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FINAL WELL REPORT

STATOIL

15/9-18

NORWEGIAN OFFSHORE CONTINENTAL SHELF

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DECEMBER 1983 - MARCH 1984

EXPLORATION LOGGING

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EXPLORATION LOGGING OVERSEAS

MARCH 1984

EXPLORATION LOGGING

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EVALUATION LOGGING

INTRODUCTION

WELL AND RIG DATA

Company:	Statoil
Well Name:	15/9-18
Location:	Norwegian Offshore Continental Shelf
Position:	58deg 21min 01.6sec N
	01deg 48min 11.8sec E
Field:	Sleipner
Rig:	DEEPSEA BERGEN, semi-submersible
Contractor:	Odfjell Drilling and Consulting Company.
RKB-MSL:	23m
MSL-Seabed:	123m
Spud Date:	16th December 1983
Completion Date:	1st March 1984
Completion Depth:	3622m
Completion Status:	Abandoned

Exploration Logging Overseas, Inc.

Unit #:	251	
GEMDAS Crew:	P. Fisher	M. Kingsley
	C. Law	N. Thorn
Logging Crew:	G. Wheatley	M. Holt
	W. Masterton	B. Taylor

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PROGNOSIS

15/9-18 was a wildcat well, drilled in a water depth of 100m, in the Sigma prospect, south of the Sleipner field. The well was drilled to test possible hydrocarbon accumulations in potential sandstones of Palaeocene (2630m), Middle Jurrasic (3230m), and Triassic (3400m) ages (projected depths are approximate). The sands were expected to contain a significant gas column above a thin oil column. The closest correlation with wells in the vicinity was expected to be made with 15/9-8 and 15/9-10 (dry).

Exploration Logging provided Geological Engineering Monitoring and Data Analysis System (GEMDAS) service on 15/9-18, from 123m to 3622m total depth. In addition to formation evaluation and conventional mud logging, automatic real-time data monitoring and recording, and pressure analyses were carried out. Continuous evaluation of pressure and drilling progress provided an aid in optimizing drilling costs, and ensuring that drilling continued with maximum safety to personnel, the well and equipment. The operator was continuously advised as to the status of these analyses, and data and results stored on magnetic tape for post-well evaluation. The printouts and plots are contained in the attachments of this report.

For details of the computer programs provided, and the theory of the pressure evaluation methods used, please refer to the Software Information Sheets and Pressure Log Manual MS-156. Both are available from Exploration Logging.

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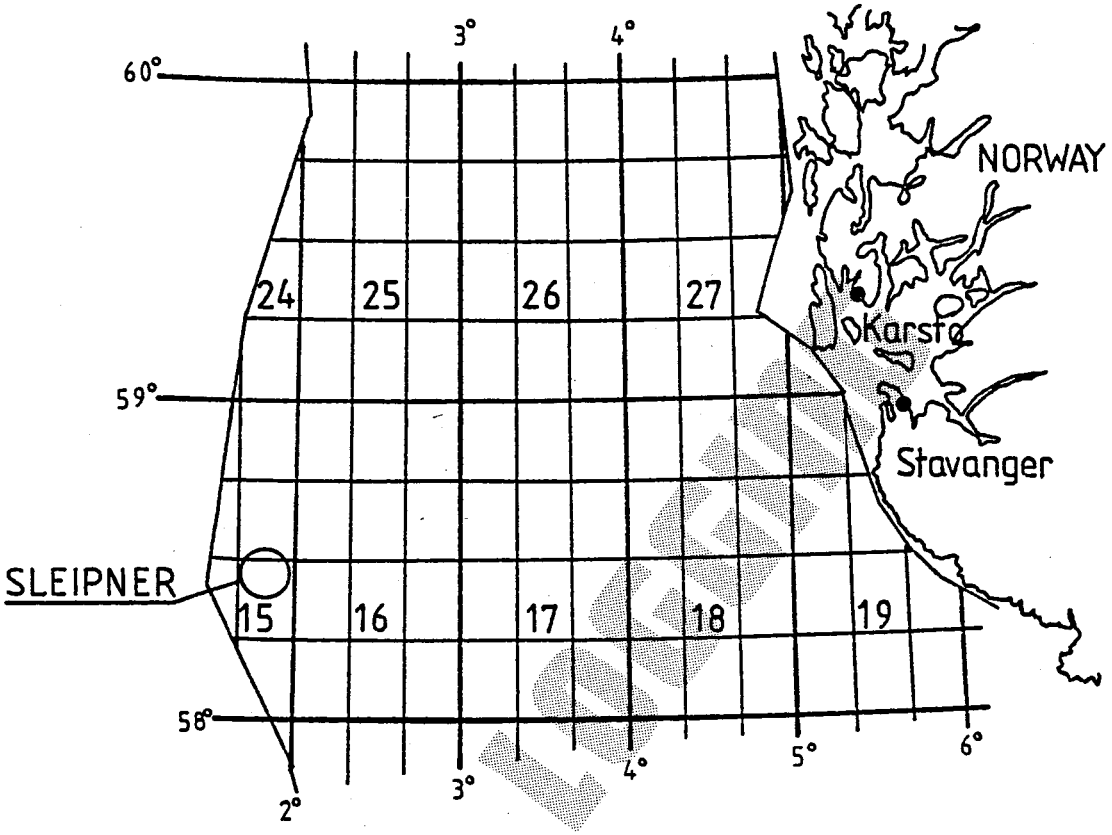
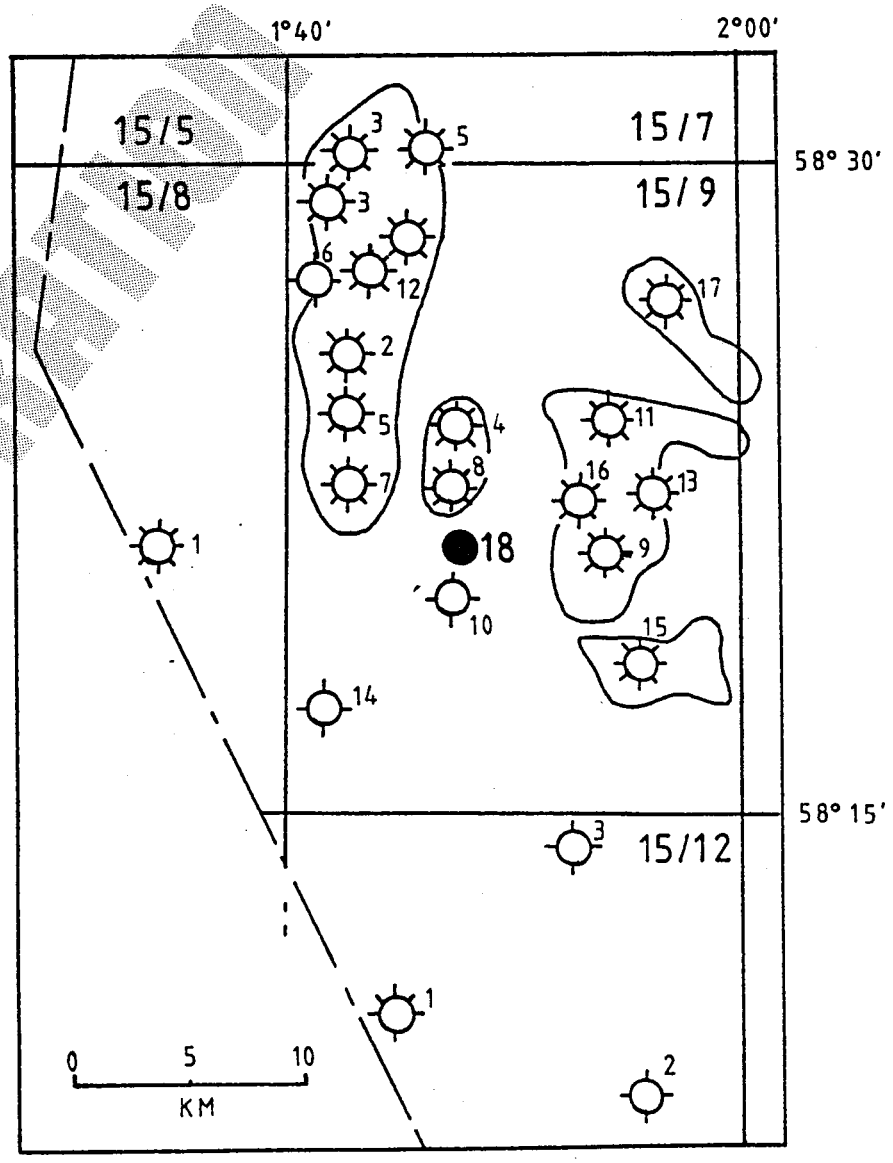
SLEIPNER FIELD : 15/9-18 LOCATION





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SECTION 1

DRILLING AND ENGINEERING

EXPLORATION LOGGING

DRILLING AND ENGINEERING

Section 1: 36" Hole, 120 - 185m

This section was drilled using a Hughes 26" bit run below a 36" hole opener. The hole, drilled in 13.8 drilling hours was characterised by erratic ROP and high torque values caused by boulders. The section was drilled using sea water, with high viscosity pills pumped at each connection with returns to the sea bed. At 182m the hole was swept with high viscosity mud, and a wiper trip pulled to the seabed. The hole was displaced once more with mud after the assembly had been run back to bottom. Five joints of 30" Vetco B Grade, ATD-RB casing were run and cemented. See appendix (4.4) for cement details. The cement, shoe and 3m of formation were drilled using the re-run Hughes 26" bit, prior to the running of the marine riser and pin connector.

Section 2: 26" Hole, 185 - 522m

A 12-1/4" pilot hole was drilled initially from 185m to 520m due to the suspected presence of shallow gas. A Smith SDT with 3x16 jets drilled the pilot hole in 12.2 drilling hours. The drill rate was controlled, generally held within the range 25 - 35 m/hr. The formation consisted principally of claystone with major and minor sandstone units. No significant hole problems occurred, although solids build up in the

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mud system proved difficult to control when drilling the main sandstone interval from 240 - 315m. The hole was circulated without drilling for a short period after drilling this interval to allow the mud weight to be reduced from 1.22 g/cc to 1.07 g/cc. The caliper log, run when the pilot hole was complete, indicated this section was washed out beyond the 16" span of the caliper arms. A seawater - gel spud mud was used throughout the section.

The following logs were run after the pilot hole had been drilled: DIFL, BHC ACOUSTIC, GR, SP, CAL.

The 12-1/4" hole was then opened using a 26" under-reamer. Rate of penetration for the undereaming was 20 - 50 m/hr. At 386m the 26" under-reamer was pulled out of the hole due to a shortage of drill water. A new 26" under-reamer was run in and drilled to 522m. The hole was displaced with 1.31 g/cc mud and the riser was unlatched and pulled. A 26" bit was run in, and no significant tight spots were encountered. The hole was displaced with a 1.31 g/cc mud prior to running the 20" casing. The 20" casing was run with no problems and set at 499m. The casing was cemented using a total of 64.6 tons of class G cement lead, and a 14.6 ton tail slurry. The BOP and riser were run, and the stack and surface lines tested.

Section 3: 17-1/2" Hole, 522 - 1170m

The cement and shoe of the 20" casing were drilled out using NB#3, a Hughes X1G with 3x18 jets. The top of the cement was tagged at 472m, and this and 3m of new formation were drilled down to 525m. The bit was pulled to the shoe and a formation integrity test performed. The gauge read 20.7 bars imposed above

EXHIBIT FOR IDENTIFICATION

a 1.05 g/cc static mud weight to give an EQMW leak off of 1.47 g/cc.

The 17-1/2" hole section was drilled in 26.3 hours using one rock bit, a Smith SDS CN, fitted with 16:16:16:14 jets and using a gypsum lignosulfonate mud system. Mud weight started at 1.10 g/cc and was allowed to rise to 1.14 g/cc as the section progressed.

The rate of penetration was between 20 - 30 m/hr in the sticky clays down to 866m. From 866 - 1108m the rate of penetration increased to an average of 45 m/hr, and occasionally 120 m/hr in some sections of the fine grained sands. Rate of penetration was reduced to 20 - 30 m/hr in the clays from 1108m to 1170m. Weight on bit was controlled through the section to allow some control over the rate of penetration. For this section the weight on bit was in the 5 - 12 kdaN range.

Seawater was added to the mud system continually through the section in an attempt to keep the mud weight and viscosity down. There was some evidence of tight hole on some connections between 680 - 707m. Suspected cause of these tight spots was hydrating clays. Swab gases were observed from this section.

Totco surveys were taken approximately every 100m, after which a short trip to the shoe was made to retrieve the survey. These trips all showed very little overpull. At 1170m bottoms up were circulated up and a short trip was made, the second and third stands of which showed 43 and 44 kdN overpull. After pulling 23 stands the bit was run to TD and bottoms up circulated. A survey was then dropped and the bit tripped smoothly out of the hole.

Wireline tools were run but were unable to get to TD due to a bridge at 1050m. The bit was tripped in to clear the bridge and the last 15 singles were reamed to TD. Wireline logs were subsequently run successfully. (For full details of Electric Logging runs see section 4)

ELECTRIC LOGGING

A total of 84 joints of 13-3/8" casing were run, 79 joints of 68# K55 and 5 joints of N80, with the shoe set at 1150m. The casing was cemented using a main slurry of 45.3 m^3 (1.56 g/cc), and a tail slurry of 5.9 m^3 (1.91 g/cc) class "G" cement.

Section 4: 12-1/4" Hole, 1170 - 2762m

This section of the well was drilled using six mill toothed bits, one stratapax bit and one core bit.

A leak off test was performed after the shoe had been drilled. A pressure of 44.82 bars was exerted over a static mud weight of 1.13 g/cc resulting in a leak off pressure of 1.52 g/cc EQMW.

ROP from the start of the section to 1600m ranged from 30 - 50 m/hr, falling to a range 15 - 25 m/hr to 2150m, after which penetration rates became increasingly erratic varying from 1 - 3 m/hr through shales and claystones, to 12 m/hr through sand intervals. The formation from 1170m to 2180m was a very consistant succession of claystones with occasional shales, limestones and sandstones. Tuffs and siltstones became more common below 2300m and sands occurred frequently from 2450m to the end of the section. A good drill break into a sand was recorded between 2462m and 2470m when drill rates increased from 5 - 10 m/hr to a maximum of 32 m/hr.

Two cores were cut in this part of the well using a Christiansen C22 core head. The first of these cores was pulled after 2.5m had been cut due to a washout in the core barrel induced by a faulty bearing. The second core was pulled after cutting 13.5m when the core barrel became jammed.

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Tight hole was a recurrent feature of this section. Short trips were pulled at 100m intervals at each survey point, tripping continuing until overpull levels dropped. Overpull was commonly experienced on the first 3 to 5 stands of each trip, varying from 10 - 25 kdaN at 1415m to an average level of 35 kdaN at 2140m, reaching a maximum of 50 kdaN on a wiper trip at 2281m. This overpull appeared to be largely restricted to the new hole drilled between successive wiper trips, the same interval rarely producing tight hole on subsequent trips. Similarly connections demonstrated a degree of drag, generally ranging from 5 - 15 KdaN. The pipe became stuck for a short time when making a connection at 1638m with the hole packed off. The hole also packed off at 2368m where variations of 20 - 30 bars in standpipe pressure were observed. However, as previously noted, no particular parts of the open hole were persistantly troublesome, with free trips through the older parts of the open hole. Carbide lags recorded below 2500m suggested much of the open hole had been washed out to an average size of 12-1/2".

In anticipation of hole problems related to swelling clays, an inhibited gypsum-lignosulphonate mud system was employed over this section with 10 lb/bbl gypsum (4lb dissolved : 6lb in excess). An initial mud weight of 1.13 g/cc was gradually increased through the section to a final weight of 1.23 g/cc by 2050m in an attempt to reduce tight hole effects. This increase in mud weight appeared to have little effect on levels of overpull experienced. Despite the inhibited nature of the system, solids accumulation was a prevalent problem throughout the section requiring constant water dilution to maintain mud properties.

Directional surveys generally fell in the range 0.25 to 1.0 degree from the start of the section to 1196m. However, the survey at 2172m

gave a reading of 2.25 degrees. This sharp increase in angle corresponded to a general increase in the FOB used, from 10 kdaN to 18 kdaN. Less FOB was used once more until the drift angle fell to 1.75 degrees at 2490m. Hole angle was gradually reduced, the final survey in this section was 0.5 degrees at 2758m.

A comprehensive suite of wireline logs (see section 4) was run without any problems. A sandstone unit at 2070 - 2100m was revealed to be the most likely source of the early trip gas peaks, which occurred consistantly over the latter part of this section.

The 9-5/8" casing string consisted of 42 joints of P110 47lb/ft buttress, including the float collar and shoe joints, followed by 174 joints of N80 47 lb/ft buttress. The shoe was landed without difficulty at 2743m. A total of 90 m^3, (1.9g/cc) of class "G" cement was pumped, 29 m^3 being lost during displacement. The loss occurred as the cement reached the sandstone section at 2100m. Some cement was returned at the surface due to channeling.

Section 5: 8-1/2" Hole, 2762 -3622m

This section was drilled using 13 milled tooth bits, 1 insert bit,and one core head.

A leak off test was performed at 2765m, after drilling 3m of new hole. Leak off occurred at 136 bars imposed over a static mudweight of 1.24g/cc, to give a fracture EQMW of 1.74 g/cc.

A large quantity of junk (311g) including fragments of core gun bullets was recovered from the junk sub.

A Neyrfor turbine and D.Boart stratapax were used to drill to 3040m. Drill rates were generally in the order of 5 m/hr, within the range of 3 to 10m/hr. At 3040m the kelly saver sub snapped off while running in after a connection.

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The drillstring was fished without problem, but a steel dart had fallen into the hole and had lodged in the wellhead. Consequently the BHA became wedged in the wellhead while tripping out of the hole. The collars were backed off from the second joint above the turbine. A bumper sub assembly was then run in and stabbed into the turbine assembly. After working the pipe it was possible to run further into the hole. The turbine was then run into the open hole beneath the 9-5/8" shoe in an attempt to dislodge the junk. The turbine assembly was then successfully recovered and a bit and junk sub run in an attempt to recover the dart and junk. Only .3kg of metal was recovered after working the bit for 1.3 hrs. To check for possible damage to the casing in the wellhead area a Halliburton RTTS packer was run to 233m and the casing pressure tested to 380 bars. A further junk recovery attempt was made using a reverse circulation sub on bottom. Recovery here was limited to only a further .1 kg of metal. A Hughes JD8 bit was run in an attempt to break up the dart, but was pulled after cutting only 6.1m in 6.1 hours. The bit was however found to have two cones jammed by steel junk.

Drilling resumed using two mill tooth bits, with ROP's averaging 2-3 m/hr with occasional drilling breaks to 8 m/hr. The formation over these runs was initially dominated by limestones, but became predominantly argillaceous downwards, persisting until a sandstone at 3230m prompted the cutting of two cores.

37m of cores were cut in two runs with a single Chris C22 core bit. Core recovery was 100% and total wear on the core head was estimated at 10%. As the cores contained only minor shows, a further rock bit was used to drill to 3267m, where an intermediate logging program was executed. During logging a leak was detected in the kill line, where mud was observed leaking from a union just above the pin connector.

In order to allow the riser to be pulled safely, it was decided to lay a balanced cement plug in the 9-5/8" casing. The plug was to be from 2400m to 2250m. Three attempts were required before this operation was successfully accomplished. The first plug was set using 6 m^3 of class "G" cement, five stands pulled and the hole reverse circulated. When attempts were made to tag the plug, no hard cement was detected at the correct depth, and copious cement fragments were observed when circulating bottoms up from TD. The second plug was set in much the same manner, though the hole was circulated the long way five stands above the plug after displacement of the cement. This plug also became unbalanced, and was circulated from the bottom of the hole, much of the cement being dispersed in the drilling mud. The final successful setting of the plug was affected by pumping a 2 m^3 high viscosity pill ahead of the cement, and allowing the cement 12 hours to set. The plug was then pressure tested to 100 bars before hanging off the drill string, pulling the marine riser and repairing the loose connector on the kill line.

After reconnection of the marine riser and testing of the BOP, the cement plug was drilled out and new formation drilled to 3481m using one mill tooth bit and two insert bits. Tight hole was a feature of trips through the cored interval on the first 3 trips following the end of the coring program, noteably between 3228m and 3285m where overpull of up to 28 KdaN was encountered through the sands at this depth. ROP's on these bit runs were variable through a mixed lithology, including shales, dolomitic limestones, sandstones and coals. Rates ranged from 0.5 to 15 m/hr, with occasional breaks through the coals of up to 35 m/hr. NB#24, the second of the insert bits run in this section, was noteable for its high torque profile. Torque trim was added to

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the mud system. The lubricant had no effect on the torque readings, but caused background gas levels to increase from an average of 0.08% to 0.20%. When the bit was pulled, all three cones and one of the shanks remained in the hole.

A series of FMT tests were run at this depth to ascertain the pore pressure with a view to reducing the mud density. As the measured pore pressure in the cored sands was 1.229 g/cc with suspected higher pressures above, no change in the mud weight was affected.

A Hughes R8DJ bit was run with a junk basket to mill the junk, and milled junk for 1.5 hours before being pulled out of the hole with broken teeth but no junk. A Hughes JD4 3x12 jets was run in with the intention of drilling out the junk as it made new hole, its torque profile was fairly stable, and the rate of penetration was between 2 - 7m/hr occassionally as high as 10m/hr in sandstone. The bit was pulled at 3524m when the rate of penetration had dropped to 1 - 2m/hr. Two Hughes J4 bits 2x11, 1x12 jets were run to 3560m, with average rates of penetration of 1.5 - 2.5m/hr. The lithology over the section was mainly claystones and sandstones. At 3560 a Hughes J33 2x11,1x12 jets was run, giving rates of penetration averaging 3m/hr, but at 3595m the formation became predominantly siltstone and the rate of penetration dropped to 1.5m/hr. At 3622m bottoms up were circulated and the bit pulled at TD.

A suite of wire line logs were run at TD, (For details see section 4) and no problems were encountered during the bottom hole logging runs.

The hole was plugged back using a total of five plugs from 3622 - 2760m. The 9-5/8" casing was perforated at 1050m and a retainer set at 1040m. The 9-5/8" casing was cut at 450m and retrieved. A plug was set between 500 - 400m with a bridge plug at 386m. The hole was displaced with seawater from 326m. The 13-3/8" casing was perforated at 172m and cut at 276m and

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retrieved. A plug was set between 370 - 170m. The riser and BOP were pulled, and the 20" and 30" casing cut at 126m and retrieved.

EXPLORATION LOGGING

SECTION 2

FORMATION PRESSURES

EXPLORATION LOGGING

FORMATION PRESSURES

Section 1: 26" Hole, 185 - 520m

The pore pressure was estimated to be normal throughout this interval. A value of 1.02 g/cc was assigned to the normal gradient.

A 12-1/4" pilot hole was drilled through a sequence consisting principally of claystone with major and minor sandstone members. The drilling exponent fell on a sub-vertical trend, with a degree of scatter due to the controlled drill rates.

Background gas values were erratic, generally falling in the range 0.1 - 0.3% in the claystones and reaching a maximum of 1.1% in the main sandstone unit. Connection gases did not occur and a value of 0.18% was recorded for the wiper trip after drilling the pilot hole to 520m.

Sonic and resistivity log data fell on a near vertical trend, and departures from this trend were associated with sand sections. No pressure related problems occurred during the drilling of this section of the well.

Section 2: 17-1/2" Hole, 520 - 1170m

The pore pressure was estimated to be normal throughout this section. The formation consisted principally of claystone from 520 - 864m, and from 864 - 1108m the formation consisted of sandstone with occasional thin claystones. From 1108m the formation consisted principally of claystone.

The Dxc data for this section closely followed a normal trend, defined by the intercept K = 0.660576 and a slope A = 0.000063373. The Dxc data fell on a vertical trend throughout the sandstone section, reflecting the controlled

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drill rates.

Wireline data correlated very closely with the Dxc plot confirming a normal compaction trend, except for the section between 620 - 730m where both the sonic and density logs indicated a higher than normal density.

Background gas values were in the range 0.2 - 0.4% over the upper part of this section, and gradually fell to less than 0.2% through the sandstone section. Tight connections at 687m, 697m and 707m resulted in swab gases of 1.06%, 0.38%, and 0.52% respectively. Gas peaks in the sandstone section, 0.49% maximum at 1049m, corresponded with thin claystone beds.

The hole problems which occurred while drilling this section, sticky connections and the bridging of the hole during logging, were not directly attributable to pore pressure changes.

Section 3: 12-1/4" Hole, 1170 - 2762m

The formation through this section comprised a succession of uniform claystones with occasional limestone and siltstone stringers to 2150m, below which the formation became increasingly shaley. Tuff occurred below 2300m, and sand became a frequently encountered lithology from 2450 - 2650m. The lower part of this section of the well consisted of Cretaceous marls.

The drilling exponent gave a well defined compaction trend described by A=.0002, K=.05796. The intercept was displaced towards the left from 2450m to K= .04193 while drilling a variable lithology with major sandstone units intercalated between the claystones. The only departure from this normal compaction trend occurred from 1500m to 1620m with points plotting

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to the left of the line indicating an increase in pore pressure in the range 1.13 - 1.15 g/cc.

Background gas values were generally low throughout this section, an initial average of 0.15%, decreasing below 1700m to 0.02% by 2000m. Gas values became variable from 2200m ranging from 0.02 - 0.06%, with an occasional maximum of 0.08%. No increase in background gas was noted when drilling through the suggested zone of higher pore pressure from 1500 - 1620m. Short trip gases averaged 0.32%. Peaks circulated on all full trips below 2500m were found to originate from around 1600m. The highest of these occurred after a bit trip at 2452m where a peak of 1.7% was recorded. Similarly 1.4% was noted on a trip at 2630m once more arriving well before bottoms up, originating from 1600m.

Temperature data too supported the suggestion of a zone of higher than normal pore pressure at this depth, the trend from the start of the well to 1450m of 2.5 degrees/100m, flattening over the overpressure zone to 0.35 degrees/100m, steepening once more after the zone had been drilled to 5.0 degrees/100m. Although the mud was constantly being diluted while drilling this section of the hole, such additions were made at a constant rate, hence leaving the temperature gradients relatively unaffected.

Shale densities generally rose in a normal fashion through the section, increasing from 1.88 g/cc to 2.22 g/cc by 2650m.

Although tight hole effects were prevalent throughout the drilling of the section during trips and connections (See Section 1 for details) these effects were thought to be related to swelling clays rather than to the influence of high pore pressure.

The sonic data did not confirm the pressured section at 1620m, following a normal trend throughout. A sandstone section around 2100m, displayed some seperation of resistivity data and was therefore a likely source of the early trip gases experienced over this section.

Section 4: 8-1/2" Hole, 2762m - 3622m

Effective pore pressure evaluation was impeded during the drilling of this section due to the relatively high mudweight employed. As a high degree of overbalance was maintained, the parameters available while drilling were relatively insensitive.

The Dxc plot followed a steep vertical trend between 2770m and 3040m, due to the combined use of a statapax bit and a turbine. At 3040m the trend was offset to the left due to the running of a conventional bit. From this point to T.D 3622m, a normal trend defined by an intercept K = 0.5795 and a slope A= 0.000040 was assigned to the Dxc. Dxc points in argillaceous formations fell close to this trend over the whole of this section.

The flowline temperature was greatly affected by virtually continual additions of seawater and fresh mud. The flowline temperature plot was also fragmented due to the relatively short bit runs.

Background gas values were initially very low in the order of 0.10%, but increased from 3100m, gas values from this point to T.D were highly variable ranging from 0.15% to 0.35%. Peak values were associated with coal or sandstone beds. Trip gases were in the order of 0.21%, no connection gases occurred.

Intermediate wireline formation tests were run indicating a pore pressure of I.229 g/cc at 3250m. Wireline formation test at TD indicated a pore pressure decrease from 1.229 g/cc at 3250m to 1.216 g/cc at 3570m.

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FORMATION OVERBURDEN PRESSURE

Cuttings bulk density measurements were used to establish initial overburden gradients. These values were amended as density values from wireline logs became available. Attachment B, Pressure Evaluation Log gives a summary plot of the overburden pressure.

A mathematical curve solution was used to process the overburden gradient data, which gave an exponential curve as the best fit: $Y = AE^{BX}$, where $A = 0.382$, $B = 4.242$ and with a coefficient of determination of 0.961.

FORMATION FRACTURE PRESSURE

Formation integrity tests were performed at the 20", 13-3/8" and 9-5/8" casing shoes, and the results of these tests were as follows:

Depth (m)	Gauge pressure (bars)	Mud density (g/cc)	Fracture pressure (bars)	Fracture gradient EQMW (g/cc)
525	20.70	1.05	74.71	1.47
1170	44.82	1.13	174.35	1.52
743	136.00	1.24	469.25	1.74

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SECTION 3

GEOLOGY AND SHOWS

N.B. All geological tops and ages quoted were correct at the time of writing, but may have since changed due to subsequent re-evaluation.

EXPLORATION LOGGING

GEOLOGY AND SHOWS

Section 1 : 180m - 250m.

This section consisted of clays with stringers of loose sand, and a bed of sand with abundant bivalve shell fragments at 190m to 199m.

The clays were green-grey, becoming light to medium grey towards the base of the section. They were soft and amorphous, dispersive and moderately calcareous.

The sands consisted of poorly sorted clear to yellow-brown quartz grains, which were medium to very coarse in size and angular to subrounded in shape.

Traces of limestone were recorded from 180m to 190m, and from 210m to 250m. Traces of pyrite and igneous and metamorphic rock fragments were present throughout.

Controlled drilling was practised in this section with rates of penetration between 30m/hr to 40m/hr, with a maximum of 660m/hr at 201m.

Background gas averaged 0.05%, with a maximum of 0.08% at 240m, and a minimum of 0.02% at 210m. All gas recorded was methane (C1).

Section 2 : 250m - 321m.

This section consisted of loose to poorly cemented, fossiliferous sands, which were medium to very coarse, occasionally fine quartz grains of various colours including yellow, brown, milky, frosted, pink and red. The grains were poorly sorted, angular to subrounded, with occasional euhedral crystals.

Fragments of igneous and metamorphic rock occurred in the top of the section from 250m to 270m. There were fossil remains of bivalves, ostracods,

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foraminifera and echinoid spines throughout most of the section.

Controlled drilling was practised in this section, with an average rate of penetration of 30m/hr. Drill breaks occurred at 303m, and from 313m to 317m, with maximum rates of 120m/hr.

Background gas averaged 0.06%, with two peaks of 0.38% and 1.10% from 290m and 315m respectively. All gas recorded was methane (C1).

Section 3 : 321m - 864m.

This section consisted of clays with occasional stringers of loose sand.

From 321m to 450m the clay was light to medium grey, very soft, amorphous, dispersive, hydrated and slightly to moderately calcareous. Slightly silty material was seen at 370m to 390m, and 420m to 440m. Traces of carbonaceous material were seen throughout, with traces of pyrite.

From 450m to 510m the clay was light brown-grey, soft, amorphous, dispersive, hydrated, slightly calcareous and occasionally slightly silty, with traces of carbonaceous material and shell fragments.

From 510m to 640m the clay was olive to medium grey, soft, occasionally firm, amorphous to blocky, dispersive, hydrated and slightly to moderately calcareous. There were traces of carbonaceous material and shell fragments, and occasional sand stringers of clear, loose, fine, subangular to subrounded quartz grains.

From 640m to 864m the clay was light to medium grey, occasionally dark grey and grey-brown. Here the clay was soft, occasionally firm, amorphous, hydrated, slightly to moderately calcareous, with traces of shell fragments and pyrite.

The rate of penetration averaged 30m/hr to 40m/hr, with maxima of 90m/hr at 443m, and 60m/hr at 454m, 484m, 492m, 514m and 707m.

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Background gas averaged 0.25%, with a maximum of 0.46% at 810m.

Trip gases of 0.19% and 0.26% were recorded from 520m and 525m respectively. Short trip gases of 0.65% and 0.86% were recorded from 611m and 716m, with a short trip gas of 3.02% recorded from 819m.

All gas recorded was methane (C1).

Section 4 : 864m - 1100m.

This section consisted of loose sands with abundant shell fragments.

The sands were clear, predominantly very fine to fine grained, occasionally medium grained, subrounded to rounded quartz which was well sorted. The sands became less well sorted, and rounded to subangular in shape towards the base of the section. Abundant coarse fragments of bivalves, occasional foraminifera, and traces of carbonaceous material and pyrite were also present.

The rate of penetration was controlled between 40m/hr to 60m/hr, with a maximum of 120m/hr recorded from the drill break at the top of the section.

Background gas averaged 0.1%, with peaks of 0.26%, 0.17% and 0.47% from 950m, 1000m and 1055m respectively. All gas recorded was methane (C1).

Section 5 : 1100m - 1320m.

This section of the well comprised a sequence of uniform claystones, which were light to medium grey and grey-green, soft, sticky, amorphous and dispersed, occasionally slightly calcareous and silty with traces of glauconite and gastropods in the upper part. From 1200m the claystone was light to medium grey and grey-brown, soft to firm, occasionally hard and amorphous to blocky, silty and non-slightly calcareous, becoming medium to

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dark brown and brown-grey, firm, occasionally soft, blocky and slightly to moderately calcareous with depth. From 1310m the claystone was light to medium grey and grey-brown to dark brown, soft to firm, blocky and silty, occasionally with very fine to fine sand grains and traces of glauconite.

The limestone in this section was light brown to buff in colour, hard and blocky, brittle and micro-crystalline, occurring at 1295m.

Sand was observed at 1260m, consisting of clear to light grey quartz grains, very fine to fine, moderately well sorted, predominantly sub-rounded and loose, generally with traces of glauconite.

Rate of penetration in this section averaged 25m/hr, with a maximum of 150m/hr at 1258m-1259m, associated with the sandy shale and a minimum of 9m/hr at 1203m and 1276m.

Background gas averaged 0.1%, with a maximum of 0.15% at 1220m and 1240m, and a minimum of 0.07% from 1280m. A wiper trip gas of 0.18% and a trip gas of 0.1% were observed from 1170m.

All gases recorded were entirely methane (C1), and no shows were seen in this section.

ection 6 : 1320m - 2080m.

This section consisted of a sequence of claystones with thin beds of siltstone, limestone, dolomite and sand.

The claystones were predominantly light to medium grey, medium to dark brown-grey and dark brown, with occasional grey-green claystone at 1640m. They were generally soft to firm and amorphous to blocky, dispersed and hydrated, becoming harder with depth, non-slightly calcareous, occasionally slightly to moderately calcareous and sometimes grading to siltstone and

very fine sandstone from 1320m-1360m and at 1817m.

The siltstones were light to medium grey or grey-brown, soft to firm, blocky and moderately calcareous grading to very fine glauconitic sandstone and occurred in the upper part of the section from 1320m-1380m.

The limestones were generally cream to buff and occasionally light to dark brown in colour, firm to hard, becoming softer with depth, generally argillaceous and micro-crystalline and containing foraminifera at 1620m.

Dolomitic limestones were a light tan to medium brown in colour, hard, blocky, brittle and micro-crystalline with angular cuttings.

Sands in this section were medium to dark brown and brown-grey, consisting of very fine to fine, subangular to subrounded quartz grains, usually poorly cemented with a calcareous cement and containing traces of glauconite and mica at 2020m.

Rate of penetration averaged 20m/hr, with a maximum of 60m/hr in the siltstone at 1351m-1353m and a minimum of 6m/hr at 1866m and 1882m.

Background gas averaged 0.08%, with a maximum of 0.2% from 1510m and 1615m and a minimum of 0.02% from 2025m. Other peaks were observed from 1370m (0.17%) and 1450m (0.14%). Wiper trip gases ranged from 0.18% (1580m) to 0.78% (1368m) and a trip gas of 0.58% from 2050m were recorded. All gases recorded were entirely methane (C1), and no shows were observed from this section.

Section 7 : 2080m - 2465m.

This section was predominantly claystone and shale with occasional sandstones, siltstones, limestones and volcanic tuffs.

The claystones were generally pale green, light green-grey and brown-grey, firm to moderately hard, blocky and non-calcareous, occasionally

with splintery cuttings that were subfissile and grading to shale. Towards 2310m the claystone became red-brown and medium to dark brown, firm to moderately hard and slightly to moderately calcareous. At 2395m it was predominantly light grey, soft and amorphous, sticky, hydrated and dispersed, occasionally showing fine laminae.

The shales were grey-green, grey-brown, occasionally pale green, firm to moderately hard, splintery, fissile and non-calcareous, occasionally grading to claystone and siltstone.

The sandstones occurred in the upper part of this section from 2080m-2115m and consisted of white to light grey, fine to medium grained quartz, that was subangular to rounded and moderately well sorted, loose or very poorly cemented with silica, becoming harder and the cement more calcareous with depth. Towards the base the sandstone was more argillaceous and contained traces of glauconite.

Limestone occurred throughout the section and was predominantly white to off-white, soft and amorphous, silty and micro-crystalline. At 2202m it was orange-brown, firm to hard, with blocky, brittle cuttings that were occasionally dolomitic.

The volcanic tuffs at approximately 2315m were light grey to off-white, occasionally pale purple or speckled with dark grey inclusions, firm, blocky, friable, generally non-calcareous and argillaceous, grading to tuffaceous claystone.

The rate of penetration averaged 12m/hr from 2080m-2310m, with a maximum of 40m/hr at 2167m and a minimum of 1m/hr in the sandstone at 2108m. From 2310m-2465m the rate of penetration averaged 8m/hr with a maximum of 12.5m/hr at 2403m and 2422m.

Background gas averaged 0.05%, with a maximum of 0.1% from 2365m and a

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minimum of Ø.Ø2% from 21ØØm.

Wiper trip gases ranged between Ø.11% from 2176m, to Ø.61% from 2329m and 2375m (5320ppm C1; 70ppm C2; trace C3). A trip gas of 1.7% was recorded from 2454m (15850ppm C1; 102ppm C2; 25ppm C3).

All gas recorded consisted entirely of methane (C1), unless otherwise stated. No shows were observed from this section.

Section 8 : 2465m - 2631m.

This section consisted of a loose sand interbedded with numerous thin claystones, occasional thin siltstones with thin limestones and claystones between 2557m and 2597m.

The loose sand consisted of clear to translucent, occasionally frosted quartz. The grains were predominantly very fine to medium, occasionally coarse and were subangular to rounded. Occasionally the grains were cemented with slightly to moderately calcareous material. At 2504m-2507m the sand had a very good calcareous cement.

The thin claystones were light to dark grey, dark brown-grey, light green and occasionally dark green. They were firm to moderately hard, occasionally soft, blocky to flakey, occasionally splintery and sub-fissile and non-moderately calcareous throughout. At 2575-2587.5m and 2600-2603m the claystone graded to a shale.

Occasional thin siltstones were present between 2465-2590m. These were medium to dark brown, firm, blocky, slightly calcareous and grading to claystone. Between 2582.5m and 2587.5m the siltstone was occasionally micromicaceous.

The limestone between 2557m and 2597m was white to off-white, occasionally light grey, soft, amorphous, slighty silty, with occasional very fine

sand.

Rate of penetration averaged 10m/hr, with a maximum of 28m/hr at 2617m and a minimum of 1.3m/hr at 2604m.

Background gas averaged 0.05%, with a maximum of 0.10% at 2487.5m and 2497.5m, and a minimum of 0.01% from 2585m onward. A wiper trip gas of 0.2% was recorded from 2494m. All gas recorded was methane (C1), with traces of ethane (C2) and propane (C3) in the upper part of the sandstone.

Trace shows were seen from 2555m to 2610m, where the sand showed a heavy, dark brown tar binding a few sand grains which had a dull yellow fluorescence and gave an instant bright yellow-white cut.

Section 9 : 2631m - 2700m.

This section consisted of claystones with shales for the first 16m, which were calcareous between 2670m and 2700m.

The claystone down to 2680m was light to medium grey, light to medium brown, green-grey and grey-green in colour. Blocky to angular fragments were firm to hard, brittle and occasionally splintery and platey. It was also occasionally sub-fissile and non-slightly calcareous. From 2680m to 2700m the claystone was medium grey, brown-grey and green-grey in colour, hard with blocky to angular fragments, brittle, subfissile and non-slightly calcareous.

The shale at the top of the section was medium to light grey, light brown-grey and green-grey in colour, hard to very hard, micromicaceous and non-slightly calcareous. It was occasionally interbedded with thin sands which were white to light brown, light to dark grey, very fine to coarse, poorly sorted, angular to subrounded grains in an argillaceous matrix that was slightly to moderately calcareous.

From 2680m to 2700m, the claystone became more calcareous and was light brown to light grey in colour, soft and amorphous, hydrated and occasionally chalky. A thin sand was present at the base of the section and consisted of loose, clear quartz grains, very fine to fine, becoming coarser with depth, poorly sorted and subangular to rounded in shape.

Rate of penetration averaged 3.5m/hr, with a maximum of 20m/hr at 2999m in the sandstone.

Background gas was consistent at 0.01 to 0.02%. Trip gases ranged from 0.07% from 2645m, to 1.42% from 2630m.

All gas recorded was methane (C1), and no shows were observed from this section.

Section 10 : 2700m - 2930m.

This section consisted of massive limestone with sporadic thin claystones to 2890m, with the lower 40m of limestone occasionally being argillaceous.

Between 2700m and 2755m the limestone was white, occasionally off-white or buff, predominantly firm to hard, blocky to splintery, crumbly to brittle, cryptocrystalline and occasionally chalky.

The limestones became white to pink and buff from 2755m to 2875m. They ranged from being predominantly soft, chalky, amorphous to lumpy, slightly hydrated and argillaceous, to being hard, angular to splintery, brittle, cryptocrystalline and occasionally dolomitic.

From 2875m to 2915m the limestone was white to light grey, soft to firm, lumpy to amorphous, chalky, occasionally hydrated and slightly argillaceous. From 2915m the limestone was predominantly pink to buff, hard, brittle, splintery to platey and cryptocrystalline.

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The thin claystones from 2700m to 2775m were light to medium grey, grey-green, brown-grey and red-brown, firm to hard, blocky to angular, occasionally splintery and subfissile, and non to slightly calcareous. From 2775m the claystone was predominantly red-brown, firm to hard, blocky to splintery and platey, and non to moderately calcareous.

Between 2770m and 2850m traces of chert were recorded. This was clear to translucent, very hard and brittle, with a conchoidal fracture.

Traces of marl occurred from 2890m, and these were light to medium grey, soft, amorphous, hydrated, very calcareous and argillaceous.

The rate of penetration averaged 3m/hr down to 2762m, and increased to an average of 7m/hr in the section drilled with a turbine, with a maximum of 10m/hr.

Background gas recorded was between 0.01% to 0.03%, with the gas only rarely exceeding 0.01% below 2760m.

A trip gas of 0.12%, and a wiper trip gas of 0.50%, were recorded at 2762m. All gas recorded was methane (C1).

Section 11 : 2930m - 3065m.

This section consisted predominantly of marl with occasional limestones and claystones, with siltstone and sandstone towards the base.

The marls were generally light to medium grey, soft, amorphous and hydrated. At the top of this section they were occasionally dark grey and grey-green, becoming red to pink, with soft to firm, lumpy cuttings that were crumbly and chalky at 3000m.

The limestones at the top were white to buff, occasionally pink in colour, hard and brittle with splintery to platey cuttings and were micro-crystalline. At 2990m the limestone was off-white to pink.

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Claystones were infrequent, occurring at 2984m, where they were medium grey or red-brown, hard and brittle with splintery cuttings that were occasionally micromicaceous and slightly calcareous, and at 3061m where the claystone was predominantly red-brown, soft to firm with amorphous to lumpy cuttings that were slightly to very calcareous and occasionally slightly silty.

The formation graded to sandstone towards the base, where it consisted of light to medium grey or grey-green quartz, with very fine to fine sub-angular to rounded grains, which were moderately well cemented by calcite with traces of glauconite and mica.

Siltstones were light grey to medium grey-brown in colour, firm to moderately hard with blocky, occasionally flakey cuttings that were slightly calcareous and micromicaceous, occasionally with glauconite and crystalline calcite and grading to claystone.

Rate of penetration averaged 7m/hr from 2930m-3039m, with a maximum of 10m/hr at 3024m-3028m in the marl, and a minimum of 3.75m/hr at 2992m in the limestone. From 3039-3065m the rate of penetration averaged 3m/hr with a maximum of 8m/hr from 3058m in marl and a minimum of 1.1m/hr at 3045m.

Background gas did not exceed 0.01%, and trip gases of 0.11%, 0.01% and 01% were recorded from 3040m, 3041m and 3041.5m respectively.

No shows were observed from this section.

Section 12 : 3065m - 3135m.

This section consisted of a sequence of interbedded claystone and limestone.

The claystones were red-brown, soft to firm with amorphous to lumpy cuttings, slightly to very calcareous and slightly silty at the top,

becoming dark grey-brown, amorphous to blocky cuttings with an earthy lustre and only slightly calcareous with depth. Abundant pyrite was observed in the claystone from 3090m. At 3110m it was laminated and occasionally had a dull yellow fluorescence with a weak, streaming yellow cut.

The limestones were generally off-white to buff, soft, occasionally firm with amorphous to lumpy cuttings that were hydrated and argillaceous. At 3105m the limestone was light to medium grey, firm, occasionally crumbly, crystalline to microcrystalline with blocky to angular cuttings.

Rate of penetration averaged 3m/hr, with a maximum of 7.5m/hr at 3135m in claystone and a minimum of 1.6m/hr at 3106m in limestone.

Background gas averaged 0.01% down to 3108m and 0.08% from 3108m-3135m, with a maximum of 0.17% (761ppm C1, 55ppm C2, 87ppm C3, tr C4) at 3135m and a minimum of 0.00% (tr C1). A trip gas of 0.09% was recorded from 3128m.

Section 13 : 3135m - 3235m.

This section comprised claystone, generally medium to dark grey-brown in colour, soft to firm, occasionally moderately hard to hard with amorphous to blocky cuttings. It was occasionally subfissile or laminated, non-calcareous and graded to silty shale. With depth it became medium to dark brown and was occasionally light brown-grey, soft to firm, amorphous to lumpy cuttings, moderately to very calcareous and silty.

Traces of limestone from 3170m were present and were off-white in colour, firm to moderately hard, lumpy to blocky and cryptocrystalline. A limestone at 3218m was light grey-brown to buff, moderately hard to hard, brittle, crystalline to cryptocrystalline and occasionally dolomitic.

Rate of penetration averaged 4m/hr, with a maximum of 7.5m/hr at 3135m and a minimum of 1.5m/hr at 3231m, rate of penetration decreasing towards

the end of the bit run.

Background gas averaged 0.12%, with a maximum of 0.2% (889ppm C1, 59ppm C2, 92ppm C3, tr C4) at 3137m and a minimum of 0.03% from 3232m. No shows were observed from this section.

Section 14 : 3235m - 3280m

This section consisted of sandstone, with occassional thin beds of shale towards the base and a thin coal at 3243m.

The sandstone was clear to pale brown, friable, locally hard, fine to coarse, locally very coarse, subrounded to rounded, poorly sorted, non to moderately good calcareous cement, poor to moderate visible porosity.

The coal between 3243m - 3245m was black, hard, brittle, blocky, locally laminated, with a vitreous lustre.

The thin shales were light to medium grey, occassionally dark grey, hard, sub fissile, non to slightly calcareous, micromicaceous and locally carbonaceous.

Rate of penetration averaged 2m/hr in the section cored, with a maximum of 7.5m/hr at 3242m - 3244m and a minimum of 1.2m/hr at 3255m.

From 3267m the average increased to 10m/hr, with a maximum of 13m/hr at 3276m and a minimum of 7m/hr at 3273m - 3275m.

Background gas, while coring averaged 0.01% with peaks of 0.11% at 3237m, 0.55% (2086ppm C1, 266ppm C2, 87ppm C3) at 3244m and 0.14% at 3258m. From 3267m the background gas was 0.04% with a maximum peak of 0.18% (835ppm C1, 84ppm C2, 64ppm C3) at 3270m.

A fair show was recorded from 3234.6m - 3243m. The sandstone showed a spotty dull gold to yellow fluorescence, with a fast streaming cloudy white

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cut, which left a strong brown residue.

A trace show was seen at intervals below 3243m.

Section 15 : 3280m - 3376m

This section consisted of an argillaceous sequence, with claystones predominating to 3325m and siltstones from 3325m - 3376m.

The top of the upper claystone sequence was marked by several thin coal beds. The coal was black to dark brown, hard, brittle, blocky, with uneven fracture and a vitreous lustre.

The claystone was medium to dark grey, brown, hard, brittle, angular to blocky, sub fissile to locally fissile and non to moderately calcareous.

Interbedded with the claystones were thin sandstones and limestones.

The sandstones were white to light green, friable to firm, very fine to fine, subrounded to rounded, well sorted with a very poor calcareous cement.

The limestones were off-white to buff, soft to moderately firm, amorphous to blocky, argillaceous, hydrated and locally grading to a red brown claystone.

From 3325m, the lower section consisted of siltstones which were medium to dark brown, soft to firm, amorphous to lumpy, slightly calcareous and locally grading to sandstone.

These were interbedded with thin claystones, sandstones, limestones and dolomites.

The thin claystones were medium to dark grey, brown grey, firm to hard, brittle, blocky to splintery, non to slightly calcareous and locally fissile.

Thin stringers of sandstone were clear to translucent, moderately hard, very fine to coarse, subangular, poorly sorted, with a moderately good calcareous cement.

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The limestone and dolomite beds occurred below 3350m. The limestones were white to off white, soft and amorphous, locally becoming firm to hard and splintery, with thin laminae of argillaceous material. Locally the limestone graded to a marl.

The dolomite was brick red to light brown grey, hard, brittle, angular to shardic and cryptocrystalline.

Rate of penetration to 3325m averaged 7m/hr, with several maxima of 13m/hr correlating to coal beds. A minimum of 1.4m/hr was recorded at 3289m. From 3325m the average was 3.5m/hr, with a maximum of 17m/hr at 3269m correlating with a sandstone bed, and a minimum of 1m/hr at 3361m.

Background gas averaged 0.07%, with peaks of 1.02% (C1 6854, C2 766, C3 210) at 3381m, 0.54% (C1 3576, C2 426, C2 136) at 3284m, 0.24% (C1 1400, C2 138, C3 62) at 3296m, 0.34% (C1 1967, C2 128, C3 64) at 3305m, 0.14% (C1 715, C2 66, C3 45, Tr IC4 & NC4) at 3321m and 0.17% (C1 580, C2 42, C3 46) at 3470m. Gases recorded in parts per million.

Trip gases of 0.21%, 0.16%, 0.43% and 0.29% were recorded from 3321m, and 0.19% at 3362m.

A trace show was observed in the sandstones and siltstones from 3352.5m. Dull gold fluorescence was seen, with a slow streaming bright yellow to blue white cut.

Section 16 : 3376m - 3417m.

This section consisted of coal beds interbedded with siltstones and minor sandstones and claystones.

The coal was black to dark brown, hard, blocky to splintery, brittle and bituminous with a vitreous lustre.

The siltstones were tan to medium brown, soft to firm, lumpy to blocky,

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crumbly and hydrated, with carbonaceous laminations locally.

The thin claystones were medium to dark grey, dark brown, locally white to light brown, firm to hard, brittle to crumbly, subfissile, non calcareous, occasionally micromicaceous and grading to siltstone.

The sandstones were white to clear, very fine to medium grained, firm, moderately sorted, subangular to subrounded, with a moderate calcareous cement.

The rate of penetration averaged 6m/hr, with drill breaks correlating with the coal beds. A maximum of 30m/hr was recorded at 3410m and 3412m, with a minimum of 2.5m/hr at 3397m.

Background gas averaged 0.15%, with peaks of 0.58%, 0.74%, 0.80% and 1.32% (8422ppm C1, 566ppm C2, 322ppm C3, 20ppm IC4, 20ppm NC4) from 3377.5m, 3391m, 3401m and 3412m respectively.

A trace show was seen in the siltstone, where a dull yellow fluorescence gave a slow streaming yellow crush cut.

Section 17 : 3417m - 3591m.

This section consisted of interbedded siltstones, claystones and sandstones, with subordinate coals above 3485m, and limestones.

The siltstones from 3417m to 3440m were tan to medium brown, soft to firm, lumpy and locally hydrated, dispersive and non calcareous. From 3455m they were light to medium brown, medium to dark grey, firm to hard, blocky, subfissile, non calcareous and locally micromicaceous.

The claystones were predominantly off-white, white-yellow, soft to firm, amorphous to lumpy, non calcareous, and contained abundant kaolinite. Locally the claystone was dark grey brown, light brown, firm to hard, brittle, blocky to angular, subfissile, micromicaceous, with laminations

of black carbonaceous material, and occasionally graded to siltstone.

The sandstones were clear to white, firm to hard, very fine to fine, locally medium grained, well to moderately sorted, subrounded, with a moderate to good siliceous cement and no visual porosity. Associated with the sandstones below 3550m were medium to coarse sands. These consisted of clear, loose, subrounded to rounded, occasionally angular, moderately well to poorly sorted quartz grains. Good traces of pyrite were recorded in the sandstones and sands.

The thin coals interbedded with the siltstones were black, hard, brittle and bituminous with a vitreous lustre.

The limestones were off-white to pale green, firm to moderately hard, blocky to platey, brittle and cryptocrystalline. Traces of brown dolomite and siderite were recorded between 3455m and 3482m. They were hard, brittle, blocky to nodular and microcrystalline.

The rate of penetration varied considerably due to the interbedded nature of the section, and averaged 2.5m/hr. A maximum of 13m/hr was recorded at 3526m, with a minimum of 0.8m/hr at 3459m.

Background gas averaged 0.12%, with a peak of 0.22% (C1 1174ppm, C2 60ppm C3 30ppm) at 3482m.

Trip gases of 0.33%, 0.22%, 0.20%, 0.15% and 0.15% were recorded from 3424m, 3479m, 3524m, 3540m and 3561m respectively. No shows were recorded.

Section 18 : 3591m - 3622m.

This section consisted predominantly of siltstones with minor claystones, with the top of this section marked by a thin limestone.

The siltstones were brick red, red-brown to dark red, soft to firm, amorphous to lumpy, slightly to moderately calcareous and locally hydrated.

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The claystones were off-white to pink, orange, light green, soft to firm, crumbly, chalky, locally hydrated, non to moderately calcareous, and contained abundant kaolinite.

The limestone at the top of the section was white, pinky white to light brown, very hard, brittle, blocky to angular, microcrystalline to crystalline and dolomitic.

The limestone from 3607m was white to off-white, soft to firm, amorphous to blocky, slightly argillaceous, cryptocrystalline and locally dolomitic.

The rate of penetration averaged 2.25m/hr, with a maximum of 3m/hr at 3592m, and a minimum of 1.4m/hr at 3606m.

Background gas was consistent at 0.08%, consisting entirely of methane (C1).

A wiper trip gas of 0.21% was recorded at 3622m.

No shows were recorded.

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SECTION 4

EVALUATION AND TESTING

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EVALUATION AND TESTING

LOGGING

The following is a summary of Dresser Atlas wireline logs run on this well :

Depth (driller) (m)	Logged Interval (m)	Log Run
815	412 - 815	DIFL/BHC-SP/CAL/GR
		(GR to sea-bed)
		CDL/GR/CAL
920	801 - 906	DIFL/BHC-CDL-GR-SP-CAL
		CORGUN-GR-CAL
1400	923 - 1400	DIFL/BHC-ACOUSTILOG-GR-SP-CAL
		CDL/CNL-GR-CAL
		HRDIP
		COREGUN (50 Shots)
2020	1390 - 2020	DIFL/ACL-GR-SP-CBL-ACBL
		CDL/CNL-SPECTRALOG
		DLL/MLL-GR
		HRDIP
		FMT (5 runs)
		VSP
		COREGUN (75 Shot)
		ACBL

EXPLORATION

EVALUATION AND TESTING cont.

Depth (driller) (m)	Logged Interval (m)	Log Run
3321	2750 - 3321	DIFL-ACOUSTIC-SP/CAL/GR
		CBL-GR-CCL
3622	2750 - 3622	DIFL/BHC/ACOUSTICLOG
		GR-SP-CAL
		CDL/CNL-GR-CAL
		HRDIP
		VSP
		FMT
		COREGUN (50 SHOTS)

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CORING

Four cores were cut with a total recovery of 52.02m. These were processed and packaged at the wellsite by the Statoil Wellsite Geologist assisted by Exploration Logging personnel. The cores were packed in labelled wooden cases and dispatched to Geco at Stavanger.

The following summarizes intervals cored and recovery made for each core:

Core #	Interval (m)	Cut (m)	Recovery (%)
1	2630.00 - 2632.50	2.50	90
2	2632.50 - 2645.27	12.77	100
3	3230.00 - 3248.50	18.50	100
4	3248.50 - 3267.00	18.50	100

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CEMENT DETAILS

30" CASING.

The 30" casing was cemented using class G cement with an 18.4 ton lead slurry of 1.56 sg, and a 13.2 ton tail slurry of 1.91 sg.

20" CASING.

The 20" casing was cemented using class G cement with a 64.6 ton lead slurry of 1.56 sg, and a 14.6 ton tail slurry of 1.9 sg.

13-3/8" CASING.

The 13-3/8" casing was cemented using class G cement with a 77.4 ton lead slurry of 1.56 sg, and a 12.3 ton tail slurry of 1.91 sg

9-5/8" CASING.

The 9-5/8" casing was cemented using class G cement with a 104.6 ton lead slurry of 1.9 sg, and a 129 ton tail slurry of 1.9 sg.

EXPLORATION FILES

FORMATION TESTS

Three formation tests were run over the reservoir section using a Dresser Atlas FMT tool, (readings are not temperature corrected):

Depth (m)	B.H.Pressure (kPa)	EQMW Ref Flowline (g/cc)	EQMW Ref Sea Level (g/cc)
3238	38632	1.218	1.228
3239	38652	1.219	1.228
3240.5	38673	1.220	1.228
3243	38714	1.219	1.229
3247.5	38721	1.218	1.227
3256	38783	1.217	1.226
3261.5	38873	1.217	1.227
3271.5	38983	1.217	1.226
3278	39052	1.217	1.226
3293.5	39217	1.216	1.226
3302.3	39321	1.216	1.226
3355	39824	1.212	1.222
3432	35483	1.213	1.222
3452	41312	1.222	1.231
3508	40306	1.17	1.182
3508.3	41567	1.21	1.220
3539	41891	1.20	1.218
3570	42208	1.21	1.216

The pressures gave a water gradient = 1.114 in the Jurrassic and 1.09 in the Triassic sand.

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SECTION 5

BIT, CASING & SURVEY RECORDS

EXPLORATION LOGGING

15/9-18 Bit Data Table

RUN #	BIT #	MAKE & TYPE	IADC CODE	DIAM inches	JETS 1/32 inch	START	METRES CUT	HOURS	FOB kdaN	RPM	PUMP bars	GRADE (G=1/32")
1	NB#1	HUGHES OCS-3AJ	1111	26	20:20:20	123	62	13	0-7	60	10-70	T1 B2 I
	Run with 36" hole opener											
2	RR#1	HUGHES OCS-3AJ	1111	26	20:20:20	Drilled casing shoe and 3m of formation						T2 B2 I
3	NB#2	SMITH SDT	1245	12.25	16:16:16	185	335	12.7	3-7	120	170	T3 B3 I
4	RR#2	SMITH SDT	1245	12.25	14:14:14	185	201					
	Run with 17.5" hole opener and 26" under-reamer											
5	RR#2	SMITH SDT	1245	12.25	10:10:11	386	201					T2 B3 I
	Run with 17.5" hole opener and 26" under-reamer											T3 B3 I
6	RR#1	HUGHES OCS-3AJ	1111	26	20:20:20	520	Gauged 26" under-reamed hole					T1 B2 I
7	NB#3	HUGHES X1G	1341	17.5	18:18:18	472	53	Drilled casing shoe and 3m of formation				
8	NB#4	SMITH SDS CN	1145	17.5	16:16:16:14	525	645	26.3	5-16	120	180	T4 B3 I
9	NB#5	REED FP 12	1273	12.25	16:16:16	1170	101	5.5	5-9	105	173	T2 B2 I
10	NB#6	HUGHES J1	1161	12.25	15:15:15	1271	779	48.7	5-10	105	205	T3 B4 I
11	NB#7	HUHGES J1	1161	12.25	15:15:15	2050	404	51.8	7-18	105	205	T5 B4 4
12	NB#8	HUGHES XDG	1351	12.25	15:15:15	2454	176	32.9	15-18	95-115	205	T8 B7 I
13	NB#9	CHRIS C22	9999	12.25		2630	2.5	1.6	5-10	80-110	210	3% worn
14	RR#9	CHRIS C22	9999	12.25		2632.5	12	8.9	7-16	137	142	5% worn
15	NB#10	HUGHES X1G	1341	12.25	15:15:15	2645.3	39.8	16.0	16-20	95-105	203	T7 B8 I
16	NB#11	CHRIS R140	8888	12.25	3x11 3x10	2684.4	19.1	11.4	5-7	180-205	215	60% worn
17	NB#12	SMITH F2	5275	12.25	15:15:15	2703.5	58.6	20.0	18-20	76	205	T1 B2 I
18	NB#13	SMITH SDT	1245	8.5	12:12:12	2762.0	Drilled out of casing cement and 3m formation					
19	RR#13						Made wiper trip to 2665m					
20	NB#14	D.BOART LX13	9999	8.5	TFA=4.38sq.cm	2765.0	275.0	46.2	13-18	850	280	30% Worn
21	NB#15	HUGHES JD8	3471	8.5	13:13:13	3040.0	1.0	1.3	5-20	45	80	T2 B2 I
22		Reverse circulation junk basket				3041.0	0.5	0.6	2-4	35	250	
23	RR#13	SMITH SDT	1245	8.5	open	Run with casing scraper prior to casing pressure test						
24	NB#16	HUGHES JD8	3471	8.5	13:13:13	3041.3	6.1	6.1	5-40	110	210	T1 B0 I
25	NB#17	HUGHES J4	2161	8.5	12:12:12	3047.4	80.0	29.4	14-15	100	210	T5 B6 I
26	NB#18	HUGHES J3	1361	8.5	11:11:11	3128.5	101.5	27.5	15-19	75-95	234	T5 B6 I
27	NB#19	CHRIS C22	8888	8.5		3230.0	18.5	7.7	8-10	90-115	111	10% Worn
28	RRB#19	CHRIS C22	8888	8.5		3248.5	18.5	10.1	8-11	85-110	113	10% Worn

15/9-18 Bit Data Table Cont.

RUN #	BIT #	MAKE & TYPE	IADC CODE	DIAM inches	JETS 1/32 inch	START	METRES CUT	HOURS	FOB kdaN	RPM	PUMP bars	GRADE (G=1/32")
29	NB#20	SECURITY S44F	1364	8.5	12:12:12	3267.0	55.3	13.2	15-19	80-95	208	T8 B8 2
30	NB#21	SECURITY S44F	1364	8.5	Run Open	Tagged Cement Plugs						
31	RRB#21	SECURITY S44F	1364	8.5	Run Open	Tagged Cement Plugs						
32	NB#22	HUGHES J4	2161	8.5	12:12:12	3321.0	41.0	15.7	16-22	85	198	T7 B4 I
33	NB#23	HUGHES J22	5171	8.5	12:12:12	3362.0	62.0	13.1	19-22	62-72	199-208	T3 B2 I
34	NB#24	HUGHES J22	5171	8.5	12:12:12	3424.0	57.0	32.4	18-20	58-64	199-208	No Cones
35	NB#25	HUGHES R8DJ	3211	8.5	13:13:13	3481.0	1.0	1.8	18	43-65	110-175	Junk Bit
36	NB#26	HUGHES JD4	2171	8.5	12:12:12	3482.0	42.0	16.0	19	80	210	T7 B4 I
37	NB#27	HUGHES J4	2161	8.5	11:11:12	3524.0	16.1	9.1	20	77	197-204	T7 B4 I
38	NB#28	HUGHES JD4	2171	8.5	11:11:12	3540.0	20.2	10.2	15-19	87-93	190-205	T7 B4 I/6
39	NB#29	HUGHES J33	5271	8.5	11:11:12	3560.5	62.0	27.0	15-20	60	190-205	T4 B8 I

Exploration Logging

15/9-18 Hydraulic Data

Hydraulics Data for rock and core bits drilling significant lengths of hole :

BIT#	JETS	M.W g/cc	FLOW m^3 min	PV cp	YP	ECD g/cc	ANNULAR VEL COLLARS m/min	PRESSURE LOSS bars	% LOSS AT BIT	NOZZLE VEL m/sec	HYDRAULIC POWER kW	JET IMPACT kg
2	16:16:16	1.08	3.33	18	24	1.10	76	177	72	146	946	891
4	3x16:14	1.10	3.40	20	12	1.12	31.1	161	53	118.8	652	754
5	16:16:16	1.13	2.91	18	12	1.15	66.7	199.7	56	102.3	625	721
6	15:15:15	1.13	2.76	16	17	1.15	63.4	200.5	59	137.9	734	731
7	15:15:15	1.23	2.54	16	20	1.25	58.3	194.9	56	126.9	623	674
8	15:15:15	1.23	2.52	15	15	1.25	57.8	204	53	125.8	612	668
9		1.23	2.28	14	16	1.25	52.3	200	60	133	616	635
10	15:15:15	1.23	2.40	18	17	1.24	55	192	51	119.8	523	600
11	3x10:3x11	1.23	2.50	18	16	1.24	57	214	52	127	615	665
12	15:15:15	1.23	2.43	17	21	1.24	55.7	194.5	51	121	543	615
14	Eq 3x18	1.24	1.77	16	12	1.28	177.43	124	20	61	100.8	227
17	12:12:12	1.39	1.54	21	12	1.42	101.4	207.3	54	120.1	320.0	437
18	11:11:11	1.42	1.50	22	11	1.45	98.7	248	61	139.2	510.0	503
19		1.42	1.21	23	13	1.45	79.7	102.7	28	60.0	77.7	177
20	12:12:12	1.42	1.54	20	12	1.45	101.6	214.7	52	119.8	386.2	443
21		1.42	Tagged Cement Plug									
22	12:12:12	1.42	1.48	25	12	1.46	97.4	206	51	115.4	346	412
23	12:12:12	1.42	1.50	24	13	1.46	99.1	218	50	118	365	427

Reproduction Logging

Hydraulics Data for rock and core bits drilling significant lengths of hole :

BIT#	JETS	M.W g/cc	FLOW m^3 min	PV cp	YP	ECD g/cc	ANNULAR VEL COLLARS m/min	PRESSURE LOSS bars	% LOSS AT BIT	NOZZLE VEL m/sec	HYDRAULIC POWER kW	JET IMPACT kg
24	12:12:12	1.42	1.51	24	13	1.46	99.4	220	50	118	368	429
25	13:13:13	1.42	1.46	25	13	1.46	96.1	181	41	97	241	341
26	12:12:12	1.42	1.51	24	12	1.46	99.6	224	49	118	370	431
27	11:11:12	1.42	1.39	24	12	1.46	91.6	218	53	121	361	408
28	11:11:12	1.42	1.39	24	14	1.46	91.6	218	53	121	361	408
29	11:11:12	1.42	1.46	23	12	1.46	96.6	239	54	128	423	454

Exploration Logging

SURVEY RECORD

The following is a list of deviation surveys taken during the drilling of well 15/9-18 :

SURVEY DEPTH	COURSE LENGTH	INCL. ANGLE	AZIMUTH ANGLE	VERTICAL DEPTH	POSITION N-S	POSITION E-W	deg/100m
123.Ø	-	Ø.ØØ	Ø.ØØ	123.Ø	Ø.Ø	Ø.Ø	Ø.ØØ
175.Ø	52.Ø	1.5Ø	149.ØØ	175.Ø	-.6	.4	.88
52Ø.Ø	345.Ø	.25	238.ØØ	52Ø.Ø	-4.9	2.Ø	.13
6Ø4.Ø	84.Ø	.75	275.ØØ	6Ø4.Ø	-4.9	1.3	.2Ø
748.Ø	144.Ø	Ø.ØØ	Ø.ØØ	747.9	-4.8	.4	.16
861.Ø	113.Ø	.75	59.ØØ	86Ø.9	-4.4	1.Ø	.2Ø
959.Ø	98.Ø	.75	91.ØØ	958.9	-4.1	2.2	.13
1Ø65.Ø	1Ø6.Ø	.5Ø	2Ø.ØØ	1Ø64.9	-3.7	3.1	.22
1164.Ø	99.Ø	.5Ø	358.ØØ	1163.9	-2.9	3.2	.Ø5
1265.Ø	1Ø1.Ø	.5Ø	39.ØØ	1264.9	-2.1	3.5	.1Ø
1362.Ø	97.Ø	.25	195.ØØ	1361.9	-2.Ø	3.7	.23
1468.Ø	1Ø6.Ø	.5Ø	198.ØØ	1467.9	-2.6	3.5	.Ø7
1573.Ø	1Ø5.Ø	.75	237.ØØ	1572.9	-3.4	2.8	.14
1679.Ø	1Ø6.Ø	1.ØØ	224.ØØ	1678.9	-4.5	1.5	.Ø9
1785.Ø	1Ø6.Ø	1.ØØ	218.ØØ	1784.9	-5.9	.3	.Ø2
1890.Ø	1Ø5.Ø	1.ØØ	234.ØØ	1889.9	-7.1	-1.Ø	.Ø8
1890.Ø	1Ø5.Ø	1.ØØ	Totco Survey only, no directional data				

CONFIDENTIAL

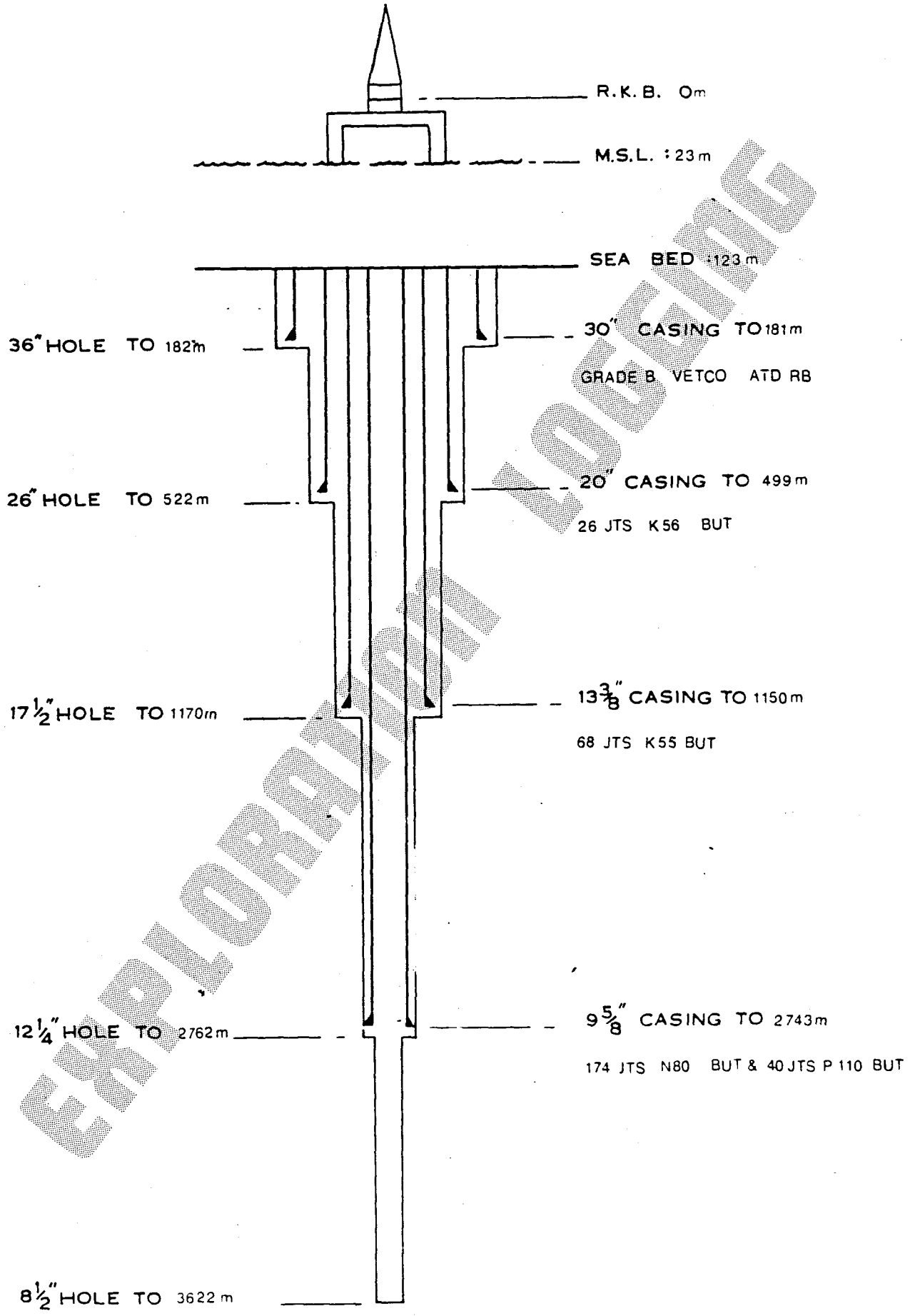
SURVEY RECORD cont.

SURVEY DEPTH	COURSE LENGTH	INCL. ANGLE	AZIMUTH ANGLE	VERTICAL DEPTH	POSITION N-S	POSITION E-W	deg/100m
1996.0	106.0	1.00	Totco Survey only, no directional data.				
2172.0	282.0	2.25	240.00	2171.8	-11.3	-7.8	.14
2298.0	126.0	2.25	Totco Survey only, no directional data.				
2345.0	173.0	2.25	236.00	2344.6	-14.9	-13.5	.02
2373.0	28.0	2.25	244.00	2372.6	-15.5	-14.5	.33
2490.0	117.0	1.75	245.00	2489.5	-17.2	-18.2	.13
2626.0	136.0	1.00	249.00	2625.5	-18.5	-21.1	.17
2680.0	54.0	.75	209.00	2679.5	-19.0	-21.8	.36
2699.0	19.0	.50	200.00	2698.5	-19.2	-21.8	.41
2758.0	59.0	.50	115.00	2757.5	-19.6	-21.7	.35
2865.0	107.0	.75	66.00	2864.5	-19.5	-20.6	.16
2959.0	94.0	.75	84.00	2958.5	-19.2	-19.5	.07
3034.0	75.0	1.00	76.00	3033.5	-19.0	-18.3	.11
3122.0	88.0	1.00	72.00	3121.4	-18.5	-16.9	0.00
3224.0	102.0	2.00	34.00	3223.5	-18.7	-14.2	.37
3315.0	91.0	2.00	54.00	3314.4	-14.6	-12.8	0.76
3356.0	41.0	2.00	57.00	3355.4	-13.8	-11.6	0.19
3418.0	62.0	1.50	92.00	3417.4	-13.3	-9.9	1.86
3475.0	57.0	1.00	98.00	3475.3	-13.4	-8.7	0.90
3518.0	43.0	1.00	110.00	3517.3	-13.4	-8.1	0.46

EXPLORATION DRILLING

CASING RECORD

NOT TO SCALE



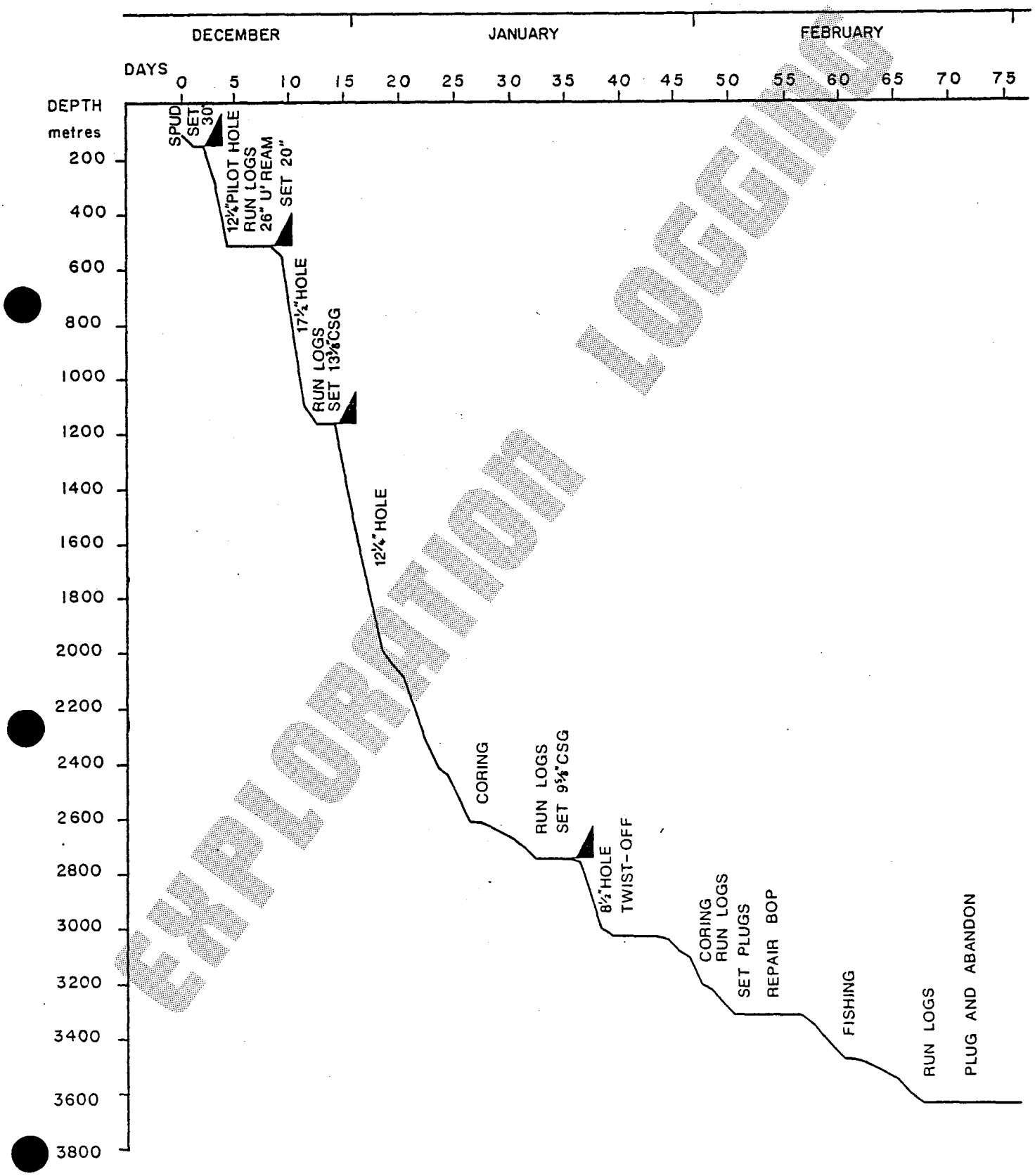
EXPLORATION DRILLING

SECTION 6

DRILLING PROGRESS RECORD

EXPLORATION LOGGING

DAILY DRILLING PROGRESS CHART



EXPLORATION LIBRARY

STATOIL : 15/9-18

Data Printed at time 11:09 Date Feb 24 '84
Data Received at time 19:28 Date Dec 15 '83

STATOIL : 15/9-18
Spudded 16/12/83; Rig : Deepsea Bergen
RKB - MSL : 23m RKB - Sea Bed : 123m
Bit #1, HTC OSC 3AJ, 26" with 3x24 jets, run below a 36" Hole Opener with 4x20 jets.

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXECD	
	Date	Dec 16 '83																									
8	0807	124.0	4.90	0.0	0.0	0	.46	6.89	1.61	0.00	47.86	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	1.0	.2	.0	0.00	1.01	1.03	1.02	D
9	0822	125.0	3.96	0.0	0.0	0	.79	6.89	1.61	0.00	47.86	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	2.0	.5	.0	0.00	1.01	1.03	1.02	D
10	0847	126.0	2.41	0.0	0.0	0	.89	11.03	1.90	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	6.0	.9	.0	0.00	1.01	1.03	1.02	D
11	0902	127.0	3.92	0.0	0.0	0	.82	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	7.0	1.1	.1	0.00	1.01	1.03	1.02	D
12	0912	128.1	6.95	0.0	0.0	0	.62	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	8.0	1.3	.1	0.00	1.01	1.03	1.02	D
13	0921	129.0	6.16	0.0	0.0	0	.69	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	9.0	1.4	.1	0.00	1.01	1.03	1.02	D
14	0933	130.1	5.19	0.0	0.0	0	.93	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	9.9	1.6	.1	0.00	1.01	1.03	1.02	D
15	0951	131.0	3.12	0.0	0.0	0	.91	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	10.9	1.9	.1	0.00	1.01	1.03	1.02	D
16	1007	132.0	3.83	0.0	0.0	0	.82	19.31	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	12.0	2.2	.1	0.00	1.01	1.03	1.02	D
17	1026	133.0	3.45	46.8	150	18	1.14	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	13.0	2.5	.2	.65	1.02	1.03	1.02	D
18	1030	134.0	14.9	156	329	69	2.38	19.31	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	14.0	2.6	.2	.70	1.02	1.03	1.02	D
19	1035	135.0	10.9	177	323	74	4.09	19.99	2.46	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	15.0	2.7	.2	.83	1.02	1.03	1.02	D
20	1051	136.0	5.71	172	332	73	3.26	19.31	2.46	0.00	47.54	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	17.0	2.9	.2	.91	1.02	1.03	1.02	D
21	1051	137.0	5.71	172	332	73	3.26	19.31	2.46	0.00	47.54	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	17.0	2.9	.2	.91	1.02	1.03	1.02	D
22	1101	138.0	5.98	196	340	72	3.74	19.99	2.47	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	18.0	3.1	.2	.92	1.02	1.03	1.02	D
23	1112	139.0	5.39	187	332	73	3.94	19.99	2.47	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	19.0	3.3	.3	.95	1.02	1.03	1.02	D
24	1124	140.0	4.76	180	335	71	3.69	19.99	2.47	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	20.0	3.5	.3	.95	1.02	1.03	1.02	D
25	1152	141.0	2.15	181	337	71	4.20	32.41	3.05	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	21.0	4.0	.3	1.11	1.02	1.03	1.02	D
26	1157	142.0	11.7	190	335	70	4.54	31.72	3.05	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	22.0	4.0	.3	.83	1.02	1.03	1.02	D
27	1202	143.0	12.1	184	329	67	4.10	31.72	3.05	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	23.0	4.1	.3	.80	1.02	1.03	1.02	D
28	1206	144.0	14.8	194	308	66	4.07	31.72	3.05	0.00	47.70	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	24.0	4.2	.3	.76	1.02	1.03	1.02	D
29	1413	145.0	11.1	207	373	65	4.58	59.98	4.26	0.00	32.59	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	24.9	6.2	.4	.82	1.02	1.03	1.02	D
30	1421	146.0	7.64	208	357	70	5.52	59.98	4.27	0.00	32.59	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	26.0	6.4	.4	.93	1.01	1.03	1.02	D
33	1622	147.0	10.9	196	363	63	5.81	51.71	3.82	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	27.0	8.3	.4	.86	1.02*	1.03	1.02	D
34	1630	148.0	7.02	237	364	65	6.87	51.71	3.85	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	28.0	8.4	.4	.93	1.01	1.03	1.02	D
35	1640	149.0	6.32	209	364	65	6.22	52.40	3.86	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	29.0	8.6	.4	.98	1.02	1.03	1.02	D
36	1644	150.0	13.5	262	363	62	6.15	52.40	3.86	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	30.0	8.7	.4	.82	1.02	1.03	1.02	D
37	1649	151.0	11.8	224	366	59	6.02	51.71	3.86	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	31.0	8.7	.4	.84	1.03	1.03	1.02	D
38	1652	152.0	22.7	287	363	59	2.45	52.40	3.86	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	32.0	8.8	.5	.61	1.02	1.03	1.02	D
39	1656	153.0	15.5	215	363	61	2.86	51.71	3.86	0.00	32.12	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	32.9	8.9	.5	.70	1.03	1.03	1.02	D
40	1731	154.0	3.74	192	361	65	5.15	51.71	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	34.0	9.2	.5	1.04	1.03*	1.03	1.02	D
41	1737	155.0	11.8	239	363	66	5.61	52.40	3.81	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	35.0	9.3	.5	.85	1.03	1.03	1.02	D
42	1741	156.0	12.6	214	363	66	5.44	52.40	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	36.0	9.4	.5	.83	1.03	1.03	1.02	D
43	1746	157.0	15.0	192	363	66	4.89	51.71	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	37.0	9.4	.5	.78	1.03	1.03	1.02	D
44	1750	158.0	12.4	175	361	68	5.01	52.40	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	38.0	9.5	.6	.82	1.03	1.03	1.02	D
45	1754	159.0	14.8	180	363	68	5.03	52.40	3.81	0.00	29.25	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	39.0	9.6	.6	.79	1.03	1.03	1.02	D
46	1800	160.0	10.4	168	341	68	4.88	53.09	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	39.9	9.7	.6	.85	1.03	1.03	1.02	D
47	1803	161.0	16.9	196	359	67	5.29	53.09	3.81	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	40.8	9.7	.6	.77	1.03	1.03	1.02	D
48	1810	162.1	10.6	189	359	68	5.29	53.09	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	42.0	9.8	.6	.86	1.03	1.03	1.02	D
49	1816	163.0	9.05	184	362	67	5.71	52.40	3.82	0.00	29.09	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	43.0	10.0	.6	.90	1.02*	1.03	1.02	D
50	1854	164.0	9.72	137	364	67	2.88	55.16	3.81	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	44.0	10.3	.7	.79	1.03	1.03	1.02	D
51	1856	165.2	38.5	323	365	46	4.19	55.16	3.82	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	45.0	10.3	.7	.53	1.02	1.03	1.02	D
52	1857	166.0	28.6	134	364	65	2.28	55.16	3.82	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	46.0	10.3	.7	.58	1.03*	1.03	1.02	D
53	1900	167.0	24.7	154	365	60	2.56	55.16	3.83	0.00	24.17	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	47.0	10.4	.7	.61	1.02	1.03	1.02	D
54	1906	168.0	10.6	206	365	63	5.23	55.16	3.82	0.00	24.17	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	47.9	10.5	.7	.84	1.03	1.03	1.02	D

STATOIL : 15/9-18

Data Printed at time 11:15 Date Feb 24 '84
Data Received at time 19:08 Date Dec 16 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	REG IN	REG OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	BXB	ECD	NXND	
55	1908	169.0	35.1	199	364	59	2.90	55.16	3.82	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	48.9	10.5	.7	.56	1.02	1.03	1.02	D
56	1909	170.0	57.0	223	363	68	2.40	55.16	3.83	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	50.0	10.5	.8	.49	1.03	1.03	1.02	D
57	1910	171.0	52.4	133	363	68	2.26	55.16	3.82	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	50.9	10.5	.8	.50	1.02	1.03	1.02	D
58	1915	172.0	11.0	159	322	69	5.36	55.16	3.83	0.00	24.17	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	52.0	10.6	.8	.86	1.03	1.03	1.02	D
59	1918	173.0	26.6	247	364	56	4.78	55.16	3.82	0.00	24.33	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	53.0	10.7	.8	.65	1.02	1.03	1.02	D
60	1956	174.0	19.7	195	364	55	4.08	58.61	3.88	0.00	19.40	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	53.9	11.0	.8	.68	1.03	1.03	1.02	D
61	1959	175.0	23.3	207	363	63	5.55	57.23	3.83	0.00	19.56	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	55.0	11.0	.8	.71	1.03	1.03	1.02	D
62	2002	176.2	22.6	206	363	63	5.96	57.92	3.83	0.00	19.40	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	55.9	11.1	.8	.73	1.03	1.03	1.02	D
63	2007	177.1	11.3	200	363	61	5.99	57.92	3.82	0.00	19.40	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	56.9	11.2	.9	.85	1.03	1.03	1.02	D
64	2012	178.0	11.2	163	362	64	5.00	57.23	3.83	0.00	19.56	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	57.9	11.3	.9	.83	1.03	1.03	1.02	D
65	2017	179.1	15.3	216	364	61	5.45	57.23	3.83	0.00	19.40	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	58.8	11.3	.9	.78	1.03	1.03	1.02	D
66	2025	180.0	7.23	164	366	65	2.64	57.23	3.83	0.00	19.56	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	60.0	11.5	.9	.82	1.04	1.03	1.02	D
67	2059	181.1	2.71	203	363	66	6.06	57.23	3.83	0.00	40.38	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	61.0	12.0	.9	.63	1.03	1.03	1.02	D
68	2122	182.2	3.26	181	364	67	4.84	57.92	3.83	0.00	40.38	0.0	0.00	1.03	0.00	0.0	0.0	.000	.000	61.9	12.4	.9	.59	1.04	1.03	1.02	D
Pull wiper trip. Run 30" casing, shoe set at 181m.																											
Drill cement, run riser with pin connector.																											
RIH with NB#2 Smith SDT 12.25" to drill pilot hole																											
	Date	Dec 18 '83																									
74	1726	183.0	67.0	104	112	57	3.42	170.3	3.31	3.31	262.0	185.0	.010	1.03	1.04	8.6	4.6	.135	.605	1.0	.1	.0	.32	.74	1.13	1.02	D
75	1727	185.0	50.0	99.6	106	57	3.28	170.3	3.30	3.31	87.28	185.0	.010	1.03	1.04	8.6	4.8	.135	.605	3.0	.1	.0	.35	.74	1.07	1.02	D
76	1729	186.0	48.9	99.1	120	57	3.50	169.6	3.31	3.31	85.54	185.0	.010	1.03	1.04	8.6	4.9	.135	.605	4.0	.1	.0	.35	.74	1.08	1.02	D
77	1730	187.0	50.9	97.0	112	58	3.71	169.6	3.32	3.31	83.31	185.0	.010	1.03	1.04	8.7	5.1	.135	.605	5.0	.1	.0	.35	.74	1.07	1.02	D
79	1732	188.0	26.8	95.4	110	58	3.98	169.6	3.32	3.31	79.02	185.0	.010	1.03	1.04	8.7	8.9	.135	.605	6.0	.1	.0	.43	.74	1.07	1.02	D
80	1735	189.0	23.3	93.0	116	58	4.24	169.6	3.31	0.00	76.95	185.0	.010	1.03	1.04	8.7	7.7	.000	.000	7.0	.2	.0	.80	.74	1.05	1.02	D
81	1737	190.3	9.58	52.695.0		58	4.26	170.3	3.31	3.31	75.20	185.0	0.00	1.03	1.04	8.8	10.0	.000	.000	8.3	.2	.0	.99	.74	1.05	1.02	D
82	1748	191.0	94.0	107	120	58	4.57	171.0	3.30	3.30	71.86	187.8	.030	1.03	1.04	9.0	10.7	.086	.605	8.9	.2	.0	.52	.74	1.04	1.02	D
83	1749	192.0	46.1	97.8	113	59	4.38	170.3	3.30	3.30	71.07	188.8	.030	1.03	1.04	9.1	10.7	.132	.610	10.0	.2	.0	.67	.74	1.05	1.02	D
84	1750	193.0	43.3	91.596.0		59	4.34	170.3	3.32	3.32	70.75	189.4	.030	1.03	1.04	9.1	10.7	.145	.607	11.0	.3	.0	.68	.74	1.05	1.02	D
85	1752	194.0	37.3	87.596.0		59	4.36	170.3	3.32	3.32	71.39	190.1	.020	1.03	1.04	9.2	10.9	.190	.609	12.0	.3	.0	.71	.74	1.05	1.02	D
86	1754	195.0	32.5	85.189.0		59	4.30	170.3	3.32	3.32	71.86	190.7	.020	1.03	1.04	9.2	10.9	.253	.608	13.0	.3	.0	.74	.74	1.05	1.03	D
87	1756	196.0	24.6	82.587.0		59	4.37	170.3	3.32	3.32	72.02	191.9	.020	1.03	1.04	9.2	11.1	.293	.599	14.0	.4	.0	.80	.74	1.05	1.03	D
88	1757	197.0	68.7	81.989.0		59	4.54	170.3	3.32	3.32	72.02	191.9	.020	1.03	1.04	9.1	11.1	.302	.596	15.0	.4	.0	.58	.74	1.05	1.03	D
89	1759	198.0	35.6	80.887.0		59	4.45	170.3	3.31	3.31	71.86	191.9	.010	1.03	1.04	9.2	11.2	.301	.598	16.0	.4	.0	.72	.74	1.06	1.03	D
90	1800	199.0	41.6	80.185.0		59	4.50	170.3	3.31	3.31	71.54	191.9	.020	1.03	1.04	9.2	11.0	.291	.599	17.0	.4	.0	.68	.74	1.06	1.03	D
91	1813	200.0	62.0	83.9	100	66	4.38	173.7	3.08	3.08	74.57	195.6	.060	1.03	1.04	9.5	10.9	.286	.589	17.9	.5	.0	.63	.74	1.05	1.03	D
92	1814	201.0	658	115	133	76	4.45	173.7	3.12	3.12	74.25	195.7	.060	1.03	1.04	9.5	10.9	.286	.589	18.8	.5	.0	.16	.74	1.05	1.03	D
93	1814	203.1	378	106	137	76	4.25	173.7	3.22	3.22	73.77	195.9	.070	1.03	1.04	9.5	10.7	.285	.591	21.1	.5	.0	.27	.74	1.05	1.03	D
94	1820	204.0	20.7	98.3	152	76	4.71	174.4	3.33	3.33	69.64	199.4	.060	1.03	1.04	9.9	11.2	.295	.570	22.0	.6	.1	.90	.75	1.05	1.03	D
95	1822	205.0	31.3	110	183	75	4.70	175.1	3.33	3.33	69.16	200.8	.060	1.03	1.04	10.0	11.3	.307	.566	23.0	.6	.1	.81	.75	1.05	1.03	D
96	1824	206.0	32.8	110	171	76	5.31	175.8	3.33	3.33	69.16	201.3	.050	1.03	1.04	10.1	11.2	.300	.564	23.9	.7	.1	.82	.75	1.05	1.03	D
97	1827	207.0	17.9	106	342	81	5.13	176.5	3.33	3.33	69.00	202.0	.050	1.03	1.04	10.3	11.2	.309	.562	25.0	.7	.1	.96	.75	1.05	1.03	D
98	1829	208.1	26.5	112	145	108	4.92	175.8	3.33	3.33	69.00	204.7	.040	1.03	1.04	10.3	11.5	.309	.553	26.0	.8	.1	.94	.75	1.05	1.03	D
99	1831	209.0	24.9	112	147	109	5.46	177.2	3.34	3.34	68.84	204.7	.030	1.03	1.04	10.4	12.0	.302	.550	27.0	.8	.1	.97	.75	1.05	1.03	D
100	1855	210.1	12.7	105	211	97	6.97	177.9	3.29	3.29	67.73	210.4	.030	1.03	1.04	11.0	12.7	.294	.560	28.0	1.0	.1	1.18	.75	1.03	1.03	D
101	1858	211.1	19.2	152	188	118	10.3	177.2	3.30	3.30	67.73	211.0	.030	1.03	1.04	11.1	12.6	.289	.563	29.0	1.0	.2	1.24	.75	1.03	1.03	D
102	1900	212.0	28.4	193	223	118	9.37	176.5	3.30	3.30	67.57	211.0	.030	1.03	1.04	11.3	12.5	.291	.571	30.0	1.1	.2	1.11	.75	1.04	1.03	D
103	1902	213.0	31.4	197	231	119	9.72	176.5	3.30	3.30	67.41	211.0	.030	1.03	1.04	11.3	12.8	.286	.566	31.0	1.1	.2	1.09	.75	1.04	1.03	D
104	1904	214.0	33.8	193	223	119	9.54	175.8	3.31	3.31	67.25	211.0	.030	1.03	1.04	11.4	12.9	.280	.564	32.0	1.1	.2	1.06	.75	1.04	1.03	D
105	1906	215.0	24.6	189	234	119	9.53	175.8	3.31	3.31	67.25	211.2	.030	1.03	1.04	11.5	13.3	.285	.564	32.9	1.2	.2	1.14	.75	1.05	1.03	D
106	1908	216.0	25.7	195	236	119	9.59	174.4	3.30	3.30	67.41	211.5	.030	1.03	1.04	11.6	13.5	.285	.563	33.9	1.2	.3	1.13	.75	1.05	1.03	D

STATOIL : 15/9-18

Data Printed at time 11:21 Date Feb 24 '84
Data Received at time 19:11 Date Dec 18 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
107	1911	217.0	24.3	203	248	120	11.1	173.7	3.30	3.30	66.77	212.1	.030	1.03	1.04	11.7	13.6	.283	.566	35.0	1.2	.3	1.19	.75	1.05	1.03	D
108	1913	218.1	22.9	222	261	119	12.4	173.7	3.31	3.31	66.30	213.2	.030	1.03	1.04	11.8	13.7	.289	.563	36.0	1.3	.3	1.24	.75	1.05	1.03	D
109	1928	219.0	37.0	221	298	116	11.4	181.3	3.33	3.33	65.03	217.5	.040	1.07	1.11	12.3	14.5	.309	.563	36.9	1.4	.4	1.09	.75	1.04	1.03	D
110	1929	220.0	121	242	290	116	10.6	180.6	3.33	3.33	64.07	217.6	.040	1.07	1.11	12.3	14.5	.319	.564	38.0	1.4	.4	.75	.75	1.04	1.03	D
111	1930	221.0	62.3	210	282	117	9.90	178.6	3.33	3.33	63.12	217.9	.050	1.07	1.11	12.3	14.6	.321	.560	39.0	1.4	.4	.91	.75	1.05	1.03	D
112	1931	222.0	64.2	185	239	118	8.45	178.6	3.33	3.33	62.80	218.1	.050	1.07	1.11	12.4	14.6	.315	.561	40.0	1.4	.4	.86	.75	1.05	1.03	D
113	1932	223.0	47.2	137	201	121	6.50	178.6	3.33	3.33	62.64	218.4	.050	1.07	1.11	12.4	14.6	.308	.563	41.0	1.5	.4	.88	.75	1.06	1.03	D
114	1933	224.0	43.9	131	155	120	6.40	177.9	3.34	3.34	62.48	218.8	.050	1.07	1.11	12.5	14.7	.314	.556	42.0	1.5	.4	.89	.75	1.06	1.03	D
115	1935	225.0	28.1	121	145	120	5.64	174.4	3.30	3.30	64.71	218.8	.040	1.07	1.11	12.6	14.8	.323	.558	43.0	1.5	.4	.95	.75	1.07	1.03	D
116	1938	226.0	24.0	105	125	120	4.32	174.4	3.30	3.30	64.07	218.9	.040	1.07	1.11	12.7	14.9	.328	.560	44.0	1.6	.4	.92	.76	1.08	1.02	D
117	1940	227.0	25.6	106	129	121	4.36	174.4	3.31	3.31	63.28	218.9	.040	1.07	1.11	12.8	15.0	.322	.561	45.0	1.6	.4	.90	.76	1.09	1.02	D
118	1955	228.0	22.0	82.9	133	115	3.80	177.2	3.32	3.32	61.69	226.0	.050	1.07	1.11	13.3	15.2	.311	.563	46.0	1.7	.5	.91	.76	1.08	1.02	D
119	1957	229.0	25.7	103	128	114	3.88	177.2	3.32	3.32	60.73	226.9	.050	1.07	1.11	13.4	15.3	.309	.560	47.0	1.7	.5	.88	.76	1.08	1.02	D
120	1959	230.0	28.5	103	124	113	4.00	177.2	3.32	3.32	60.10	227.8	.050	1.07	1.11	13.5	15.3	.310	.561	48.0	1.8	.5	.86	.76	1.08	1.02	D
121	2001	231.0	34.9	104	136	113	4.32	176.5	3.32	3.32	59.62	228.4	.050	1.07	1.11	13.6	15.5	.312	.560	48.9	1.8	.5	.83	.76	1.08	1.02	D
122	2002	232.0	40.8	125	150	113	5.69	177.2	3.32	3.32	59.62	228.5	.050	1.07	1.11	13.6	15.5	.316	.558	50.0	1.8	.5	.85	.76	1.09	1.02	D
123	2004	233.0	45.8	113	141	113	5.05	177.2	3.32	3.32	59.46	228.5	.050	1.07	1.11	13.7	15.5	.322	.558	51.0	1.8	.5	.80	.76	1.09	1.02	D
124	2005	234.0	35.4	111	139	113	4.60	176.5	3.32	3.32	59.30	228.5	.040	1.07	1.11	13.8	15.4	.316	.556	52.0	1.9	.5	.83	.76	1.09	1.02	D
125	2006	235.0	51.5	105	130	113	4.15	176.5	3.32	3.32	59.30	228.5	.040	1.07	1.11	13.9	15.2	.318	.555	53.0	1.9	.5	.74	.76	1.10	1.02	D
126	2008	236.0	49.1	95.5	122	114	3.70	176.5	3.32	3.32	59.62	228.8	.040	1.07	1.11	13.9	15.3	.316	.557	54.0	1.9	.5	.73	.76	1.10	1.02	D
127	2022	237.1	22.5	81.3	127	114	3.56	177.2	3.31	3.31	59.14	233.8	.030	1.07	1.11	14.4	14.7	.304	.565	55.0	2.0	.6	.89	.76	1.09	1.02	D
128	2023	238.0	54.0	95.0	126	115	2.96	176.5	3.32	3.32	58.19	234.4	.080	1.07	1.11	14.4	14.7	.292	.567	56.0	2.0	.6	.69	.76	1.09	1.02	D
129	2025	239.0	26.0	116	161	116	4.03	176.5	3.31	3.31	56.76	235.9	.070	1.07	1.11	14.5	14.5	.292	.567	56.9	2.1	.6	.88	.76	1.09	1.02	D
130	2026	240.0	49.1	117	172	115	3.09	176.5	3.32	3.32	56.12	237.0	.070	1.07	1.11	14.5	14.2	.299	.560	58.0	2.1	.6	.72	.76	1.08	1.02	D
131	2029	241.0	22.2	82.8	142	116	2.23	175.8	3.32	3.32	55.01	237.9	.060	1.07	1.11	14.6	14.1	.298	.549	59.0	2.1	.6	.81	.76	1.09	1.02	D
132	2032	242.0	20.4	80.0	96.0	117	2.31	175.8	3.31	3.31	53.90	238.0	.050	1.07	1.11	14.7	14.3	.297	.546	60.0	2.2	.6	.83	.76	1.09	1.02	D
133	2035	243.0	22.2	82.0	167	116	2.33	175.1	3.31	3.31	54.21	238.0	.050	1.07	1.11	14.8	14.7	.296	.545	61.0	2.2	.6	.82	.76	1.09	1.02	D
134	2037	244.0	25.2	85.2	146	116	2.37	175.1	3.32	3.32	54.37	239.0	.060	1.07	1.11	14.9	15.0	.297	.565	62.0	2.3	.7	.80	.76	1.09	1.02	D
135	2039	245.0	28.8	79.8	103	117	2.40	175.1	3.32	3.32	54.37	240.0	.080	1.07	1.11	14.9	15.0	.298	.550	63.0	2.3	.7	.77	.76	1.09	1.02	D
136	2049	246.1	41.5	69.5	93.0	115	.43	177.9	3.31	3.31	58.19	242.8	.100	1.07	1.11	15.0	15.4	.306	.543	63.8	2.4	.7	.53	.76	1.09	1.02	D
137	2053	247.0	28.2	77.0	81.0	112	2.40	177.9	3.33	3.33	57.71	244.2	.160	1.07	1.11	14.9	16.0	.310	.548	65.0	2.4	.7	.55	.76	1.09	1.03	D
138	2055	248.0	34.8	74.7	98.0	111	5.10	177.9	3.33	3.33	58.03	245.1	.160	1.07	1.11	14.9	16.1	.313	.554	66.0	2.4	.7	.87	.76	1.09	1.03	D
139	2057	249.0	45.0	80.1	111	111	1.94	177.9	3.34	3.34	57.87	245.8	.150	1.07	1.11	15.0	16.1	.308	.555	67.0	2.4	.7	.66	.76	1.09	1.03	D
140	2059	250.0	23.1	76.7	106	111	5.93	177.9	3.34	3.34	58.19	247.0	.090	1.07	1.11	15.0	16.0	.309	.540	68.0	2.5	.7	.98	.76	1.09	1.03	D
141	2101	251.0	37.1	79.5	110	111	6.85	177.9	3.34	3.34	58.19	247.0	.060	1.07	1.11	15.0	15.9	.310	.536	69.0	2.5	.7	.90	.77	1.09	1.02	D
142	2103	252.0	30.4	83.4	115	111	7.40	177.9	3.34	3.34	58.35	247.2	.060	1.07	1.11	15.1	15.9	.307	.556	70.0	2.5	.7	.96	.77	1.09	1.02	D
143	2105	253.0	36.6	86.6	123	111	7.39	177.9	3.34	3.34	58.19	248.1	.060	1.07	1.11	15.1	15.9	.306	.553	71.0	2.6	.7	.92	.77	1.09	1.02	D
144	2106	254.0	37.4	90.3	123	111	6.08	177.9	3.34	3.34	58.35	248.2	.050	1.07	1.11	15.2	15.9	.307	.551	72.0	2.6	.7	.87	.77	1.09	1.02	D
145	2107	255.0	54.8	76.7	93.0	111	5.13	177.9	3.35	3.35	58.19	248.3	.050	1.07	1.11	15.2	15.9	.313	.554	73.0	2.6	.7	.76	.77	1.10	1.02	D
146	2119	256.0	61.8	78.6	115	119	5.46	177.9	3.31	3.31	60.89	250.6	.050	1.07	1.11	15.4	16.1	.315	.571	74.0	2.7	.8	.76	.77	1.09	1.02	D
147	2121	257.0	37.9	79.7	96.0	119	4.90	177.2	3.32	3.32	60.10	251.5	.040	1.07	1.11	15.4	16.0	.312	.577	75.0	2.7	.8	.84	.77	1.09	1.02	D
148	2123	258.0	21.7	76.6	85.0	120	6.17	177.2	3.32	3.32	59.46	253.1	.060	1.08	1.11	15.5	16.1	.305	.554	76.0	2.7	.8	1.01	.77	1.09	1.02	D
149	2125	259.0	29.7	77.0	83.0	120	6.11	177.2	3.33	3.33	59.14	254.3	.070	1.08	1.11	15.5	16.2	.304	.566	77.0	2.8	.8	.94	.77	1.09	1.02	D
150	2127	260.0	26.2	75.8	82.0	120	6.14	176.5	3.32	3.32	58.51	255.9	.070	1.08	1.11	15.5	16.2	.309	.564	78.0	2.8	.8	.97	.77	1.09	1.02	D
151	2129	261.0	33.0	75.2	80.0	120	5.95	175.8	3.31	3.31	57.71	256.5	.150	1.08	1.11	15.6	16.0	.308	.545	79.0	2.8	.8	.93	.77	1.09	1.02	D
152	2132	262.0	27.8	74.7	79.0	120	5.94	175.8	3.32	3.32	57.71	256.5	.140	1.08	1.11	15.7	16.1	.310	.535	80.0	2.9	.8	.95	.77	1.09	1.02	D
153	2133	263.0	33.3	75.5	82.0	120	6.08	175.8	3.32	3.32	57.39	256.8	.120	1.08	1.11	15.7	16.1	.307	.546	81.0	2.9	.8	.91	.78	1.10	1.02	D
154	2135	264.0	44.8	74.0	78.0	119	6.00	175.8	3.32	3.32	57.24	253.0	.140	1.08	1.11	15.8	16.0	.308	.555	82.0	2.9	.9	.85	.78	1.10	1.02	D
155	2145	265.0	29.9	71.4	82.0	120	6.00	177.2	3.32	3.32	64.71	260.7	.090	1.08	1.11	15.6	16.1	.310	.536	82.9	3.0	.9	.94	.78	1.09	1.02	D
156	2146	266.0	51.5	79.1	89.0	122	5.55	177.2	3.32	3.32	63.59	261.2	.090	1.08	1.11	15.6	16.1	.307	.536	84.0	3.0	.9	.80	.78	1.10	1.02	D

STATOIL : 15/9-18

Data Printed at time 11:27 Date Feb 24 '84
Data Received at time 21:48 Date Dec 18 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NAMD	
157	2149	267.0	46.7	75.981.0		122	5.59	177.9	3.33	3.33	62.01	261.8	.080	1.08	1.11	15.6	16.1	.304	.536	85.0	3.0	.9	.82	.78	1.10	1.02	D
158	2149	268.0	44.7	75.580.0		122	5.67	177.2	3.33	3.33	60.57	262.4	.070	1.08	1.11	15.6	16.0	.304	.544	86.0	3.1	.9	.84	.78	1.10	1.02	D
159	2151	269.1	38.8	75.181.0		122	5.93	177.2	3.33	3.33	58.83	263.2	.090	1.08	1.11	15.6	16.0	.303	.526	87.0	3.1	.9	.88	.78	1.10	1.02	D
160	2152	270.0	40.4	75.382.0		122	5.84	177.2	3.33	3.33	57.39	263.9	.110	1.08	1.11	15.7	16.0	.301	.532	88.0	3.1	.9	.86	.78	1.10	1.02	D
161	2154	271.0	41.6	74.981.0		122	5.98	176.5	3.33	3.33	56.12	264.9	.120	1.08	1.11	15.7	16.1	.299	.536	89.0	3.1	.9	.86	.78	1.10	1.02	D
162	2155	272.0	40.5	74.478.0		122	6.11	177.2	3.34	3.34	55.01	265.8	.140	1.08	1.11	15.8	16.2	.298	.527	90.0	3.2	.9	.87	.78	1.11	1.02	D
163	2156	273.0	45.0	80.2 117		122	6.22	146.2	3.24	3.24	54.53	266.0	.130	1.08	1.11	15.8	16.2	.296	.509	91.0	3.2	.9	.84	.78	1.11	1.02	D
164	2218	274.0	24.6	75.382.0		122	6.32	146.2	3.24	1.07	56.60	269.5	.130	1.08	1.11	15.9	16.0	.299	.540	92.0	3.3	.9	.99	.78	1.10	1.02	D
165	2227	275.0	65.4	79.689.0		115	5.98	176.5	3.32	3.32	54.85	272.5	.210	1.08	1.11	15.6	16.5	.295	.526	93.0	3.4	1.0	.75	.78	1.09	1.02	D
166	2229	276.0	37.0	75.386.0		116	5.77	174.4	3.31	3.31	53.42	273.7	.250	1.08	1.11	15.6	16.5	.292	.520	94.0	3.4	1.0	.87	.78	1.09	1.02	D
167	2231	277.0	30.4	75.986.0		117	6.03	174.4	3.31	3.31	52.15	274.9	.260	1.08	1.11	15.5	16.3	.295	.496	95.0	3.4	1.0	.93	.78	1.09	1.02	D
168	2233	278.0	25.2	73.983.0		116	6.01	174.4	3.32	3.32	51.19	275.2	.240	1.08	1.11	15.5	16.1	.292	.496	96.0	3.5	1.0	.96	.78	1.10	1.02	D
169	2235	279.0	43.2	72.379.0		117	5.88	174.4	3.32	3.32	50.88	275.2	.260	1.08	1.11	15.5	15.8	.287	.491	97.0	3.5	1.0	.84	.78	1.10	1.02	D
170	2235	280.0	70.2	71.374.0		116	5.85	174.4	3.32	3.32	51.03	275.2	.270	1.08	1.11	15.5	15.7	.290	.488	98.0	3.5	1.0	.73	.78	1.10	1.02	D
171	2237	281.0	44.5	73.979.0		116	5.90	175.1	3.33	3.33	50.56	275.2	.270	1.08	1.11	15.5	15.7	.289	.489	99.0	3.5	1.0	.83	.78	1.10	1.02	D
172	2238	282.0	34.4	73.882.0		117	6.11	175.1	3.32	3.32	50.40	275.6	.200	1.08	1.11	15.6	15.6	.290	.481	100	3.5	1.0	.89	.78	1.11	1.02	D
173	2240	283.0	29.2	73.787.0		117	6.34	175.8	3.33	3.33	50.72	275.6	.180	1.08	1.11	15.5	15.5	.293	.479	101	3.6	1.0	.93	.78	1.11	1.02	D
174	2251	284.0	44.0	80.391.0		118	6.86	175.1	3.30	3.30	57.55	278.3	.180	1.08	1.15	15.4	15.7	.304	.485	102	3.6	1.0	.87	.78	1.10	1.02	D
176	2252	285.0	48.6	76.687.0		118	6.52	176.5	3.32	3.32	56.76	278.8	.200	1.08	1.15	15.4	15.8	.306	.492	103	3.7	1.0	.83	.78	1.11	1.02	D
177	2253	286.0	40.1	76.494.0		118	6.71	176.5	3.32	3.32	55.96	279.6	.280	1.08	1.15	15.3	15.8	.303	.491	104	3.7	1.1	.88	.78	1.11	1.02	D
178	2254	287.0	48.9	74.684.0		118	6.68	176.5	3.32	3.32	55.80	280.5	.340	1.08	1.15	15.3	15.8	.302	.482	105	3.7	1.1	.84	.78	1.11	1.02	D
179	2256	288.0	34.1	72.978.0		118	6.47	175.8	3.32	3.32	55.33	282.1	.420	1.08	1.15	15.2	15.9	.302	.476	106	3.7	1.1	.91	.78	1.11	1.02	D
180	2258	289.0	42.8	74.180.0		118	6.72	175.8	3.33	3.33	55.17	283.1	.480	1.08	1.15	15.2	15.9	.301	.477	107	3.8	1.1	.87	.78	1.11	1.02	D
181	2300	290.0	27.6	72.987.0		118	6.58	175.8	3.33	3.33	55.01	284.0	.470	1.08	1.15	15.1	15.8	.305	.494	108	3.8	1.1	.96	.78	1.11	1.02	D
182	2301	291.0	34.5	73.082.0		118	6.53	175.8	3.32	3.32	55.17	284.4	.530	1.08	1.15	15.1	15.8	.306	.509	109	3.8	1.1	.91	.79	1.11	1.02	D
183	2318	292.0	17.7	71.882.0		119	6.63	175.8	3.31	3.31	58.03	286.6	.400	1.08	1.15	14.9	15.7	.312	.483	110	3.9	1.1	1.06	.79	1.10	1.02	D
184	2334	293.1	52.7	70.186.0		121	6.09	177.2	3.31	3.31	62.64	293.8	.070	1.08	1.15	14.8	15.6	.295	.499	111	4.0	1.1	.82	.78	1.09	1.02	D
185	2334	294.0	213	83.386.0		122	6.89	177.2	3.32	3.32	62.64	290.9	.140	1.08	1.15	14.8	15.6	.295	.499	112	4.0	1.1	.53	.79	1.10	1.02	D
186	2335	295.0	66.7	79.388.0		122	6.88	177.2	3.32	3.32	63.75	291.2	.320	1.08	1.15	14.6	15.7	.309	.500	113	4.0	1.1	.78	.78	1.10	1.02	D
187	2337	296.0	31.2	73.890.0		116	6.92	177.2	3.32	3.32	63.12	292.4	.370	1.08	1.15	14.3	15.9	.318	.505	114	4.1	1.1	.95	.79	1.10	1.02	D
188	2339	297.0	26.2	71.381.0		115	6.48	176.5	3.32	3.32	62.16	293.0	.360	1.08	1.15	14.3	16.0	.323	.496	115	4.1	1.2	.97	.79	1.10	1.02	D
189	2341	298.0	25.1	71.179.0		115	6.61	176.5	3.33	3.33	61.05	293.0	.300	1.09	1.22	14.4	16.0	.310	.496	116	4.1	1.2	.98	.79	1.10	1.02	D
190	2343	299.0	43.3	71.379.0		114	6.69	176.5	3.32	3.32	60.42	293.2	.300	1.09	1.22	14.4	16.0	.308	.490	117	4.2	1.2	.86	.79	1.10	1.02	D
191	2344	300.0	41.1	72.081.0		114	6.80	176.5	3.33	3.33	59.78	294.0	.270	1.09	1.22	14.5	16.0	.306	.491	118	4.2	1.2	.87	.79	1.10	1.02	D
192	2345	301.0	43.1	71.981.0		114	6.63	176.5	3.33	3.33	59.30	294.1	.260	1.09	1.22	14.6	15.9	.313	.488	119	4.2	1.2	.85	.79	1.11	1.02	D
193	2348	302.0	23.2	69.677.0		115	6.80	177.2	3.33	3.33	58.67	294.2	.230	1.09	1.22	14.8	15.9	.314	.486	120	4.2	1.2	1.00	.79	1.11	1.02	D
194	2359	303.1	39.1	65.2 100		114	6.87	176.5	3.30	3.30	61.37	297.9	.170	1.09	1.22	15.1	15.3	.301	.482	121	4.3	1.2	.89	.79	1.10	1.02	D
195	2359	304.0	144	81.187.0		114	6.54	176.5	3.30	3.30	61.05	298.1	.180	1.09	1.22	15.1	15.3	.301	.482	122	4.3	1.2	.59	.79	1.10	1.02	D
	Date	Dec 19 '83																									
196	0000	305.1	74.7	79.487.0		113	6.83	176.5	3.31	3.31	60.10	293.6	.200	1.09	1.22	15.2	15.4	.301	.481	123	4.3	1.2	.74	.79	1.11	1.02	D
197	0001	306.0	52.1	73.279.0		114	6.69	176.5	3.32	3.32	59.14	299.0	.190	1.09	1.22	15.2	15.5	.306	.481	124	4.3	1.2	.81	.79	1.11	1.02	D
198	0002	307.0	54.0	72.281.0		114	6.85	176.5	3.32	3.32	58.19	299.6	.210	1.09	1.22	15.2	15.5	.306	.481	125	4.4	1.2	.81	.79	1.11	1.02	D
199	0003	308.0	47.0	70.179.0		114	6.82	176.5	3.32	3.32	57.24	300.4	.230	1.09	1.22	15.3	15.6	.310	.486	126	4.4	1.2	.84	.79	1.11	1.02	D
200	0005	309.0	35.7	71.579.0		114	6.91	176.5	3.32	3.32	55.65	301.5	.220	1.09	1.22	15.3	15.6	.302	.488	127	4.4	1.2	.90	.79	1.11	1.02	D
201	0007	310.0	29.9	71.033.0		114	6.97	176.5	3.32	3.32	54.53	302.5	.290	1.09	1.22	15.4	15.8	.303	.491	128	4.4	1.2	.94	.79	1.11	1.02	D
202	0009	311.0	30.2	68.477.0		114	7.09	176.5	3.32	3.32	53.42	303.5	.370	1.09	1.22	15.4	15.9	.301	.486	129	4.5	1.2	.94	.79	1.11	1.02	D
203	0011	312.0	29.0	67.575.0		114	7.10	176.5	3.32	3.32	52.78	304.2	.360	1.09	1.22	15.5	15.9	.305	.478	130	4.5	1.3	.95	.79	1.11	1.02	D
204	0023	313.0	37.4	68.980.0		115	7.45	176.5	3.32	3.32	62.48	309.5	.290	1.09	1.22	14.8	15.7	.303	.462	131	4.6	1.3	.91	.79	1.11	1.02	D
205	0025	314.0	40.2	73.177.0		116	7.36	175.8	3.31	3.31	61.53	310.2	.310	1.09	1.22	14.6	15.8	.307	.460	132	4.6	1.3	.89	.79	1.11	1.02	D
206	0026	315.0	82.1	74.090.0		115	7.39	175.8	3.32	3.32	61.05	310.6	.340	1.09	1.22	14.6	15.8	.307	.460	133	4.6	1.3	.73	.79	1.11	1.02	D

STATOIL : 15/9-18

Data Printed at time 11:33 Date Feb 24 '84
Data Rec[illegible] at time 00:26 Date Dec 19 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
207	0026	316.0	65.2	74.4	107	115	7.50	175.8	3.32	3.32	60.57	311.0	.360	1.09	1.22	14.5	15.9	.308	.461	134	4.6	1.3	.78	.79	1.11	1.02	D
208	0028	317.0	43.0	82.0	109	115	8.24	175.8	3.32	3.32	59.94	311.7	.350	1.09	1.22	14.5	15.9	.307	.463	135	4.7	1.3	.90	.79	1.11	1.02	D
209	0028	318.0	74.0	76.7	105	116	7.51	175.8	3.32	3.32	59.62	312.1	.360	1.09	1.22	14.4	16.0	.301	.463	136	4.7	1.3	.76	.79	1.11	1.02	D
210	0030	319.0	33.8	81.4	125	115	8.20	175.8	3.31	3.31	58.98	313.1	.340	1.09	1.22	14.4	16.1	.311	.463	137	4.7	1.3	.97	.80	1.11	1.02	D
211	0032	320.0	34.1	76.7	108	116	7.60	175.1	3.32	3.32	57.71	313.7	.360	1.09	1.22	14.5	16.2	.310	.495	138	4.7	1.3	.93	.80	1.11	1.02	D
212	0034	321.0	35.2	72.0	85.0	116	7.59	175.1	3.32	3.32	55.33	313.7	.320	1.09	1.22	14.5	17.6	.313	.464	139	4.8	1.3	.92	.80	1.12	1.02	D
213	0139	322.0	18.0	89.8	130	115	8.41	176.5	3.34	3.34	57.39	323.0	.080	1.09	1.22	14.3	18.6	.273	.429	140	4.9	1.3	1.12	.80	1.10	1.02	D
214	0143	323.0	14.2	94.8	121	114	7.56	175.8	3.35	3.35	60.73	323.0	.090	1.09	1.22	14.4	17.8	.274	.464	141	5.0	1.4	1.14	.80	1.10	1.02	D
215	0147	324.0	16.6	89.5	126	114	7.72	175.1	3.34	3.34	68.21	323.0	.080	1.09	1.22	14.1	17.6	.260	.473	142	5.0	1.4	1.11	.80	1.10	1.02	D
216	0150	325.0	19.2	88.3	134	114	8.21	175.1	3.33	3.33	73.45	323.0	.080	1.09	1.22	13.8	17.6	.268	.474	143	5.1	1.4	1.09	.80	1.10	1.02	D
217	0154	326.0	14.9	85.0	115	114	7.99	175.1	3.35	3.35	71.39	323.0	.070	1.09	1.22	13.8	17.5	.266	.488	144	5.1	1.4	1.14	.80	1.11	1.02	D
218	0157	327.0	19.6	87.1	124	113	8.01	174.4	3.35	3.35	69.48	323.7	.080	1.09	1.22	14.1	17.5	.247	.489	145	5.2	1.4	1.07	.80	1.11	1.02	D
219	0159	329.1	25.9	99.3	123	114	8.84	174.4	3.34	3.34	68.21	324.2	.080	1.09	1.22	14.3	17.6	.247	.485	146	5.2	1.4	1.03	.80	1.11	1.02	D
220	0201	329.1	26.6	95.2	120	113	8.76	174.4	3.34	3.34	67.09	324.8	.080	1.09	1.22	14.6	17.7	.248	.483	147	5.3	1.4	1.02	.80	1.11	1.02	D
221	0204	330.0	26.4	99.1	117	114	9.05	173.7	3.33	3.33	66.14	325.4	.070	1.09	1.22	14.7	17.6	.247	.485	148	5.3	1.4	1.03	.80	1.11	1.02	D
222	0206	331.0	27.9	94.7	122	114	8.90	173.7	3.33	3.33	65.34	326.2	.080	1.09	1.22	15.0	17.7	.242	.492	149	5.3	1.5	1.02	.81	1.11	1.01	D
223	0222	332.0	24.9	93.1	130	110	8.75	171.0	3.31	3.31	60.26	330.3	.060	1.09	1.22	15.9	17.6	.212	.504	150	5.4	1.5	1.04	.81	1.10	1.01	D
224	0224	333.0	36.2	96.9	135	111	8.72	171.0	3.32	3.32	59.78	331.0	.080	1.09	1.25	15.9	17.5	.212	.500	151	5.5	1.5	.95	.81	1.10	1.01	D
225	0225	334.0	30.9	91.9	115	111	8.85	171.0	3.32	3.32	58.98	331.9	.030	1.09	1.27	15.9	17.6	.217	.497	152	5.5	1.5	.99	.81	1.10	1.01	D
226	0228	335.1	26.4	92.8	116	110	8.83	171.0	3.32	3.32	57.39	332.7	.080	1.09	1.27	16.0	17.7	.214	.488	153	5.5	1.5	1.03	.81	1.10	1.01	D
227	0230	336.0	25.5	93.8	115	111	8.82	171.0	3.32	3.32	56.12	332.8	.090	1.09	1.27	16.1	17.7	.213	.481	154	5.6	1.5	1.03	.81	1.11	1.00	D
228	0232	337.0	29.7	92.2	111	111	8.67	170.3	3.32	3.32	55.65	332.8	.090	1.09	1.28	16.1	17.9	.215	.484	155	5.6	1.5	.99	.82	1.11	1.00	D
229	0234	338.0	22.9	89.2	109	111	8.34	171.0	3.32	3.32	55.17	332.8	.080	1.09	1.26	16.2	17.8	.225	.479	156	5.7	1.5	1.04	.82	1.11	1.00	D
230	0237	339.0	25.9	91.3	116	111	8.67	170.3	3.32	3.32	54.21	332.9	.070	1.09	1.27	16.2	18.0	.213	.462	157	5.7	1.5	1.02	.78	1.11	1.00	D
231	0239	340.0	28.7	91.8	115	111	8.82	170.3	3.32	3.32	53.26	333.8	.060	1.09	1.27	16.2	18.0	.208	.458	158	5.7	1.5	1.00	.78	1.11	1.00	D
232	0241	341.0	27.0	95.1	120	111	9.34	170.3	3.32	3.32	52.62	334.9	.060	1.09	1.29	16.3	18.4	.201	.458	159	5.8	1.6	1.03	.78	1.11	1.00	D
233	0255	342.0	27.9	90.1	115	113	3.59	172.4	3.33	3.33	51.19	339.7	.090	1.09	1.27	16.5	19.2	.151	.450	160	5.9	1.6	.83	.78	1.10	1.00	D
234	0257	343.0	38.6	96.5	128	113	3.46	172.4	3.34	3.34	50.72	340.4	.090	1.09	1.27	16.5	19.1	.157	.452	161	5.9	1.6	.76	.77	1.11	1.01	D
235	0259	344.0	28.7	93.7	117	114	3.03	171.7	3.33	3.33	50.00	341.4	.080	1.09	1.21	16.6	19.0	.130	.453	162	5.9	1.6	.80	.77	1.11	1.01	D
236	0301	345.0	32.3	98.4	121	113	3.63	172.4	3.34	3.34	49.60	342.1	.090	1.09	1.15	16.6	19.1	.119	.454	163	6.0	1.6	.80	.77	1.11	1.01	D
237	0303	346.0	30.8	90.3	113	113	3.03	170.3	3.33	3.33	51.19	342.4	.090	1.09	1.15	16.6	19.1	.107	.453	164	6.0	1.6	.78	.77	1.11	1.02	D
238	0305	347.0	24.3	89.0	112	114	2.71	170.3	3.32	3.32	54.37	342.4	.070	1.09	1.16	16.2	19.2	.114	.453	165	6.0	1.6	.81	.76	1.11	1.02	D
239	0307	348.0	35.5	96.8	122	114	3.54	170.3	3.32	3.32	55.49	342.4	.080	1.09	1.20	16.0	19.1	.109	.452	166	6.1	1.6	.78	.76	1.11	1.02	D
240	0309	349.0	26.1	98.8	125	113	4.04	170.3	3.33	3.33	55.33	342.4	.060	1.09	1.18	15.9	19.2	.103	.453	167	6.1	1.6	.86	.76	1.11	1.02	D
241	0311	350.0	26.4	99.9	122	113	4.37	169.6	3.32	3.32	55.33	343.2	.050	1.09	1.15	15.9	19.2	.100	.450	168	6.1	1.6	.87	.76	1.12	1.02	D
242	0314	351.0	26.6	97.4	123	114	4.16	170.3	3.32	3.32	55.65	344.5	.050	1.09	1.14	16.0	19.1	.086	.451	169	6.2	1.6	.86	.76	1.11	1.02	D
243	0323	352.0	30.7	97.8	124	110	4.26	171.0	3.33	3.33	54.53	347.3	.090	1.09	1.33	16.5	19.2	.090	.447	170	6.2	1.6	.83	.76	1.11	1.03	D
244	0326	353.0	19.2	94.0	116	110	3.93	171.0	3.33	3.33	52.78	348.8	.100	1.09	1.33	16.7	18.6	.066	.444	171	6.3	1.7	.91	.76	1.11	1.02	D
245	0328	354.0	32.9	90.8	117	110	3.66	171.0	3.33	3.33	52.15	349.6	.100	1.09	1.33	16.9	18.6	.080	.451	172	6.3	1.7	.79	.76	1.11	1.03	D
246	0330	355.0	25.8	95.5	117	109	4.24	170.3	3.32	3.32	51.51	350.8	.090	1.09	1.33	16.9	18.5	.076	.454	173	6.4	1.7	.86	.76	1.11	1.03	D
247	0332	356.0	35.0	94.2	125	110	4.17	170.3	3.33	3.33	51.35	351.5	.100	1.09	1.34	17.0	18.4	.071	.457	174	6.4	1.7	.80	.76	1.11	1.03	D
248	0334	357.0	33.4	87.8	117	110	3.75	171.0	3.33	3.33	51.03	352.2	.100	1.09	1.33	17.0	18.4	.075	.460	175	6.4	1.7	.79	.75	1.11	1.03	D
249	0336	358.0	31.1	91.7	125	110	3.44	170.3	3.33	3.33	51.03	352.3	.090	1.09	1.34	17.1	18.3	.078	.463	176	6.4	1.7	.79	.75	1.11	1.04	D
250	0337	359.0	31.5	96.0	121	110	3.90	170.3	3.33	3.33	51.03	352.3	.100	1.09	1.34	17.1	18.1	.087	.464	177	6.5	1.7	.81	.75	1.11	1.04	D
251	0339	360.0	33.0	92.6	110	110	3.84	171.0	3.33	3.33	51.03	353.0	.100	1.09	1.33	17.1	18.0	.083	.460	178	6.5	1.7	.80	.75	1.11	1.04	D
252	0353	361.1	31.5	87.4	120	111	3.91	170.3	3.32	3.32	52.15	357.9	.110	1.08	1.07	17.2	18.0	.133	.453	179	6.6	1.7	.82	.75	1.10	1.05	D
253	0355	362.0	29.6	85.4	122	110	4.01	170.3	3.32	3.32	51.35	358.6	.110	1.08	1.07	17.2	18.0	.176	.455	180	6.6	1.7	.84	.75	1.10	1.05	D
254	0357	363.0	23.9	90.3	119	111	4.19	170.3	3.33	3.33	51.03	360.0	.140	1.08	1.07	17.2	18.1	.191	.455	181	6.7	1.7	.89	.75	1.10	1.05	D
255	0359	364.0	27.9	93.8	122	110	4.47	170.3	3.33	3.33	50.88	361.1	.120	1.08	1.07	17.2	18.0	.210	.456	182	6.7	1.7	.87	.75	1.10	1.04	D
256	0401	365.0	31.3	92.8	116	110	4.38	170.3	3.33	3.33	50.72	361.8	.140	1.08	1.07	17.2	18.3	.227	.457	183	6.7	1.7	.84	.75	1.10	1.05	D

STATOIL : 15/9-18

Data Printed at time 11:39 Date Feb 24 '84
Data Received at time 04:03 Date Dec 19 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
257	0403	366.0	23.5	90.2	115	110	3.81	169.6	3.32	3.32	50.72	361.8	.130	1.08	1.07	17.3	18.2	.189	.455	184	6.8	1.7	.84	.75	1.10	1.05	D
258	0405	367.0	29.2	92.7	110	111	4.05	170.3	3.32	3.32	50.40	361.8	.120	1.08	1.07	17.3	18.3	.193	.456	185	6.8	1.7	.84	.75	1.10	1.05	D
259	0407	368.0	36.3	95.6	117	111	4.45	169.6	3.33	3.33	50.40	361.8	.120	1.08	1.07	17.3	18.3	.184	.458	186	6.8	1.8	.81	.75	1.10	1.05	D
260	0409	369.0	33.5	96.4	117	111	4.57	169.6	3.33	3.33	50.24	362.0	.100	1.08	1.07	17.4	18.4	.202	.459	187	6.9	1.8	.85	.75	1.10	1.05	D
261	0411	370.0	33.9	88.1	113	111	4.17	170.3	3.33	3.33	50.24	362.6	.090	1.08	1.07	17.4	18.5	.230	.459	188	6.9	1.8	.81	.74	1.11	1.05	D
262	0425	371.0	22.6	93.0	113	110	4.27	171.0	3.33	3.33	53.26	367.8	.150	1.08	1.07	17.6	19.1	.185	.469	189	7.0	1.8	.89	.75	1.11	1.05	D
263	0428	372.0	24.4	92.8	116	113	4.39	171.0	3.33	3.33	51.51	369.1	.170	1.08	1.07	17.6	19.2	.200	.470	190	7.0	1.8	.89	.75	1.11	1.05	D
264	0430	373.0	25.0	96.8	123	112	4.76	171.0	3.34	3.34	50.72	370.4	.160	1.08	1.07	17.6	19.4	.205	.471	191	7.1	1.8	.90	.75	1.11	1.05	D
265	0432	374.0	25.8	100	124	113	5.12	171.0	3.33	3.33	50.56	371.3	.160	1.08	1.07	17.7	19.3	.197	.473	192	7.1	1.8	.91	.75	1.11	1.05	D
266	0434	375.0	40.9	98.0	118	113	4.69	171.0	3.33	3.33	50.56	371.3	.180	1.08	1.07	17.7	19.4	.185	.473	193	7.1	1.8	.80	.75	1.11	1.05	D
267	0435	376.0	37.7	100	123	113	4.96	171.0	3.34	3.34	50.88	371.3	.160	1.08	1.07	17.7	19.5	.192	.472	194	7.2	1.8	.82	.75	1.11	1.05	D
268	0437	377.0	32.2	103	124	112	5.06	171.0	3.33	3.33	50.88	371.3	.160	1.08	1.07	17.8	19.7	.194	.473	195	7.2	1.8	.86	.75	1.11	1.05	D
269	0439	378.0	41.8	101	121	113	5.25	171.0	3.33	3.33	50.88	371.3	.160	1.08	1.07	17.8	19.8	.206	.474	196	7.2	1.8	.81	.74	1.11	1.06	D
270	0441	379.0	26.7	96.6	120	113	4.79	170.3	3.33	3.33	51.03	371.8	.120	1.08	1.07	17.8	19.7	.233	.477	197	7.2	1.8	.88	.74	1.12	1.06	D
271	0452	380.1	23.6	88.7	125	113	4.61	168.2	3.30	3.30	54.53	375.1	.120	1.08	1.07	17.9	19.6	.250	.484	198	7.3	1.8	.90	.75	1.11	1.05	D
272	0454	381.1	24.6	91.9	127	115	4.63	169.2	3.32	3.32	53.10	376.5	.140	1.08	1.07	18.0	19.7	.276	.481	199	7.4	1.9	.90	.75	1.11	1.05	D
273	0456	382.0	23.5	95.7	135	114	4.82	170.3	3.33	3.33	52.31	377.9	.110	1.08	1.07	18.0	19.7	.274	.485	200	7.4	1.9	.92	.75	1.11	1.05	D
274	0458	383.0	32.7	95.6	119	114	4.80	170.3	3.33	3.33	52.31	379.1	.160	1.08	1.07	18.0	19.6	.268	.487	201	7.4	1.9	.85	.75	1.11	1.05	D
275	0500	384.0	35.1	98.2	125	114	5.21	170.3	3.33	3.33	52.15	379.8	.190	1.08	1.07	18.0	19.6	.264	.489	202	7.5	1.9	.85	.75	1.11	1.05	D
276	0502	385.0	35.8	95.8	124	114	5.11	170.3	3.33	3.33	52.15	380.6	.190	1.08	1.07	18.0	19.5	.260	.494	203	7.5	1.9	.84	.75	1.11	1.05	D
277	0503	386.0	35.9	104	118	114	5.22	170.3	3.33	3.33	52.15	381.0	.190	1.08	1.07	18.1	19.5	.247	.507	204	7.5	1.9	.84	.75	1.11	1.05	D
278	0505	387.0	35.9	101	126	114	5.35	170.3	3.33	3.33	52.15	381.0	.190	1.08	1.07	18.1	19.4	.259	.507	205	7.6	1.9	.85	.75	1.11	1.06	D
279	0507	388.0	34.4	100	127	114	5.59	170.3	3.33	3.33	52.15	381.0	.150	1.08	1.07	18.1	19.4	.253	.515	206	7.6	1.9	.86	.75	1.11	1.06	D
280	0509	389.0	25.3	105	126	114	5.45	170.3	3.33	3.33	52.31	381.2	.160	1.08	1.07	18.1	19.3	.258	.511	207	7.6	1.9	.92	.75	1.12	1.05	D
281	0522	390.0	23.6	99.0	121	110	5.13	168.9	3.32	3.32	55.80	386.1	.170	1.08	1.07	18.2	19.1	.270	.541	208	7.7	1.9	.92	.75	1.11	1.05	D
282	0525	391.0	25.5	99.7	121	110	5.14	169.6	3.33	3.33	54.85	387.3	.190	1.08	1.07	18.2	19.1	.270	.550	209	7.7	1.9	.91	.75	1.11	1.05	D
283	0527	392.0	30.9	90.4	123	110	4.85	169.6	3.33	3.33	53.90	388.5	.200	1.08	1.07	18.2	19.0	.275	.584	210	7.8	1.9	.86	.75	1.11	1.05	D
284	0529	393.0	30.2	86.1	139	110	4.49	169.6	3.32	3.32	53.90	389.6	.180	1.08	1.07	18.2	19.1	.277	.607	211	7.8	1.9	.85	.75	1.11	1.05	D
285	0532	394.0	16.8	79.2	133	111	4.00	169.6	3.33	3.33	53.90	390.6	.190	1.08	1.07	18.2	19.1	.270	.649	212	7.9	1.9	.94	.75	1.11	1.05	D
286	0535	395.0	22.7	81.2	113	109	3.61	168.9	3.33	3.33	53.90	390.6	.190	1.08	1.07	18.2	19.2	.262	.649	213	7.9	1.9	.86	.75	1.11	1.05	D
287	0537	396.0	30.9	89.7	118	109	4.29	168.9	3.33	3.33	54.06	390.6	.190	1.08	1.07	18.2	19.1	.266	.663	214	7.9	2.0	.83	.75	1.11	1.05	D
288	0538	397.0	33.7	95.0	121	110	4.94	168.9	3.32	3.32	54.21	390.8	.180	1.08	1.07	18.2	19.2	.257	.671	215	8.0	2.0	.84	.75	1.11	1.05	D
289	0540	398.0	37.8	94.7	115	110	5.01	168.9	3.32	3.32	54.37	391.4	.150	1.08	1.07	18.2	19.2	.267	.680	216	8.0	2.0	.81	.75	1.11	1.06	D
290	0542	399.0	38.1	96.2	116	110	5.42	168.9	3.33	3.33	54.53	392.2	.140	1.08	1.07	18.2	19.3	.246	.683	217	8.0	2.0	.83	.75	1.11	1.06	D
291	0554	400.0	30.1	89.4	121	112	5.12	168.9	3.33	3.33	57.71	395.7	.180	1.08	1.07	18.3	19.2	.244	.698	218	8.1	2.0	.88	.75	1.11	1.06	D
292	0555	401.0	37.0	105	128	112	5.94	168.9	3.33	3.33	56.92	396.2	.180	1.08	1.07	18.3	19.1	.256	.699	219	8.1	2.0	.86	.69	1.11	1.06	D
293	0557	402.1	38.4	103	126	112	5.99	168.9	3.33	3.33	56.60	396.9	.160	1.08	1.07	18.3	19.1	.253	.704	220	8.2	2.0	.85	.69	1.11	1.06	D
294	0559	403.0	27.7	98.4	124	112	5.59	168.9	3.33	3.33	56.76	398.1	.160	1.08	1.07	18.3	19.1	.263	.703	221	8.2	2.0	.91	.70	1.11	1.05	D
295	0600	404.1	54.5	96.5	135	112	5.26	168.9	3.33	3.33	56.92	398.8	.160	1.08	1.07	18.3	19.1	.262	.710	222	8.2	2.0	.76	.70	1.11	1.06	D
296	0602	405.0	25.9	101	132	112	4.37	168.9	3.33	3.33	56.92	400.0	.170	1.08	1.07	18.4	19.0	.262	.718	223	8.2	2.0	.87	.70	1.11	1.05	D
297	0604	406.0	30.1	97.5	124	112	2.15	168.9	3.33	3.33	57.08	400.4	.180	1.08	1.07	18.4	19.0	.259	.727	224	8.3	2.0	.73	.70	1.11	1.06	D
298	0606	407.0	28.6	99.5	130	112	2.43	168.9	3.33	3.33	57.24	400.4	.190	1.08	1.07	18.4	19.0	.265	.734	225	8.3	2.0	.75	.69	1.11	1.06	D
299	0609	408.1	23.3	95.5	130	112	2.04	168.9	3.33	3.33	57.55	400.4	.140	1.08	1.07	18.5	18.9	.249	.738	226	8.4	2.0	.76	.69	1.12	1.06	D
300	0619	409.0	23.3	88.8	133	113	2.90	167.5	3.30	3.30	60.42	403.9	.120	1.08	1.07	18.6	18.9	.249	.734	227	8.4	2.0	.82	.69	1.11	1.06	D
301	0621	410.0	33.3	100	128	114	3.06	167.5	3.31	3.31	59.46	404.9	.170	1.08	1.07	18.6	18.9	.250	.750	228	8.5	2.0	.77	.69	1.11	1.06	D
302	0621	411.0	28.2	111	127	114	3.75	167.5	3.31	3.31	59.46	405.3	.180	1.08	1.07	18.6	18.9	.250	.750	228	8.5	2.0	.83	.69	1.11	1.06	D
303	0624	412.0	43.4	107	129	114	3.29	167.5	3.32	3.32	59.14	406.6	.170	1.08	1.07	18.6	18.8	.271	.755	230	8.5	2.0	.73	.69	1.11	1.06	D
304	0626	413.0	29.3	100	137	114	2.93	167.5	3.32	3.32	59.14	407.6	.150	1.08	1.07	18.7	18.8	.272	.759	231	8.5	2.1	.79	.69	1.11	1.06	D
305	0628	414.0	19.9	98.5	120	114	1.97	167.5	3.32	3.32	59.30	408.8	.150	1.08	1.07	18.7	18.8	.277	.766	232	8.6	2.1	.79	.69	1.11	1.06	D
306	0631	415.0	21.8	90.0	122	114	1.93	167.5	3.31	3.31	59.46	409.7	.130	1.08	1.07	18.8	18.8	.264	.769	233	8.6	2.1	.77	.69	1.11	1.07	D

STATOIL : 15/9-18

Data Printed at time 11:45 Date Feb 24 '84
Data Received at time 06:33 Date Dec 19 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MXB	ECD	MXMD	
307	0633	416.0	30.4	99.3	122	114	2.75	166.9	3.31	3.31	59.46	410.0	.120	1.08	1.07	18.8	18.8	.253	.764	234	8.7	2.1	.77	.69	1.11	1.07	D
308	0635	417.0	27.6	105	137	114	3.42	166.9	3.31	3.31	59.46	410.0	.110	1.08	1.07	18.9	18.9	.226	.746	235	8.7	2.1	.82	.69	1.11	1.07	D
309	0637	418.0	31.8	98.5	134	115	3.09	166.9	3.32	3.32	59.62	410.6	.090	1.08	1.07	18.9	18.9	.219	.744	236	8.7	2.1	.78	.69	1.11	1.07	D
310	0643	419.0	22.0	93.2	123	114	2.30	166.9	3.31	3.31	60.89	414.7	.050	1.08	1.07	19.0	18.8	.237	.762	237	8.8	2.1	.80	.69	1.11	1.07	D
311	0650	420.0	31.9	100	125	114	3.20	166.9	3.32	3.32	60.57	415.4	.060	1.08	1.07	19.0	18.8	.236	.760	238	8.8	2.1	.78	.69	1.11	1.07	D
312	0652	421.0	36.2	95.1	128	114	2.85	166.9	3.32	3.32	60.26	415.9	.050	1.08	1.07	19.0	18.8	.260	.755	239	8.9	2.1	.74	.69	1.11	1.07	D
313	0653	422.1	41.9	97.4	131	114	3.22	166.9	3.32	3.32	60.26	416.5	.040	1.08	1.07	19.0	18.8	.257	.757	240	8.9	2.1	.73	.69	1.11	1.08	D
314	0655	423.1	31.7	88.4	139	114	2.57	166.9	3.32	3.32	60.26	417.4	.040	1.08	1.07	19.0	18.8	.292	.756	241	8.9	2.1	.75	.69	1.11	1.08	D
315	0658	424.0	16.1	96.2	144	114	2.39	166.9	3.32	3.32	60.42	419.0	.050	1.08	1.07	19.1	18.8	.285	.761	242	9.0	2.1	.86	.69	1.11	1.07	D
316	0701	425.0	19.5	91.4	120	114	2.14	166.9	3.32	3.32	60.42	419.5	.050	1.08	1.07	19.1	18.8	.292	.764	243	9.0	2.1	.81	.69	1.11	1.07	D
317	0703	426.0	29.2	97.2	133	114	2.81	166.9	3.32	3.32	60.57	419.5	.070	1.08	1.07	19.1	18.7	.306	.763	244	9.1	2.1	.78	.69	1.11	1.07	D
318	0706	427.0	21.5	95.5	129	114	2.74	166.9	3.32	3.32	60.89	420.4	.050	1.08	1.07	19.1	18.7	.299	.762	245	9.1	2.2	.83	.69	1.11	1.07	D
319	0708	428.1	29.2	101	129	114	3.28	166.2	3.31	3.31	61.21	421.5	.040	1.08	1.07	19.2	18.6	.288	.762	246	9.1	2.2	.80	.69	1.11	1.07	D
320	0718	429.0	39.1	92.9	129	115	4.06	167.5	3.32	3.32	61.85	424.8	.030	1.08	1.07	19.2	18.5	.299	.778	247	9.2	2.2	.78	.69	1.11	1.07	D
321	0720	430.0	27.9	97.3	133	114	3.43	167.5	3.33	3.33	62.16	425.4	.020	1.08	1.07	19.1	18.5	.269	.780	248	9.2	2.2	.82	.69	1.11	1.07	D
322	0722	431.0	29.9	101	127	115	3.68	167.5	3.33	3.33	62.64	426.1	.020	1.08	1.07	19.2	18.5	.266	.780	249	9.3	2.2	.82	.69	1.11	1.07	D
323	0723	432.0	45.2	116	142	114	4.97	167.5	3.33	3.33	62.80	426.6	.020	1.08	1.07	19.2	18.5	.267	.780	250	9.3	2.2	.79	.69	1.11	1.07	D
324	0725	433.0	39.4	110	136	114	4.78	167.5	3.33	3.33	62.96	427.2	.020	1.08	1.07	19.2	18.5	.270	.781	251	9.3	2.2	.81	.69	1.11	1.07	D
325	0726	434.1	52.8	113	138	114	5.06	167.5	3.32	3.32	63.28	427.7	.020	1.08	1.07	19.2	18.5	.274	.785	252	9.3	2.2	.76	.69	1.11	1.08	D
326	0728	435.0	35.6	106	139	115	4.20	167.5	3.32	3.32	63.28	428.4	.020	1.08	1.07	19.2	18.5	.274	.787	253	9.4	2.2	.81	.69	1.11	1.08	D
327	0729	436.0	35.8	107	144	115	4.14	167.5	3.33	3.33	63.28	429.1	.020	1.08	1.07	19.3	18.6	.264	.791	254	9.4	2.2	.80	.69	1.11	1.08	D
328	0731	437.0	30.5	109	137	115	4.75	167.5	3.32	3.32	63.12	429.4	.020	1.08	1.07	19.3	18.6	.264	.790	255	9.4	2.2	.86	.69	1.11	1.08	D
329	0740	438.1	34.5	109	139	114	5.07	167.5	3.32	3.32	66.62	430.6	.020	1.08	1.07	19.4	18.6	.258	.784	256	9.5	2.2	.84	.69	1.11	1.07	D
330	0742	439.0	34.4	114	149	115	5.42	167.5	3.32	3.32	66.93	431.5	.020	1.08	1.07	19.4	18.6	.264	.788	257	9.5	2.2	.86	.69	1.11	1.07	D
331	0743	440.0	40.4	109	134	116	4.71	167.5	3.33	3.33	65.82	432.2	.020	1.08	1.07	19.4	18.5	.265	.790	258	9.5	2.2	.80	.69	1.11	1.07	D
332	0744	441.0	56.0	118	148	115	5.21	167.5	3.33	3.33	65.50	432.9	.020	1.08	1.07	19.4	18.5	.264	.801	259	9.6	2.2	.75	.69	1.12	1.08	D
333	0745	442.1	68.8	107	136	115	4.75	167.5	3.32	3.32	65.18	433.6	.020	1.08	1.07	19.4	18.5	.264	.801	260	9.6	2.2	.69	.69	1.12	1.08	D
334	0747	443.0	33.9	102	139	116	4.22	166.9	3.33	3.33	65.03	434.7	.030	1.08	1.07	19.4	18.5	.220	.807	261	9.6	2.2	.82	.69	1.12	1.08	D
335	0748	444.0	55.5	115	140	116	5.34	167.5	3.33	3.33	65.18	435.5	.030	1.08	1.07	19.4	18.4	.229	.809	262	9.6	2.2	.76	.69	1.12	1.08	D
336	0749	445.0	113	116	145	115	5.64	167.5	3.33	3.33	65.03	435.8	.020	1.08	1.07	19.4	18.4	.229	.809	263	9.6	2.2	.61	.69	1.12	1.08	D
337	0750	446.0	54.9	111	145	115	5.07	166.9	3.33	3.33	65.03	436.5	.020	1.08	1.07	19.4	18.4	.239	.811	264	9.6	2.2	.75	.69	1.12	1.08	D
338	0751	447.0	46.7	120	151	115	5.78	166.9	3.32	3.32	65.03	437.1	.020	1.08	1.07	19.4	18.3	.230	.812	265	9.7	2.2	.80	.69	1.12	1.08	D
339	0759	448.0	64.3	100	144	109	5.62	166.9	3.32	3.32	61.53	438.7	.020	1.08	1.07	19.4	18.8	.218	.766	266	9.7	2.2	.72	.69	1.12	1.08	D
340	0759	449.1	84.2	116	147	113	4.07	166.9	3.32	3.32	59.46	438.7	.020	1.08	1.07	19.4	22.9	.231	.554	267	9.7	2.3	.62	.69	1.12	1.08	D
341	0800	450.0	73.2	117	148	112	3.03	166.9	3.32	3.32	59.46	438.8	.020	1.08	1.07	19.4	22.9	.231	.554	268	9.7	2.3	.61	.69	1.12	1.08	D
342	0801	451.1	80.3	107	149	113	3.11	166.9	3.33	3.33	59.46	439.0	.020	1.08	1.07	19.4	22.9	.240	.548	269	9.7	2.3	.60	.69	1.12	1.08	D
343	0803	452.0	28.4	87.0	144	114	.36	166.9	3.33	3.33	59.78	440.2	.020	1.08	1.07	19.4	22.9	.240	.548	270	9.8	2.3	.55	.69	1.12	1.08	D
344	0804	453.0	32.8	94.6	127	114	.83	166.9	3.32	3.32	59.14	441.4	0.00	1.08	1.07	19.4	23.0	.206	.546	271	9.8	2.3	.60	.69	1.12	1.08	D
345	0807	454.0	24.5	92.3	128	114	.73	166.2	3.32	3.32	58.19	443.6	.260	1.08	1.07	19.4	23.0	.208	.544	272	9.8	2.3	.64	.69	1.12	1.08	D
346	0809	455.0	47.7	99.1	132	113	1.98	166.2	3.33	3.33	58.19	444.4	.280	1.08	1.07	19.4	23.1	.207	.548	273	9.9	2.3	.64	.69	1.12	1.08	D
347	0809	456.1	48.3	106	133	113	2.99	166.2	3.33	3.33	58.19	445.9	.300	1.08	1.07	19.4	23.1	.207	.548	274	9.9	2.3	.69	.69	1.12	1.08	D
348	0818	457.0	44.0	101	134	114	2.67	165.5	3.30	3.30	60.73	448.6	.350	1.08	1.07	19.4	22.9	.193	.537	275	9.9	2.3	.69	.69	1.12	1.08	D
349	0820	458.0	52.3	99.1	136	114	2.10	164.8	3.31	3.31	59.94	448.7	.340	1.08	1.07	19.4	22.9	.193	.537	276	9.9	2.3	.63	.69	1.12	1.08	D
350	0821	459.0	38.0	104	132	114	2.47	164.8	3.30	3.30	59.46	450.4	.300	1.08	1.07	19.4	22.9	.193	.532	277	10.0	2.3	.71	.69	1.12	1.08	D
351	0822	460.1	58.4	102	130	114	2.52	165.5	3.32	3.32	59.46	451.6	.310	1.08	1.07	19.4	22.9	.185	.533	278	10.0	2.3	.63	.69	1.12	1.08	D
352	0823	461.1	46.6	95.7	134	115	2.37	166.2	3.32	3.32	59.62	452.7	.330	1.08	1.07	19.4	22.7	.189	.534	279	10.0	2.3	.67	.69	1.12	1.08	D
353	0825	462.0	27.2	96.1	124	114	1.61	165.5	3.32	3.32	59.78	453.8	.380	1.08	1.07	19.5	22.5	.190	.538	280	10.0	2.3	.71	.69	1.12	1.08	D
354	0827	463.0	41.2	102	128	114	2.42	165.5	3.33	3.33	59.94	454.4	.400	1.08	1.07	19.5	22.4	.195	.539	281	10.1	2.3	.69	.69	1.12	1.08	D
355	0828	464.0	34.8	94.6	123	114	1.62	165.5	3.32	3.32	59.94	455.2	.380	1.08	1.07	19.5	22.3	.187	.530	282	10.1	2.3	.67	.69	1.12	1.08	D
356	0831	465.0	28.1	93.1	120	114	1.69	165.5	3.31	3.31	59.94	456.8	.320	1.08	1.07	19.5	22.1	.181	.517	283	10.1	2.3	.71	.69	1.12	1.08	D

STATOIL : 15/9-18

Data Printed at time 11:51 Date Feb 24 '84
Data Received at time 08:33 Date Dec 19 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXID	
357	0833	466.0	25.7	92.5	128	114	1.50	165.5	3.32	3.32	59.62	457.9	.300	1.08	1.07	19.5	21.8	.187	.506	284	10.2	2.3	.71	.69	1.11	1.08	D
359	0844	467.0	24.1	79.2	130	113	1.75	166.9	3.33	3.33	61.21	461.5	.290	1.08	1.07	19.6	20.8	.176	.495	285	10.3	2.3	.74	.69	1.11	1.08	D
359	0846	468.0	29.8	91.5	127	114	1.47	166.9	3.33	3.33	59.62	462.7	.320	1.08	1.07	19.6	20.7	.199	.493	286	10.3	2.3	.69	.69	1.11	1.08	D
360	0848	469.0	27.4	95.0	134	114	1.77	167.5	3.33	3.33	58.98	464.0	.300	1.08	1.07	19.6	20.7	.212	.486	287	10.3	2.3	.72	.69	1.11	1.08	D
361	0851	470.0	25.3	96.5	139	114	1.45	166.9	3.33	3.33	58.67	465.3	.300	1.08	1.07	19.6	20.8	.207	.486	288	10.4	2.3	.71	.69	1.11	1.08	D
362	0852	471.0	30.2	103	130	114	1.84	166.9	3.34	3.34	58.51	466.2	.300	1.08	1.08	19.6	20.9	.211	.486	289	10.4	2.4	.71	.69	1.11	1.08	D
363	0855	472.0	24.9	98.9	127	114	1.99	166.9	3.34	3.34	58.19	467.2	.290	1.08	1.08	19.6	20.7	.213	.484	290	10.4	2.4	.76	.69	1.11	1.08	D
364	0857	473.1	33.3	97.3	126	114	2.09	166.9	3.33	3.33	57.87	467.8	.280	1.08	1.08	19.7	20.7	.170	.482	291	10.5	2.4	.71	.69	1.11	1.08	D
365	0859	474.0	23.0	103	138	114	2.40	166.9	3.33	3.33	57.71	467.8	.260	1.08	1.08	19.7	21.1	.158	.481	292	10.5	2.4	.80	.69	1.11	1.08	D
366	0901	475.0	30.3	105	129	115	2.46	166.9	3.34	3.34	57.71	467.9	.240	1.08	1.08	19.7	21.2	.145	.479	293	10.5	2.4	.75	.69	1.11	1.08	D
367	0917	476.1	26.1	96.6	130	112	2.49	165.5	3.32	3.32	62.16	472.0	.230	1.08	1.08	19.8	22.1	.089	.466	294	10.6	2.4	.78	.69	1.11	1.08	D
368	0919	477.1	27.9	100	133	108	3.16	165.5	3.32	3.32	62.64	472.9	.240	1.08	1.08	19.8	22.2	.095	.461	295	10.7	2.4	.80	.69	1.11	1.08	D
369	0920	478.0	28.5	110	134	107	3.80	165.5	3.33	3.33	61.37	473.7	.240	1.08	1.08	19.8	22.2	.094	.460	296	10.7	2.4	.82	.69	1.11	1.08	D
370	0922	479.0	34.5	102	137	107	3.28	164.8	3.33	3.33	60.42	474.7	.270	1.08	1.08	19.8	22.1	.095	.461	297	10.7	2.4	.76	.69	1.11	1.09	D
371	0924	480.0	40.8	107	167	109	3.31	164.8	3.32	3.32	59.94	475.3	.270	1.08	1.08	19.8	22.1	.095	.461	298	10.7	2.4	.74	.69	1.11	1.09	D
372	0925	481.1	30.6	110	141	114	3.59	164.8	3.33	3.33	59.62	476.2	.270	1.08	1.08	19.8	21.7	.110	.462	299	10.8	2.4	.81	.69	1.11	1.09	D
373	0927	482.1	35.5	107	134	114	3.72	164.8	3.33	3.33	59.30	476.9	.280	1.08	1.08	19.9	21.7	.111	.466	300	10.8	2.4	.79	.69	1.11	1.09	D
374	0929	483.0	29.9	103	134	113	3.34	164.8	3.33	3.33	59.14	477.2	.280	1.08	1.08	19.9	21.7	.094	.461	301	10.8	2.4	.80	.69	1.11	1.09	D
375	0931	484.0	32.3	109	135	113	3.82	164.8	3.32	3.32	58.83	477.2	.250	1.08	1.08	19.9	21.6	.106	.458	302	10.9	2.4	.81	.69	1.11	1.09	D
376	0932	485.0	47.9	121	146	112	5.07	164.8	3.33	3.33	58.67	477.2	.240	1.08	1.08	19.9	21.4	.101	.453	303	10.9	2.4	.77	.69	1.11	1.09	D
377	0946	486.0	26.9	100	152	116	3.20	148.2	3.18	3.18	62.16	480.2	.230	1.08	1.08	19.9	22.3	.098	.451	304	11.0	2.4	.82	.69	1.11	1.09	D
378	0947	487.0	39.5	108	149	118	3.53	148.2	3.18	3.18	61.69	481.1	.220	1.08	1.08	19.9	22.5	.088	.447	305	11.0	2.4	.77	.69	1.11	1.09	D
379	0949	488.0	30.0	106	138	120	3.05	166.9	3.21	3.21	61.37	482.0	.230	1.08	1.08	19.9	22.6	.084	.446	306	11.0	2.4	.80	.69	1.11	1.09	D
380	0951	489.0	34.2	111	128	118	3.41	162.0	3.31	3.31	61.21	483.1	.260	1.08	1.08	19.9	22.7	.088	.446	307	11.1	2.4	.79	.69	1.11	1.09	D
381	0952	490.0	36.6	108	138	119	3.38	162.0	3.31	3.31	60.89	484.1	.270	1.08	1.08	20.0	22.6	.090	.446	308	11.1	2.5	.77	.69	1.11	1.09	D
382	0954	491.0	36.2	103	133	118	2.94	162.0	3.30	3.30	60.57	484.9	.280	1.08	1.08	20.0	22.5	.102	.453	309	11.1	2.5	.75	.69	1.11	1.09	D
383	0956	492.0	29.9	103	135	117	3.52	162.0	3.30	3.30	59.94	485.9	.270	1.08	1.08	20.0	22.4	.102	.451	310	11.1	2.5	.82	.69	1.11	1.09	D
384	0957	493.0	46.2	115	143	118	4.62	162.0	3.30	3.30	59.46	486.6	.300	1.08	1.08	20.0	22.3	.107	.450	311	11.2	2.5	.78	.69	1.11	1.09	D
385	0959	494.1	41.5	119	148	118	5.16	162.0	3.30	3.30	58.98	486.6	.280	1.08	1.08	20.0	22.3	.107	.450	312	11.2	2.5	.82	.69	1.11	1.10	D
386	1000	495.0	39.8	127	154	117	5.67	168.9	3.33	3.33	60.42	487.3	.210	1.08	1.08	20.0	22.2	.086	.458	313	11.2	2.5	.84	.69	1.11	1.09	D
387	1011	496.0	36.9	105	142	110	4.19	168.9	3.37	3.37	59.62	488.2	.220	1.08	1.08	20.0	22.2	.086	.458	314	11.3	2.5	.79	.69	1.11	1.10	D
388	1012	497.0	37.0	114	148	110	5.34	168.9	3.37	3.37	58.67	489.1	.230	1.08	1.08	20.0	22.0	.078	.460	315	11.3	2.5	.83	.69	1.11	1.10	D
389	1014	498.0	37.3	121	147	110	5.72	168.9	3.37	3.37	58.03	490.1	.240	1.08	1.08	20.0	22.1	.079	.458	316	11.3	2.5	.84	.69	1.11	1.10	D
390	1015	499.0	37.3	116	143	111	5.09	168.2	3.36	3.36	57.71	491.2	.260	1.08	1.08	20.0	22.1	.091	.462	317	11.3	2.5	.82	.69	1.11	1.10	D
391	1017	500.0	37.7	112	144	111	4.86	168.9	3.37	3.37	57.08	492.1	.260	1.08	1.08	20.0	22.1	.095	.492	318	11.4	2.5	.81	.69	1.11	1.10	D
392	1019	501.0	29.5	114	145	111	5.04	168.9	3.37	3.37	56.28	493.2	.240	1.08	1.08	20.0	22.0	.100	.508	319	11.4	2.5	.87	.69	1.11	1.09	D
393	1020	502.0	47.0	123	152	110	6.05	168.9	3.37	3.37	55.80	494.0	.250	1.08	1.08	20.0	22.0	.100	.508	320	11.4	2.5	.80	.69	1.11	1.10	D
394	1022	503.1	42.9	128	156	110	6.01	168.2	3.37	3.37	55.17	495.4	.260	1.08	1.08	20.0	21.9	.118	.509	321	11.5	2.5	.82	.69	1.11	1.10	D
395	1023	504.0	49.7	125	154	110	6.49	168.2	3.37	3.37	54.69	495.8	.260	1.08	1.08	20.0	21.8	.132	.515	322	11.5	2.5	.81	.69	1.11	1.10	D
396	1033	505.0	31.5	106	141	112	5.04	159.3	3.27	3.27	57.39	497.0	.200	1.08	1.08	20.1	22.4	.122	.512	323	11.5	2.5	.86	.69	1.11	1.10	D
397	1035	506.0	28.5	118	160	112	5.28	165.5	3.29	3.29	59.94	493.3	.240	1.08	1.08	19.9	22.3	.129	.497	324	11.6	2.5	.89	.69	1.11	1.09	D
398	1036	507.0	34.5	129	157	112	6.33	165.5	3.33	3.33	60.42	499.3	.220	1.08	1.08	19.7	22.3	.141	.501	325	11.6	2.5	.89	.70	1.11	1.09	D
399	1038	508.0	48.8	123	154	112	5.55	165.5	3.34	3.34	60.89	500.0	.250	1.08	1.08	19.5	22.4	.143	.507	326	11.6	2.5	.79	.69	1.11	1.09	D
400	1039	509.0	37.0	122	147	112	5.58	165.5	3.33	3.33	60.10	500.8	.260	1.08	1.08	19.5	22.4	.143	.507	327	11.6	2.5	.84	.70	1.11	1.09	D
401	1041	510.0	34.8	121	149	112	5.62	165.5	3.34	3.34	59.30	501.8	.270	1.08	1.08	19.3	22.5	.151	.527	328	11.7	2.5	.86	.70	1.11	1.09	D
402	1042	511.0	44.7	120	146	113	5.60	165.5	3.33	3.33	58.83	502.7	.280	1.08	1.08	19.1	22.4	.135	.540	329	11.7	2.5	.81	.70	1.11	1.09	D
403	1043	512.0	43.9	113	140	113	5.14	165.5	3.33	3.33	58.67	503.6	.260	1.08	1.08	19.1	22.3	.136	.547	330	11.7	2.5	.79	.70	1.11	1.09	D
404	1045	513.0	31.8	115	151	113	5.52	165.5	3.34	3.34	58.35	505.0	.260	1.08	1.08	19.1	22.3	.130	.549	331	11.7	2.6	.87	.70	1.11	1.09	D
405	1047	514.0	34.3	106	149	112	5.77	165.5	3.33	3.33	57.71	505.8	.280	1.08	1.08	19.1	22.2	.130	.556	332	11.8	2.6	.87	.70	1.11	1.09	D
406	1101	515.0	40.4	125	156	112	7.04	167.5	3.36	3.36	53.51	508.3	.260	1.08	1.08	19.4	22.4	.088	.550	333	11.9	2.6	.87	.70	1.11	1.09	D

STATOIL : 15/9-18

Data Printed at time 11:56 Date Feb 24 '84
Data Rec[illegible]d at time 11:02 Date Dec 19 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	WOB	ECD	NAMD	
407	1102	516.0	47.1	139	166	114	7.49	167.5	3.35	3.35	58.19	509.2	.270	1.08	1.08	19.5	22.2	.088	.548	334	11.9	2.6	.86	.70	1.11	1.09	D
408	1103	517.0	41.5	132	161	114	7.10	166.9	3.36	3.36	58.03	510.2	.273	1.08	1.08	19.5	22.2	.083	.557	335	11.9	2.6	.87	.70	1.11	1.09	D
409	1105	518.0	38.9	130	159	114	6.73	166.9	3.36	3.36	57.87	511.1	.250	1.08	1.08	19.5	22.2	.083	.557	336	11.9	2.6	.88	.70	1.11	1.09	D
410	1106	519.1	38.5	122	155	114	6.33	166.9	3.35	3.35	57.87	512.2	.230	1.08	1.08	19.6	22.2	.084	.561	337	12.0	2.6	.87	.70	1.11	1.09	D
411	1108	520.1	37.0	134	162	114	7.37	166.9	3.36	3.36	57.55	513.2	.260	1.08	1.08	19.6	22.2	.092	.562	338	12.0	2.6	.91	.70	1.11	1.09	D
POOH with RRB#2 at 520m. Open hole to 26" with 17-1/2" hole opener and 26" under-reamer. Set 20" Casing Shoe at 499m.																											
RIH hole to drill out 20" casing shoe. Date Dec 24 '83																											
417	1523	522.0	6.50	208	258	112	12.7	140.0	3.38	3.23	75.52	505.1	.090	1.06	1.02	11.1	11.9	.231	.235	50.0	4.5	1.3	1.37	.70	1.10	1.09	D
418	1536	523.0	5.30	224	390	116	15.6	137.9	3.39	3.25	74.88	509.1	.250	1.06	1.02	11.5	11.9	.232	.237	51.0	4.7	1.4	1.51	.70	1.10	1.09	D
419	1537	524.0	37.4	315	390	117	16.5	137.2	3.38	3.25	74.57	510.8	.270	1.06	1.02	11.5	11.9	.232	.241	52.0	4.7	1.4	1.03	.70	1.10	1.09	D
420	1539	525.0	27.9	319	388	117	14.3	137.9	3.38	3.26	73.77	513.6	.340	1.06	1.02	11.6	12.0	.232	.250	53.0	4.7	1.4	1.07	.70	1.10	1.09	D
Leak off test at 525m. Leak off at 20.7 bars imposed pressure with 1.05 g/cc mud wt: Eq.M.Wt of 1.47 NB#4 SMITH SDS CN, 17.5" w/ 16:16:16:14 jets.																											
424	2223	527.0	32.5	244	312	137	2.62	144.8	3.44	3.29	74.09	525.5	.130	1.10	1.09	11.8	11.9	.244	.492	1.5	.3	.1	.72	.70	1.12	1.09	D
425	2225	528.1	43.2	227	287	132	2.59	145.5	3.44	3.29	73.93	525.5	.150	1.10	1.09	11.8	11.9	.244	.493	2.5	.3	.1	.67	.70	1.12	1.09	D
426	2226	529.0	30.7	219	273	128	2.80	144.8	3.44	3.28	73.93	525.5	.160	1.10	1.09	11.9	11.9	.243	.494	3.5	.3	.2	.73	.70	1.12	1.09	D
427	2228	530.0	36.2	213	251	129	2.53	145.5	3.44	3.25	73.93	525.5	.180	1.10	1.09	12.0	11.9	.243	.494	4.5	.3	.2	.69	.70	1.12	1.09	D
428	2230	531.0	32.2	208	259	128	2.52	146.2	3.44	3.27	73.77	525.5	.210	1.10	1.09	12.2	11.8	.242	.495	5.5	.4	.2	.71	.70	1.12	1.09	D
429	2231	532.0	33.1	213	255	128	3.03	146.2	3.46	3.27	73.61	525.5	.240	1.10	1.09	12.3	11.8	.242	.495	6.5	.4	.2	.73	.70	1.12	1.09	D
430	2246	533.0	25.0	186	256	120	2.57	145.5	3.41	3.28	72.98	525.5	.160	1.10	1.09	12.9	11.8	.241	.495	7.5	.5	.2	.74	.70	1.12	1.09	D
431	2248	534.0	40.9	219	274	127	3.65	146.2	3.41	3.28	72.82	525.5	.170	1.10	1.09	13.0	11.8	.241	.494	8.5	.5	.3	.72	.70	1.12	1.09	D
432	2250	535.0	32.3	226	285	128	5.78	146.9	3.42	3.28	72.66	525.5	.170	1.10	1.09	13.1	11.7	.240	.494	9.5	.5	.3	.84	.70	1.12	1.09	D
433	2251	536.0	35.8	223	268	128	6.89	146.9	3.42	3.30	72.82	525.5	.180	1.10	1.09	13.2	11.7	.241	.494	10.5	.6	.3	.85	.70	1.12	1.09	D
434	2253	537.0	42.8	230	283	128	7.24	147.5	3.41	3.30	72.98	525.6	.200	1.10	1.09	13.2	11.7	.241	.494	11.5	.6	.3	.82	.70	1.12	1.09	D
435	2254	538.0	46.2	244	301	128	8.19	148.2	3.41	3.29	72.98	526.1	.200	1.10	1.09	13.3	11.7	.241	.495	12.5	.6	.3	.83	.70	1.12	1.09	D
436	2255	539.0	38.9	245	297	129	8.22	148.2	3.42	3.26	73.13	527.0	.200	1.10	1.09	13.3	11.7	.242	.495	13.5	.6	.3	.86	.70	1.12	1.09	D
437	2257	540.0	33.1	229	289	129	7.78	148.9	3.42	3.29	73.29	528.2	.210	1.10	1.09	13.4	11.7	.242	.495	14.5	.7	.3	.89	.71	1.12	1.09	D
438	2258	541.0	45.6	233	287	128	7.83	148.9	3.42	3.25	73.45	528.8	.220	1.10	1.09	13.5	11.7	.242	.495	15.5	.7	.3	.82	.71	1.12	1.09	D
439	2300	542.0	39.6	224	304	129	7.60	148.2	3.41	3.29	73.77	529.8	.220	1.10	1.10	13.5	11.7	.242	.495	16.5	.7	.4	.84	.71	1.12	1.09	D
441	2315	543.0	39.0	229	305	128	7.76	149.6	3.43	3.29	75.52	532.7	.260	1.10	1.10	13.7	11.6	.244	.494	17.5	.8	.4	.85	.71	1.12	1.08	D
442	2316	544.1	50.7	239	312	128	8.43	149.6	3.43	3.28	75.68	532.7	.270	1.10	1.10	13.7	11.6	.243	.495	18.5	.8	.4	.81	.71	1.12	1.08	D
443	2317	545.0	54.1	228	308	128	7.59	148.9	3.43	3.22	76.00	532.8	.290	1.10	1.10	13.7	11.6	.243	.494	19.5	.8	.4	.78	.72	1.12	1.08	D
444	2318	546.0	40.2	240	295	127	8.48	148.9	3.43	3.25	76.15	533.5	.290	1.10	1.10	13.7	11.6	.244	.495	20.5	.9	.4	.86	.72	1.12	1.08	D
445	2320	547.0	47.0	240	312	128	8.99	148.9	3.43	3.29	76.00	534.4	.320	1.10	1.10	13.8	11.6	.244	.495	21.5	.9	.4	.84	.72	1.12	1.07	D
446	2321	548.0	54.1	224	279	129	7.68	148.9	3.42	3.28	76.15	534.9	.340	1.10	1.10	13.8	11.6	.244	.495	22.5	.9	.4	.78	.72	1.12	1.07	D
447	2322	549.0	43.2	230	291	128	7.52	148.9	3.42	3.22	76.31	535.6	.340	1.10	1.10	13.8	11.6	.244	.495	23.5	.9	.4	.80	.73	1.12	1.06	D
448	2323	550.0	41.8	235	271	127	8.12	148.9	3.43	3.28	76.15	536.5	.330	1.10	1.10	13.8	11.6	.244	.495	24.5	1.0	.5	.84	.73	1.12	1.05	D
449	2325	551.0	50.6	229	281	128	8.07	148.9	3.43	3.28	76.47	537.3	.350	1.10	1.10	13.9	11.6	.244	.495	25.5	1.0	.5	.80	.73	1.12	1.05	D
450	2326	552.0	50.4	196	283	128	8.08	148.9	3.43	3.26	76.63	538.0	.350	1.10	1.10	13.9	11.6	.244	.495	26.5	1.0	.5	.81	.74	1.12	1.05	D
453	2343	553.0	49.1	200	257	128	5.76	148.2	3.40	3.28	77.27	542.2	.200	1.10	1.10	14.1	15.7	.247	.240	27.5	1.1	.5	.75	.74	1.12	1.05	D
454	2345	554.0	30.3	198	236	128	5.00	148.2	3.40	3.30	76.79	542.2	.230	1.10	1.10	14.1	15.6	.248	.241	28.5	1.1	.5	.82	.74	1.12	1.04	D
455	2347	555.0	25.4	182	221	128	3.77	148.2	3.41	3.30	76.79	542.4	.290	1.10	1.10	14.2	15.8	.249	.245	29.5	1.1	.5	.81	.74	1.12	1.04	D
456	2349	556.0	29.9	169	223	129	3.43	148.2	3.41	3.29	76.79	543.8	.330	1.10	1.10	14.2	15.8	.249	.246	30.5	1.2	.5	.77	.74	1.12	1.04	D
457	2352	557.0	18.4	170	216	129	3.17	148.2	3.41	3.31	76.63	546.0	.410	1.10	1.10	14.3	15.7	.248	.248	31.5	1.2	.6	.84	.75	1.12	1.03	D
458	2354	558.0	25.3	178	236	129	3.29	147.5	3.41	3.29	76.47	548.0	.440	1.10	1.10	14.4	15.8	.248	.250	32.5	1.3	.6	.79	.75	1.12	1.03	D
459	2358	559.0	18.3	160	221	129	2.24	148.2	3.41	3.30	76.31	550.5	.400	1.10	1.10	14.5	15.7	.248	.251	33.5	1.3	.6	.79	.75	1.12	1.03	D

STATOIL : 15/9-18

Data P[illegible]ed at time 12:03 Date Feb 24 '84
Data R[illegible]ded at time 00:00 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	WOB	ECD	WOB	
460	0000	560.0	25.1	184	235	129	3.61	148.2	3.41	3.27	76.15	552.0	.380	1.10	1.10	14.5	15.8	.249	.251	34.5	1.4	.6	.80	.75	1.12	1.03	D
461	0002	561.0	29.3	197	241	128	4.74	148.2	3.41	3.30	76.00	552.0	.350	1.10	1.10	14.6	15.9	.249	.251	35.5	1.4	.6	.82	.75	1.12	1.03	D
462	0018	562.0	27.6	151	237	119	4.25	121.3	3.03	3.18	76.95	552.0	.250	1.10	1.10	14.8	16.1	.250	.255	36.4	1.5	.7	.80	.76	1.12	1.02	D
463	0022	563.0	15.8	183	257	127	4.51	121.3	3.03	3.26	76.79	552.0	.280	1.10	1.10	14.9	16.1	.250	.252	37.5	1.5	.7	.92	.76	1.12	1.02	D
464	0025	564.0	20.1	180	234	126	4.59	121.3	3.04	3.25	76.79	552.0	.280	1.10	1.10	14.9	16.3	.250	.251	38.5	1.6	.7	.88	.76	1.12	1.02	D
465	0027	565.1	29.4	177	228	127	4.30	121.3	3.03	3.26	76.79	552.0	.290	1.10	1.10	15.0	16.3	.250	.250	39.5	1.6	.7	.80	.76	1.12	1.02	D
466	0030	566.0	15.9	180	231	126	4.83	122.0	3.04	3.28	76.47	552.0	.280	1.10	1.10	15.0	16.4	.250	.249	40.5	1.7	.7	.93	.76	1.12	1.02	D
467	0034	567.0	19.5	179	241	126	4.83	122.0	3.04	3.27	76.31	552.0	.290	1.10	1.10	15.0	16.5	.250	.249	41.5	1.7	.7	.90	.77	1.12	1.01	D
468	0036	568.0	21.4	183	241	126	4.80	122.0	3.03	3.26	76.31	552.0	.300	1.10	1.10	15.1	16.5	.251	.249	42.5	1.8	.8	.83	.78	1.12	1.00	D
469	0039	569.0	18.7	184	245	127	4.94	122.0	3.04	3.26	76.31	552.0	.290	1.10	1.10	15.1	16.5	.251	.250	43.5	1.8	.8	.91	.78	1.12	.991	D
470	0042	570.0	21.6	177	223	126	4.59	122.0	3.04	3.26	76.15	552.1	.340	1.10	1.10	15.1	16.5	.251	.250	44.5	1.9	.8	.86	.79	1.13	.987	D
471	0045	571.0	21.0	171	236	126	4.05	122.7	3.03	3.27	76.15	552.1	.300	1.10	1.10	15.2	16.5	.251	.252	45.5	1.9	.8	.84	.79	1.13	.984	D
472	0101	572.1	24.1	145	224	119	4.88	123.4	3.04	3.26	75.68	552.1	.390	1.10	1.10	15.3	16.6	.251	.371	46.5	2.0	.9	.84	.79	1.13	.982	D
473	0104	573.1	27.2	183	237	130	5.27	123.4	3.04	3.25	75.52	552.1	.370	1.10	1.10	15.3	16.6	.251	.400	47.5	2.1	.9	.85	.79	1.13	.979	D
474	0106	574.0	19.0	195	251	131	5.64	123.4	3.04	3.25	75.36	552.1	.340	1.10	1.10	15.3	16.6	.252	.417	48.5	2.1	.9	.93	.80*	1.13	.970	D
475	0108	575.0	27.9	197	252	130	5.44	123.4	3.05	3.16	75.52	552.1	.310	1.10	1.10	15.4	16.6	.252	.424	49.5	2.1	.9	.85	.80	1.13	.969	D
476	0111	576.0	22.6	170	251	131	4.40	123.4	3.05	3.20	75.36	552.1	.290	1.10	1.10	15.4	16.6	.252	.428	50.5	2.2	.9	.85	.80	1.13	.967	D
477	0113	577.0	29.1	180	236	131	4.88	123.4	3.04	3.25	75.52	552.1	.310	1.10	1.10	15.4	16.6	.252	.429	51.5	2.2	.9	.82	.80	1.13	.968	D
478	0116	578.0	22.5	180	237	131	4.49	123.4	3.04	3.25	75.36	570.0	.320	1.10	1.10	15.4	16.6	.252	.430	52.5	2.3	.9	.85	.81	1.14	.966	D
479	0118	579.0	25.5	191	253	130	3.48	123.4	3.04	3.25	75.36	573.9	.330	1.10	1.10	15.4	16.6	.253	.428	53.5	2.3	1.0	.80	.80	1.12	.967	D
480	0120	580.0	31.6	197	242	130	3.75	123.4	3.04	3.26	75.20	574.1	.340	1.10	1.10	15.4	16.5	.253	.426	54.5	2.3	1.0	.77	.80	1.12	.970	D
481	0135	581.0	20.7	150	242	114	3.20	122.0	3.00	3.20	73.77	574.4	.270	1.10	1.10	15.5	16.6	.251	.252	55.5	2.4	1.0	.80	.80	1.12	.971	D
482	0138	582.0	22.8	178	231	127	3.19	122.7	3.00	3.22	71.54	574.6	.270	1.10	1.10	15.5	16.4	.251	.251	56.5	2.5	1.0	.80	.80	1.12	.972	D
483	0141	583.0	23.8	174	232	127	3.12	122.7	3.01	3.28	71.39	575.0	.310	1.10	1.10	15.5	16.9	.251	.248	57.5	2.5	1.0	.79	.80	1.12	.974	D
484	0143	584.0	25.0	178	222	127	3.41	122.7	3.00	3.26	71.23	575.2	.310	1.10	1.10	15.6	17.0	.251	.248	58.5	2.6	1.0	.79	.80	1.12	.976	D
485	0145	585.0	25.4	176	229	127	3.36	122.7	3.00	3.28	71.23	575.5	.330	1.10	1.10	15.6	17.1	.251	.248	59.5	2.6	1.1	.79	.80	1.12	.977	D
486	0147	586.0	28.8	180	242	127	3.32	122.7	3.00	3.26	71.23	575.7	.280	1.10	1.10	15.6	17.1	.251	.248	60.5	2.6	1.1	.76	.80	1.12	.980	D
487	0149	587.0	28.1	175	232	127	3.09	123.4	3.01	3.25	71.23	576.0	.320	1.10	1.10	15.6	17.2	.250	.248	61.5	2.7	1.1	.76	.79	1.12	.984	D
488	0152	588.0	23.5	181	245	126	3.45	123.4	3.00	3.23	71.07	576.4	.320	1.10	1.10	15.6	17.1	.250	.249	62.5	2.7	1.1	.80	.79	1.12	.985	D
489	0154	589.0	27.3	166	221	127	2.44	152.4	3.27	3.26	70.75	577.8	.320	1.10	1.10	15.6	17.1	.250	.249	63.5	2.8	1.1	.73	.79	1.12	.989	D
490	0157	590.0	22.3	166	226	127	2.86	156.5	3.42	3.30	70.27	579.1	.390	1.10	1.10	15.6	17.1	.250	.250	64.5	2.8	1.1	.79	.79	1.12	.991	D
491	0212	591.1	30.1	142	254	121	3.43	156.5	3.41	3.22	71.07	580.7	.200	1.10	1.10	15.7	17.4	.249	.253	65.5	2.9	1.2	.75	.79	1.12	.995	D
492	0215	592.0	23.7	181	225	133	3.47	157.2	3.41	3.28	70.59	581.7	.260	1.10	1.10	15.7	16.9	.250	.252	66.5	2.9	1.2	.81	.79	1.12	.995	D
493	0217	593.0	27.3	185	235	133	3.71	157.2	3.42	3.31	70.59	582.8	.280	1.10	1.10	15.8	17.0	.249	.249	67.5	3.0	1.2	.80	.78	1.12	.996	D
494	0219	594.0	24.8	186	233	133	2.79	157.2	3.41	3.30	70.59	583.8	.320	1.10	1.10	15.8	17.2	.249	.248	68.5	3.0	1.2	.77	.78	1.12	.999	D
495	0221	595.1	32.8	179	254	133	2.58	157.2	3.42	3.31	70.59	584.8	.350	1.10	1.10	15.8	17.4	.249	.248	69.5	3.1	1.2	.72	.78	1.12	1.00	D
496	0223	596.0	22.5	189	244	133	2.71	157.2	3.41	3.31	70.27	586.0	.360	1.10	1.10	15.8	17.6	.250	.249	70.5	3.1	1.2	.78	.78	1.12	1.01	D
497	0225	597.0	27.9	199	256	133	3.61	157.9	3.41	3.31	70.43	587.2	.370	1.10	1.10	15.8	17.6	.250	.248	71.5	3.1	1.2	.79	.78	1.12	1.01	D
498	0228	598.0	26.6	182	240	133	2.95	157.9	3.42	3.31	70.11	588.1	.390	1.10	1.10	15.9	17.5	.250	.248	72.5	3.2	1.2	.77	.77	1.12	1.01	D
499	0230	599.0	27.7	190	250	132	2.96	157.9	3.42	3.28	70.11	589.1	.440	1.10	1.10	15.9	17.5	.252	.249	73.5	3.2	1.2	.76	.77	1.12	1.01	D
500	0247	600.0	18.4	164	238	129	2.37	157.2	3.40	3.30	68.36	590.7	.300	1.10	1.10	16.1	17.9	.250	.251	74.5	3.3	1.3	.80	.77	1.12	1.01	D
501	0250	601.0	23.8	183	227	130	1.90	157.2	3.39	3.32	67.89	591.8	.330	1.10	1.10	16.2	18.0	.250	.248	75.5	3.4	1.3	.78	.77	1.12	1.02	D
502	0253	602.0	21.1	161	218	130	.91	157.2	3.40	3.26	67.89	593.1	.330	1.10	1.10	16.2	18.3	.250	.247	76.5	3.4	1.3	.66	.77	1.12	1.02	D
503	0256	603.0	18.6	171	235	131	.96	157.9	3.40	3.29	67.73	594.6	.330	1.10	1.10	16.3	18.5	.250	.248	77.5	3.5	1.3	.69	.77	1.12	1.02	D
504	0259	604.0	21.3	183	248	130	1.88	157.9	3.40	3.28	67.73	595.8	.320	1.10	1.10	16.3	18.5	.250	.248	78.5	3.5	1.3	.74	.77	1.12	1.02	D
505	0302	605.0	16.9	163	228	130	.85	157.2	3.40	3.32	67.57	597.2	.310	1.10	1.10	7.0	18.3	.584	.248	79.5	3.6	1.4	.68	.77	1.12	1.02	D
506	0304	606.0	25.6	195	253	130	3.33	157.9	3.40	3.32	67.41	598.1	.320	1.10	1.10	16.5	18.3	.250	.250	80.5	3.6	1.4	.79	.77	1.12	1.02	D
507	0307	607.0	21.9	196	255	129	3.34	157.9	3.40	3.31	67.41	599.0	.380	1.10	1.10	16.5	18.9	.250	.252	81.5	3.7	1.4	.82	.77	1.12	1.02	D
508	0310	608.0	22.5	185	250	130	3.22	157.2	3.41	3.31	67.25	599.2	.370	1.10	1.10	16.6	18.8	.250	.252	82.5	3.7	1.4	.81	.77	1.12	1.02	D
509	0312	609.0	30.1	182	232	130	2.81	157.9	3.41	3.32	67.25	599.2	.340	1.10	1.10	16.7	18.7	.250	.253	83.5	3.7	1.4	.74	.76	1.12	1.03	D

STATOIL : 15/9-18

Data Printed at time 12:09 Date Feb 24 '84
Data Rec[illegible]d at time 03:14 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXTD	
511	0315	610.0	25.0	190	250	130	1.39	156.5	3.40	3.32	67.25	599.2	.250	1.10	1.10	16.7	18.7	.250	.252	84.6	3.8	1.4	.64	.76	1.12	1.03	D
	Date	Dec 25 '81																									
516	0630	615.0	35.1	184	223	129	6.47	158.6	3.42	3.42	70.75	607.0	.220	1.10	1.10	16.6	19.0	.059	.064	89.9	3.8	1.8	.84	.76	1.12	1.03	D
517	0602	616.0	25.6	182	244	128	6.34	158.6	3.41	3.41	70.75	607.0	.190	1.10	1.10	16.5	19.1	.253	.240	90.5	3.8	1.8	.90	.77	1.12	1.03	D
	Date	Dec 25 '83																									
518	0505	617.0	25.7	194	254	128	7.15	158.6	3.42	3.42	70.91	610.0	.160	1.10	1.10	16.3	19.2	.253	.243	91.5	3.9	1.8	.92	.77	1.12	1.02	D
519	0507	618.0	26.3	181	242	128	6.38	158.6	3.41	3.41	70.91	610.0	.150	1.10	1.10	16.2	19.2	.254	.245	92.5	3.9	1.8	.89	.77	1.12	1.02	D
520	0509	619.0	31.5	194	234	129	7.09	158.6	3.41	3.41	71.07	610.0	.140	1.10	1.09	16.2	19.2	.254	.247	93.5	3.9	1.8	.88	.78	1.12	1.02	D
521	0511	620.0	31.7	194	233	128	6.67	158.6	3.42	3.42	71.23	610.0	.160	1.10	1.09	16.2	19.2	.254	.249	94.5	4.0	1.8	.87	.78	1.12	1.02	D
522	0531	621.0	17.6	158	228	125	4.42	161.3	3.43	3.32	70.43	610.0	.420	1.10	1.09	16.6	19.0	.251	.259	95.5	4.1	1.9	.90	.78	1.12	1.01	D
523	0533	622.0	23.4	162	216	127	1.24	161.3	3.43	3.31	70.75	610.0	.380	1.10	1.09	16.7	19.0	.251	.252	96.4	4.2	1.9	.67	.78	1.12	1.01	D
524	0536	623.1	23.5	165	216	127	1.09	162.0	3.43	3.33	70.91	613.0	.360	1.10	1.09	16.7	18.9	.252	.250	97.5	4.2	1.9	.66	.78	1.12	1.01	D
525	0539	624.0	15.6	166	218	127	1.41	162.0	3.44	3.33	71.23	615.6	.340	1.10	1.09	16.8	18.9	.253	.250	98.5	4.3	1.9	.75	.78	1.12	1.02	D
526	0543	625.0	15.7	160	215	127	1.68	162.0	3.44	3.32	71.70	616.8	.320	1.10	1.09	16.9	19.0	.255	.269	99.5	4.3	1.9	.77	.78	1.12	1.02	D
527	0545	626.0	22.6	185	231	127	2.61	162.0	3.44	3.31	71.86	618.2	.320	1.10	1.09	17.0	19.1	.255	.307	101	4.4	1.9	.77	.77	1.12	1.02	D
528	0548	627.0	22.2	172	245	127	1.89	162.0	3.44	3.31	72.18	619.1	.370	1.10	1.09	17.0	19.1	.255	.361	102	4.4	1.9	.73	.77	1.12	1.03	D
529	0551	628.0	18.2	171	231	127	1.83	162.0	3.43	3.32	72.34	619.3	.360	1.10	1.09	17.1	19.1	.255	.365	103	4.5	1.9	.76	.77	1.12	1.03	D
530	0554	629.0	21.1	201	266	127	4.00	161.3	3.43	3.33	72.50	619.4	.300	1.10	1.09	17.2	19.1	.256	.358	104	4.5	2.0	.85	.77	1.12	1.03	D
531	0556	630.0	28.2	215	289	126	5.24	161.3	3.43	3.33	72.66	619.4	.240	1.10	1.09	17.2	19.0	.256	.359	105	4.5	2.0	.84	.77	1.12	1.03	D
532	0611	631.0	27.5	195	295	128	6.27	161.3	3.41	3.32	73.29	621.4	.230	1.10	1.09	17.3	19.1	.256	.377	106	4.6	2.0	.88	.77	1.12	1.03	D
533	0612	632.0	33.1	219	287	129	6.71	161.3	3.42	3.33	73.29	622.0	.230	1.10	1.09	17.3	19.1	.257	.374	107	4.7	2.0	.86	.77	1.12	1.02	D
534	0614	633.0	39.1	225	278	126	6.73	161.3	3.42	3.33	73.45	622.4	.280	1.10	1.09	17.3	19.1	.256	.379	108	4.7	2.0	.82	.77	1.12	1.02	D
535	0616	634.0	31.1	198	265	126	4.50	160.6	3.42	3.33	73.45	623.0	.310	1.10	1.09	17.4	19.1	.257	.393	109	4.7	2.0	.80	.77	1.12	1.03	D
536	0618	635.0	22.6	220	307	126	3.78	160.6	3.42	3.33	73.61	623.6	.310	1.10	1.09	17.4	19.2	.257	.390	110	4.8	2.0	.82	.77	1.12	1.03	D
537	0622	636.0	16.6	183	252	127	4.34	160.6	3.42	3.32	73.93	624.9	.370	1.10	1.09	17.4	19.2	.257	.377	111	4.8	2.0	.91	.77	1.12	1.02	D
538	0625	637.0	20.0	205	290	126	5.68	160.0	3.42	3.32	74.25	626.1	.450	1.10	1.09	17.4	19.3	.258	.371	112	4.9	2.0	.92	.78	1.12	1.02	D
539	0628	638.0	23.3	212	277	126	6.09	160.6	3.43	3.33	74.57	626.8	.330	1.10	1.09	17.4	19.3	.258	.367	113	4.9	2.0	.90	.78	1.12	1.02	D
540	0630	639.0	23.7	227	307	126	7.28	160.0	3.42	3.33	74.88	627.7	.270	1.10	1.09	17.5	19.3	.257	.375	114	4.9	2.1	.94	.79	1.12	1.01	D
541	0632	640.0	25.4	261	322	125	7.53	160.6	3.43	3.32	75.20	628.7	.320	1.10	1.09	17.5	19.4	.257	.376	115	5.0	2.1	.93	.79	1.12	1.01	D
542	0649	641.0	20.8	224	324	127	5.44	163.4	3.43	3.32	74.25	631.8	.560	1.10	1.09	17.7	20.1	.256	.258	116	5.1	2.1	.91	.79	1.12	1.00	D
543	0651	642.0	25.3	222	281	130	4.80	162.7	3.43	3.33	74.25	633.2	.500	1.10	1.09	17.7	20.2	.257	.258	117	5.2	2.1	.85	.79	1.12	1.00	D
544	0653	643.0	30.8	223	288	130	5.29	163.4	3.44	3.32	74.41	633.8	.360	1.10	1.09	17.8	19.7	.257	.258	118	5.2	2.1	.83	.79	1.12	1.00	D
545	0656	644.0	25.3	229	293	130	5.65	162.7	3.44	3.33	74.72	634.4	.300	1.10	1.09	17.8	19.9	.258	.258	119	5.2	2.1	.88	.79	1.12	1.00	D
546	0658	645.0	24.8	233	285	130	5.00	162.7	3.44	3.33	75.04	635.1	.200	1.10	1.09	17.8	20.6	.259	.258	120	5.3	2.1	.86	.79	1.12	1.00	D
547	0700	646.0	27.0	226	275	130	4.82	162.7	3.43	3.33	75.36	636.0	.190	1.10	1.09	17.8	20.6	.259	.257	121	5.3	2.1	.84	.79	1.12	1.00	D
548	0702	647.0	29.2	242	301	130	5.80	162.7	3.43	3.33	75.68	636.7	.180	1.10	1.09	17.8	20.5	.260	.258	122	5.3	2.1	.86	.79	1.12	1.00	D
549	0705	649.0	25.4	267	351	130	6.33	162.0	3.44	3.33	76.15	637.7	.180	1.10	1.09	17.9	20.6	.260	.260	123	5.4	2.2	.90	.80	1.12	.999	D
550	0707	649.0	28.1	284	347	129	5.99	162.0	3.43	3.33	76.47	638.5	.240	1.10	1.09	17.9	20.5	.261	.261	124	5.4	2.2	.87	.80	1.12	.999	D
551	0723	650.1	23.5	216	344	128	5.31	163.4	3.44	3.30	77.59	639.3	.260	1.11	1.12	18.0	20.1	.260	.269	125	5.5	2.2	.88	.80	1.12	.998	D
552	0725	651.0	25.8	231	281	128	6.62	164.1	3.44	3.33	76.63	640.2	.250	1.09	1.12	18.0	20.3	.260	.268	126	5.6	2.2	.90	.80	1.12	.995	D
553	0727	652.0	31.1	226	275	128	6.55	163.4	3.44	3.33	76.95	641.3	.350	1.09	1.12	18.1	20.6	.260	.268	127	5.6	2.2	.86	.80	1.12	.995	D
554	0730	653.0	25.7	232	294	128	6.29	164.1	3.44	3.33	77.59	642.1	.260	1.10	1.12	18.1	20.7	.261	.262	128	5.6	2.2	.89	.80	1.12	.993	D
555	0732	654.0	25.9	224	302	128	5.93	163.4	3.44	3.33	77.74	643.2	.290	1.10	1.12	18.1	21.1	.260	.262	129	5.7	2.2	.88	.80	1.12	.992	D
556	0734	655.0	24.1	211	292	128	5.61	163.4	3.44	3.33	77.74	644.2	.270	1.09	1.12	18.1	21.0	.261	.264	130	5.7	2.2	.89	.80	1.12	.991	D
557	0737	656.0	22.2	206	266	129	5.66	163.4	3.44	3.33	77.90	645.4	.380	1.09	1.12	18.1	21.0	.261	.266	131	5.8	2.2	.90	.81	1.12	.989	D
558	0739	657.0	25.6	214	291	129	5.65	163.4	3.44	3.33	77.90	646.4	.300	1.11	1.12	18.1	21.0	.261	.266	132	5.8	2.2	.88	.81	1.12	.988	D
559	0741	658.0	27.9	210	265	128	5.58	162.7	3.44	3.33	77.90	647.4	.270	1.10	1.12	18.1	21.0	.262	.263	133	5.8	2.3	.86	.81	1.12	.989	D
560	0745	659.0	19.5	206	257	129	5.41	162.7	3.44	3.33	78.38	648.4	.320	1.09	1.12	18.1	20.9	.262	.265	134	5.9	2.3	.92	.81	1.12	.986	D
561	0759	660.0	18.7	199	262	128	5.94	160.0	3.39	3.32	79.33	648.9	.310	1.11	1.12	18.3	20.7	.261	.266	135	6.0	2.3	.95	.81	1.12	.981	D
562	0801	661.0	25.4	221	273	129	6.13	160.0	3.40	3.33	79.02	650.0	.340	1.11	1.12	18.3	20.7	.261	.265	136	6.1	2.3	.89	.82	1.12	.980	D

STATOIL : 15/9-18

Data Printed at time 12:15 Date Feb 24 '84
Data Received at time 08:04 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST T/M	DXC	NXB	ECD	NXECD	
563	0804	662.0	27.7	229	278	129	5.65	160.0	3.39	3.33	79.02	651.1	.370	1.11	1.12	18.4	20.7	.262	.272	137	6.1	2.3	.86	.81	1.12	.981	D
564	0806	663.0	29.3	234	294	129	5.86	160.0	3.40	3.32	79.33	651.8	.330	1.12	1.12	18.4	20.7	.262	.280	138	6.1	2.3	.86	.81	1.12	.982	D
565	0807	664.0	30.7	252	327	128	6.21	160.0	3.40	3.30	79.49	652.6	.420	1.11	1.12	18.4	20.7	.263	.293	139	6.2	2.3	.86	.81	1.12	.983	D
566	0810	665.0	22.3	231	320	129	4.71	160.0	3.40	3.32	80.13	653.7	.400	1.11	1.12	18.4	20.7	.263	.317	140	6.2	2.3	.87	.81	1.12	.983	D
567	0816	666.0	20.9	188	299	116	4.96	160.0	3.40	3.32	81.08	656.2	.450	1.11	1.12	18.4	20.6	.263	.371	141	6.3	2.3	.87	.81	1.12	.983	D
568	0818	667.1	33.6	217	258	121	5.49	160.6	3.40	3.33	81.40	656.9	.480	1.11	1.12	18.4	20.6	.263	.392	142	6.3	2.3	.80	.81	1.12	.986	D
569	0820	668.0	29.9	221	262	122	5.93	160.0	3.40	3.33	81.72	657.5	.580	1.11	1.12	18.4	20.6	.263	.398	143	6.3	2.3	.84	.81	1.13	.988	D
570	0839	669.0	21.9	196	256	122	5.03	163.4	3.41	3.31	81.08	659.8	.340	1.11	1.12	18.6	20.7	.262	.263	144	6.4	2.4	.87	.81	1.13	.988	D
571	0841	670.0	27.3	195	233	122	5.27	162.7	3.42	3.33	80.61	660.8	.340	1.10	1.12	18.6	21.0	.262	.264	145	6.5	2.4	.83	.81	1.13	.990	D
572	0843	671.0	27.4	189	233	122	4.05	162.7	3.42	3.33	81.40	661.8	.320	1.11	1.12	18.6	20.9	.263	.262	146	6.5	2.4	.79	.81	1.13	.993	D
573	0845	672.0	31.0	197	235	121	4.77	163.4	3.43	3.34	81.88	662.7	.350	1.13	1.12	18.6	20.9	.261	.263	147	6.6	2.4	.79	.80	1.13	.997	D
574	0847	673.0	36.6	230	266	121	6.42	163.4	3.43	3.34	81.72	663.4	.260	1.13	1.12	18.6	21.3	.261	.263	148	6.6	2.4	.81	.80	1.13	1.00	D
575	0849	674.0	30.2	221	257	121	6.42	163.4	3.43	3.33	81.72	664.2	.250	1.13	1.13	18.6	21.3	.261	.264	149	6.6	2.4	.85	.80	1.13	1.00	D
576	0850	675.0	29.1	216	257	121	5.67	163.4	3.42	3.33	81.72	664.5	.240	1.13	1.13	18.7	21.1	.261	.265	150	6.6	2.4	.83	.80	1.13	1.00	D
577	0853	676.0	29.0	213	256	121	5.74	163.4	3.43	3.33	81.88	664.6	.230	1.13	1.13	18.7	21.2	.261	.265	151	6.7	2.4	.83	.80	1.13	1.00	D
578	0855	677.0	27.4	208	267	121	5.62	163.4	3.42	3.33	82.20	665.5	.270	1.13	1.13	18.7	21.2	.261	.265	152	6.7	2.4	.84	.80	1.13	1.01	D
579	0857	678.0	32.6	218	256	121	6.46	164.1	3.43	3.33	82.51	666.4	.270	1.13	1.13	18.7	21.3	.261	.266	153	6.7	2.4	.83	.80	1.13	1.01	D
580	0913	679.0	30.8	223	269	126	6.88	161.3	3.38	3.32	82.67	667.7	.200	1.14	1.13	18.7	21.3	.258	.271	154	6.9	2.4	.86	.80	1.14	1.01	D
581	0914	680.0	30.9	242	292	129	6.41	165.5	3.42	3.33	83.31	667.7	.190	1.13	1.13	18.7	21.3	.257	.269	155	6.9	2.5	.85	.80	1.14	1.01	D
582	0916	681.0	32.5	232	260	128	5.40	165.5	3.43	3.33	83.79	668.2	.210	1.13	1.13	18.7	21.2	.257	.266	156	6.9	2.5	.80	.80	1.14	1.01	D
583	0918	682.0	30.2	237	272	129	5.93	165.5	3.43	3.34	83.63	669.1	.230	1.14	1.13	18.8	21.2	.257	.265	157	7.0	2.5	.83	.79	1.15	1.01	D
584	0920	683.0	29.3	235	284	129	5.55	164.8	3.43	3.33	84.10	670.1	.230	1.12	1.13	18.8	21.2	.259	.265	158	7.0	2.5	.83	.79	1.15	1.02	D
585	0922	684.0	26.2	246	278	129	6.42	164.8	3.43	3.33	84.74	671.3	.260	1.12	1.13	18.8	21.3	.261	.266	159	7.0	2.5	.87	.79	1.15	1.01	D
586	0924	685.0	29.9	249	291	130	6.80	164.1	3.43	3.33	85.38	672.3	.270	1.12	1.13	18.8	21.3	.261	.266	160	7.1	2.5	.86	.79	1.15	1.01	D
587	0927	686.0	25.1	253	301	129	6.56	164.1	3.43	3.34	85.85	673.4	.270	1.12	1.13	18.8	21.4	.262	.266	161	7.1	2.5	.89	.79	1.15	1.01	D
588	0929	687.0	25.7	254	290	129	6.13	163.4	3.43	3.34	86.33	674.6	.270	1.12	1.13	18.8	21.4	.262	.266	162	7.1	2.5	.87	.80	1.15	1.01	D
589	0931	688.0	38.8	247	295	129	5.81	164.1	3.43	3.33	86.65	675.3	.280	1.11	1.13	18.8	21.4	.262	.267	162	7.2	2.5	.78	.79	1.15	1.02	D
590	0943	689.0	28.3	165	284	120	5.11	164.8	3.43	3.33	88.87	677.2	.240	1.11	1.13	19.0	21.6	.261	.269	163	7.3	2.5	.81	.79	1.15	1.02	D
591	0951	690.0	22.1	239	278	120	6.21	164.1	3.44	3.34	88.87	678.2	.280	1.11	1.13	19.0	21.6	.261	.266	165	7.3	2.5	.89	.79	1.15	1.02	D
592	0954	691.0	20.8	229	272	121	4.95	164.1	3.44	3.34	89.03	679.7	.270	1.12	1.13	19.0	21.6	.262	.264	166	7.4	2.5	.86	.79	1.14	1.02	D
593	0956	692.0	22.7	222	260	121	5.21	164.8	3.43	3.34	89.35	681.0	.270	1.12	1.13	19.1	21.7	.262	.269	167	7.4	2.6	.86	.79	1.14	1.02	D
594	0959	693.0	19.7	213	263	121	5.07	164.8	3.43	3.34	89.51	682.4	.290	1.12	1.13	19.1	21.7	.262	.275	168	7.5	2.6	.88	.79	1.14	1.02	D
595	1002	694.0	26.2	210	242	120	4.66	164.1	3.43	3.34	89.51	683.4	.310	1.12	1.13	19.1	21.7	.263	.280	169	7.5	2.6	.81	.79	1.14	1.02	D
596	1005	695.0	19.5	217	256	121	4.86	164.1	3.43	3.33	89.67	684.7	.560	1.12	1.13	19.1	21.7	.263	.301	170	7.5	2.6	.87	.79	1.14	1.02	D
597	1008	696.0	20.1	214	262	121	4.41	163.4	3.43	3.34	89.83	686.1	1.07	1.12	1.13	19.1	21.7	.263	.332	171	7.6	2.6	.85	.79	1.14	1.02	D
598	1010	697.0	27.3	211	272	121	4.68	162.7	3.44	3.34	89.83	687.1	.820	1.12	1.13	19.2	21.6	.263	.334	171	7.6	2.6	.81	.79	1.14	1.02	D
599	1024	698.0	18.9	210	257	122	5.11	163.4	3.41	3.26	90.30	687.2	.560	1.13	1.13	19.3	21.7	.262	.400	173	7.7	2.6	.89	.79	1.14	1.02	D
600	1026	699.0	21.6	220	257	129	5.17	163.4	3.43	3.33	88.08	688.1	.450	1.13	1.13	19.3	21.6	.262	.402	174	7.8	2.6	.88	.79	1.14	1.02	D
601	1029	700.0	24.1	229	262	129	5.33	163.4	3.42	3.34	87.76	689.1	.320	1.12	1.13	19.3	21.6	.262	.411	175	7.8	2.6	.86	.79	1.14	1.02	D
602	1031	701.0	25.4	230	275	129	5.72	162.7	3.43	3.34	87.28	689.9	.260	1.12	1.13	19.3	21.5	.262	.401	176	7.9	2.6	.86	.79	1.14	1.02	D
603	1033	702.0	34.0	222	296	129	5.46	163.4	3.42	3.34	87.28	690.6	.260	1.12	1.13	19.3	21.5	.262	.402	177	7.9	2.6	.80	.79	1.14	1.03	D
604	1035	703.0	22.3	227	282	129	5.39	163.4	3.43	3.35	87.28	691.5	.230	1.13	1.13	19.3	21.5	.261	.408	178	7.9	2.6	.88	.79	1.14	1.02	D
605	1038	704.0	27.1	230	265	129	5.42	164.1	3.42	3.34	87.28	692.2	.240	1.12	1.13	19.3	21.5	.261	.414	179	8.0	2.7	.84	.79	1.14	1.03	D
606	1040	705.0	24.0	215	263	130	4.81	164.1	3.42	3.33	88.08	693.2	.230	1.13	1.13	19.3	21.5	.261	.410	180	8.0	2.7	.84	.79	1.14	1.03	D
607	1043	706.0	24.0	211	253	130	4.94	164.1	3.41	3.34	88.71	694.0	.240	1.13	1.13	19.3	21.5	.261	.415	180	8.1	2.7	.85	.79	1.14	1.03	D
608	1044	707.0	33.3	227	280	129	5.79	164.8	3.42	3.34	89.19	694.6	.240	1.13	1.13	19.3	21.5	.261	.412	182	8.1	2.7	.81	.79	1.15	1.03	D
609	1058	708.0	40.7	203	256	125	4.65	163.4	3.39	3.28	89.03	696.5	.240	1.14	1.13	19.4	21.8	.260	.305	182	8.2	2.7	.73	.79	1.14	1.03	D
610	1100	709.0	43.4	228	276	128	5.37	163.4	3.40	3.32	87.92	696.5	.220	1.14	1.13	19.4	21.8	.260	.305	184	8.2	2.7	.75	.79	1.15	1.03	D
611	1101	710.0	56.7	226	265	129	5.50	164.1	3.39	3.33	87.76	696.5	.200	1.12	1.13	19.4	21.7	.260	.302	185	8.2	2.7	.70	.79	1.15	1.03	D
612	1102	711.0	54.0	228	274	128	5.57	164.1	3.40	3.34	87.44	696.6	.230	1.12	1.13	19.5	21.4	.261	.295	185	8.2	2.7	.71	.79	1.15	1.03	D

STATOIL : 15/9-18

Data Printed at time 12:21 Date Feb 24 '84
Data Received at time 11:04 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	FLOW m^3	PVT RETURNS	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXMD	
613	1104	712.0	33.7	212	270	129	3.95	164.1	3.40	3.33	87.44	697.2	.190	1.13	1.13	19.5	21.5	.261	.289	187	8.3	2.7	.75	.78	1.15	1.04	D
614	1105	713.1	44.0	208	253	129	3.83	164.1	3.40	3.34	87.28	697.7	.240	1.12	1.13	19.5	21.4	.262	.286	188	8.3	2.7	.69	.79	1.15	1.04	D
615	1106	714.0	46.4	196	256	129	3.19	163.4	3.40	3.33	87.28	698.3	.270	1.12	1.13	19.5	21.5	.262	.286	189	8.3	2.7	.66	.79	1.15	1.04	D
616	1115	715.0	25.7	150	405	130	1.10	162.0	3.36	3.26	87.13	700.1	.420	1.14	1.13	19.5	21.9	.262	.279	190	8.4	2.7	.63	.79	1.15	1.04	D
617	1117	716.0	25.7	178	221	133	1.77	162.0	3.37	3.33	86.01	701.2	.330	1.13	1.13	19.5	21.9	.262	.279	191	8.4	2.7	.69	.79	1.15	1.04	D
618	1150	717.0	26.3	158	229	132	2.34	164.1	3.40	3.33	87.28	713.5	.310	1.13	1.13	19.9	22.3	.262	.274	191	8.9	2.7	.62	.79	1.13	1.04	D
+ Survey at 716m, short trip to shoe.																											
624	1306	718.1	29.9	212	265	129	3.16	162.0	3.37	3.19	80.29	713.5	.110	1.13	1.13	19.4	14.7	.258	.259	193	8.9	2.7	.74	.79	1.14	1.04	D
625	1309	719.0	18.4	207	267	128	2.95	165.5	3.41	3.19	74.41	713.5	.100	1.13	1.13	19.3	16.5	.259	.244	193	9.0	2.8	.81	.78	1.14	1.04	D
626	1314	720.0	14.5	210	257	128	3.27	166.9	3.41	3.31	62.32	713.5	.100	1.12	1.13	18.7	21.2	.263	.252	195	9.1	2.8	.87	.79	1.14	1.04	D
627	1316	721.0	22.4	211	265	128	3.31	165.5	3.41	3.31	62.96	713.5	.100	1.12	1.13	18.4	19.3	.269	.263	196	9.1	2.8	.79	.78	1.14	1.04	D
628	1318	722.1	31.9	209	269	127	2.72	166.2	3.42	3.28	63.28	713.5	.090	1.13	1.13	18.2	20.0	.270	.268	197	9.1	2.8	.71	.78	1.14	1.04	D
629	1320	723.0	32.5	200	255	128	2.11	166.2	3.42	3.24	63.28	713.5	.100	1.12	1.13	18.2	18.5	.270	.269	198	9.2	2.8	.67	.78	1.15	1.04	D
630	1323	724.0	16.9	198	256	128	2.51	165.5	3.41	3.31	64.23	713.5	.130	1.13	1.13	18.2	19.0	.268	.268	199	9.2	2.8	.80	.78	1.15	1.04	D
631	1338	725.0	21.3	215	284	127	7.23	163.4	3.40	3.22	65.98	714.0	.550	1.12	1.13	18.4	21.3	.262	.285	199	9.3	2.8	.94	.78	1.15	1.04	D
632	1341	726.0	19.0	221	270	127	7.82	162.7	3.41	3.30	64.87	715.5	.270	1.12	1.13	18.5	21.1	.262	.283	201	9.4	2.8	.98	.78	1.15	1.04	D
633	1343	727.0	26.8	214	278	126	7.57	164.1	3.42	3.28	65.03	716.0	.250	1.12	1.13	18.5	21.0	.263	.275	202	9.4	2.8	.90	.79	1.15	1.04	D
634	1345	728.0	31.5	221	282	127	8.00	165.5	3.42	3.20	65.03	716.8	.210	1.12	1.13	18.5	21.0	.264	.271	203	9.4	2.8	.88	.79	1.15	1.04	D
635	1348	729.0	18.1	227	281	127	7.87	164.8	3.41	3.30	65.34	717.7	.190	1.13	1.13	18.6	21.0	.265	.271	204	9.5	2.8	.99	.79	1.15	1.04	D
636	1351	730.0	23.2	204	261	128	6.89	164.8	3.42	3.31	65.03	718.5	.190	1.13	1.13	18.7	21.1	.264	.269	205	9.5	2.8	.91	.79	1.15	1.04	D
637	1353	731.2	35.9	200	260	128	6.70	164.8	3.41	3.23	65.03	719.0	.170	1.13	1.13	18.7	21.0	.265	.269	206	9.6	2.9	.82	.79	1.15	1.04	D
638	1356	732.0	15.7	201	276	127	7.02	163.4	3.41	3.31	65.66	720.2	.200	1.13	1.13	18.7	21.3	.265	.270	207	9.6	2.9	.99	.79	1.15	1.04	D
639	1357	733.0	37.5	203	261	128	7.12	163.4	3.41	3.25	65.98	721.1	.200	1.13	1.13	18.7	21.3	.265	.270	207	9.6	2.9	.82	.79	1.15	1.04	D
640	1400	734.0	23.5	241	296	127	8.06	163.4	3.41	3.28	66.30	722.0	.190	1.13	1.13	18.8	21.3	.264	.272	209	9.7	2.9	.94	.79	1.15	1.04	D
641	1414	735.0	34.3	212	263	127	8.45	165.5	3.42	3.29	68.68	723.3	.210	1.13	1.13	18.9	21.6	.260	.284	210	9.8	2.9	.87	.79	1.15	1.04	D
642	1415	736.0	40.4	204	255	128	8.10	165.5	3.42	3.31	68.52	723.4	.220	1.12	1.13	18.9	21.6	.261	.281	210	9.8	2.9	.83	.79	1.15	1.04	D
643	1417	737.0	26.7	215	262	128	8.21	166.2	3.43	3.30	68.52	724.2	.210	1.12	1.13	19.0	21.6	.262	.322	211	9.8	2.9	.92	.79	1.15	1.04	D
644	1419	738.0	31.4	201	260	127	7.04	166.2	3.43	3.29	68.52	724.8	.210	1.12	1.13	19.0	21.6	.262	.357	212	9.8	2.9	.85	.79	1.15	1.04	D
645	1422	739.1	21.6	206	268	127	7.71	166.2	3.44	3.32	68.68	726.0	.210	1.13	1.13	19.0	21.5	.262	.366	214	9.9	2.9	.95	.79	1.15	1.04	D
646	1424	740.1	27.2	262	342	126	7.78	166.2	3.43	3.29	68.84	726.8	.210	1.12	1.13	19.0	21.5	.263	.388	215	9.9	2.9	.90	.79	1.15	1.03	D
647	1426	741.0	26.7	200	261	128	7.32	166.2	3.43	3.32	69.16	727.4	.220	1.12	1.13	18.9	21.4	.263	.388	216	10.0	2.9	.89	.79	1.15	1.03	D
648	1428	742.0	29.5	217	272	127	8.07	166.2	3.44	3.30	69.48	728.4	.220	1.12	1.13	18.9	21.4	.263	.390	217	10.0	2.9	.89	.80	1.15	1.03	D
649	1430	743.0	27.9	205	266	128	7.56	166.2	3.43	3.22	69.95	729.3	.210	1.12	1.13	18.9	21.3	.263	.384	218	10.0	2.9	.89	.80	1.15	1.03	D
650	1432	744.0	25.3	212	252	128	7.99	166.2	3.44	3.31	69.95	730.2	.230	1.13	1.13	18.9	21.2	.263	.381	218	10.1	2.9	.92	.80	1.15	1.03	D
651	1446	745.0	22.0	185	272	125	8.29	164.1	3.41	3.24	70.75	732.9	.190	1.12	1.13	18.8	21.1	.261	.295	220	10.1	3.0	.96	.80	1.15	1.03	D
652	1448	746.0	25.7	225	279	127	8.00	164.8	3.42	3.30	69.95	732.9	.150	1.13	1.13	18.8	20.9	.262	.293	221	10.2	3.0	.92	.80	1.15	1.02	D
653	1450	747.1	25.3	217	294	127	6.98	164.8	3.42	3.28	70.11	733.1	.230	1.11	1.13	18.8	20.2	.262	.300	222	10.2	3.0	.89	.80	1.15	1.02	D
654	1506	748.1	22.5	192	369	126	6.81	164.1	3.33	2.56	73.77	737.8	.160	1.12	1.13	18.7	21.0	.260	.286	222	10.5	3.0	.92	.80	1.14	1.02	D
655	1509	749.0	21.2	192	272	121	6.65	163.4	3.41	2.82	71.70	738.9	.200	1.11	1.13	18.7	20.6	.261	.285	224	10.5	3.0	.92	.81	1.14	1.02	D
656	1511	750.0	25.5	208	254	121	7.08	161.3	3.42	2.44	71.70	740.0	.180	1.12	1.13	18.7	20.6	.261	.286	225	10.6	3.0	.89	.81	1.14	1.02	D
657	1515	751.0	14.6	166	253	122	4.56	160.0	3.41	2.31	72.18	741.9	.210	1.12	1.13	18.7	20.7	.260	.285	226	10.6	3.0	.92	.81	1.14	1.02	D
658	1517	752.0	29.4	262	319	124	11.0	160.6	3.41	2.38	72.34	742.8	.180	1.12	1.13	18.7	20.6	.260	.285	227	10.7	3.0	.96	.81	1.14	1.01	D
659	1519	753.1	33.3	244	292	125	10.7	160.6	3.41	2.37	72.50	743.3	.180	1.12	1.13	18.7	20.7	.260	.285	228	10.7	3.0	.93	.81	1.14	1.01	D
660	1521	754.0	24.2	239	276	125	10.8	161.3	3.43	2.36	73.13	743.3	.170	1.12	1.13	18.7	20.7	.260	.286	229	10.7	3.0	1.00	.82	1.14	1.01	D
661	1624	755.0	43.5	252	316	126	11.3	159.6	3.37	2.45	72.18	746.6	.120	1.11	1.13	18.3	17.5	.255	.274	229	10.9	3.0	.89	.82	1.14	1.01	D
662	1626	756.0	34.8	255	303	128	11.1	158.6	3.39	2.46	71.07	746.6	.130	1.11	1.13	18.3	15.5	.255	.277	231	10.9	3.0	.94	.82	1.14	1.01	D
663	1627	757.0	35.5	259	311	127	12.1	160.6	3.41	2.47	70.91	746.6	.120	1.13	1.13	18.3	15.3	.255	.265	231	11.0	3.0	.95	.82	1.14	1.00	D
664	1628	758.0	50.0	254	309	128	11.8	160.6	3.41	2.43	70.91	746.7	.150	1.12	1.13	18.3	16.2	.256	.255	232	11.0	3.0	.87	.82	1.14	1.01	D
665	1630	759.0	47.2	266	321	127	12.1	161.3	3.41	2.42	71.07	747.3	.160	1.11	1.13	18.3	18.9	.256	.252	233	11.0	3.0	.88	.82	1.14	1.01	D
666	1631	760.0	40.6	268	325	128	12.3	161.3	3.42	2.43	71.23	747.8	.140	1.14	1.13	18.2	17.9	.256	.252	234	11.0	3.1	.92	.82	1.14	1.01	D

STATOIL : 15/9-18

Data Printed at time 12:27 Date Feb 24 '84
Data Received at time 16:32 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MWB	ECD	UMD	
667	1632	761.0	37.9	253	314	127	11.3	161.3	3.41	2.48	71.07	748.3	.140	1.16	1.13	18.1	18.3	.256	.256	236	11.1	3.1	.92	.82	1.14	1.01	D
668	1634	762.0	42.3	259	317	128	11.9	161.3	3.42	2.49	70.91	748.9	.160	1.15	1.13	18.1	20.3	.257	.259	237	11.1	3.1	.91	.82	1.14	1.01	D
669	1636	763.0	29.8	252	323	128	11.4	161.3	3.41	2.50	70.75	749.3	.150	1.16	1.13	17.8	17.3	.259	.264	238	11.1	3.1	.97	.82	1.14	1.00	D
670	1649	764.1	33.5	236	309	128	11.0	162.7	3.40	2.41	75.36	752.7	.170	1.15	1.13	17.7	19.4	.256	.275	239	11.2	3.1	.93	.82	1.15	1.00	D
671	1651	765.0	34.0	259	313	127	12.2	162.7	3.42	2.43	74.57	752.7	.170	1.14	1.13	17.7	19.6	.256	.276	239	11.2	3.1	.95	.83	1.15	1.00	D
672	1653	766.0	33.2	270	328	127	12.5	162.7	3.41	2.43	74.80	752.7	.140	1.15	1.13	17.8	20.0	.256	.275	241	11.2	3.1	.96	.83	1.15	.998	D
673	1655	767.1	32.0	248	314	128	11.4	162.0	3.41	2.42	75.20	752.7	.130	1.15	1.13	17.8	19.9	.256	.275	241	11.3	3.1	.95	.83	1.15	.996	D
674	1656	768.1	59.9	250	298	128	11.5	162.0	3.41	2.38	75.52	752.7	.170	1.15	1.13	17.9	20.0	.256	.275	242	11.3	3.1	.81	.83	1.16	1.00	D
675	1657	769.0	28.2	260	318	128	11.7	162.0	3.41	2.29	76.00	752.7	.160	1.15	1.13	17.9	19.8	.256	.272	244	11.3	3.1	.98	.83	1.16	.997	D
676	1659	770.0	31.8	280	336	127	12.0	161.3	3.41	2.33	76.47	752.8	.160	1.15	1.13	17.9	19.9	.256	.272	245	11.4	3.1	.95	.83	1.16	.995	D
677	1701	771.1	36.6	281	348	127	12.4	161.3	3.42	2.34	76.79	752.8	.170	1.15	1.13	18.0	19.9	.255	.272	245	11.4	3.1	.93	.83	1.16	.995	D
678	1704	773.0	31.2	270	318	127	11.5	162.0	3.41	2.28	77.43	753.9	.180	1.15	1.13	18.0	20.0	.256	.272	247	11.4	3.1	.94	.83	1.17	.994	D
679	1719	774.0	30.4	237	290	124	10.7	160.0	3.40	2.37	81.40	761.1	.200	1.13	1.13	17.9	20.1	.256	.275	248	11.5	3.1	.93	.84	1.17	.993	D
680	1721	775.0	31.1	242	294	124	10.1	160.0	3.41	2.40	81.24	762.0	.180	1.14	1.13	18.0	20.0	.256	.275	250	11.6	3.1	.90	.83	1.17	.994	D
681	1722	776.0	35.3	248	316	124	9.51	160.0	3.40	2.42	81.40	762.2	.230	1.14	1.13	18.0	20.0	.255	.277	250	11.6	3.2	.86	.83	1.17	.996	D
682	1724	777.0	31.2	234	272	125	10.4	160.0	3.41	2.43	81.80	762.2	.220	1.14	1.13	18.0	20.1	.255	.274	251	11.6	3.2	.91	.83	1.17	.997	D
683	1726	778.0	33.8	243	306	126	10.6	160.0	3.41	2.35	82.04	762.2	.180	1.14	1.13	18.0	20.3	.255	.273	252	11.6	3.2	.90	.83	1.17	.997	D
684	1729	779.1	25.0	241	292	125	10.3	159.3	3.40	2.28	82.36	762.4	.240	1.13	1.13	18.1	20.3	.255	.269	254	11.7	3.2	.96	.84	1.17	.995	D
685	1731	780.0	25.0	248	294	125	10.2	160.0	3.41	2.25	82.36	763.4	.200	1.15	1.13	18.1	20.4	.254	.280	255	11.7	3.2	.96	.84	1.17	.993	D
686	1734	781.0	19.0	245	309	125	9.95	160.0	3.41	2.25	82.67	765.1	.210	1.14	1.13	18.2	20.4	.254	.272	256	11.8	3.2	1.01	.84	1.17	.988	D
687	1736	782.0	30.7	236	295	124	10.1	160.6	3.42	2.23	82.99	766.5	.240	1.14	1.13	18.2	20.4	.254	.274	257	11.8	3.2	.91	.84	1.17	.989	D
688	1752	783.1	26.0	233	280	125	10.3	160.0	3.35	2.25	84.26	771.6	.160	1.14	1.13	18.3	20.4	.254	.284	257	11.9	3.2	.96	.84	1.16	.987	D
689	1753	784.0	35.6	267	320	124	11.6	162.7	3.40	2.34	84.10	771.6	.190	1.13	1.13	18.3	20.4	.254	.280	258	11.9	3.2	.91	.84	1.16	.988	D
690	1755	785.0	32.3	258	317	124	11.2	162.0	3.41	2.34	83.95	771.6	.190	1.13	1.13	18.3	20.4	.255	.288	260	12.0	3.2	.93	.84	1.16	.988	D
691	1757	786.1	35.9	233	306	125	10.1	162.7	3.41	2.34	83.95	771.6	.180	1.14	1.13	18.3	20.4	.255	.315	260	12.0	3.2	.88	.84	1.17	.990	D
692	1759	787.0	23.3	229	306	125	9.88	162.7	3.41	2.36	84.10	771.8	.210	1.14	1.13	18.3	20.3	.255	.321	261	12.0	3.2	.97	.84	1.17	.988	D
693	1801	788.0	26.8	246	307	125	10.3	162.7	3.40	2.36	84.26	772.8	.190	1.14	1.13	18.3	20.3	.256	.324	262	12.1	3.2	.95	.84	1.17	.987	D
694	1803	789.0	27.4	221	294	126	9.43	164.8	3.40	2.26	83.95	773.7	.260	1.13	1.13	18.3	20.3	.256	.358	264	12.1	3.2	.93	.84	1.16	.987	D
695	1807	790.0	17.7	214	280	126	10.5	163.4	3.40	2.41	84.10	775.5	.200	1.14	1.13	18.4	20.4	.256	.381	265	12.2	3.2	1.05	.85	1.16	.981	D
696	1808	791.0	32.4	227	289	125	9.88	163.4	3.40	2.40	84.26	776.4	.200	1.15	1.13	18.4	20.4	.256	.379	266	12.2	3.3	.90	.85	1.16	.983	D
697	1810	792.0	32.4	219	278	127	10.2	162.0	3.41	2.30	84.26	777.2	.200	1.14	1.13	18.4	20.4	.255	.395	267	12.2	3.3	.91	.85	1.16	.984	D
698	1826	793.0	33.6	217	291	126	9.86	160.6	3.39	2.56	77.59	781.2	.200	1.14	1.13	18.5	20.0	.252	.267	267	12.3	3.3	.90	.85	1.16	.985	D
699	1828	794.2	31.3	245	307	127	10.8	160.0	3.39	2.51	74.88	781.2	.200	1.13	1.13	18.5	20.2	.252	.269	268	12.4	3.3	.93	.85	1.16	.985	D
700	1829	795.1	40.8	242	316	128	10.7	160.0	3.39	2.43	74.41	781.2	.200	1.13	1.13	18.5	20.3	.252	.270	269	12.4	3.3	.87	.85	1.16	.988	D
701	1831	796.1	28.9	221	317	128	9.65	162.0	3.41	2.34	74.57	781.2	.200	1.14	1.13	18.5	20.2	.252	.270	270	12.4	3.3	.92	.85	1.16	.988	D
702	1833	797.0	23.4	240	304	126	10.6	162.0	3.42	2.27	75.36	781.6	.200	1.14	1.13	18.6	20.2	.252	.273	271	12.4	3.3	.99	.85	1.17	.986	D
703	1835	798.0	31.8	231	311	127	10.3	162.0	3.42	2.17	75.68	782.7	.200	1.14	1.13	18.6	20.3	.253	.272	273	12.5	3.3	.91	.85	1.17	.987	D
704	1838	799.1	21.2	236	302	128	10.3	162.0	3.42	2.16	76.00	784.3	.200	1.14	1.13	18.6	20.4	.253	.273	274	12.5	3.3	1.00	.85	1.16	.984	D
705	1839	800.0	37.9	266	337	127	11.5	162.0	3.41	2.11	75.68	784.9	.200	1.14	1.13	18.6	20.4	.253	.272	275	12.5	3.3	.90	.89	1.16	.985	D
706	1842	801.0	24.9	239	327	127	10.6	161.3	3.42	2.25	75.68	786.2	.200	1.14	1.13	18.6	20.5	.254	.274	276	12.6	3.3	.98	.89	1.16	.985	D
707	1844	802.0	23.6	177	312	128	9.20	161.3	3.42	2.19	75.68	787.4	.200	1.14	1.13	18.6	20.5	.253	.275	276	12.6	3.3	.96	.89	1.16	.988	D
708	1902	803.1	20.3	241	347	127	10.5	162.0	3.43	2.31	75.20	790.9	.200	1.14	1.13	18.7	20.8	.252	.275	277	12.8	3.3	1.02	.89	1.16	.990	D
709	1904	804.1	27.9	236	312	128	10.6	162.0	3.43	2.36	75.04	790.9	.200	1.14	1.13	18.7	20.8	.252	.269	278	12.8	3.3	.95	.88	1.16	.993	D
710	1906	805.0	30.7	240	307	128	10.9	162.7	3.43	2.20	74.72	791.3	.190	1.14	1.13	18.7	20.8	.252	.268	280	12.8	3.4	.94	.88	1.16	.997	D
711	1909	806.0	18.7	247	313	128	11.0	162.0	3.43	2.29	74.57	792.7	.210	1.14	1.13	18.7	20.9	.252	.273	281	12.9	3.4	1.05	.88	1.16	.997	D
712	1911	807.2	45.6	246	334	128	10.1	162.7	3.43	2.29	74.57	793.6	.190	1.14	1.13	18.7	20.9	.253	.281	282	12.9	3.4	.84	.88	1.16	.997	D
713	1913	808.0	16.1	255	317	128	11.4	163.4	3.43	2.35	74.72	795.1	.210	1.14	1.13	18.6	20.9	.253	.326	283	12.9	3.4	1.09	.88	1.16	.996	D
714	1916	809.0	18.4	250	317	129	10.8	162.7	3.43	2.28	74.72	796.5	.220	1.15	1.13	18.6	20.9	.253	.335	284	13.0	3.4	1.05	.88	1.16	.996	D
715	1919	810.0	28.3	239	315	128	10.2	162.7	3.44	2.30	75.20	797.5	.220	1.14	1.13	18.5	20.9	.254	.356	284	13.0	3.4	.94	.88	1.16	.999	D
716	1921	811.0	20.0	233	309	128	10.7	162.0	3.43	2.33	75.20	798.9	.250	1.14	1.13	18.5	20.8	.253	.362	286	13.1	3.4	1.02	.88	1.16	1.00	D

STATOIL : 15/9-18

Data Printed at time 12:33 Date Feb 24 '84
Data Rec[illegible]d at time 19:39 Date Dec 25 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXD	ECD	NXED	
717	1939	812.0	28.2	133	293	127	10.5	161.3	3.39	2.26	73.61	800.6	.220	1.14	1.13	18.6	20.6	.250	.404	287	13.2	3.4	.95	.88	1.16	1.00	D
718	1941	813.0	23.3	237	294	123	11.0	160.6	3.39	2.17	73.93	800.6	.250	1.14	1.13	18.6	20.6	.251	.396	287	13.2	3.4	.99	.88	1.16	1.01	D
719	1942	814.1	88.9	254	339	123	12.2	160.6	3.40	2.18	73.93	800.7	.260	1.14	1.13	18.6	20.5	.251	.396	288	13.2	3.4	.72	.88	1.16	1.01	D
720	1945	815.1	19.7	261	374	123	12.1	160.6	3.39	2.16	73.13	802.1	.230	1.15	1.13	18.6	20.4	.252	.389	289	13.3	3.4	1.05	.88	1.16	1.01	D
721	1947	816.1	50.9	256	333	125	12.3	160.6	3.40	2.17	72.66	802.7	.260	1.14	1.13	18.6	20.4	.252	.391	290	13.3	3.4	.85	.88	1.16	1.01	D
722	1950	817.2	17.5	239	332	122	10.8	162.0	3.41	2.19	71.54	804.1	.250	1.15	1.13	18.6	20.2	.253	.392	292	13.4	3.4	1.05	.88	1.16	1.01	D
723	1953	818.0	15.5	262	349	123	11.1	161.3	3.41	2.15	70.75	805.8	.260	1.15	1.13	18.5	20.1	.253	.391	293	13.4	3.4	1.09	.88	1.16	1.00	D
724	1956	819.0	20.5	275	351	123	11.9	160.6	3.41	2.29	69.48	806.4	.350	1.14	1.13	18.6	20.1	.252	.394	293	13.5	3.5	1.04	.88	1.16	1.00	D
	Date	Dec 26 '83																									
729	0519	820.0	26.2	201	277	127	2.26	164.1	3.40	2.46	52.94	810.0	.140	1.14	1.13	15.0	6.8	.248	.275	295	13.7	3.5	.70	.83	1.16	1.00	D
730	0524	821.1	14.0	235	296	126	4.80	168.2	3.41	2.46	53.74	810.0	.170	1.14	1.13	15.1	15.3	.251	.237	295	13.8	3.5	.92	.88	1.16	1.01	D
731	0527	822.1	18.9	196	286	117	7.16	168.9	3.41	2.37	54.21	811.0	.200	1.14	1.13	14.7	18.3	.254	.245	297	13.8	3.5	.93	.87	1.16	1.01	D
732	0543	823.0	39.3	219	271	128	8.27	166.9	3.39	3.36	53.26	811.0	.470	1.13	1.13	14.8	19.3	.252	.280	298	13.9	3.5	.83	.87	1.16	1.01	D
733	0546	824.0	21.0	240	282	130	9.22	166.2	3.38	3.62	52.62	812.5	.960	1.13	1.13	15.2	19.4	.252	.292	299	14.0	3.5	.99	.87	1.16	1.01	D
734	0549	825.0	22.0	226	272	130	8.98	165.5	3.38	3.71	50.24	814.4	2.32	1.14	1.13	15.5	19.4	.250	.304	300	14.0	3.5	.90	.87	1.16	1.02	D
735	0552	826.0	17.5	226	279	131	8.24	102.0	2.58	2.92	48.33	816.3	1.49	1.14	1.13	15.9	19.2	.251	.302	301	14.1	3.5	1.00	.87	1.15	1.02	D
736	0555	827.1	21.3	316	409	129	11.4	99.97	2.58	2.79	48.01	817.8	1.16	1.14	1.13	16.2	19.3	.254	.301	302	14.1	3.5	1.04	.87	1.15	1.02	D
737	0558	828.0	21.6	314	414	129	12.8	98.60	2.58	2.73	47.54	818.9	1.10	1.13	1.13	16.4	19.3	.283	.304	303	14.2	3.5	1.07	.87	1.15	1.02	D
738	0601	829.0	17.8	289	332	129	12.9	97.91	2.58	2.83	47.70	819.2	1.07	1.13	1.13	16.4	19.3	.277	.321	304	14.2	3.5	1.12	.87	1.15	1.02	D
739	0604	830.0	24.2	278	337	129	12.4	100.7	2.58	2.67	55.17	819.2	.770	1.13	1.13	15.8	19.2	.274	.342	305	14.3	3.6	1.04	.87	1.15	1.02	D
740	0607	831.0	15.9	276	323	130	12.3	102.0	2.57	2.54	62.80	819.9	.360	1.14	1.13	15.5	19.3	.271	.361	306	14.3	3.6	1.13	.87	1.15	1.01	D
741	0611	832.0	16.6	258	307	130	11.2	103.4	2.57	2.39	62.16	820.5	.220	1.13	1.13	15.9	19.3	.260	.364	307	14.4	3.6	1.09	.88	1.15	1.01	D
742	0625	833.1	23.5	254	301	130	12.6	170.3	3.41	3.15	61.69	821.8	.190	1.14	1.13	16.3	19.3	.258	.382	308	14.5	3.6	1.05	.88	1.15	1.01	D
743	0627	834.0	20.7	266	315	129	12.9	169.6	3.43	3.16	62.32	821.8	.180	1.14	1.13	16.4	19.3	.259	.382	309	14.5	3.6	1.08	.88	1.15	1.01	D
744	0629	835.0	28.2	285	346	129	11.9	168.9	3.41	3.18	62.96	821.8	.180	1.13	1.13	16.4	19.3	.258	.384	310	14.6	3.6	.99	.87	1.15	1.01	D
745	0632	836.0	19.2	303	352	128	11.8	167.5	3.42	3.14	63.59	823.1	.210	1.13	1.13	16.4	19.2	.260	.382	310	14.6	3.6	1.07	.88	1.16	1.01	D
746	0635	837.0	21.8	305	353	129	11.9	166.9	3.42	3.14	64.39	823.9	.220	1.13	1.13	16.4	19.3	.259	.381	311	14.7	3.6	1.04	.88	1.16	1.01	D
747	0636	838.0	49.9	319	352	128	13.0	166.9	3.42	3.09	64.71	824.5	.230	1.13	1.13	16.4	19.2	.261	.382	312	14.7	3.6	.88	.88	1.16	1.01	D
748	0640	839.0	16.7	304	341	129	12.3	166.2	3.43	3.06	65.34	825.7	.230	1.13	1.13	16.4	19.2	.261	.389	314	14.7	3.6	1.11	.88	1.16	1.01	D
749	0643	840.0	20.0	280	330	129	11.7	164.8	3.42	3.13	65.98	826.8	.240	1.13	1.13	16.4	19.2	.261	.387	315	14.8	3.6	1.06	.88	1.16	1.01	D
750	0645	841.0	24.8	296	355	129	11.8	164.8	3.41	3.09	66.77	828.1	.240	1.12	1.13	16.3	19.2	.261	.393	316	14.8	3.7	1.02	.88	1.15	1.01	D
751	0705	842.0	17.7	276	356	128	11.9	165.5	3.42	3.22	70.27	831.7	.180	1.12	1.13	16.2	18.3	.258	.267	317	15.0	3.7	1.10	.88	1.15	1.01	D
752	0707	843.0	21.0	278	317	127	12.4	164.8	3.42	3.30	71.23	832.5	.200	1.12	1.13	16.1	17.1	.259	.274	318	15.0	3.7	1.07	.88	1.15	1.01	D
753	0709	844.1	35.1	275	325	127	11.4	164.8	3.42	3.22	71.86	833.3	.210	1.12	1.13	16.1	17.3	.259	.268	319	15.0	3.7	.93	.88	1.15	1.02	D
754	0712	845.0	16.1	302	337	127	12.5	164.8	3.43	3.14	73.29	834.5	.190	1.12	1.13	16.2	17.9	.260	.268	320	15.1	3.7	1.13	.88	1.14	1.01	D
755	0715	846.0	22.1	279	319	127	11.6	165.5	3.42	3.11	74.57	835.5	.170	1.12	1.13	16.2	17.9	.259	.269	321	15.1	3.7	1.04	.88	1.14	1.01	D
756	0719	847.0	17.0	288	328	127	11.8	165.5	3.42	3.04	76.15	836.8	.180	1.11	1.13	16.2	18.1	.260	.269	322	15.2	3.7	1.11	.88	1.14	1.01	D
757	0721	848.0	21.0	305	373	126	12.9	165.5	3.42	3.13	77.43	837.9	.160	1.13	1.13	16.2	17.8	.259	.270	323	15.2	3.7	1.09	.88	1.14	1.01	D
758	0724	849.0	26.1	323	372	126	14.6	166.2	3.43	3.11	78.06	838.9	.190	1.12	1.13	16.2	18.1	.259	.270	323	15.3	3.7	1.07	.88	1.14	1.01	D
759	0726	850.0	23.2	330	413	137	14.5	165.5	3.43	3.18	78.70	839.6	.200	1.12	1.13	16.3	18.1	.259	.269	325	15.3	3.7	1.12	.88	1.14	1.01	D
760	0728	851.0	25.9	336	375	140	14.7	166.9	3.42	3.07	79.49	840.5	.200	1.12	1.13	16.3	18.1	.260	.270	326	15.4	3.7	1.10	.88	1.14	1.01	D
761	0748	852.0	25.3	302	375	136	14.4	166.2	3.41	2.92	83.47	841.5	.140	1.12	1.14	16.6	18.3	.259	.270	327	15.5	3.8	1.09	.88	1.14	1.01	D
762	0750	853.1	31.8	306	338	141	14.2	165.5	3.41	3.00	84.10	841.7	.160	1.13	1.14	16.6	18.3	.260	.272	328	15.5	3.8	1.04	.88	1.14	1.01	D
763	0752	854.0	26.1	300	328	141	13.7	165.5	3.41	2.95	85.06	842.4	.170	1.13	1.14	16.6	18.3	.261	.267	329	15.5	3.8	1.03	.88	1.14	1.01	D
764	0754	855.1	32.4	295	345	141	13.8	165.5	3.41	2.92	86.01	843.3	.180	1.13	1.14	16.6	18.4	.261	.263	329	15.6	3.8	1.03	.88	1.14	1.01	D
765	0755	856.0	29.6	314	361	141	14.3	165.5	3.41	2.87	86.81	844.1	.180	1.13	1.14	16.6	18.4	.261	.264	331	15.6	3.8	1.07	.88	1.14	1.01	D
766	0753	857.0	22.8	306	355	141	13.8	164.8	3.41	2.95	87.92	844.9	.180	1.13	1.14	16.6	18.3	.262	.289	331	15.7	3.8	1.11	.88	1.14	1.01	D
767	0800	858.1	30.4	301	341	142	14.0	164.8	3.41	2.87	88.71	845.7	.190	1.13	1.14	16.6	18.3	.261	.312	333	15.7	3.8	1.05	.88	1.14	1.01	D
768	0803	859.0	21.6	312	367	142	14.1	165.5	3.41	2.90	89.67	846.4	.170	1.13	1.14	16.6	18.3	.261	.332	334	15.7	3.8	1.13	.88	1.14	1.01	D
769	0805	860.0	23.8	287	332	141	13.1	164.8	3.41	2.86	90.30	847.3	.180	1.13	1.14	16.6	18.3	.261	.339	335	15.8	3.8	1.03	.88	1.14	1.01	D

STATOIL : 15/9-18

Data Printed at time 12:39 Date Feb 24 '84
Data Rec[illegible]d at time 08:24 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXMD	
770	0324	861.0	17.7	285	336	141	13.4	166.2	3.42	3.00	90.46	851.1	.160	1.13	1.14	16.7	18.7	.257	.283	336	15.9	3.8	1.16	.89	1.14	1.01	D
771	0327	862.0	25.5	301	334	137	14.2	166.2	3.43	3.08	90.46	851.1	.210	1.13	1.14	16.7	18.4	.258	.282	337	15.9	3.8	1.08	.89	1.15	1.01	D
772	0329	863.0	25.0	309	356	136	14.4	166.9	3.42	3.06	90.46	851.1	.220	1.13	1.14	16.8	18.3	.259	.282	338	16.0	3.9	1.08	.89	1.15	1.01	D
773	0332	864.0	23.0	306	345	136	14.2	166.9	3.43	3.04	90.78	851.1	.200	1.13	1.14	16.8	18.4	.259	.281	338	16.0	3.9	1.10	.89	1.15	1.01	D
774	0334	865.0	26.8	331	374	136	14.6	166.9	3.43	2.99	90.78	851.5	.210	1.13	1.14	16.9	18.5	.259	.280	340	16.0	3.9	1.07	.89	1.15	1.01	D
775	0335	866.1	63.5	321	381	135	13.7	166.2	3.43	3.00	90.78	852.0	.210	1.13	1.14	16.9	18.6	.259	.280	341	16.1	3.9	.85	.89	1.15	1.01	D
776	0335	867.0	96.0	341	398	136	15.4	166.2	3.43	2.97	90.78	852.3	.200	1.13	1.14	16.9	18.5	.259	.279	342	16.1	3.9	.78	.89	1.15	1.01	D
777	0336	868.0	95.4	328	379	136	15.1	166.9	3.44	2.97	90.62	852.6	.210	1.13	1.14	16.9	18.5	.259	.279	343	16.1	3.9	.78	.89	1.15	1.01	D
778	0337	869.0	72.8	213	330	128	13.1	167.5	3.43	2.97	90.62	853.0	.200	1.13	1.14	16.9	18.6	.259	.279	344	16.1	3.9	.79	.89	1.15	1.01	D
+ Totco survey at 869m.																											
780	1007	870.0	141	244	267	145	6.75	184.1	3.30	2.90	94.28	868.7	.040	1.14	1.14	17.4	19.5	.259	.271	344	16.3	3.9	.58	.89	1.14	1.01	D
781	1007	871.0	177	271	315	144	9.18	186.8	3.33	3.01	93.64	868.7	.060	1.14	1.14	17.4	19.5	.259	.271	346	16.3	3.9	.57	.89	1.15	1.01	D
782	1008	872.0	121	234	315	144	6.42	199.3	3.36	3.13	92.53	868.7	.070	1.14	1.14	17.4	19.5	.259	.271	347	16.3	3.9	.60	.89	1.15	1.01	D
783	1008	873.0	178	196	214	146	3.42	198.6	3.38	3.17	92.05	868.7	.070	1.14	1.14	17.4	19.5	.259	.271	348	16.3	3.9	.46	.89	1.15	1.01	D
784	1003	874.0	160	195	214	146	2.90	204.1	3.40	3.21	91.74	868.7	.070	1.16	1.14	17.4	19.5	.254	.293	349	16.3	3.9	.47	.89	1.15	1.01	D
785	1009	875.1	76.4	196	234	145	4.29	170.3	3.42	3.26	91.26	868.7	.070	1.16	1.14	17.4	19.5	.254	.293	350	16.4	3.9	.63	.89	1.15	1.01	D
786	1010	876.0	39.7	205	239	145	5.94	170.3	3.42	3.34	90.94	868.7	.080	1.16	1.14	17.4	19.5	.253	.307	351	16.4	3.9	.80	.89	1.15	1.01	D
787	1011	877.0	54.9	229	267	145	7.14	170.3	3.42	3.30	90.94	868.7	.090	1.15	1.14	17.4	19.5	.253	.299	352	16.4	3.9	.77	.89	1.16	1.01	D
788	1013	878.0	55.7	223	261	145	6.45	170.3	3.43	3.30	91.26	868.7	.100	1.15	1.14	17.4	19.5	.253	.298	353	16.4	3.9	.75	.89	1.16	1.01	D
789	1014	879.0	48.9	224	261	145	6.83	170.3	3.43	3.25	91.42	868.7	.090	1.15	1.14	17.3	19.5	.253	.293	353	16.4	3.9	.78	.89	1.16	1.01	D
790	1015	880.0	35.7	206	247	146	5.51	169.6	3.43	3.20	91.26	868.7	.090	1.15	1.14	17.3	19.5	.254	.300	355	16.5	3.9	.80	.89	1.16	1.01	D
791	1017	881.0	31.9	170	228	141	5.05	170.3	3.43	3.18	90.94	868.7	.080	1.15	1.14	17.3	19.5	.254	.309	356	16.5	3.9	.80	.89	1.16	1.01	D
792	1031	882.0	52.1	217	257	146	4.69	166.9	3.41	3.24	88.40	868.7	.060	1.14	1.14	17.1	19.6	.257	.281	357	16.6	3.9	.71	.89	1.16	1.01	D
793	1033	883.0	47.6	213	257	147	5.35	166.9	3.41	3.21	87.92	868.7	.080	1.13	1.14	17.2	19.4	.258	.278	358	16.6	3.9	.74	.89	1.17	1.01	D
794	1035	884.0	39.5	194	230	147	3.48	166.2	3.41	3.26	87.76	868.7	.080	1.13	1.14	17.2	19.5	.258	.276	359	16.6	3.9	.71	.89	1.17	1.01	D
795	1037	885.0	30.2	194	265	147	4.79	166.2	3.42	3.34	87.44	868.7	.080	1.13	1.14	17.2	19.4	.259	.276	360	16.7	3.9	.81	.89	1.17	1.01	D
796	1038	886.0	42.5	223	268	145	8.08	165.5	3.42	3.21	87.28	869.7	.080	1.14	1.14	17.2	19.4	.258	.276	361	16.7	3.9	.83	.89	1.17	1.01	D
797	1039	887.0	45.6	235	279	145	8.94	166.2	3.42	3.16	87.28	868.7	.080	1.14	1.14	17.2	19.4	.259	.276	362	16.7	3.9	.83	.89	1.17	1.01	D
798	1041	888.0	38.1	216	246	146	8.62	165.5	3.41	3.13	86.97	868.7	.080	1.13	1.14	17.2	19.3	.258	.276	363	16.7	4.0	.87	.89	1.17	1.01	D
799	1042	889.0	40.9	222	253	146	8.38	165.5	3.42	3.14	86.81	868.7	.090	1.13	1.14	17.3	19.3	.258	.276	364	16.8	4.0	.84	.89	1.17	1.01	D
800	1057	890.0	31.5	209	270	146	8.09	162.0	3.41	3.35	82.83	874.5	.170	1.13	1.14	17.4	18.8	.256	.288	364	16.9	4.0	.89	.89	1.17	1.01	D
801	1058	891.0	55.7	275	390	145	10.5	161.3	3.42	3.30	82.51	875.8	.190	1.13	1.14	17.4	19.2	.256	.285	366	16.9	4.0	.83	.90	1.17	1.01	D
802	1059	892.0	49.2	224	300	146	8.94	161.3	3.42	3.39	82.04	876.5	.200	1.13	1.14	17.4	19.4	.256	.285	367	16.9	4.0	.82	.90	1.17	1.01	D
803	1100	893.1	60.1	255	293	145	11.3	161.3	3.43	3.34	81.88	877.3	.200	1.14	1.14	17.4	19.5	.256	.282	368	16.9	4.0	.83	.90	1.17	1.01	D
804	1101	894.0	51.3	257	288	146	11.6	161.3	3.43	3.40	81.56	878.1	.210	1.13	1.14	17.4	19.4	.257	.277	369	16.9	4.0	.87	.90	1.17	1.01	D
805	1102	895.0	52.5	241	289	146	10.7	161.3	3.42	3.46	80.77	878.9	.200	1.13	1.14	17.5	19.4	.257	.277	369	16.9	4.0	.85	.90	1.17	1.01	D
806	1103	896.0	53.2	251	291	146	10.8	162.0	3.42	3.42	80.13	879.5	.170	1.13	1.14	17.5	19.4	.256	.274	371	17.0	4.0	.84	.90	1.17	1.01	D
807	1104	897.1	50.9	253	305	146	11.1	162.0	3.41	3.43	79.49	880.1	.170	1.13	1.14	17.5	19.4	.256	.274	372	17.0	4.0	.86	.90	1.17	1.01	D
808	1106	898.0	42.2	237	282	146	9.84	162.0	3.43	3.41	78.70	880.7	.150	1.14	1.14	17.5	19.4	.256	.273	373	17.0	4.0	.87	.90	1.17	1.01	D
809	1107	899.0	41.5	208	272	147	8.71	162.0	3.42	3.38	78.06	880.8	.120	1.14	1.14	17.5	19.5	.256	.273	374	17.0	4.0	.85	.90	1.17	1.01	D
810	1125	900.1	35.8	206	242	142	8.47	163.4	3.44	3.19	70.43	884.5	.170	1.12	1.14	17.7	19.9	.255	.281	375	17.1	4.0	.88	.90	1.16	1.01	D
811	1126	901.0	46.4	228	260	142	9.42	162.7	3.45	3.25	69.95	885.1	.160	1.12	1.14	17.7	19.8	.256	.278	376	17.2	4.0	.85	.90	1.16	1.01	D
812	1127	902.0	51.6	231	267	142	10.1	162.7	3.44	3.17	69.64	885.9	.140	1.12	1.14	17.7	20.0	.255	.277	377	17.2	4.0	.84	.90	1.16	1.01	D
813	1129	903.0	43.4	220	268	142	9.13	162.7	3.46	3.11	69.48	886.7	.120	1.12	1.14	17.8	19.9	.255	.277	378	17.2	4.0	.85	.90	1.16	1.01	D
814	1130	904.0	58.5	223	266	142	8.51	162.7	3.45	3.02	69.32	887.4	.120	1.13	1.14	17.8	19.9	.256	.275	379	17.2	4.0	.78	.90	1.16	1.01	D
815	1131	905.0	45.6	253	296	141	10.4	162.7	3.45	3.16	68.84	888.2	.100	1.12	1.14	17.8	19.8	.256	.273	380	17.2	4.0	.87	.90	1.16	1.01	D
816	1132	906.0	51.3	234	277	142	10.4	163.4	3.45	3.19	68.68	888.7	.090	1.12	1.14	17.8	19.9	.256	.271	381	17.3	4.0	.84	.90	1.16	1.01	D
817	1134	907.0	35.7	221	261	142	10.0	163.4	3.45	3.25	68.21	888.7	.060	1.12	1.14	17.9	19.8	.256	.270	382	17.3	4.0	.91	.90	1.16	1.01	D
818	1135	908.0	37.5	225	261	142	9.89	162.7	3.45	3.19	67.89	888.7	.060	1.13	1.14	17.9	19.8	.256	.270	383	17.3	4.1	.90	.90	1.16	1.01	D
819	1147	909.0	29.2	229	301	141	8.63	159.3	3.39	3.31	67.57	889.9	.110	1.13	1.15	18.0	19.5	.254	.276	384	17.4	4.1	.92	.90	1.16	1.01	D

STATOIL : 15/9-18

Data Printed at time 12:45 Date Feb 24 '84
Data Rec[illegible] at time 11:43 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MXB	ECD	MXD	
820	1148	910.0	40.8	232	271	144	8.38	159.3	3.41	3.43	66.77	891.1	.140	1.13	1.15	18.0	19.1	.254	.280	385	17.4	4.1	.85	.90	1.16	1.01	D
821	1149	911.0	60.7	233	269	145	8.36	160.6	3.42	3.47	66.30	892.1	.150	1.13	1.15	18.0	19.5	.254	.280	386	17.4	4.1	.77	.90	1.16	1.01	D
822	1151	912.0	33.6	243	280	145	8.97	160.0	3.42	3.40	65.82	893.6	.160	1.13	1.15	18.0	19.9	.254	.278	387	17.5	4.1	.91	.90	1.16	1.01	D
823	1152	913.0	51.0	236	279	144	8.70	160.6	3.43	3.29	65.50	894.7	.160	1.13	1.15	18.1	19.6	.255	.276	388	17.5	4.1	.82	.90	1.16	1.01	D
824	1153	914.0	45.0	249	286	144	9.38	160.6	3.43	3.30	65.34	895.8	.150	1.13	1.15	18.1	19.6	.255	.273	389	17.5	4.1	.86	.90	1.16	1.01	D
825	1154	915.0	70.9	244	292	144	8.72	160.6	3.43	3.30	65.18	896.5	.150	1.13	1.15	18.1	19.6	.255	.273	390	17.5	4.1	.75	.90	1.16	1.01	D
826	1155	916.0	62.5	243	299	144	8.50	160.6	3.43	3.26	64.87	897.2	.140	1.13	1.15	18.1	19.7	.254	.269	391	17.5	4.1	.77	.90	1.16	1.01	D
827	1156	917.0	49.6	248	291	145	9.31	161.3	3.43	3.30	64.55	898.1	.110	1.13	1.15	18.1	20.0	.254	.269	391	17.6	4.1	.84	.90	1.16	1.01	D
828	1204	918.0	36.1	213	281	142	8.71	163.4	3.41	2.95	65.18	898.4	.060	1.13	1.15	18.1	20.0	.255	.268	393	17.6	4.1	.88	.90	1.15	1.01	D
829	1205	919.0	53.5	233	277	144	8.80	161.3	3.41	3.04	64.23	898.4	.060	1.14	1.15	18.1	20.0	.254	.267	393	17.6	4.1	.81	.90	1.16	1.01	D
830	1206	920.0	54.1	245	273	144	9.78	162.0	3.41	3.08	63.59	898.4	.060	1.14	1.15	18.1	20.0	.254	.267	395	17.6	4.1	.83	.90	1.16	1.01	D
831	1207	921.0	57.8	249	277	145	9.90	162.0	3.41	3.14	63.59	898.4	.060	1.13	1.15	18.1	20.0	.255	.268	396	17.6	4.1	.81	.90	1.16	1.01	D
832	1208	922.0	44.7	225	280	145	8.89	162.0	3.41	3.14	63.28	898.4	.060	1.13	1.15	18.1	20.0	.255	.268	397	17.7	4.1	.85	.90	1.16	1.01	D
833	1209	923.0	51.8	243	293	145	9.46	162.0	3.41	3.09	63.12	898.4	.060	1.13	1.15	18.1	20.0	.256	.267	397	17.7	4.1	.83	.90	1.16	1.01	D
834	1210	924.0	49.3	246	275	145	10.0	162.0	3.41	3.20	62.96	898.4	.060	1.13	1.15	18.2	20.1	.256	.267	399	17.7	4.1	.85	.91	1.16	1.01	D
835	1212	925.0	50.3	228	280	145	9.72	162.0	3.41	3.24	62.80	898.5	.080	1.13	1.15	18.2	20.1	.256	.267	399	17.7	4.1	.84	.91	1.16	1.01	D
836	1213	926.1	50.8	235	272	144	9.69	162.7	3.41	3.24	62.48	899.0	.090	1.13	1.15	18.2	20.1	.255	.267	400	17.7	4.1	.83	.91	1.16	1.01	D
837	1214	927.0	57.8	218	283	145	8.05	162.7	3.42	3.28	62.48	899.7	.110	1.13	1.15	18.2	20.1	.255	.267	402	17.8	4.1	.77	.91	1.16	1.01	D
838	1222	928.0	34.8	154	273	134	8.49	164.1	3.41	3.23	61.37	903.9	.210	1.13	1.15	18.2	20.1	.256	.268	403	17.8	4.1	.87	.91	1.16	1.01	D
839	1223	929.1	46.2	253	290	144	10.6	163.4	3.42	3.27	61.05	905.0	.200	1.13	1.15	18.2	20.1	.256	.268	403	17.8	4.1	.87	.91	1.16	1.01	D
840	1224	930.1	54.0	241	284	144	9.87	163.4	3.42	3.23	60.89	905.7	.190	1.13	1.15	18.2	20.1	.256	.267	405	17.8	4.1	.82	.91	1.16	1.01	D
841	1226	931.0	54.0	239	280	145	9.86	163.4	3.41	3.18	60.73	906.3	.180	1.14	1.15	18.2	20.1	.256	.264	405	17.9	4.1	.83	.91	1.16	1.01	D
842	1227	932.0	59.5	234	277	145	9.86	163.4	3.41	3.16	60.57	906.9	.160	1.14	1.15	18.2	20.1	.256	.264	407	17.9	4.1	.81	.91	1.16	1.01	D
843	1228	933.0	47.1	241	284	144	10.2	163.4	3.42	3.17	60.42	907.5	.140	1.13	1.15	18.2	20.1	.257	.263	407	17.9	4.2	.86	.91	1.16	1.01	D
844	1229	934.1	53.2	251	302	144	10.2	163.4	3.42	3.19	60.10	907.7	.130	1.14	1.15	18.2	20.1	.256	.263	409	17.9	4.2	.83	.91	1.16	1.01	D
845	1230	935.0	51.6	235	287	145	10.4	163.4	3.41	3.33	59.94	907.7	.120	1.14	1.15	18.2	20.1	.256	.263	410	17.9	4.2	.84	.91	1.16	1.01	D
846	1231	936.0	46.0	238	279	144	10.7	164.1	3.42	3.34	59.62	907.7	.130	1.13	1.15	18.2	20.1	.256	.265	411	17.9	4.2	.87	.91	1.17	1.01	D
847	1232	937.0	51.8	223	273	144	10.2	164.1	3.42	3.38	59.46	907.8	.140	1.14	1.15	18.2	20.1	.256	.273	411	18.0	4.2	.84	.91	1.17	1.01	D
848	1241	938.0	69.5	265	319	146	10.3	164.8	3.40	3.17	64.07	910.6	.200	1.14	1.15	18.4	20.1	.252	.327	412	18.0	4.2	.78	.91	1.17	1.01	D
849	1242	939.1	53.9	249	286	147	9.87	164.8	3.40	3.22	62.16	911.4	.230	1.14	1.15	18.4	20.0	.252	.327	413	18.0	4.2	.83	.91	1.17	1.01	D
850	1243	940.0	44.9	256	335	146	9.52	166.9	3.41	3.32	59.78	912.2	.250	1.14	1.15	18.3	20.0	.252	.336	415	18.0	4.2	.85	.91	1.17	1.01	D
851	1244	941.0	40.5	256	289	147	10.3	166.2	3.41	3.26	59.14	913.5	.260	1.13	1.15	18.3	20.0	.253	.343	416	18.1	4.2	.89	.91	1.17	1.01	D
852	1245	942.0	56.6	253	309	147	9.57	166.2	3.42	3.39	58.98	914.6	.240	1.13	1.15	18.3	20.0	.253	.343	417	18.1	4.2	.81	.91	1.17	1.01	D
853	1247	943.0	49.5	267	334	146	10.3	165.5	3.41	3.33	58.83	915.6	.220	1.13	1.15	18.3	20.0	.255	.354	418	18.1	4.2	.85	.91	1.17	1.01	D
854	1248	944.0	60.8	328	409	145	9.50	165.5	3.42	3.36	58.67	916.4	.210	1.13	1.15	18.3	20.0	.255	.362	419	18.1	4.2	.79	.91	1.17	1.01	D
855	1249	945.0	58.3	278	364	147	9.57	165.5	3.42	3.47	58.67	916.8	.190	1.13	1.15	18.4	20.0	.255	.362	420	18.1	4.2	.80	.91	1.17	1.01	D
856	1249	946.0	105	222	331	147	7.86	165.5	3.42	3.44	58.51	917.1	.180	1.14	1.15	18.4	20.0	.256	.363	420	18.1	4.2	.65	.91	1.17	1.01	D
857	1300	947.0	25.1	241	296	144	9.93	164.1	3.41	3.34	59.94	921.2	.160	1.13	1.15	18.2	21.2	.255	.278	422	18.2	4.2	.98	.91	1.17	1.01	D
858	1301	948.0	89.1	266	308	146	9.76	164.1	3.41	3.39	59.94	921.8	.160	1.13	1.15	18.2	21.0	.255	.278	422	18.2	4.2	.71	.91	1.17	1.01	D
859	1302	949.1	65.5	241	289	145	9.23	164.8	3.42	3.33	59.78	922.7	.150	1.14	1.15	18.2	20.7	.255	.278	423	18.2	4.2	.77	.91	1.17	1.01	D
860	1303	950.0	47.3	256	343	146	10.0	164.8	3.42	3.29	59.94	923.5	.170	1.14	1.15	18.3	20.6	.255	.278	425	18.3	4.2	.85	.91	1.17	1.01	D
861	1304	951.0	44.5	264	318	146	10.6	164.8	3.43	3.27	59.94	924.6	.160	1.14	1.15	18.3	20.7	.255	.275	426	18.3	4.2	.80	.91	1.17	1.01	D
862	1306	952.1	49.5	259	332	146	9.98	164.8	3.42	3.18	60.10	925.6	.170	1.14	1.15	18.3	20.8	.255	.275	427	18.3	4.2	.84	.91	1.17	1.01	D
863	1307	953.0	51.6	284	357	145	9.75	164.8	3.41	3.18	60.10	926.3	.160	1.14	1.15	18.3	20.9	.255	.273	428	18.3	4.2	.83	.91	1.17	1.01	D
864	1307	954.0	71.4	291	417	142	9.11	164.8	3.42	3.15	60.10	926.8	.150	1.14	1.15	18.3	20.9	.255	.273	429	18.3	4.2	.72	.91	1.17	1.01	D
865	1309	955.0	47.3	207	248	147	7.22	164.8	3.42	3.18	60.26	926.9	.160	1.13	1.15	18.4	20.8	.255	.272	430	18.4	4.2	.79	.91	1.17	1.01	D
866	1310	956.0	55.8	217	251	146	7.72	165.5	3.43	3.17	60.42	926.9	.160	1.14	1.15	18.4	20.8	.256	.273	431	18.4	4.2	.77	.91	1.17	1.01	D
867	1320	957.0	49.4	200	293	140	8.76	163.4	3.38	3.12	62.16	931.0	.130	1.14	1.15	18.5	20.7	.256	.276	431	18.4	4.2	.81	.91	1.17	1.01	D
868	1321	958.0	44.6	242	274	143	9.76	164.8	3.40	3.18	61.05	932.1	.160	1.14	1.15	18.5	21.1	.254	.278	433	18.4	4.2	.85	.91	1.17	1.01	D
869	1322	959.0	51.7	272	357	143	9.69	164.8	3.41	3.10	60.89	933.1	.140	1.13	1.15	18.5	20.9	.254	.280	434	18.5	4.3	.82	.91	1.17	1.01	D

STATOIL : 15/9-18

Data Printed at time 12:51 Date Feb 24 '84
Data Received at time 13:23 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXMD	
870	1323	960.0	54.9	249	295	142	10.4	164.8	3.41	3.11	60.89	934.0	.140	1.13	1.15	18.5	21.0	.254	.280	435	18.5	4.3	.82	.91	1.17	1.01	D
871	1324	961.0	52.2	251	285	144	10.7	164.8	3.41	3.09	60.73	934.9	.130	1.14	1.15	18.5	20.9	.254	.277	436	18.5	4.3	.84	.91	1.17	1.01	D
872	1325	962.0	43.9	234	285	144	9.69	164.8	3.41	3.17	60.89	935.9	.130	1.13	1.15	18.5	20.9	.254	.274	437	18.5	4.3	.86	.91	1.17	1.01	D
873	1327	963.0	46.4	226	273	144	9.34	164.8	3.41	3.14	61.05	936.4	.120	1.14	1.15	18.5	21.0	.254	.272	438	18.5	4.3	.84	.91	1.17	1.01	D
874	1328	964.0	51.7	231	276	144	10.1	165.5	3.41	3.18	61.21	936.4	.120	1.14	1.15	18.5	21.0	.254	.272	439	18.6	4.3	.83	.91	1.17	1.01	D
875	1329	965.0	47.8	231	284	144	9.77	165.5	3.41	3.21	61.37	936.4	.110	1.14	1.15	18.5	20.9	.254	.273	439	18.6	4.3	.84	.91	1.17	1.01	D
876	1421	966.3	50.3	203	260	145	8.32	166.9	3.37	3.01	66.77	947.8	.140	1.14	1.17	18.4	20.6	.252	.273	440	18.8	4.3	.81	.91	1.16	1.01	D
877	1421	967.0	44.0	254	308	147	8.42	167.5	3.39	3.11	67.09	948.0	.200	1.13	1.17	18.4	20.6	.248	.272	442	18.8	4.3	.83	.91	1.16	1.01	D
878	1425	968.0	17.0	263	318	147	11.0	165.5	3.43	3.42	61.05	951.1	.270	1.13	1.17	18.4	19.6	.249	.277	443	18.9	4.3	1.10	.91	1.16	1.01	D
879	1426	969.0	48.6	275	362	147	10.2	165.5	3.43	3.34	60.73	952.1	.220	1.13	1.17	18.5	18.5	.249	.277	443	18.9	4.3	.86	.91	1.16	1.01	D
880	1427	970.0	53.2	240	319	147	7.60	166.2	3.43	3.25	61.53	953.1	.200	1.13	1.17	18.5	17.7	.248	.265	445	18.9	4.3	.78	.92	1.16	1.01	D
881	1428	971.0	58.3	212	260	149	6.68	170.3	3.43	3.23	62.48	954.1	.180	1.13	1.17	18.5	18.4	.248	.265	445	18.9	4.3	.75	.92	1.16	1.01	D
882	1429	972.0	45.2	227	265	148	8.95	166.9	3.44	3.24	62.80	955.1	.160	1.13	1.17	18.5	17.9	.248	.257	447	19.0	4.3	.85	.92	1.16	1.01	D
883	1430	973.0	62.4	216	270	149	8.14	166.9	3.44	3.24	63.28	955.8	.160	1.13	1.17	18.4	18.6	.248	.257	447	19.0	4.3	.76	.92	1.16	1.01	D
884	1431	974.0	47.7	222	266	148	8.19	166.2	3.43	3.35	63.44	955.9	.160	1.13	1.17	18.3	18.3	.249	.257	448	19.0	4.3	.82	.92	1.16	1.01	D
885	1433	975.0	44.5	238	313	148	9.26	166.2	3.43	3.27	63.91	955.9	.130	1.14	1.17	18.3	19.7	.252	.260	450	19.0	4.3	.86	.92	1.16	1.01	D
886	1440	976.0	61.2	175	313	143	9.04	160.6	3.35	3.16	64.87	957.6	.100	1.14	1.17	18.0	19.4	.253	.264	451	19.1	4.3	.78	.92	1.16	1.01	D
888	1441	977.1	63.3	250	302	144	10.5	160.6	3.37	3.20	65.03	958.4	.110	1.13	1.17	18.0	19.5	.253	.270	452	19.1	4.3	.80	.92	1.16	1.01	D
889	1443	978.0	43.3	334	417	142	9.76	165.5	3.41	3.27	65.03	959.6	.100	1.13	1.17	18.0	19.6	.253	.270	453	19.1	4.3	.87	.92	1.16	1.01	D
890	1444	979.0	45.4	275	370	144	9.01	165.5	3.42	3.26	65.18	960.6	.110	1.14	1.17	18.0	19.9	.253	.271	454	19.1	4.3	.84	.92	1.16	1.01	D
891	1445	980.0	47.5	232	280	145	10.2	165.5	3.43	3.26	65.18	961.5	.100	1.14	1.17	18.0	20.0	.254	.269	455	19.1	4.3	.86	.92	1.16	1.01	D
892	1446	981.0	45.2	232	279	145	10.3	164.8	3.42	3.31	65.34	962.5	.090	1.14	1.17	18.0	20.4	.254	.269	455	19.2	4.3	.87	.92	1.16	1.01	D
893	1448	982.0	41.7	229	277	145	9.60	164.8	3.42	3.23	65.50	963.6	.090	1.13	1.17	18.1	20.4	.254	.268	457	19.2	4.3	.88	.92	1.16	1.01	D
894	1449	983.1	69.1	232	298	145	9.35	164.8	3.43	3.22	65.50	964.3	.080	1.13	1.17	18.1	20.4	.254	.268	458	19.2	4.3	.76	.92	1.16	1.01	D
895	1449	984.0	69.3	229	264	145	9.85	165.5	3.42	3.12	65.50	964.6	.080	1.13	1.17	18.1	20.7	.253	.267	459	19.2	4.3	.77	.92	1.16	1.01	D
896	1450	985.0	66.8	203	255	145	8.49	165.5	3.42	3.13	65.50	964.8	.070	1.13	1.17	18.1	20.5	.253	.267	459	19.2	4.4	.75	.92	1.16	1.01	D
897	1506	936.0	50.5	205	403	116	7.75	164.8	3.39	3.16	67.89	965.3	.050	1.13	1.17	18.1	20.9	.250	.259	460	19.3	4.4	.75	.92	1.16	1.01	D
898	1506	987.1	67.8	274	409	135	9.25	164.1	3.40	3.11	67.41	965.3	.050	1.13	1.17	18.1	20.8	.250	.265	462	19.3	4.4	.75	.92	1.16	1.01	D
899	1507	988.0	61.5	277	329	145	11.1	164.1	3.40	3.05	67.25	965.3	.050	1.13	1.17	18.1	20.9	.250	.265	463	19.3	4.4	.82	.92	1.16	1.01	D
900	1508	989.0	56.6	252	291	146	11.6	163.4	3.40	3.16	67.09	965.3	.040	1.13	1.17	18.2	20.9	.250	.263	463	19.3	4.4	.85	.92	1.17	1.01	D
901	1510	990.0	49.5	247	311	145	10.7	163.4	3.40	3.08	67.09	965.3	.050	1.13	1.17	18.2	20.9	.252	.260	465	19.3	4.4	.86	.92	1.17	1.01	D
902	1510	991.0	65.0	246	303	147	10.3	162.7	3.40	3.03	67.25	965.3	.060	1.13	1.17	18.2	20.9	.252	.260	466	19.3	4.4	.79	.92	1.17	1.01	D
903	1512	992.0	50.7	234	282	145	8.74	164.1	3.41	3.07	67.41	965.3	.050	1.13	1.17	18.2	20.9	.252	.257	467	19.4	4.4	.81	.92	1.17	1.01	D
904	1513	993.0	52.6	236	307	146	8.43	164.1	3.41	3.11	67.41	965.3	.050	1.13	1.17	18.3	21.0	.252	.257	467	19.4	4.4	.80	.92	1.17	1.01	D
905	1514	994.1	61.1	233	376	146	7.50	164.1	3.41	3.15	67.25	965.3	.050	1.13	1.17	18.3	20.8	.252	.258	469	19.4	4.4	.75	.92	1.17	1.01	D
906	1514	995.0	114	263	410	145	5.12	164.1	3.41	3.12	67.25	965.3	.050	1.13	1.17	18.3	20.8	.252	.258	469	19.4	4.4	.57	.92	1.17	1.01	D
907	1523	996.1	93.7	187	406	139	4.59	160.6	3.39	3.13	69.16	967.3	.100	1.12	1.17	18.3	20.8	.250	.259	470	19.4	4.4	.58	.92	1.17	1.01	D
908	1524	997.0	77.3	221	264	145	9.84	160.6	3.40	3.19	68.68	967.8	.100	1.12	1.17	18.3	20.9	.249	.262	472	19.5	4.4	.74	.92	1.17	1.01	D
909	1524	998.1	113	224	273	145	9.55	160.6	3.40	3.18	68.36	968.3	.110	1.12	1.17	18.3	20.8	.249	.262	472	19.5	4.4	.66	.92	1.17	1.01	D
910	1527	999.0	21.0	238	339	145	8.62	160.0	3.40	3.25	68.21	970.3	.100	1.14	1.17	18.4	20.8	.249	.262	474	19.5	4.4	.99	.92	1.17	1.02	D
911	1530	1000.0	20.5	239	298	144	9.46	161.3	3.41	3.21	68.36	973.0	.070	1.13	1.17	18.4	20.8	.249	.261	475	19.6	4.4	1.01	.92	1.17	1.02	D
912	1531	1001.0	47.7	245	308	144	9.21	161.3	3.41	3.11	68.52	974.0	.070	1.13	1.17	18.5	20.9	.249	.261	476	19.6	4.4	.83	.92	1.17	1.02	D
913	1532	1002.0	52.5	222	252	145	8.43	161.3	3.42	3.02	68.52	974.5	.070	1.13	1.17	18.5	20.9	.249	.260	477	19.6	4.4	.80	.92	1.17	1.02	D
914	1533	1003.0	56.7	209	272	145	9.10	161.3	3.41	3.07	68.52	974.9	.070	1.13	1.17	18.5	20.9	.249	.260	478	19.6	4.4	.79	.92	1.17	1.02	D
915	1534	1004.0	46.4	195	300	145	7.78	161.3	3.42	3.12	68.52	974.9	.080	1.14	1.17	18.6	21.0	.247	.260	478	19.6	4.4	.81	.92	1.17	1.02	D
916	1544	1005.0	39.2	193	259	145	8.92	163.4	3.40	2.95	70.59	978.9	.150	1.13	1.17	18.5	21.4	.245	.265	479	19.7	4.4	.87	.92	1.16	1.02	D
917	1545	1006.1	62.3	239	358	146	10.0	163.4	3.41	3.07	69.95	979.8	.160	1.13	1.17	18.6	21.2	.242	.267	480	19.7	4.4	.80	.92	1.16	1.02	D
918	1546	1007.0	45.5	228	299	145	9.80	163.4	3.41	3.00	69.95	980.5	.150	1.13	1.17	18.6	21.1	.242	.267	482	19.7	4.4	.86	.92	1.16	1.02	D
919	1547	1008.0	51.1	203	245	146	8.84	163.4	3.41	2.93	69.95	981.7	.150	1.13	1.17	18.6	21.1	.242	.269	483	19.7	4.4	.81	.92	1.17	1.02	D
920	1549	1009.0	41.7	252	414	145	8.21	163.4	3.42	2.93	70.11	983.0	.120	1.13	1.17	18.6	21.1	.243	.267	484	19.8	4.4	.84	.92	1.16	1.02	D

STATOIL : 15/9-18

Data Printed at time 12:57 Date Feb 24 '84
Data Recorded at time 15:50 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
921	1550	1010.0	53.7	281	388	144	8.38	163.4	3.41	2.93	70.11	984.1	.110	1.13	1.17	18.6	21.1	.243	.267	485	19.8	4.4	.79	.92	1.16	1.02	D
922	1551	1011.0	50.0	212	337	145	6.81	163.4	3.42	2.87	70.27	984.8	.110	1.13	1.17	18.6	21.2	.242	.265	486	19.8	4.4	.77	.92	1.16	1.02	D
923	1552	1012.0	68.4	266	403	144	6.20	164.1	3.41	2.99	70.11	984.8	.090	1.13	1.17	18.7	21.2	.242	.265	486	19.8	4.4	.69	.92	1.17	1.02	D
924	1553	1013.1	58.6	188	404	146	5.58	164.1	3.41	2.92	70.11	984.8	.080	1.13	1.17	18.7	21.2	.242	.263	487	19.8	4.4	.71	.92	1.17	1.02	D
925	1553	1014.0	84.4	182	238	146	6.93	163.4	3.41	2.94	70.11	984.8	.080	1.13	1.17	18.7	21.1	.242	.263	489	19.8	4.5	.67	.92	1.17	1.02	D
926	1604	1015.0	52.9	145	223	125	5.88	162.7	3.40	2.97	72.02	988.9	.090	1.13	1.17	18.7	21.2	.242	.263	489	19.9	4.5	.71	.92	1.16	1.02	D
927	1605	1016.0	54.0	206	262	126	6.72	162.7	3.41	2.89	71.70	989.8	.090	1.13	1.17	18.7	21.2	.240	.266	491	19.9	4.5	.73	.92	1.16	1.02	D
928	1606	1017.0	66.1	220	379	126	6.49	162.7	3.42	2.97	71.70	990.6	.080	1.13	1.17	18.7	21.2	.240	.266	492	19.9	4.5	.68	.92	1.16	1.02	D
929	1607	1018.1	68.9	212	415	125	4.36	163.4	3.41	3.01	71.70	991.3	.090	1.13	1.17	18.7	21.1	.241	.266	493	19.9	4.5	.62	.92	1.16	1.02	D
930	1610	1019.1	60.8	208	420	124	3.69	162.7	3.44	2.97	71.70	993.3	.080	1.13	1.17	18.7	21.5	.242	.263	494	20.0	4.5	.62	.92	1.16	1.02	D
931	1614	1020.0	17.5	168	421	128	3.25	162.7	3.42	2.88	71.86	994.6	.100	1.13	1.17	18.8	21.3	.242	.261	495	20.0	4.5	.82	.92	1.16	1.02	D
932	1615	1021.1	71.6	184	350	127	4.62	162.7	3.43	2.86	71.86	995.2	.130	1.13	1.17	18.8	21.2	.242	.261	495	20.0	4.5	.62	.92	1.16	1.02	D
933	1616	1022.0	49.0	167	221	129	4.02	163.4	3.43	2.91	71.86	996.0	.150	1.13	1.17	18.8	21.2	.243	.261	496	20.0	4.5	.67	.92	1.16	1.02	D
934	1617	1023.0	63.9	195	258	127	6.73	163.4	3.43	2.86	72.02	997.1	.180	1.13	1.17	18.8	21.2	.243	.261	498	20.1	4.5	.70	.92	1.16	1.02	D
935	1618	1024.0	41.0	145	224	122	5.35	163.4	3.43	2.88	72.02	998.1	.180	1.13	1.17	18.8	21.2	.243	.260	499	20.1	4.5	.74	.92	1.16	1.02	D
936	1628	1025.0	76.1	226	333	127	6.88	163.4	3.41	2.82	73.93	1001.4	.120	1.13	1.17	18.9	21.1	.243	.257	499	20.1	4.5	.67	.92	1.16	1.02	D
937	1629	1026.0	42.8	215	420	116	4.52	163.4	3.42	2.85	73.61	1002.6	.110	1.13	1.17	18.9	21.1	.243	.259	501	20.2	4.5	.70	.93	1.16	1.02	D
938	1630	1027.0	43.1	182	370	128	3.26	164.1	3.43	2.86	73.61	1003.5	.100	1.13	1.17	18.9	21.1	.243	.259	502	20.2	4.5	.67	.93	1.16	1.02	D
939	1631	1028.0	58.7	156	218	128	3.69	164.1	3.43	2.85	73.45	1003.7	.100	1.13	1.17	18.9	21.2	.243	.258	502	20.2	4.5	.63	.93	1.16	1.02	D
940	1632	1029.0	61.7	166	206	128	4.40	164.1	3.43	2.85	73.45	1003.8	.100	1.13	1.17	18.9	21.2	.243	.255	504	20.2	4.5	.65	.93	1.16	1.02	D
941	1633	1030.0	62.8	155	210	128	3.91	164.1	3.43	2.91	73.45	1003.8	.090	1.13	1.17	18.9	21.2	.243	.255	505	20.2	4.5	.63	.93	1.16	1.02	D
942	1634	1031.0	51.6	166	227	128	3.95	164.1	3.43	2.83	73.45	1003.8	.090	1.13	1.17	18.9	21.2	.242	.256	506	20.3	4.5	.66	.93	1.16	1.02	D
943	1635	1032.0	55.0	170	238	127	4.64	163.4	3.42	2.85	73.45	1003.8	.090	1.13	1.17	18.9	21.2	.242	.256	507	20.3	4.5	.67	.93	1.17	1.02	D
944	1637	1033.0	39.5	176	229	128	5.51	163.4	3.43	2.88	73.61	1005.0	.110	1.13	1.17	19.0	21.2	.242	.256	508	20.3	4.5	.76	.93	1.17	1.02	D
945	1647	1034.0	40.0	162	238	126	5.59	162.0	3.40	2.98	75.52	1010.6	.110	1.13	1.17	19.0	21.3	.240	.251	509	20.4	4.5	.76	.93	1.16	1.02	D
946	1648	1035.0	65.9	185	240	128	6.20	162.0	3.41	2.94	74.72	1011.6	.110	1.13	1.17	19.0	21.3	.238	.251	510	20.4	4.5	.68	.93	1.16	1.02	D
947	1649	1036.1	67.9	229	412	127	5.79	162.0	3.41	2.91	74.41	1012.7	.110	1.13	1.17	19.0	21.3	.238	.251	510	20.4	4.5	.66	.93	1.16	1.02	D
948	1650	1037.1	45.1	170	239	129	4.55	161.3	3.42	2.92	74.41	1013.6	.100	1.13	1.17	19.0	21.3	.239	.251	512	20.4	4.5	.71	.93	1.16	1.02	D
949	1651	1038.0	52.3	175	278	129	4.73	161.3	3.42	2.92	74.25	1013.7	.100	1.13	1.17	19.0	21.3	.239	.251	513	20.4	4.5	.69	.93	1.16	1.02	D
950	1653	1039.1	46.4	190	227	129	5.77	161.3	3.42	3.06	74.09	1013.8	.090	1.13	1.17	19.1	21.3	.238	.248	514	20.5	4.5	.74	.93	1.16	1.02	D
951	1653	1040.0	64.6	176	222	129	5.11	161.3	3.43	3.01	74.09	1013.8	.080	1.13	1.17	19.1	21.3	.238	.248	515	20.5	4.5	.66	.93	1.16	1.02	D
952	1654	1041.0	58.8	183	227	129	5.47	161.3	3.42	3.10	74.09	1013.8	.080	1.13	1.17	19.1	21.3	.238	.248	516	20.5	4.5	.68	.93	1.17	1.02	D
953	1656	1042.0	48.8	181	234	128	6.26	162.0	3.44	3.15	73.93	1013.8	.090	1.13	1.17	19.1	21.3	.238	.248	516	20.5	4.5	.74	.93	1.17	1.02	D
954	1657	1043.0	49.9	141	245	129	5.80	162.0	3.43	3.17	73.93	1014.5	.090	1.12	1.17	19.1	21.3	.238	.248	518	20.5	4.5	.72	.93	1.17	1.02	D
955	1706	1044.0	58.2	161	228	124	6.24	160.6	3.41	2.76	75.20	1018.4	.080	1.13	1.17	19.1	21.3	.237	.246	519	20.6	4.5	.70	.93	1.16	1.02	D
956	1707	1045.1	54.8	183	299	129	5.73	160.6	3.41	2.70	74.88	1018.6	.080	1.13	1.17	19.1	21.3	.237	.248	520	20.6	4.5	.70	.93	1.16	1.02	D
957	1709	1046.0	35.3	199	386	129	5.72	161.3	3.42	2.81	74.88	1018.9	.070	1.13	1.17	19.2	21.3	.237	.248	521	20.6	4.5	.79	.93	1.16	1.02	D
958	1713	1047.0	13.7	204	254	129	7.87	162.0	3.42	2.81	74.57	1022.8	.060	1.13	1.17	19.2	21.3	.236	.250	522	20.7	4.5	1.03	.93	1.16	1.02	D
959	1715	1048.0	33.3	189	278	129	6.59	162.0	3.42	2.74	74.57	1023.2	.060	1.13	1.17	19.2	21.3	.236	.252	523	20.7	4.6	.82	.93	1.16	1.02	D
960	1716	1049.0	66.1	182	240	129	5.74	162.0	3.42	2.75	74.41	1023.4	.050	1.13	1.17	19.2	21.3	.236	.255	524	20.7	4.6	.67	.93	1.16	1.02	D
961	1717	1050.1	39.7	192	236	130	6.78	162.0	3.42	2.82	74.41	1023.4	.050	1.13	1.17	19.3	21.3	.236	.255	524	20.8	4.6	.79	.93	1.16	1.02	D
962	1719	1051.0	35.8	197	243	130	7.35	162.0	3.43	2.77	74.09	1023.4	.050	1.13	1.17	19.3	21.3	.236	.264	526	20.8	4.6	.83	.93	1.16	1.02	D
963	1720	1052.0	41.2	193	226	129	7.19	162.7	3.42	2.93	73.93	1024.0	.050	1.13	1.17	19.3	21.3	.236	.272	527	20.8	4.6	.83	.93	1.16	1.02	D
964	1735	1053.0	35.8	168	224	124	6.84	161.3	3.40	3.38	71.23	1032.3	.040	1.13	1.17	19.3	22.4	.236	.250	528	20.9	4.6	.81	.93	1.16	1.02	D
965	1736	1054.0	53.9	193	240	120	8.08	162.0	3.41	3.40	70.59	1032.9	.040	1.13	1.17	19.4	22.4	.236	.250	528	20.9	4.6	.75	.93	1.16	1.02	D
966	1737	1055.0	46.8	219	312	119	8.36	162.0	3.41	3.02	70.59	1033.0	.040	1.12	1.17	19.4	22.1	.237	.249	530	20.9	4.6	.78	.93	1.16	1.02	D
967	1739	1056.0	43.7	200	303	120	8.31	162.0	3.40	2.75	70.75	1033.0	.040	1.13	1.17	19.4	22.1	.238	.250	531	20.9	4.6	.80	.93	1.16	1.02	D
968	1740	1057.0	48.8	203	317	119	8.55	161.3	3.40	2.68	70.59	1033.0	.040	1.13	1.17	19.4	22.0	.238	.250	532	21.0	4.6	.78	.93	1.16	1.02	D
969	1741	1058.0	43.9	207	312	120	7.82	160.6	3.41	2.72	70.59	1033.3	.040	1.13	1.17	19.4	22.0	.239	.252	532	21.0	4.6	.78	.93	1.16	1.02	D
970	1742	1059.0	42.4	205	272	120	7.81	160.0	3.41	2.66	70.43	1034.1	.040	1.13	1.17	19.4	22.0	.239	.252	534	21.0	4.6	.79	.93	1.16	1.02	D

STATOIL : 15/9-18

Data Printed at time 13:03 Date Feb 24 '84
Data Re[illegible]el at time 17:44 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TVD	DXC	NXB	ECD	NXB ID
971	1744	1060.0	35.8	205	246	120	9.14	159.3	3.41	2.72	70.11	1035.7	.050	1.13	1.17	19.4	22.0	.239	.252	535	21.0	4.6	.86	.93	1.16	1.02 D
972	1746	1061.0	39.5	200	248	120	8.84	159.3	3.41	2.69	69.95	1037.0	.070	1.13	1.17	19.4	22.4	.239	.252	536	21.1	4.6	.83	.93	1.16	1.02 D
973	1747	1062.0	34.2	187	225	120	8.00	158.6	3.41	2.73	70.27	1038.6	.070	1.13	1.17	19.4	22.5	.240	.252	536	21.1	4.6	.84	.93	1.16	1.02 D
974	1759	1063.0	37.8	184	261	121	7.30	158.6	3.40	2.65	72.50	1042.5	.050	1.13	1.17	19.2	22.8	.238	.247	537	21.2	4.6	.81	.93	1.16	1.02 D
975	1801	1064.0	50.2	198	250	127	6.33	159.3	3.40	2.61	72.18	1042.6	.070	1.13	1.17	19.2	22.5	.238	.250	539	21.2	4.6	.74	.93	1.16	1.02 D
976	1802	1065.0	38.2	183	257	128	4.57	158.6	3.41	2.66	71.86	1043.5	.080	1.13	1.17	19.3	22.5	.238	.250	540	21.2	4.6	.74	.93	1.16	1.02 D
977	1804	1066.1	36.6	265	417	124	3.62	159.3	3.41	2.61	71.54	1044.6	.080	1.13	1.17	19.3	22.3	.238	.250	541	21.2	4.6	.71	.93	1.16	1.02 D
978	1805	1067.0	42.6	180	367	127	4.08	159.3	3.41	2.64	71.54	1045.4	.090	1.14	1.17	19.4	22.4	.238	.248	542	21.2	4.6	.70	.94	1.16	1.02 D
979	1806	1068.0	40.1	180	242	127	4.75	160.0	3.41	2.60	71.39	1045.8	.130	1.14	1.17	19.4	22.3	.238	.248	543	21.3	4.6	.74	.94	1.16	1.02 D
980	1808	1069.0	45.4	185	273	127	4.99	159.3	3.41	2.64	71.23	1046.1	.160	1.13	1.17	19.4	22.2	.237	.247	544	21.3	4.6	.72	.94	1.16	1.02 D
981	1809	1070.1	36.2	171	225	128	4.46	159.3	3.41	2.67	70.91	1046.6	.240	1.14	1.17	19.5	22.2	.236	.247	545	21.3	4.6	.74	.94	1.16	1.02 D
982	1811	1071.0	37.0	170	214	128	3.97	159.3	3.41	2.65	70.75	1047.6	.300	1.14	1.17	19.6	22.3	.236	.247	546	21.3	4.6	.72	.94	1.16	1.02 D
983	1813	1072.0	27.1	170	220	127	5.17	160.0	3.41	2.65	70.27	1049.1	.400	1.14	1.17	19.6	22.2	.234	.246	547	21.4	4.6	.82	.94	1.16	1.02 D
984	1936	1073.0	50.9	200	280	123	6.63	158.6	3.40	2.99	60.57	1071.4	.030	1.14	1.17	20.6	23.9	.231	.236	547	21.5	4.6	.75	.94	1.14	1.02 D
985	1937	1074.0	38.8	263	358	127	8.24	157.9	3.41	2.99	60.26	1071.4	.030	1.13	1.17	20.6	23.8	.228	.251	549	21.5	4.6	.84	.94	1.14	1.02 D
986	1939	1075.0	48.1	223	295	127	6.84	157.9	3.41	3.03	60.26	1071.4	.030	1.13	1.17	20.6	23.7	.231	.246	550	21.6	4.6	.77	.94	1.14	1.02 D
987	1940	1076.0	43.1	252	368	127	7.11	157.9	3.42	2.95	60.26	1071.4	.030	1.13	1.17	20.6	23.6	.231	.246	551	21.6	4.6	.79	.94	1.14	1.02 D
988	1941	1077.0	49.7	236	368	127	7.10	157.9	3.41	2.97	59.94	1071.4	.030	1.13	1.17	20.6	21.9	.232	.233	552	21.6	4.6	.77	.94	1.15	1.02 D
989	1943	1078.0	45.6	242	361	127	7.00	157.9	3.41	2.90	59.78	1071.4	.030	1.13	1.17	20.6	23.1	.232	.233	553	21.6	4.6	.78	.94	1.15	1.02 D
990	1944	1079.0	44.4	200	260	127	6.19	157.9	3.41	2.91	59.30	1071.4	.030	1.13	1.17	20.5	22.0	.233	.227	554	21.7	4.7	.76	.94	1.15	1.02 D
991	1945	1080.0	52.3	224	275	127	7.39	157.9	3.40	2.89	59.14	1071.4	.030	1.13	1.17	20.5	21.8	.233	.227	555	21.7	4.7	.76	.94	1.15	1.02 D
992	1946	1081.0	43.0	220	284	128	6.97	157.2	3.41	2.92	58.67	1071.4	.030	1.14	1.17	20.4	22.9	.234	.228	556	21.7	4.7	.79	.94	1.15	1.02 D
993	1954	1082.0	34.4	221	366	126	7.58	157.9	3.40	2.87	58.03	1071.4	.030	1.14	1.17	20.1	22.1	.234	.231	557	21.7	4.7	.85	.94	1.15	1.02 D
994	1956	1083.0	25.8	229	302	127	6.87	157.9	3.41	2.87	56.92	1071.4	.020	1.13	1.17	20.1	23.2	.234	.234	558	21.8	4.7	.88	.94	1.15	1.02 D
995	1958	1084.0	32.4	211	241	127	7.29	157.9	3.42	2.84	56.60	1071.4	.030	1.13	1.17	20.1	23.2	.236	.236	558	21.8	4.7	.85	.94	1.15	1.02 D
996	2000	1085.0	33.6	237	348	126	7.81	158.6	3.41	2.83	56.44	1071.4	.030	1.13	1.17	20.3	23.0	.235	.236	560	21.8	4.7	.85	.94	1.16	1.02 D
997	2002	1086.0	29.2	208	262	127	7.37	158.6	3.41	2.81	56.44	1071.4	.030	1.13	1.17	20.1	23.1	.234	.236	561	21.9	4.7	.87	.94	1.16	1.02 D
998	2004	1087.0	31.8	222	271	127	7.83	157.9	3.41	2.77	56.60	1071.4	.030	1.13	1.17	20.1	23.1	.234	.237	562	21.9	4.7	.86	.94	1.16	1.02 D
999	2005	1088.0	39.9	206	255	127	7.94	157.9	3.41	2.78	56.60	1071.4	.030	1.13	1.17	20.1	23.1	.234	.237	563	21.9	4.7	.82	.94	1.16	1.02 D
1000	2007	1089.0	33.4	214	281	127	7.67	157.9	3.42	2.75	56.60	1071.4	.030	1.13	1.17	20.2	23.4	.234	.237	564	22.0	4.7	.85	.94	1.16	1.02 D
1001	2010	1090.0	21.6	223	257	127	8.72	157.9	3.42	2.75	56.12	1071.4	.040	1.13	1.17	20.2	23.3	.234	.238	565	22.0	4.7	.96	.94	1.16	1.02 D
1002	2012	1091.0	33.6	228	260	127	9.30	157.2	3.41	2.76	55.96	1071.4	.040	1.13	1.17	20.3	23.4	.234	.238	566	22.0	4.7	.83	.94	1.16	1.02 D
1003	2023	1092.0	32.1	221	287	126	9.17	158.6	3.43	2.81	66.93	1071.4	.030	1.14	1.17	19.3	23.6	.234	.236	567	22.1	4.7	.89	.94	1.16	1.02 D
1004	2024	1093.0	34.1	309	418	127	10.0	160.6	3.43	2.86	68.52	1071.4	.030	1.14	1.17	19.4	23.1	.234	.236	568	22.1	4.7	.90	.94	1.16	1.02 D
1005	2026	1094.0	31.8	277	408	128	9.31	162.0	3.42	2.90	68.21	1071.4	.040	1.13	1.17	19.5	23.3	.239	.237	569	22.2	4.7	.90	.94	1.16	1.02 D
1006	2028	1095.0	35.5	237	304	128	8.65	162.7	3.43	2.91	67.89	1071.4	.050	1.12	1.17	19.7	23.0	.235	.238	569	22.2	4.7	.86	.94	1.16	1.02 D
1007	2030	1096.0	33.2	231	266	129	9.36	162.7	3.42	2.91	67.57	1071.9	.060	1.13	1.17	19.8	23.0	.233	.238	571	22.2	4.7	.89	.94	1.16	1.02 D
1008	2031	1097.0	35.1	232	265	129	9.07	162.7	3.43	2.95	67.25	1072.8	.060	1.13	1.17	19.9	23.0	.231	.239	572	22.2	4.7	.87	.94	1.16	1.02 D
1009	2033	1098.0	37.0	233	283	128	9.07	162.7	3.43	2.96	66.62	1073.9	.070	1.13	1.17	20.0	22.9	.231	.239	573	22.3	4.7	.86	.94	1.16	1.02 D
1010	2035	1099.0	33.8	276	418	127	9.23	163.4	3.43	2.90	66.30	1075.3	.060	1.13	1.17	20.1	23.2	.230	.239	574	22.3	4.7	.83	.94	1.16	1.02 D
1011	2036	1100.0	34.5	265	404	128	8.43	163.4	3.43	2.89	65.82	1076.7	.060	1.12	1.17	20.2	23.0	.230	.243	575	22.3	4.7	.86	.95	1.16	1.02 D
1012	2052	1101.0	25.3	217	326	128	7.59	171.7	3.54	3.14	62.80	1082.4	.070	1.13	1.17	20.6	23.7	.229	.239	576	22.5	4.7	.91	.95	1.16	1.02 D
1013	2054	1102.0	31.8	271	351	122	8.54	161.3	3.52	3.25	62.01	1083.4	.070	1.13	1.17	20.6	23.6	.229	.239	577	22.5	4.8	.87	.95	1.16	1.02 D
1014	2056	1103.0	34.5	223	266	123	9.96	161.3	3.42	3.17	61.53	1084.3	.080	1.13	1.17	20.7	23.6	.227	.237	578	22.5	4.8	.89	.95	1.16	1.02 D
1015	2057	1104.0	36.2	227	268	123	10.2	161.3	3.43	3.20	61.21	1085.2	.080	1.13	1.17	20.7	23.7	.227	.236	579	22.5	4.8	.89	.95	1.16	1.02 D
1016	2059	1105.0	38.2	234	283	123	10.2	161.3	3.42	3.16	60.89	1086.0	.070	1.13	1.17	20.7	23.6	.226	.236	580	22.6	4.8	.84	.95	1.16	1.02 D
1017	2103	1106.0	16.1	235	301	123	10.2	162.0	3.43	3.20	60.10	1088.0	.090	1.13	1.17	20.8	23.5	.227	.236	581	22.6	4.8	1.06	.94	1.15	1.03 D
1018	2105	1107.0	23.0	221	281	123	9.48	162.7	3.43	3.12	59.94	1089.0	.080	1.13	1.17	20.8	23.7	.227	.235	582	22.7	4.8	.97	.94	1.15	1.03 D
1019	2106	1108.0	103	243	284	122	11.5	162.7	3.43	3.18	59.78	1089.3	.080	1.13	1.17	20.8	23.6	.227	.235	583	22.7	4.8	.68	.94	1.15	1.03 D
3	2109	1109.0	19.1	291	342	122	15.8	157.9	3.42	3.04	55.49	1090.4	.080	1.13	1.17	20.9	23.7	.230	.233	584	22.7	4.8	1.14	.87	1.15	1.03 D

STATOIL : 15/9-18

Data Printed at time 13:10 Date Feb 24 '84
Data Received at time 21:12 Date Dec 26 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT in hours	BIT TW	EST	DXC	NXB	ECD	NXTD	
4	2112	1110.0	16.0	288	310	121	17.2	157.9	3.43	3.05	55.49	1090.4	.080	1.13	1.17	21.0	23.7	.230	.233	589	22.8	4.8	1.21	.88	1.15	1.02	D
5	2127	1111.0	15.6	283	283	123	17.0	157.9	3.43	3.04	55.49	1096.0	.080	1.13	1.17	21.0	23.7	.230	.233	586	22.9	4.8	1.22	.89	1.15	1.01	D
6	2130	1112.0	20.7	278	326	126	16.5	157.9	3.43	3.03	55.49	1097.7	.130	1.13	1.17	21.0	23.7	.230	.233	587	22.9	4.8	1.17	.89	1.15	1.01	D
7	2133	1113.0	18.2	308	331	129	17.8	157.9	3.43	3.02	55.33	1100.3	.110	1.13	1.17	21.0	23.7	.230	.233	588	23.0	4.8	1.20	.89	1.15	1.01	D
8	2137	1114.0	17.8	292	313	126	17.1	158.6	3.43	3.04	55.33	1100.3	.060	1.13	1.17	21.0	23.7	.230	.233	589	23.1	4.8	1.22	.90	1.15	1.00	D
9	2140	1115.1	36.1	299	330	126	17.6	157.9	3.43	3.01	55.33	1100.3	.060	1.13	1.17	21.0	23.6	.230	.233	590	23.1	4.8	1.03	.89	1.15	1.01	D
10	2143	1116.0	16.3	311	370	126	17.8	159.3	3.42	3.05	55.17	1100.3	.060	1.13	1.17	20.9	23.5	.232	.234	591	23.2	4.8	1.23	.90	1.15	1.00	D
11	2147	1117.0	19.6	307	356	126	17.8	160.0	3.42	3.03	55.49	1100.9	.090	1.13	1.17	20.8	23.8	.233	.235	592	23.2	4.9	1.19	.90	1.15	.999	D
12	2150	1118.0	16.5	303	360	126	18.1	160.0	3.42	3.23	55.65	1103.1	.140	1.13	1.17	20.8	23.8	.231	.232	593	23.3	4.9	1.24	.91	1.15	.992	D
13	2154	1119.0	16.3	308	357	126	17.9	161.3	3.42	3.19	55.49	1104.9	.130	1.13	1.17	20.8	23.7	.230	.230	594	23.3	4.9	1.24	.91	1.15	.987	D
14	2158	1120.0	14.9	309	381	126	17.8	161.3	3.41	3.26	54.69	1106.2	.180	1.13	1.17	20.9	23.8	.228	.230	595	23.4	4.9	1.26	.92	1.15	.980	D
15	2212	1121.0	19.4	272	355	123	17.3	162.7	3.41	3.26	56.60	1109.6	.080	1.12	1.17	20.6	23.7	.229	.225	596	23.5	4.9	1.18	.92	1.15	.978	D
16	2214	1122.0	22.0	306	343	126	18.4	162.7	3.42	3.28	56.28	1109.6	.080	1.13	1.17	20.7	23.6	.230	.226	597	23.6	4.9	1.17	.92	1.15	.978	D
17	2217	1123.0	23.0	309	350	125	18.0	163.4	3.42	3.20	56.12	1109.6	.090	1.13	1.17	20.7	23.5	.230	.226	598	23.6	4.9	1.15	.92	1.15	.978	D
18	2220	1124.0	17.3	312	355	126	18.9	163.4	3.42	3.32	55.65	1110.2	.090	1.13	1.17	20.9	23.6	.229	.226	599	23.7	4.9	1.24	.93	1.15	.973	D
19	2224	1125.0	17.2	312	352	125	18.4	163.4	3.42	3.35	55.65	1111.2	.100	1.13	1.17	21.0	23.5	.228	.226	600	23.7	4.9	1.23	.93	1.15	.969	D
20	2226	1126.0	22.4	309	374	125	18.3	163.4	3.42	3.41	55.33	1112.2	.100	1.13	1.17	21.0	23.4	.227	.226	601	23.8	4.9	1.16	.93	1.15	.970	D
21	2229	1127.0	20.1	307	354	126	18.1	162.7	3.43	3.39	55.01	1113.1	.100	1.13	1.17	21.0	23.3	.228	.226	602	23.8	4.9	1.19	.93	1.15	.969	D
22	2231	1128.1	35.0	352	437	124	17.6	163.4	3.42	3.38	54.85	1113.5	.100	1.13	1.17	21.1	23.3	.228	.227	603	23.8	4.9	1.04	.93	1.15	.976	D
23	2234	1129.0	23.7	302	371	126	16.7	163.4	3.43	3.30	54.69	1114.3	.110	1.13	1.17	21.1	23.2	.228	.229	604	23.9	4.9	1.12	.92	1.15	.978	D
24	2236	1130.0	22.4	258	320	123	16.5	163.4	3.43	3.26	54.69	1115.1	.110	1.13	1.17	21.2	23.3	.227	.230	605	23.9	5.0	1.13	.92	1.15	.980	D
25	2252	1131.0	24.7	281	330	127	13.2	162.0	3.41	2.82	55.01	1118.7	.110	1.13	1.17	21.3	23.3	.227	.228	606	24.0	5.0	1.05	.92	1.15	.985	D
26	2254	1132.0	24.2	299	347	127	15.4	162.0	3.41	2.69	55.17	1119.3	.110	1.13	1.17	21.3	23.3	.228	.228	607	24.1	5.0	1.10	.91	1.15	.988	D
27	2257	1133.0	22.7	293	335	127	16.0	161.3	3.41	2.53	55.49	1119.7	.100	1.13	1.17	21.3	23.5	.228	.228	608	24.1	5.0	1.12	.91	1.15	.990	D
28	2300	1134.0	22.1	284	327	127	15.3	160.0	3.41	2.46	55.65	1119.8	.110	1.13	1.17	21.4	23.8	.228	.238	609	24.1	5.0	1.12	.91	1.15	.992	D
29	2302	1135.0	23.6	285	348	128	15.1	160.6	3.43	2.47	55.49	1119.9	.110	1.13	1.17	21.3	23.7	.228	.293	610	24.2	5.0	1.10	.91	1.15	.995	D
30	2305	1136.0	21.7	285	330	127	15.1	160.6	3.43	2.45	55.49	1120.3	.120	1.14	1.17	21.3	23.7	.228	.317	611	24.2	5.0	1.12	.91	1.15	.996	D
31	2308	1137.0	22.0	296	346	127	15.9	160.6	3.42	2.39	55.80	1121.2	.120	1.13	1.17	21.2	23.6	.229	.325	612	24.3	5.0	1.13	.91	1.15	.993	D
32	2310	1138.0	26.3	273	328	128	14.6	160.6	3.42	2.40	56.28	1122.1	.120	1.13	1.17	21.1	23.6	.230	.332	613	24.3	5.0	1.06	.90	1.15	1.00	D
33	2312	1139.0	22.8	290	330	127	15.6	161.3	3.41	2.37	56.76	1122.9	.120	1.13	1.17	21.0	23.6	.230	.335	614	24.4	5.0	1.11	.90	1.15	1.00	D
34	2327	1140.0	21.0	254	325	126	15.5	162.0	3.40	2.41	58.35	1126.0	.130	1.13	1.17	20.6	25.0	.228	.285	615	24.5	5.0	1.13	.90	1.15	1.00	D
35	2343	1141.0	3.92	254	349	127	16.6	164.1	3.41	2.48	57.24	1129.3	.120	1.13	1.17	21.2	25.3	.225	.247	615	24.7	5.1	1.57	.90	1.15	1.00	D
36	2346	1142.0	22.8	281	340	127	17.0	164.8	3.41	2.59	56.76	1129.9	.130	1.13	1.14	21.3	25.3	.225	.246	617	24.8	5.1	1.14	.90	1.15	1.01	D
37	2349	1143.0	22.3	276	316	127	16.9	164.8	3.41	3.17	55.80	1131.0	.120	1.12	1.14	21.3	25.1	.225	.246	618	24.8	5.1	1.14	.90	1.15	1.01	D
38	2351	1144.0	26.8	274	314	127	16.5	164.8	3.41	3.22	55.49	1131.8	.130	1.12	1.14	21.4	25.2	.226	.242	619	24.9	5.1	1.09	.90	1.15	1.01	D
39	2353	1145.0	23.3	280	326	127	17.0	165.5	3.41	3.22	55.49	1132.8	.130	1.12	1.14	21.4	25.1	.225	.241	620	24.9	5.1	1.13	.90	1.15	1.01	D
40	2356	1146.0	23.2	281	320	127	16.9	164.8	3.41	3.23	55.65	1133.7	.120	1.12	1.14	21.4	25.2	.225	.240	621	24.9	5.1	1.13	.90	1.15	1.01	D
41	2359	1147.0	21.4	288	332	127	17.4	165.5	3.41	3.34	55.65	1134.8	.120	1.12	1.14	21.4	25.0	.226	.239	622	25.0	5.1	1.16	.90	1.15	1.01	D
	Date	Dec 27 '83																									
42	0001	1148.0	22.1	284	329	127	17.0	165.5	3.42	3.29	55.96	1135.7	.130	1.12	1.14	21.4	25.2	.226	.239	623	25.0	5.1	1.15	.90	1.15	1.01	D
43	0004	1149.0	20.6	269	316	127	15.9	165.5	3.41	3.35	56.28	1136.8	.150	1.12	1.14	21.4	25.1	.226	.239	624	25.1	5.1	1.15	.90	1.15	1.01	D
46	0018	1150.0	21.5	272	320	125	17.0	165.5	3.40	3.36	58.35	1139.0	.120	1.11	1.14	21.1	25.0	.225	.239	625	25.2	5.1	1.15	.90	1.15	1.01	D
47	0021	1151.0	25.9	286	328	124	17.3	164.8	3.40	3.37	58.03	1139.1	.123	1.11	1.14	21.2	25.0	.225	.239	626	25.2	5.1	1.11	.90	1.15	1.01	D
48	0023	1152.0	21.7	292	325	124	17.5	164.8	3.41	3.37	57.87	1139.5	.110	1.12	1.14	21.2	24.5	.226	.239	627	25.3	5.1	1.16	.90	1.15	1.01	D
49	0026	1153.0	20.5	283	322	124	17.6	164.8	3.40	3.38	57.55	1139.6	.090	1.11	1.14	21.4	24.8	.225	.238	628	25.3	5.1	1.17	.90	1.15	1.01	D
50	0029	1154.0	21.3	279	316	124	17.0	164.8	3.42	3.30	57.24	1139.7	.080	1.11	1.14	21.5	25.0	.224	.236	629	25.4	5.1	1.15	.90	1.15	1.01	D
51	0032	1155.0	22.9	283	345	124	17.6	164.8	3.42	3.33	56.92	1139.7	.080	1.11	1.14	21.6	25.0	.224	.235	630	25.4	5.2	1.15	.90	1.15	1.01	D
52	0035	1156.0	19.7	291	332	124	18.1	164.8	3.41	3.33	56.60	1139.7	.090	1.11	1.14	21.7	24.9	.224	.236	631	25.4	5.2	1.19	.91	1.15	1.01	D
53	0038	1157.0	20.3	283	317	124	17.0	165.5	3.41	3.27	56.28	1140.0	.100	1.12	1.14	21.7	24.7	.225	.236	632	25.5	5.2	1.16	.91	1.15	1.01	D
54	0040	1158.0	24.2	281	317	124	17.1	165.5	3.41	3.24	55.96	1140.8	.110	1.11	1.14	21.8	25.1	.224	.235	633	25.5	5.2	1.12	.91	1.15	1.01	D

STATOIL : 15/9-18

Data Printed at time 13:15 Date Feb 24 '84
Data Received at time 01:04 Date Dec 27 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NAG	ECD	NEMD	
55	0104	1159.0	6.00	240	429	132	18.3	171.0	3.46	2.87	52.15	1148.0	.120	1.12	1.14	22.1	25.7	.225	.235	634	25.8	5.2	1.53	.91	1.13	1.01	D
56	0106	1160.0	24.7	284	325	127	18.4	171.0	3.46	2.69	51.99	1148.4	.130	1.13	1.14	22.1	25.7	.227	.234	635	25.8	5.2	1.16	.91	1.13	1.01	D
57	0109	1161.0	26.1	307	349	127	20.0	171.0	3.47	2.65	51.83	1149.4	.120	1.13	1.14	22.1	25.3	.228	.237	636	25.8	5.2	1.17	.91	1.13	1.01	D
58	0111	1162.0	24.3	302	342	126	19.1	166.9	3.42	2.65	51.51	1149.5	.120	1.13	1.14	22.2	25.0	.229	.238	636	25.9	5.2	1.17	.91	1.13	1.01	D
59	0114	1163.0	22.4	301	349	126	19.3	166.9	3.41	2.62	50.72	1148.8	.110	1.13	1.14	22.2	25.3	.230	.238	638	25.9	5.2	1.20	.91	1.13	1.00	D
60	0116	1164.0	21.0	312	347	126	19.6	164.1	3.41	2.60	50.56	1150.0	.120	1.13	1.14	22.2	24.7	.232	.235	639	26.0	5.2	1.22	.91	1.13	1.00	D
61	0119	1165.0	23.6	302	334	126	18.7	164.8	3.41	2.61	50.08	1151.0	.120	1.13	1.14	22.2	25.1	.239	.236	640	26.0	5.2	1.17	.91	1.13	1.00	D
62	0121	1166.0	23.9	304	341	126	18.9	165.5	3.41	2.61	49.76	1151.8	.120	1.12	1.14	22.2	25.1	.239	.237	641	26.1	5.3	1.18	.91	1.13	1.00	D
63	0124	1167.0	25.7	295	338	126	18.8	165.5	3.41	2.64	49.13	1152.6	.100	1.14	1.14	22.2	25.4	.245	.237	642	26.1	5.3	1.15	.91	1.13	1.00	D
64	0126	1168.0	24.1	301	341	127	19.1	165.5	3.41	2.61	48.81	1153.5	.110	1.15	1.14	22.2	25.5	.243	.236	643	26.1	5.3	1.18	.91	1.13	1.00	D
65	0145	1169.0	26.1	276	342	127	19.0	163.4	3.39	2.65	45.95	1157.6	.100	1.14	1.14	22.2	25.8	.248	.236	644	26.2	5.3	1.16	.91	1.13	1.00	D
66	0147	1170.0	24.8	294	352	128	18.4	163.4	3.40	2.61	45.47	1157.7	.100	1.14	1.14	22.2	25.7	.330	.236	645	26.3	5.3	1.16	.91	1.13	1.00	D
+ Circulate bottoms up, make wiper trip and POOH to run logs.																											
13-3/8" Casing set at 1150m.																											
+ Bit #5, REED FP12, 12.25" with 3x16 jets. Drill out 13-3/8" casing.																											
Date Dec 29 '83																											
75	2234	1171.0	40.0	135	191	94	1.33	163.4	2.67	2.91	81.00	1125.4	0.00	1.12	1.14	14.8	17.2	.254	.241	1.0	.9	.3	1.16	.92	1.18	1.00	D
76	2236	1172.0	26.2	189	259	92	8.07	163.4	2.67	2.82	77.90	1125.6	0.00	1.12	1.14	14.8	17.0	.254	.245	2.0	.9	.3	.90	.92	1.18	1.00	D
77	2240	1173.0	18.9	190	233	92	10.0	162.7	2.68	2.87	73.77	1134.1	0.00	1.12	1.14	14.9	17.4	.254	.244	3.0	.9	.3	1.03	.92	1.18	1.00	D
78	2243	1174.0	19.0	192	227	92	10.4	144.8	2.56	2.78	69.48	1138.5	0.00	1.12	1.14	15.0	17.0	.254	.246	4.0	.9	.3	1.04	.93	1.17	.999	D
+ Take Leak Off Test at 1174m after conditioning mud to 1.13 g/cc. Fracture determined at 44.1 bars imposed pressure to give 1.52 g/cc EMW for shoe.																											
Date Dec 30 '83																											
80	0327	1175.1	14.7	193	384	93	11.6	175.1	2.91	2.94	81.00	1174.1	.010	1.13	1.13	18.0	19.4	.240	.232	5.0	1.0	.3	1.17	.93	1.15	.999	D
81	0329	1176.0	30.5	190	223	104	7.85	175.1	2.91	2.98	80.45	1174.1	0.00	1.12	1.13	17.9	19.4	.241	.233	6.0	1.0	.4	.92	.92	1.15	1.00	D
82	0331	1177.0	37.5	198	230	103	7.80	175.1	2.91	2.69	80.29	1174.1	.010	1.12	1.13	17.7	20.1	.242	.230	7.0	1.0	.4	.87	.92	1.15	1.00	D
83	0333	1178.0	25.1	191	220	103	7.20	175.1	2.91	2.60	80.29	1174.1	0.00	1.13	1.13	17.5	20.4	.242	.231	8.0	1.1	.4	.94	.92	1.15	1.00	D
84	0335	1179.0	30.9	185	222	103	7.04	175.1	2.92	2.64	80.45	1174.1	.010	1.13	1.13	17.3	20.7	.243	.231	9.0	1.1	.4	.89	.92	1.15	1.00	D
85	0337	1180.1	36.6	183	243	103	7.12	175.8	2.92	2.62	80.61	1174.1	.010	1.13	1.13	17.3	20.6	.243	.232	10.0	1.1	.4	.86	.92	1.15	1.01	D
86	0339	1181.0	23.7	189	225	103	7.06	175.1	2.92	2.82	80.45	1174.1	.010	1.13	1.13	17.1	20.9	.242	.234	11.0	1.2	.4	.95	.92	1.15	1.01	D
87	0341	1182.0	35.9	191	227	103	7.07	175.1	2.92	2.67	80.29	1174.1	.020	1.14	1.13	17.1	20.9	.242	.234	12.0	1.2	.4	.86	.92	1.15	1.01	D
88	0343	1183.0	24.0	179	223	103	6.25	175.1	2.92	2.50	80.29	1174.1	.030	1.12	1.13	17.1	20.8	.241	.236	13.0	1.3	.4	.92	.92	1.15	1.01	D
89	0345	1184.0	31.9	182	224	103	6.85	175.1	2.91	2.32	80.29	1174.1	.030	1.13	1.13	17.1	20.7	.241	.237	14.0	1.3	.4	.87	.92	1.15	1.01	D
91	0400	1185.0	25.2	171	224	104	6.22	173.7	2.90	2.57	80.45	1175.0	.060	1.12	1.13	17.3	19.7	.239	.241	15.0	1.4	.5	.90	.92	1.15	1.01	D
92	0402	1186.0	25.9	180	231	105	6.74	173.7	2.91	2.67	79.81	1175.0	.040	1.12	1.13	17.4	19.8	.240	.239	15.9	1.4	.5	.92	.92	1.15	1.01	D
93	0404	1187.0	25.3	170	205	105	6.77	173.1	2.90	2.63	79.81	1175.5	.050	1.12	1.13	17.5	20.4	.240	.240	17.0	1.5	.5	.92	.92	1.15	1.01	D
94	0409	1188.0	11.8	152	195	106	4.32	172.4	2.91	3.06	79.02	1178.0	.060	1.12	1.13	17.6	20.3	.240	.239	18.0	1.6	.5	.99	.92	1.15	1.01	D
95	0414	1189.0	12.3	142	178	106	4.52	172.4	2.91	2.86	78.86	1180.7	.070	1.12	1.13	17.7	20.5	.240	.239	19.0	1.6	.5	.99	.92	1.14	1.01	D
96	0418	1190.0	17.9	155	197	106	6.24	172.4	2.91	2.89	78.70	1182.2	.070	1.12	1.13	17.8	20.7	.240	.239	20.0	1.7	.6	.99	.92	1.14	1.01	D
97	0420	1191.0	19.7	166	203	105	7.03	173.1	2.91	2.87	78.70	1183.6	.080	1.12	1.13	17.8	20.6	.240	.239	20.9	1.7	.6	.99	.92	1.14	1.01	D
98	0424	1192.0	15.6	152	184	106	5.86	172.4	2.91	2.95	78.54	1184.6	.070	1.12	1.13	17.9	20.5	.240	.239	22.0	1.8	.6	1.00	.92	1.14	1.01	D
99	0427	1193.0	18.9	151	185	105	6.32	172.4	2.91	2.90	78.38	1184.6	.080	1.12	1.13	18.0	20.7	.241	.240	23.0	1.9	.6	.98	.93	1.14	1.00	D
100	0430	1194.0	20.7	151	196	105	6.07	172.4	2.91	2.70	78.54	1184.8	.050	1.13	1.13	18.0	20.7	.241	.242	24.0	1.9	.6	.95	.93	1.14	1.00	D
101	0450	1195.0	21.4	131	187	98	6.33	175.1	2.91	2.88	78.06	1187.9	.050	1.12	1.13	18.1	20.2	.240	.242	25.0	2.0	.7	.94	.93	1.14	1.00	D
102	0454	1196.0	16.1	152	185	105	6.74	174.4	2.92	2.82	77.59	1188.5	.060	1.13	1.13	18.2	19.4	.241	.235	25.9	2.1	.7	1.03	.93	1.14	1.00	D
103	0457	1197.0	18.4	150	189	105	6.74	174.4	2.92	2.78	77.59	1189.4	.050	1.13	1.14	18.2	20.0	.240	.235	26.9	2.1	.7	1.00	.93	1.14	1.00	D
104	0500	1198.0	18.3	159	199	105	7.17	174.4	2.93	2.71	77.59	1190.5	.070	1.14	1.13	18.2	20.1	.241	.237	28.0	2.2	.7	1.01	.93	1.14	.998	D
105	0503	1199.0	23.3	162	200	105	7.87	173.7	2.92	2.78	77.27	1191.3	.070	1.14	1.14	18.2	20.2	.241	.237	29.0	2.2	.7	.98	.93	1.14	.997	D
106	0505	1200.0	24.0	165	201	105	7.69	174.4	2.93	2.61	77.27	1191.8	.070	1.14	1.14	18.2	20.4	.241	.237	30.0	2.3	.7	.97	.93	1.14	.996	D
107	0511	1201.0	10.8	145	192	105	5.93	173.7	2.93	2.79	76.79	1193.6	.090	1.14	1.15	18.2	20.5	.241	.238	31.0	2.3	.7	1.07	.93	1.14	.996	D
108	0516	1202.0	12.1	139	187	105	4.98	173.1	2.93	2.36	76.31	1194.1	.060	1.13	1.14	18.3	20.4	.240	.238	32.0	2.4	.8	1.01	.94	1.15	.994	D

STATOIL : 15/9-18

Data Printed at time 13:22 Date Feb 24 '84
Data Rec[illegible] at time 05:19 Date Dec 30 '83

##	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	HXB	ECD	HXBD	
110	0522	1203.0	9.9	135	169	105	5.27	173.1	2.93	2.68	76.00	1195.1	.070	1.13	1.14	18.4	20.4	.240	.240	33.0	2.5	.8	1.06	.94	1.15	.994	D
111	0527	1204.0	10.7	137	169	105	5.25	172.4	2.93	2.64	75.52	1196.6	.070	1.13	1.14	18.4	20.3	.239	.238	34.0	2.6	.8	1.04	.94	1.15	.991	D
112	0544	1205.0	20.4	131	189	106	4.56	176.5	2.96	3.17	74.09	1200.2	.090	1.12	1.14	18.5	20.4	.238	.242	34.9	2.7	.8	.89	.94	1.15	.993	D
113	0548	1206.0	15.3	145	180	110	4.71	177.2	2.96	2.97	73.77	1201.0	.060	1.12	1.14	18.6	20.4	.238	.237	36.0	2.8	.9	.96	.94	1.15	.993	D
114	0552	1207.0	16.7	145	183	109	5.12	176.5	2.97	2.95	73.61	1201.7	.070	1.12	1.14	18.6	20.4	.238	.235	37.0	2.9	.9	.96	.94	1.15	.993	D
115	0555	1208.1	20.5	149	204	109	4.95	175.8	2.96	3.04	73.29	1202.2	.060	1.13	1.14	18.6	20.3	.238	.235	38.0	2.9	.9	.91	.94	1.14	.994	D
116	0557	1209.1	22.7	155	195	109	5.27	175.8	2.96	2.91	73.29	1202.5	.070	1.13	1.14	18.6	20.3	.238	.236	39.0	3.0	.9	.90	.94	1.14	.996	D
117	0600	1210.0	21.0	170	204	109	5.72	175.8	2.97	2.62	73.13	1203.0	.060	1.13	1.14	18.6	20.3	.238	.237	40.0	3.0	.9	.94	.94	1.14	.997	D
118	0603	1211.0	19.6	163	200	109	5.52	176.5	2.97	2.83	72.82	1203.6	.060	1.14	1.14	18.7	20.2	.238	.241	41.0	3.0	.9	.94	.94	1.14	.997	D
119	0606	1212.0	17.2	157	198	109	5.16	177.2	2.97	2.96	72.50	1204.2	.060	1.13	1.14	18.7	20.3	.238	.253	42.0	3.1	.9	.96	.94	1.14	.997	D
120	0610	1213.0	15.9	147	181	109	4.96	177.2	2.96	2.54	72.66	1204.2	.040	1.14	1.14	18.8	20.4	.238	.246	43.0	3.2	1.0	.96	.94	1.15	.997	D
121	0626	1214.0	23.1	152	205	107	6.56	177.9	2.97	2.20	73.13	1206.2	.070	1.14	1.14	18.9	20.1	.237	.257	44.0	3.3	1.0	.94	.94	1.15	.998	D
122	0627	1215.0	32.2	163	211	103	7.95	177.2	2.97	2.15	72.66	1206.7	.090	1.14	1.14	18.9	20.2	.238	.248	45.0	3.3	1.0	.90	.93	1.15	.999	D
124	0629	1216.1	33.1	170	205	103	8.10	177.2	2.97	2.14	72.50	1207.3	.100	1.13	1.14	18.9	20.2	.238	.243	46.0	3.3	1.0	.90	.93	1.15	1.00	D
125	0631	1217.0	30.9	173	214	103	8.21	177.2	2.97	2.22	72.34	1207.9	.110	1.13	1.14	18.9	20.2	.237	.257	47.0	3.4	1.0	.92	.93	1.15	1.00	D
126	0633	1218.0	32.5	175	204	104	8.27	177.2	2.97	2.41	72.18	1208.6	.140	1.13	1.14	19.0	20.2	.237	.264	48.0	3.4	1.0	.91	.93	1.15	1.00	D
127	0635	1219.0	32.0	183	206	103	8.07	177.2	2.97	2.60	72.02	1209.3	.110	1.13	1.14	19.0	20.1	.237	.330	48.9	3.4	1.0	.90	.93	1.15	1.01	D
128	0637	1220.0	28.5	169	207	104	7.54	177.2	2.97	2.69	71.70	1210.2	.120	1.13	1.14	19.0	20.2	.237	.343	50.0	3.5	1.0	.91	.93	1.15	1.01	D
129	0639	1221.0	31.7	170	208	102	7.91	177.2	2.98	2.71	71.70	1210.7	.110	1.13	1.14	19.0	20.3	.237	.368	51.0	3.5	1.0	.90	.93	1.15	1.01	D
130	0641	1222.0	28.9	168	199	103	7.54	177.9	2.98	2.61	71.70	1211.3	.120	1.13	1.14	19.0	20.3	.237	.379	52.0	3.5	1.0	.91	.93	1.15	1.01	D
131	0643	1223.0	28.5	165	206	103	7.36	177.9	2.97	2.64	71.39	1211.9	.100	1.14	1.14	19.0	20.4	.238	.386	53.0	3.6	1.1	.91	.92	1.15	1.01	D
132	0655	1224.0	26.1	176	229	117	7.64	175.1	2.94	2.41	71.86	1213.6	.060	1.13	1.14	19.1	20.6	.237	.391	54.0	3.6	1.1	.96	.92	1.15	1.01	D
133	0657	1225.0	29.9	175	208	116	7.53	175.1	2.95	2.50	71.39	1213.6	.060	1.12	1.14	19.1	20.6	.237	.397	55.0	3.7	1.1	.93	.92	1.15	1.01	D
134	0659	1226.0	29.4	170	205	108	6.95	175.1	2.95	2.28	71.23	1213.6	.050	1.13	1.14	19.1	20.6	.237	.393	56.0	3.7	1.1	.90	.92	1.16	1.01	D
135	0701	1227.0	32.9	169	196	107	7.12	175.1	2.95	2.39	71.07	1213.6	.070	1.13	1.14	19.1	20.6	.237	.393	57.0	3.7	1.1	.83	.92	1.16	1.02	D
136	0703	1228.1	30.8	164	204	107	6.35	175.1	2.94	2.55	71.07	1214.6	.110	1.13	1.14	19.2	20.7	.237	.396	58.0	3.8	1.1	.87	.92	1.16	1.02	D
137	0705	1229.0	27.2	171	215	107	6.98	175.1	2.95	2.41	70.91	1215.7	.130	1.13	1.14	19.2	20.7	.237	.403	58.9	3.8	1.1	.91	.92	1.15	1.02	D
138	0707	1230.1	27.9	167	204	107	6.79	175.8	2.95	2.47	70.75	1216.9	.140	1.13	1.14	19.2	20.8	.237	.406	60.0	3.8	1.1	.90	.92	1.15	1.02	D
139	0709	1231.0	28.2	179	208	106	8.32	175.1	2.95	2.42	70.75	1217.9	.140	1.12	1.14	19.2	20.7	.237	.403	61.0	3.9	1.1	.95	.92	1.15	1.02	D
140	0711	1232.0	31.4	174	217	106	7.72	175.1	2.95	2.51	70.43	1219.0	.150	1.13	1.14	19.2	20.6	.237	.405	62.0	3.9	1.1	.91	.91	1.15	1.03	D
141	0725	1233.0	24.5	146	204	106	7.24	177.2	2.96	2.49	71.23	1223.0	.120	1.12	1.14	19.2	20.6	.236	.432	63.0	4.0	1.2	.95	.91	1.15	1.03	D
142	0727	1234.0	33.3	198	234	105	8.79	177.2	2.97	2.64	69.80	1223.1	.100	1.13	1.14	19.2	20.5	.236	.423	64.0	4.0	1.2	.92	.91	1.15	1.03	D
143	0729	1235.0	29.4	193	224	105	7.90	177.9	2.97	2.50	69.32	1223.1	.070	1.12	1.14	19.2	20.5	.237	.420	65.0	4.1	1.2	.92	.91	1.15	1.03	D
144	0731	1236.0	26.0	179	209	105	7.22	177.9	2.97	2.52	69.16	1223.6	.080	1.13	1.14	19.3	20.5	.236	.417	66.0	4.1	1.2	.93	.91	1.15	1.03	D
145	0733	1237.0	32.1	189	216	105	7.99	177.9	2.97	2.89	69.16	1224.5	.110	1.13	1.14	19.3	20.5	.236	.414	66.9	4.1	1.2	.91	.91	1.15	1.03	D
146	0735	1238.0	29.8	178	209	106	7.24	178.6	2.97	2.67	69.00	1225.5	.140	1.13	1.14	19.3	20.4	.236	.421	67.9	4.2	1.2	.90	.91	1.15	1.03	D
147	0737	1239.1	29.8	193	225	105	8.02	178.6	2.98	2.97	68.84	1226.5	.140	1.13	1.14	19.3	20.4	.236	.424	69.0	4.2	1.2	.93	.91	1.15	1.03	D
149	0739	1240.0	25.3	184	223	105	7.47	178.6	2.97	2.74	68.68	1227.6	.130	1.12	1.14	19.3	20.3	.237	.418	70.0	4.2	1.2	.95	.91	1.15	1.03	D
150	0741	1241.0	31.0	178	219	106	7.46	179.3	2.98	2.97	68.52	1228.6	.140	1.12	1.14	19.3	20.2	.237	.422	70.9	4.3	1.2	.90	.91	1.15	1.03	D
151	0743	1242.0	29.7	185	230	106	7.87	179.3	2.97	2.65	68.52	1229.6	.110	1.14	1.14	19.3	20.2	.237	.416	72.0	4.3	1.2	.92	.91	1.15	1.03	D
152	0757	1243.0	25.3	168	218	104	8.01	176.5	2.94	2.42	68.21	1232.9	.080	1.12	1.14	19.4	20.1	.236	.429	73.0	4.4	1.2	.96	.91	1.14	1.03	D
153	0759	1244.1	39.5	183	263	106	8.39	176.5	2.94	2.57	68.05	1232.9	.100	1.12	1.14	19.4	20.1	.236	.432	74.0	4.4	1.3	.88	.91	1.15	1.03	D
154	0800	1245.0	28.8	185	222	106	8.55	176.5	2.94	2.39	67.89	1233.0	.100	1.12	1.14	19.4	20.1	.237	.434	75.0	4.5	1.3	.95	.91	1.15	1.03	D
155	0802	1246.0	29.9	180	240	106	7.79	176.5	2.94	2.42	67.89	1233.8	.120	1.13	1.14	19.4	20.1	.236	.438	76.0	4.5	1.3	.92	.91	1.15	1.04	D
156	0803	1247.0	59.4	167	224	106	6.02	176.5	2.93	2.60	67.73	1234.3	.100	1.13	1.14	19.4	20.1	.237	.424	77.0	4.5	1.3	.72	.91	1.15	1.04	D
157	0805	1248.0	30.2	184	221	106	7.70	176.5	2.94	2.59	67.57	1235.2	.080	1.13	1.14	19.4	20.1	.236	.426	78.0	4.6	1.3	.92	.91	1.15	1.04	D
158	0807	1249.0	26.6	190	222	106	8.21	176.5	2.94	2.70	67.57	1236.1	.060	1.13	1.14	19.5	20.1	.236	.443	79.0	4.6	1.3	.96	.91	1.15	1.04	D
159	0809	1250.0	29.5	183	223	106	8.27	177.2	2.94	2.74	67.41	1237.2	.080	1.13	1.14	19.5	20.0	.236	.445	80.0	4.6	1.3	.94	.91	1.15	1.04	D
160	0811	1251.0	34.7	197	229	105	8.70	177.2	2.94	2.52	67.41	1237.9	.070	1.13	1.14	19.5	20.0	.236	.448	81.0	4.6	1.3	.91	.91	1.15	1.04	D
161	0813	1252.0	39.8	191	243	106	8.48	177.2	2.94	2.70	67.25	1238.8	.090	1.13	1.14	19.5	20.0	.237	.449	82.0	4.7	1.3	.88	.91	1.15	1.04	D

STATOIL : 15/9-18

Data Printed at time 13:28 Date Feb 24 '84
Data Re[illegible]ed at time 08:30 Date Dec 30 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	TRIP TIME	BIT hours	EST TW	DXC	NXB	ECD	NXMD	
162	0830	1253.1	31.2	170	253	102	8.29	177.9	2.94	2.53	65.50	1242.4	.090	1.13	1.13	19.5	21.3	.236	.254	83.0	4.8	1.3	.92	.91	1.15	1.04	D
163	0831	1254.0	97.2	150	210	107	2.99	178.6	2.95	2.64	65.34	1242.4	.080	1.13	1.13	19.5	21.2	.236	.254	84.0	4.8	1.3	.54	.91	1.15	1.04	D
164	0831	1255.0	173	131	190	107	.77	177.9	2.95	2.72	65.34	1242.4	.080	1.13	1.13	19.6	21.3	.237	.251	85.0	4.8	1.3	.34	.91	1.15	1.04	D
+ Flowcheck.																											
166	0843	1256.1	36.5	114	177	96	.15	177.9	2.95	2.64	65.98	1243.3	.070	1.14	1.13	19.6	21.6	.236	.253	85.9	4.9	1.3	.43	.91	1.15	1.04	D
167	0844	1257.0	127	130	166	107	0.00	177.9	2.94	2.78	65.66	1243.6	.080	1.14	1.13	19.6	21.3	.236	.253	87.0	4.9	1.3	-.03	.91	1.15	1.04	D
168	0844	1258.1	124	137	238	107	.82	178.6	2.94	2.88	65.66	1243.8	.090	1.14	1.13	19.6	21.4	.236	.253	88.0	4.9	1.3	.39	.91	1.15	1.04	D
169	0845	1259.0	141	123	150	108	.83	178.6	2.95	2.65	65.50	1244.1	.090	1.14	1.13	19.6	21.5	.236	.253	89.0	4.9	1.3	.38	.91	1.15	1.04	D
170	0845	1260.0	121	128	198	107	1.43	178.6	2.95	2.68	65.50	1244.3	.090	1.13	1.13	19.6	21.6	.236	.252	90.0	4.9	1.3	.43	.91	1.15	1.04	D
171	0848	1261.1	25.7	163	214	107	7.44	178.6	2.95	3.03	65.18	1245.6	.120	1.13	1.13	19.6	21.8	.236	.249	91.0	4.9	1.4	.94	.91	1.15	1.04	D
172	0907	1262.1	24.4	140	215	107	7.34	170.3	2.85	2.65	64.71	1252.1	.090	1.13	1.12	19.5	21.8	.237	.246	92.0	5.1	1.4	.95	.91	1.15	1.04	D
173	0909	1263.1	30.3	169	206	108	7.58	170.3	2.86	2.64	64.23	1252.2	.080	1.13	1.12	19.5	21.8	.237	.242	93.0	5.1	1.4	.92	.91	1.15	1.04	D
174	0910	1264.0	44.6	158	214	108	6.86	177.9	2.91	2.72	64.07	1252.2	.070	1.13	1.12	19.5	21.8	.237	.238	94.0	5.1	1.4	.81	.91	1.15	1.04	D
175	0913	1265.0	17.8	147	219	109	5.42	178.6	2.93	2.77	63.75	1252.3	.080	1.13	1.12	19.5	22.0	.237	.240	95.0	5.2	1.4	.95	.91	1.15	1.04	D
176	0917	1266.0	17.6	151	195	109	5.69	178.6	2.92	2.62	63.75	1254.8	.120	1.13	1.13	19.5	22.8	.237	.242	96.0	5.2	1.4	.97	.91	1.15	1.04	D
177	0920	1267.0	20.4	167	203	108	6.32	178.6	2.92	2.93	63.75	1255.4	.060	1.14	1.14	19.5	23.0	.237	.240	97.0	5.3	1.4	.96	.91	1.15	1.04	D
178	0923	1268.0	19.2	160	206	108	6.32	179.3	2.93	2.63	63.75	1256.9	.080	1.13	1.13	19.5	23.0	.236	.242	98.0	5.3	1.4	.97	.91	1.15	1.04	D
179	0926	1269.0	17.8	157	204	109	6.72	179.3	2.93	2.50	63.59	1260.8	.100	1.13	1.14	19.6	23.0	.236	.243	99.0	5.4	1.5	1.01	.91	1.15	1.04	D
180	0928	1270.0	27.1	163	223	108	7.16	179.3	2.93	2.82	63.44	1261.6	.080	1.13	1.14	19.6	22.8	.236	.239	99.9	5.4	1.5	.93	.91	1.15	1.04	D
181	0931	1271.0	26.6	160	214	108	7.07	179.3	2.92	2.70	63.28	1261.8	.060	1.13	1.14	19.6	22.7	.236	.239	101	5.5	1.5	.93	.91	1.15	1.04	D
+ Circulate 30 minutes, drop survey and POOH with Bit #5.																											
+ NB#6, HTC J1, 12.25" w/15:15:15 jets.																											
186	1605	1272.0	49.5	197	295	114	5.90	202.7	2.88	2.88	66.30	1271.1	.030	1.13	1.14	16.9	9.3	.234	.218	.9	.1	0.0	.78	.86	1.14	1.04	D
187	1607	1273.0	50.2	197	278	114	5.48	203.4	2.89	2.14	65.98	1271.1	.030	1.14	1.14	16.8	11.9	.235	.207	1.9	.1	.0	.76	.86	1.14	1.04	D
188	1610	1274.0	29.4	188	372	113	5.91	202.7	2.89	2.01	65.50	1271.1	.030	1.15	1.14	16.5	13.7	.237	.206	2.9	.2	.0	.88	.86	1.15	1.04	D
189	1613	1275.0	20.3	224	381	108	3.56	202.7	2.90	2.30	65.82	1271.1	.030	1.15	1.14	15.9	19.0	.241	.212	3.9	.2	.0	.85	.86	1.15	1.04	D
190	1625	1276.0	8.28	233	402	94	4.77	203.4	2.89	2.89	69.64	1271.1	.090	1.12	1.14	15.0	18.6	.241	.231	4.9	.4	.1	1.05	.86	1.15	1.04	D
191	1629	1277.1	18.6	230	402	108	3.32	202.0	2.90	2.49	70.75	1271.1	.370	1.13	1.14	15.2	20.4	.238	.244	5.9	.5	.1	.85	.86	1.15	1.04	D
192	1631	1278.0	24.5	231	390	108	4.38	201.3	2.90	2.30	71.23	1271.1	.460	1.12	1.14	15.4	20.1	.237	.247	6.9	.5	.1	.85	.86	1.15	1.04	D
193	1634	1279.0	21.4	212	291	115	4.48	202.0	2.90	2.29	72.02	1271.3	.250	1.13	1.14	15.6	21.0	.236	.252	7.9	.6	.1	.89	.86	1.15	1.04	D
194	1635	1280.0	81.6	235	355	132	5.84	202.7	2.91	2.91	72.18	1271.6	.180	1.13	1.14	15.7	21.0	.236	.252	8.9	.6	.1	.70	.86	1.15	1.04	D
195	1642	1281.0	16.2	160	293	137	3.63	202.0	2.91	2.91	73.77	1273.6	.100	1.12	1.14	16.3	20.4	.235	.236	9.9	.7	.1	.94	.86	1.15	1.04	D
196	1644	1282.0	20.6	170	231	131	3.51	202.0	2.90	2.14	73.61	1274.5	.090	1.12	1.14	16.5	20.2	.235	.235	10.9	.7	.1	.83	.86	1.14	1.04	D
197	1656	1283.0	22.9	132	253	118	4.33	208.9	2.94	2.33	75.04	1275.8	.050	1.12	1.14	17.0	19.7	.236	.235	11.9	.8	.1	.88	.86	1.14	1.04	D
198	1659	1284.0	22.8	171	239	107	4.75	208.2	2.94	2.94	74.25	1275.8	.040	1.12	1.14	17.1	19.4	.236	.234	12.9	.9	.2	.88	.86	1.14	1.04	D
199	1701	1285.0	27.9	165	233	109	4.16	207.5	2.95	2.95	74.41	1275.9	.040	1.12	1.14	17.2	19.9	.236	.231	13.9	.9	.2	.82	.86	1.14	1.04	D
200	1705	1286.0	14.8	156	237	108	3.99	207.5	2.95	2.95	74.72	1276.8	.050	1.12	1.14	17.3	20.2	.236	.232	14.9	1.0	.2	.93	.86	1.14	1.04	D
201	1708	1287.1	22.2	160	233	108	3.52	208.2	2.94	2.03	74.88	1277.7	.060	1.12	1.14	17.4	20.4	.236	.234	15.9	1.0	.2	.83	.86	1.14	1.04	D
202	1712	1288.1	13.6	161	241	108	3.25	207.5	2.95	2.95	75.20	1279.7	.060	1.12	1.14	17.5	19.9	.236	.235	16.9	1.1	.2	.91	.86	1.14	1.04	D
203	1717	1289.0	14.4	156	282	109	2.84	206.8	2.94	2.13	75.20	1280.2	.040	1.12	1.14	17.6	20.3	.235	.235	17.9	1.2	.2	.88	.86	1.14	1.04	D
204	1719	1290.0	20.6	160	212	108	4.05	207.5	2.94	2.94	75.52	1281.1	.060	1.12	1.14	17.6	20.6	.235	.235	18.9	1.2	.2	.87	.86	1.14	1.04	D
205	1723	1291.0	19.1	173	248	109	4.05	207.5	2.95	2.95	75.68	1282.2	.080	1.12	1.14	17.7	20.7	.235	.235	19.9	1.3	.2	.89	.86	1.14	1.04	D
206	1725	1292.1	26.0	162	216	108	4.04	206.2	2.95	2.32	76.00	1282.7	.030	1.13	1.14	17.8	20.7	.235	.236	20.9	1.3	.2	.83	.86	1.14	1.04	D
207	1743	1293.0	26.1	160	323	111	4.24	195.1	2.85	2.85	76.79	1286.0	.070	1.13	1.14	18.0	20.3	.236	.235	21.9	1.5	.3	.84	.86	1.14	1.04	D
208	1747	1294.1	16.3	158	220	112	4.22	194.4	2.85	2.85	77.11	1287.2	.060	1.13	1.14	18.0	20.9	.236	.234	22.9	1.5	.3	.93	.86	1.14	1.04	D
209	1750	1295.0	20.1	159	216	112	4.88	195.1	2.84	2.84	77.27	1287.9	.070	1.13	1.14	18.1	21.0	.236	.233	23.9	1.6	.3	.92	.87	1.14	1.04	D
210	1753	1296.0	19.3	161	216	112	4.92	195.1	2.85	2.85	77.11	1288.7	.060	1.13	1.14	18.1	20.6	.236	.233	24.9	1.6	.3	.94	.87	1.14	1.03	D
211	1757	1297.0	19.9	158	216	112	4.71	194.4	2.85	2.85	77.59	1289.6	.070	1.13	1.14	18.1	19.7	.236	.234	25.9	1.7	.3	.91	.87	1.14	1.03	D
212	1759	1298.1	24.5	167	216	112	5.46	195.1	2.85	2.19	77.74	1290.4	.070	1.13	1.14	18.2	19.1	.236	.234	26.9	1.7	.3	.90	.87	1.14	1.03	D
213	1803	1299.0	16.8	164	208	112	5.55	195.1	2.85	2.41	78.05	1291.5	.070	1.13	1.14	18.2	19.5	.236	.234	27.9	1.8	.3	.98	.87	1.14	1.03	D

STATOIL : 15/9-18

Data Printed at time 13:34 Date Feb 24 '84
Data Received at time 18:05 Date Dec 30 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	WXB	ECD	WXHD	
214	1805	1300.1	28.9	170	235	112	6.43	195.1	2.86	2.85	78.22	1292.2	.070	1.13	1.14	18.3	19.6	.236	.233	28.9	1.8	.3	.90	.87	1.14	1.03	D
215	1808	1301.1	15.6	165	223	112	6.13	194.4	2.85	2.38	78.22	1292.3	.060	1.12	1.14	18.3	19.6	.236	.233	29.9	1.9	.3	1.02	.87	1.15	1.03	D
218	1822	1302.0	25.1	152	240	107	7.07	200.6	2.88	2.48	79.33	1293.1	.060	1.13	1.14	18.4	19.6	.236	.237	30.9	2.0	.4	.94	.87	1.15	1.03	D
219	1824	1303.0	24.5	181	235	108	6.96	199.9	2.88	2.82	78.54	1293.7	.060	1.13	1.14	18.5	19.5	.236	.236	31.9	2.0	.4	.95	.87	1.15	1.03	D
220	1827	1304.0	25.0	180	223	109	7.19	200.6	2.89	2.59	79.18	1294.5	.070	1.13	1.14	18.5	19.5	.236	.233	32.9	2.1	.4	.95	.88	1.15	1.02	D
221	1828	1305.1	43.3	165	219	110	5.76	199.9	2.88	2.88	79.33	1294.9	.080	1.13	1.14	18.5	19.5	.236	.232	33.9	2.1	.4	.79	.88	1.15	1.02	D
222	1831	1306.1	23.6	166	232	110	6.15	199.9	2.88	2.62	79.49	1295.8	.070	1.13	1.14	18.5	19.6	.236	.233	34.9	2.1	.4	.93	.88	1.15	1.02	D
223	1833	1307.0	25.9	185	236	109	6.57	200.6	2.89	2.50	79.49	1296.5	.080	1.13	1.14	18.5	19.6	.236	.232	35.9	2.2	.4	.92	.88	1.15	1.02	D
224	1837	1308.0	19.8	177	253	110	6.26	200.6	2.89	2.82	79.81	1297.6	.080	1.13	1.14	18.6	19.7	.236	.233	36.9	2.2	.4	.97	.88	1.15	1.02	D
225	1840	1309.0	19.9	171	240	109	5.38	200.6	2.88	2.59	79.97	1298.5	.080	1.14	1.14	18.6	19.7	.236	.233	37.9	2.3	.4	.93	.88	1.15	1.02	D
226	1842	1310.0	25.2	171	259	109	6.16	199.9	2.89	2.51	80.13	1299.4	.080	1.13	1.14	18.6	19.6	.236	.233	38.9	2.3	.4	.91	.88	1.15	1.02	D
227	1845	1311.0	20.0	172	239	110	6.49	200.6	2.89	2.72	80.13	1300.4	.090	1.13	1.14	18.6	19.6	.236	.234	39.9	2.4	.4	.97	.89	1.15	1.01	D
228	1857	1312.1	29.7	161	223	109	5.88	196.5	2.87	2.69	80.29	1301.9	.070	1.12	1.14	18.7	19.6	.235	.238	40.9	2.5	.5	.87	.89	1.15	1.02	D
229	1859	1313.0	26.9	176	230	108	5.04	195.8	2.85	2.91	79.81	1301.9	.070	1.13	1.14	18.7	19.6	.236	.239	41.9	2.5	.5	.86	.88	1.15	1.02	D
233	1902	1314.2	29.1	159	221	107	4.05	197.2	2.86	2.91	79.65	1302.8	.080	1.13	1.14	18.8	19.6	.236	.253	42.9	2.6	.5	.80	.89	1.15	1.02	D
231	1905	1315.1	18.5	157	261	103	4.04	197.2	2.86	2.86	79.97	1304.3	.110	1.13	1.14	18.8	19.6	.235	.260	43.9	2.6	.5	.89	.88	1.15	1.02	D
232	1908	1316.0	22.9	166	219	107	4.92	196.5	2.86	2.60	79.97	1305.5	.110	1.13	1.14	18.8	19.6	.235	.309	44.9	2.7	.5	.83	.88	1.15	1.02	D
233	1910	1317.0	29.6	165	214	108	4.52	197.2	2.86	2.58	79.97	1306.2	.110	1.13	1.14	18.8	19.7	.236	.316	45.9	2.7	.5	.82	.88	1.15	1.02	D
234	1912	1318.0	29.1	175	216	108	4.73	197.2	2.87	2.57	79.97	1307.0	.090	1.13	1.14	18.9	19.7	.236	.345	46.9	2.7	.5	.83	.88	1.15	1.02	D
235	1914	1319.0	29.0	177	236	108	5.27	197.2	2.86	2.70	79.97	1307.9	.080	1.13	1.14	18.9	19.7	.235	.356	47.9	2.8	.5	.85	.88	1.15	1.02	D
236	1917	1320.0	19.8	168	217	108	4.56	197.2	2.86	2.77	79.81	1308.7	.090	1.13	1.14	18.9	19.8	.236	.376	48.9	2.8	.5	.90	.88	1.15	1.02	D
237	1934	1321.0	14.6	154	228	107	3.84	196.5	2.85	2.55	80.13	1311.6	.080	1.13	1.14	19.0	20.2	.235	.410	49.9	3.0	.5	.92	.88	1.14	1.02	D
238	1937	1322.0	22.1	150	201	114	3.44	196.5	2.85	2.51	80.13	1312.4	.080	1.12	1.14	19.1	20.2	.236	.409	50.9	3.0	.5	.84	.88	1.14	1.03	D
239	1940	1323.0	19.6	151	285	113	3.66	197.2	2.85	2.65	80.13	1313.6	.080	1.13	1.14	19.1	20.3	.236	.413	51.8	3.1	.6	.87	.88	1.14	1.03	D
240	1944	1324.0	13.8	160	201	113	3.95	196.5	2.86	2.46	80.29	1314.8	.090	1.12	1.14	19.1	20.3	.236	.418	52.9	3.1	.6	.95	.88	1.14	1.02	D
241	1946	1325.0	25.1	161	246	113	4.55	195.8	2.85	2.83	80.45	1315.8	.100	1.13	1.14	19.1	20.3	.236	.419	53.9	3.2	.6	.86	.88	1.14	1.03	D
242	1949	1326.0	33.3	163	209	112	4.68	195.8	2.86	2.42	80.45	1316.7	.130	1.12	1.14	19.2	20.3	.236	.422	54.9	3.2	.6	.81	.88	1.14	1.03	D
243	1951	1327.0	17.8	172	204	112	4.59	196.5	2.86	2.51	80.29	1318.1	.130	1.12	1.14	19.2	20.3	.236	.431	55.9	3.2	.6	.93	.88	1.14	1.03	D
244	1954	1328.0	23.1	165	211	112	3.69	196.5	2.85	2.66	80.29	1319.1	.120	1.13	1.14	19.2	20.3	.236	.430	56.9	3.3	.6	.84	.88	1.14	1.03	D
245	1957	1329.0	17.8	162	243	112	3.29	197.2	2.86	2.99	80.45	1320.5	.110	1.13	1.14	19.2	20.4	.236	.429	57.9	3.3	.6	.87	.88	1.14	1.03	D
246	2000	1330.1	24.5	158	225	113	2.99	197.2	2.86	2.53	80.45	1320.9	.100	1.13	1.14	19.3	20.5	.235	.440	58.9	3.4	.6	.80	.88	1.14	1.03	D
247	2014	1331.2	22.3	157	228	111	3.69	199.3	2.89	2.55	80.92	1321.0	.080	1.13	1.14	19.3	20.5	.235	.453	59.9	3.5	.6	.85	.88	1.14	1.03	D
248	2017	1332.1	15.4	153	205	111	3.85	199.3	2.88	2.39	80.13	1322.2	.110	1.13	1.14	19.4	20.5	.235	.452	60.9	3.6	.6	.92	.88	1.14	1.03	D
249	2021	1333.0	15.5	156	202	111	3.03	197.2	2.88	2.42	79.97	1323.4	.110	1.12	1.14	19.4	20.5	.236	.452	61.9	3.6	.7	.88	.88	1.14	1.03	D
250	2024	1334.0	19.5	159	215	111	3.81	196.5	2.86	2.61	79.97	1324.2	.110	1.13	1.14	19.4	20.5	.236	.451	62.9	3.7	.7	.88	.88	1.14	1.03	D
251	2027	1335.0	16.4	163	233	110	4.07	196.5	2.86	2.49	79.81	1325.8	.130	1.13	1.14	19.4	20.5	.236	.449	63.9	3.7	.7	.92	.88	1.14	1.03	D
252	2031	1336.0	16.5	170	224	110	4.02	196.5	2.87	2.95	79.65	1327.0	.130	1.13	1.14	19.4	20.4	.236	.448	64.9	3.8	.7	.91	.88	1.14	1.03	D
253	2035	1337.0	16.5	170	234	110	4.06	197.9	2.87	2.52	79.49	1328.3	.110	1.13	1.14	19.4	20.4	.236	.451	65.9	3.9	.7	.92	.88	1.14	1.03	D
254	2038	1338.1	17.6	166	215	111	3.95	197.2	2.86	2.49	79.33	1329.5	.110	1.13	1.14	19.4	20.3	.236	.451	66.9	3.9	.7	.90	.88	1.14	1.03	D
255	2042	1339.0	17.9	169	215	110	4.75	197.9	2.85	2.37	79.33	1330.4	.110	1.13	1.14	19.5	20.3	.236	.451	67.9	4.0	.7	.93	.88	1.14	1.03	D
256	2044	1340.0	21.1	185	227	110	5.62	197.2	2.86	2.57	79.18	1330.5	.100	1.13	1.14	19.5	20.2	.236	.447	68.9	4.0	.7	.93	.88	1.15	1.03	D
257	2103	1341.1	16.4	159	228	110	3.80	196.5	2.85	2.39	77.43	1333.8	.070	1.13	1.14	19.6	22.0	.236	.237	69.9	4.2	.7	.91	.88	1.14	1.03	D
258	2105	1342.1	23.4	169	233	108	4.27	197.2	2.85	2.48	77.27	1334.4	.090	1.13	1.14	19.7	22.2	.236	.237	70.9	4.2	.8	.86	.88	1.14	1.03	D
259	2108	1343.0	17.5	174	227	110	3.98	197.2	2.86	2.47	77.27	1335.3	.080	1.13	1.14	19.7	23.1	.236	.237	71.9	4.3	.8	.90	.88	1.14	1.03	D
260	2111	1344.0	20.1	165	238	110	4.12	197.2	2.86	2.66	77.27	1336.3	.080	1.13	1.14	19.7	23.3	.236	.237	72.9	4.3	.8	.88	.88	1.15	1.03	D
261	2114	1345.0	23.9	175	235	109	4.67	197.2	2.85	2.51	77.11	1336.9	.070	1.13	1.14	19.7	23.3	.236	.237	73.9	4.4	.8	.87	.88	1.15	1.03	D
262	2118	1346.0	16.8	164	235	110	3.74	197.2	2.85	2.53	76.95	1337.9	.080	1.12	1.14	19.7	23.4	.236	.237	74.9	4.4	.8	.90	.88	1.15	1.03	D
263	2121	1347.0	17.6	174	222	110	4.41	196.5	2.85	2.69	76.95	1338.8	.070	1.13	1.14	19.8	23.3	.236	.237	75.9	4.5	.8	.92	.88	1.15	1.03	D
264	2126	1348.0	12.4	170	227	110	4.31	197.2	2.85	2.45	76.79	1340.1	.070	1.13	1.14	19.8	23.4	.236	.237	76.9	4.6	.8	.93	.88	1.15	1.03	D
265	2131	1349.0	11.1	160	219	109	3.11	197.2	2.86	2.53	76.63	1340.1	.050	1.13	1.14	19.9	23.2	.236	.236	77.9	4.7	.8	.94	.88	1.15	1.03	D

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Data Printed at time 13:40 Date Feb 24 '84
Data Received at time 21:50 Date Dec 30 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	MXB	ECD	MWD
266	2150	1350.2	15.2	157	225	110	3.90	197.9	2.87	2.68	76.95	1344.1	.060	1.13	1.14	20.0	23.4	.235	.236	78.9	4.8	.8	.93	.83	1.14	1.03 D
267	2152	1351.0	23.0	199	256	110	7.48	197.9	2.86	2.62	76.31	1344.9	.060	1.12	1.14	20.0	23.2	.236	.237	79.8	4.9	.9	.93	.89	1.14	1.02 D
268	2155	1352.0	40.9	190	260	110	7.08	197.9	2.85	2.51	76.15	1345.5	.060	1.12	1.14	20.0	23.2	.236	.235	81.8	4.9	.9	.84	.89	1.14	1.03 D
269	2156	1353.0	44.3	199	269	110	7.14	197.9	2.85	2.47	76.15	1345.8	.070	1.12	1.14	20.0	23.3	.236	.235	82.4	4.9	.9	.83	.88	1.14	1.03 D
270	2159	1354.0	23.1	187	243	111	6.04	197.9	2.87	2.48	76.15	1346.6	.060	1.13	1.14	20.1	23.5	.236	.233	83.5	5.0	.9	.93	.88	1.14	1.03 D
271	2201	1355.0	24.0	178	234	112	4.98	197.9	2.86	2.42	76.15	1347.1	.060	1.13	1.14	20.1	23.7	.236	.232	84.2	5.0	.9	.89	.88	1.14	1.03 D
272	2202	1356.1	50.9	174	240	111	4.29	197.9	2.86	2.61	76.15	1347.3	.060	1.13	1.14	20.1	23.7	.235	.232	84.9	5.0	.9	.71	.88	1.14	1.03 D
273	2204	1357.0	23.1	188	254	111	5.47	197.9	2.86	2.52	75.84	1347.9	.060	1.13	1.14	20.1	23.7	.235	.232	85.9	5.1	.9	.91	.88	1.14	1.03 D
274	2212	1358.0	28.3	173	256	110	4.66	201.3	2.87	2.73	76.95	1348.9	.050	1.13	1.14	20.1	23.6	.235	.234	86.9	5.1	.9	.84	.88	1.14	1.03 D
275	2216	1359.0	17.8	173	223	110	4.18	201.3	2.88	2.64	76.00	1349.4	.060	1.12	1.14	20.1	22.7	.235	.236	87.9	5.2	.9	.91	.88	1.14	1.03 D
276	2232	1360.0	14.8	161	228	112	4.51	199.9	2.87	2.55	75.20	1350.0	.060	1.13	1.14	20.1	22.7	.235	.235	88.9	5.4	.9	.96	.89	1.14	1.03 D
277	2234	1361.1	29.3	178	240	111	4.83	200.6	2.87	2.56	75.36	1351.0	.090	1.12	1.14	20.1	23.3	.236	.235	89.9	5.4	.9	.84	.83	1.14	1.03 D
278	2237	1362.0	16.4	172	225	112	3.81	199.9	2.87	2.46	75.52	1353.1	.110	1.13	1.14	20.1	23.8	.236	.234	90.9	5.5	.9	.91	.88	1.14	1.03 D
279	2240	1363.1	23.9	173	258	112	5.30	199.9	2.87	2.54	75.36	1354.3	.110	1.13	1.14	20.1	23.7	.235	.234	91.9	5.5	1.0	.90	.88	1.14	1.03 D
280	2242	1364.0	30.9	185	246	111	5.20	200.6	2.87	2.75	75.36	1355.1	.110	1.13	1.14	20.1	22.4	.235	.234	92.9	5.5	1.0	.84	.88	1.14	1.03 D
281	2246	1365.0	16.0	171	243	112	3.67	199.9	2.87	2.48	75.20	1357.0	.150	1.12	1.14	20.1	23.2	.236	.233	93.9	5.6	1.0	.91	.88	1.14	1.03 D
282	2249	1366.0	19.9	176	225	112	4.15	200.6	2.87	2.38	75.04	1357.8	.110	1.13	1.14	20.2	23.4	.235	.232	94.9	5.6	1.0	.89	.88	1.14	1.03 D
283	2253	1367.0	17.5	178	230	111	4.35	200.6	2.87	2.34	75.04	1358.3	.100	1.12	1.14	20.2	23.4	.235	.232	95.9	5.7	1.0	.92	.88	1.14	1.03 D
284	2256	1368.1	19.7	177	232	112	3.96	200.6	2.87	2.46	74.72	1359.2	.100	1.13	1.14	20.2	23.4	.235	.232	96.9	5.8	1.0	.88	.88	1.14	1.03 D
285	2259	1369.0	18.2	174	232	112	4.57	199.9	2.87	2.43	74.88	1359.2	.090	1.13	1.14	20.3	23.4	.236	.231	97.9	5.8	1.0	.92	.88	1.15	1.03 D
+ Drop survey and wiper trip.																										
	Date	Dec 31 '83																								
287	0148	1370.0	40.9	197	263	103	5.69	188.2	2.73	2.52	73.77	1346.0	.080	1.13	1.14	19.0	7.9	.234	.289	98.9	6.0	1.0	.78	.88	1.16	1.03 D
288	0151	1371.0	23.1	183	245	104	5.88	197.2	2.81	2.55	73.29	1347.8	.070	1.13	1.14	18.9	11.3	.234	.247	99.9	6.0	1.0	.90	.88	1.16	1.03 D
289	0153	1372.0	33.3	205	248	103	7.43	197.2	2.81	2.83	73.45	1349.0	.090	1.12	1.14	18.9	15.8	.234	.225	101	6.0	1.0	.87	.88	1.16	1.03 D
290	0155	1373.0	30.6	189	255	103	6.50	197.2	2.81	2.69	73.45	1350.4	.090	1.12	1.14	18.7	18.6	.235	.208	102	6.1	1.0	.86	.83	1.16	1.04 D
291	0157	1374.0	24.4	195	246	103	6.27	197.2	2.81	2.85	72.98	1352.2	.090	1.12	1.14	18.5	21.1	.236	.209	103	6.1	1.0	.90	.88	1.16	1.04 D
292	0200	1375.0	23.5	193	226	104	6.35	197.2	2.82	2.88	72.82	1363.8	.110	1.13	1.14	18.2	22.3	.237	.216	104	6.2	1.1	.92	.88	1.16	1.03 D
293	0202	1376.0	31.1	192	242	104	6.09	197.2	2.81	2.81	72.66	1364.5	.090	1.13	1.14	18.0	22.3	.238	.220	105	6.2	1.1	.86	.83	1.15	1.04 D
294	0204	1377.0	26.4	198	247	104	6.74	197.2	2.82	2.82	72.50	1365.3	.090	1.13	1.15	17.8	22.1	.238	.225	106	6.2	1.1	.91	.88	1.15	1.04 D
295	0205	1378.0	27.4	196	244	104	6.49	197.2	2.82	2.98	72.66	1366.1	.100	1.13	1.14	17.6	22.1	.239	.227	107	6.3	1.1	.90	.88	1.15	1.04 D
296	0222	1379.0	18.5	181	251	105	6.32	194.4	2.80	2.80	72.34	1370.0	.330	1.12	1.14	17.5	21.9	.235	.252	108	6.4	1.1	.93	.88	1.14	1.03 D
297	0224	1380.0	20.2	185	343	106	5.35	198.6	2.83	2.83	71.70	1371.0	.740	1.13	1.14	17.7	22.5	.235	.254	109	6.4	1.1	.93	.89	1.14	1.03 D
298	0227	1381.0	20.9	181	226	106	5.84	198.6	2.83	2.83	71.39	1371.6	.470	1.13	1.14	17.8	22.0	.234	.255	110	6.5	1.1	.94	.89	1.14	1.03 D
299	0230	1382.0	25.4	173	219	108	5.35	198.6	2.83	2.83	71.07	1372.1	.190	1.14	1.14	18.0	23.0	.234	.249	111	6.5	1.1	.88	.89	1.14	1.03 D
300	0232	1383.0	24.0	187	255	106	5.66	198.6	2.84	2.78	70.75	1372.7	.190	1.13	1.13	18.1	22.8	.234	.247	112	6.5	1.1	.90	.89	1.14	1.03 D
302	0235	1384.0	21.8	177	242	106	4.92	198.6	2.84	2.79	70.59	1373.4	.130	1.13	1.13	18.3	22.8	.234	.241	113	6.6	1.1	.89	.89	1.15	1.03 D
303	0237	1385.0	27.9	180	227	106	4.91	199.3	2.82	2.66	70.43	1374.0	.130	1.13	1.13	18.4	22.6	.235	.237	114	6.6	1.1	.84	.88	1.15	1.04 D
304	0241	1386.0	14.0	173	238	106	5.17	199.3	2.84	2.44	70.43	1375.1	.110	1.13	1.13	18.6	22.6	.235	.234	115	6.7	1.1	.99	.89	1.15	1.03 D
305	0244	1387.0	23.2	173	230	106	5.47	199.3	2.84	2.45	70.11	1376.3	.100	1.13	1.14	18.7	22.3	.235	.233	116	6.7	1.1	.90	.89	1.15	1.03 D
306	0306	1388.0	16.3	152	224	106	4.78	198.6	2.82	2.54	74.09	1378.3	.060	1.13	1.14	19.1	21.3	.236	.240	117	6.9	1.1	.94	.89	1.15	1.03 D
307	0309	1389.0	18.8	174	232	113	4.21	197.9	2.81	2.57	71.86	1379.0	.070	1.12	1.14	19.1	21.4	.236	.239	118	7.0	1.2	.90	.89	1.15	1.03 D
308	0312	1390.0	22.4	175	222	115	4.56	197.2	2.81	2.81	71.70	1380.1	.090	1.12	1.14	19.1	21.6	.235	.232	119	7.0	1.2	.89	.89	1.15	1.03 D
309	0316	1391.1	15.2	163	212	116	4.65	196.5	2.82	2.43	71.70	1381.6	.080	1.12	1.14	19.2	21.6	.235	.229	120	7.1	1.2	.96	.89	1.15	1.03 D
310	0323	1392.0	12.5	166	212	115	5.17	196.5	2.82	2.60	71.70	1383.4	.090	1.13	1.14	19.2	21.7	.235	.231	121	7.2	1.2	1.03	.89	1.15	1.03 D
311	0324	1393.0	16.5	169	218	115	5.83	196.5	2.81	2.50	71.70	1384.9	.090	1.12	1.14	19.1	21.7	.235	.231	122	7.2	1.2	1.00	.89	1.15	1.03 D
312	0327	1394.0	18.7	186	231	115	6.79	196.5	2.81	2.54	71.54	1385.6	.090	1.12	1.15	19.1	21.5	.235	.232	123	7.3	1.2	1.01	.89	1.15	1.03 D
313	0330	1395.0	20.7	183	231	116	7.07	196.5	2.82	2.46	71.54	1386.5	.090	1.12	1.16	19.2	21.6	.235	.232	124	7.3	1.2	1.00	.90	1.15	1.03 D
314	0333	1396.0	17.4	173	223	115	5.81	195.8	2.82	2.67	71.39	1387.7	.070	1.13	1.14	19.2	21.7	.235	.233	125	7.4	1.2	.99	.90	1.15	1.02 D
315	0337	1397.0	17.0	165	224	116	4.86	196.5	2.82	2.57	71.39	1387.9	.080	1.12	1.14	19.2	21.7	.235	.234	126	7.5	1.2	.95	.90	1.15	1.02 D

STATOIL : 15/9-18

Data Printed at time 13:46 Date Feb 24 '84
Data Received at time 03:51 Date Dec 31 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THRS BIT m hours	EST TW	DXC	NXB	ECD	NXID	
316	0351	1398.0	20.9	146	237	111	6.42	194.4	2.80	2.51	71.70	1389.4	.100	1.12	1.14	19.4	21.5	.235	.237	127	7.6	1.2	.97	.90	1.14	1.02	D
317	0354	1399.0	19.3	186	229	109	6.57	194.4	2.80	2.46	71.39	1390.2	.080	1.12	1.14	19.4	21.4	.235	.234	128	7.6	1.2	.98	.90	1.14	1.02	D
318	0358	1400.0	18.5	184	231	109	6.43	194.4	2.81	2.39	71.54	1391.2	.080	1.13	1.14	19.4	21.2	.235	.231	129	7.7	1.3	.99	.90	1.15	1.02	D
319	0401	1401.0	19.4	176	219	108	6.11	195.8	2.81	2.47	71.39	1391.8	.060	1.13	1.14	19.5	21.1	.235	.233	130	7.7	1.3	.97	.90	1.15	1.02	D
320	0403	1402.0	20.4	176	220	110	5.91	195.1	2.80	2.49	71.54	1392.6	0.00	1.13	1.14	19.5	21.0	.235	.234	131	7.8	1.3	.95	.91	1.14	1.02	D
321	0406	1403.0	24.7	188	240	109	5.97	195.1	2.81	2.54	71.39	1393.3	.020	1.14	1.14	19.5	20.9	.235	.232	132	7.8	1.3	.91	.91	1.14	1.02	D
322	0409	1404.0	21.4	189	248	109	6.12	195.1	2.81	2.69	71.23	1394.2	.080	1.12	1.14	19.5	20.8	.235	.232	133	7.9	1.3	.95	.91	1.15	1.02	D
323	0411	1405.0	27.4	195	240	108	6.37	195.1	2.81	2.44	71.39	1394.9	.090	1.12	1.14	19.5	20.8	.235	.232	134	7.9	1.3	.90	.91	1.15	1.02	D
324	0413	1406.0	24.1	191	253	109	6.21	195.1	2.80	2.48	71.23	1395.7	.080	1.13	1.13	19.6	20.6	.235	.232	135	7.9	1.3	.92	.91	1.15	1.02	D
325	0416	1407.0	19.9	182	232	110	6.12	195.8	2.81	2.44	71.23	1396.6	.090	1.12	1.13	19.6	20.5	.235	.234	136	8.0	1.3	.96	.91	1.15	1.02	D
326	0438	1408.0	14.7	162	232	107	6.51	196.5	2.81	2.67	70.91	1398.8	.090	1.12	1.13	19.7	21.0	.234	.310	137	8.1	1.3	1.03	.91	1.15	1.02	D
327	0440	1409.1	24.0	178	226	108	6.14	196.5	2.81	2.75	70.91	1399.7	.090	1.13	1.13	19.7	21.0	.234	.329	138	8.2	1.3	.92	.91	1.15	1.02	D
328	0443	1410.0	18.9	174	227	108	6.34	196.5	2.81	2.71	70.75	1400.6	.100	1.13	1.13	19.7	21.0	.234	.349	139	8.2	1.3	.98	.91	1.15	1.02	D
329	0446	1411.0	25.2	172	245	108	6.05	197.2	2.82	2.73	70.75	1401.2	.100	1.13	1.13	19.8	20.9	.234	.357	140	8.3	1.3	.91	.91	1.15	1.02	D
330	0448	1412.0	21.5	178	230	108	5.69	197.2	2.81	2.67	70.43	1402.3	.110	1.13	1.13	19.8	20.8	.234	.373	141	8.3	1.3	.92	.91	1.15	1.02	D
331	0450	1413.0	25.3	184	243	107	6.06	196.5	2.82	2.66	70.43	1403.1	.120	1.13	1.13	19.8	20.8	.235	.391	142	8.3	1.3	.90	.91	1.15	1.02	D
332	0453	1414.0	21.4	177	225	109	5.83	197.2	2.82	2.64	70.43	1404.0	.120	1.13	1.13	19.8	20.8	.235	.386	143	8.4	1.4	.90	.91	1.15	1.02	D
333	0458	1415.1	12.9	161	210	109	4.23	197.2	2.81	2.59	70.27	1406.1	.110	1.13	1.13	19.9	21.0	.235	.423	144	8.5	1.4	.97	.91	1.15	1.02	D
334	0501	1416.0	17.1	171	221	109	5.30	197.2	2.81	2.74	70.11	1407.0	.120	1.13	1.13	19.9	21.0	.234	.437	145	8.5	1.4	.96	.91	1.15	1.02	D
335	0520	1417.1	12.9	153	215	109	5.25	194.4	2.79	2.67	65.03	1408.0	.070	1.13	1.13	20.0	22.3	.235	.240	146	8.7	1.4	1.01	.91	1.15	1.01	D
336	0522	1418.0	20.5	171	230	116	5.09	194.4	2.79	2.71	62.01	1408.7	.030	1.13	1.13	20.0	22.6	.236	.239	147	8.7	1.4	.93	.91	1.15	1.01	D
337	0527	1419.0	11.3	174	223	118	5.38	194.4	2.80	2.78	61.37	1410.8	.080	1.13	1.15	20.0	23.2	.236	.237	148	8.8	1.4	1.06	.91	1.15	1.01	D
338	0530	1420.0	22.8	180	237	117	5.74	195.1	2.79	2.65	61.53	1411.8	.070	1.13	1.15	20.0	23.3	.236	.237	149	8.9	1.4	.93	.91	1.15	1.01	D
339	0533	1421.0	21.5	174	214	117	5.24	195.1	2.79	2.74	62.01	1412.9	.100	1.13	1.15	20.0	23.4	.236	.238	150	8.9	1.4	.92	.91	1.15	1.02	D
340	0536	1422.0	21.1	174	214	117	5.18	195.1	2.79	2.70	62.16	1414.0	.090	1.13	1.14	19.9	23.3	.236	.238	151	9.0	1.4	.93	.91	1.15	1.02	D
341	0538	1423.1	23.2	180	221	117	6.12	195.1	2.79	2.74	62.48	1414.4	.080	1.12	1.13	19.9	23.4	.237	.239	152	9.0	1.4	.94	.91	1.15	1.02	D
342	0541	1424.0	23.4	187	237	116	6.70	196.5	2.79	2.70	62.64	1415.0	.090	1.13	1.13	19.9	23.4	.236	.239	153	9.1	1.4	.96	.91	1.15	1.01	D
343	0543	1425.0	30.2	195	231	117	6.98	196.5	2.79	2.73	62.96	1415.6	.080	1.13	1.14	19.9	23.4	.237	.238	154	9.1	1.5	.91	.91	1.15	1.02	D
344	0545	1426.0	27.8	189	229	117	6.38	195.8	2.80	2.76	63.12	1416.2	.080	1.13	1.16	19.9	23.5	.237	.239	155	9.1	1.5	.91	.91	1.15	1.02	D
345	0558	1427.0	31.8	144	225	98	6.34	199.3	2.82	2.64	65.98	1417.0	.050	1.13	1.14	19.8	23.2	.236	.233	156	9.2	1.5	.85	.91	1.15	1.02	D
346	0601	1428.0	23.6	199	301	109	6.16	199.3	2.82	2.66	66.46	1417.0	.050	1.13	1.14	19.8	23.0	.236	.239	157	9.3	1.5	.92	.91	1.15	1.02	D
347	0603	1429.0	30.3	192	331	108	5.85	199.3	2.82	2.71	67.09	1417.6	.070	1.13	1.14	19.8	23.1	.236	.239	158	9.3	1.5	.86	.91	1.15	1.02	D
348	0605	1430.0	25.7	183	224	108	5.62	198.6	2.82	2.75	67.89	1418.5	.070	1.14	1.14	19.8	23.5	.237	.235	159	9.3	1.5	.83	.91	1.15	1.02	D
349	0607	1431.0	24.4	188	230	109	6.03	199.3	2.82	2.68	68.68	1418.8	.060	1.14	1.14	19.8	23.8	.237	.235	160	9.4	1.5	.91	.91	1.15	1.02	D
350	0610	1432.0	25.4	186	238	109	6.09	199.3	2.82	2.76	69.48	1419.4	.070	1.13	1.14	19.8	23.7	.236	.234	161	9.4	1.5	.90	.91	1.15	1.02	D
351	0612	1433.1	30.5	194	235	109	6.46	199.3	2.83	2.76	70.11	1420.1	.090	1.14	1.14	19.7	23.6	.237	.234	162	9.4	1.5	.88	.90	1.15	1.03	D
352	0614	1434.0	26.5	183	236	109	5.95	199.9	2.82	2.66	70.91	1420.8	.090	1.14	1.14	19.7	23.8	.237	.235	163	9.5	1.5	.89	.90	1.15	1.03	D
353	0616	1435.0	23.8	177	228	110	6.16	199.3	2.82	2.80	71.70	1421.8	.090	1.14	1.14	19.7	23.7	.236	.235	164	9.5	1.5	.92	.90	1.15	1.03	D
354	0619	1436.0	23.7	178	224	109	6.23	199.9	2.83	2.74	72.34	1422.8	.100	1.14	1.13	19.8	23.9	.236	.235	165	9.6	1.5	.92	.90	1.15	1.03	D
355	0637	1437.1	20.0	165	226	108	5.21	195.1	2.78	2.69	78.38	1426.6	.060	1.13	1.13	19.7	22.9	.235	.233	166	9.7	1.5	.92	.90	1.15	1.03	D
356	0642	1438.0	12.6	178	232	107	6.39	194.4	2.78	2.72	79.81	1427.2	.080	1.13	1.14	19.7	23.3	.235	.233	167	9.8	1.5	1.06	.90	1.15	1.03	D
357	0644	1439.1	29.0	180	226	107	6.10	195.1	2.78	2.70	80.61	1428.1	.080	1.13	1.14	19.7	23.7	.235	.233	168	9.8	1.5	.87	.90	1.15	1.03	D
358	0646	1440.0	24.4	182	295	107	5.82	194.4	2.78	2.81	81.56	1429.1	.100	1.13	1.15	19.7	23.8	.235	.233	169	9.9	1.5	.90	.90	1.15	1.03	D
359	0648	1441.0	38.3	180	228	107	6.21	194.4	2.78	2.76	81.72	1429.7	.100	1.13	1.14	19.8	23.8	.235	.233	170	9.9	1.5	.82	.90	1.15	1.03	D
360	0651	1442.0	22.6	181	238	107	6.28	194.4	2.78	2.65	82.04	1431.0	.100	1.13	1.15	19.8	23.8	.235	.234	171	9.9	1.6	.93	.90	1.15	1.03	D
361	0653	1443.0	26.2	181	221	108	5.81	195.1	2.77	2.74	81.88	1432.0	.100	1.13	1.14	19.9	23.6	.234	.234	172	10.0	1.6	.88	.90	1.15	1.03	D
362	0655	1444.0	25.3	183	240	108	6.60	195.1	2.78	2.69	82.04	1433.0	.110	1.13	1.14	19.9	23.6	.234	.234	173	10.0	1.6	.92	.90	1.15	1.03	D
363	0657	1445.0	26.4	174	215	107	6.15	195.1	2.77	2.74	82.20	1433.9	.100	1.13	1.14	19.9	23.4	.234	.234	174	10.0	1.6	.89	.90	1.15	1.04	D
364	0718	1446.0	29.6	177	216	108	6.16	202.7	2.81	2.64	83.63	1436.0	.050	1.12	1.14	20.1	23.1	.233	.240	175	10.2	1.6	.88	.90	1.15	1.04	D
365	0720	1447.0	27.6	196	224	108	6.29	203.4	2.85	2.63	83.15	1436.2	.070	1.13	1.14	20.2	23.1	.233	.236	176	10.2	1.6	.89	.89	1.15	1.04	D

STATOIL : 15/9-18

Data Printed at time 13:52 Date Feb 24 '84
Data Recorded at time 07:22 Date Dec 31 '83

#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	WXB	ECD	WXHD	
366	0722	1448.0	33.7	186	229	109	6.47	203.4	2.85	2.70	83.15	1436.8	.070	1.13	1.14	20.2	22.9	.233	.232	177	10.2	1.6	.86	.89	1.15	1.04	D
367	0724	1449.0	27.0	173	230	109	5.73	203.4	2.85	2.72	83.15	1437.5	.070	1.12	1.14	20.2	22.8	.233	.229	178	10.3	1.6	.83	.89	1.15	1.04	D
368	0727	1450.0	20.8	185	231	109	6.57	206.2	2.85	2.69	83.31	1438.0	.070	1.13	1.14	20.2	22.9	.233	.230	179	10.3	1.6	.96	.89	1.15	1.04	D
369	0729	1451.0	27.5	184	236	108	6.25	204.1	2.85	2.70	83.31	1438.9	.090	1.13	1.14	20.2	22.9	.233	.231	180	10.3	1.6	.89	.89	1.15	1.04	D
370	0731	1452.0	25.2	189	245	108	6.50	205.5	2.85	2.76	83.31	1439.8	.090	1.13	1.14	20.2	22.9	.233	.232	181	10.4	1.6	.92	.89	1.15	1.05	D
371	0733	1453.0	28.1	195	232	108	6.43	205.5	2.86	2.69	83.31	1441.0	.090	1.13	1.14	20.2	22.9	.233	.234	182	10.4	1.6	.90	.89	1.15	1.05	D
372	0735	1454.0	35.9	190	240	109	7.77	205.5	2.85	2.75	83.31	1441.7	.090	1.14	1.14	20.2	22.9	.233	.241	183	10.4	1.6	.88	.89	1.15	1.05	D
373	0737	1455.0	24.7	184	227	109	7.04	205.5	2.85	2.71	83.15	1442.7	.110	1.13	1.14	20.3	22.8	.233	.242	184	10.5	1.6	.95	.89	1.15	1.05	D
374	0756	1456.0	19.1	172	211	108	5.83	204.8	2.85	2.69	82.51	1445.8	.080	1.12	1.14	20.4	23.0	.234	.366	185	10.6	1.6	.96	.89	1.15	1.05	D
375	0758	1457.0	25.5	179	223	108	5.67	204.8	2.85	2.87	82.36	1445.8	.080	1.13	1.14	20.4	23.1	.234	.365	186	10.6	1.6	.89	.89	1.15	1.05	D
376	0800	1458.0	21.6	203	338	107	6.33	204.1	2.85	2.71	82.36	1446.1	.100	1.13	1.14	20.4	23.1	.234	.370	187	10.7	1.6	.94	.89	1.15	1.05	D
377	0803	1459.0	21.1	183	234	109	6.41	205.5	2.85	2.70	82.36	1447.1	.120	1.13	1.14	20.4	23.0	.234	.376	188	10.7	1.7	.96	.89	1.15	1.05	D
378	0806	1460.0	23.2	171	212	109	5.51	206.2	2.85	2.77	82.36	1448.7	.140	1.13	1.14	20.4	23.1	.234	.383	189	10.8	1.7	.91	.89	1.15	1.05	D
379	0808	1461.0	29.9	183	312	108	6.18	204.8	2.85	2.65	82.51	1449.2	.140	1.12	1.14	20.4	23.1	.234	.401	190	10.8	1.7	.87	.89	1.15	1.05	D
380	0810	1462.0	22.9	185	234	109	6.12	205.5	2.85	2.77	82.36	1450.2	.140	1.13	1.14	20.4	23.0	.234	.407	191	10.9	1.7	.93	.89	1.15	1.05	D
381	0813	1463.0	25.2	163	213	108	5.47	205.5	2.86	2.70	82.51	1451.3	.140	1.13	1.14	20.4	23.0	.234	.415	192	10.9	1.7	.89	.89	1.15	1.05	D
382	0815	1464.0	20.2	167	211	108	5.80	205.5	2.85	2.70	82.67	1452.5	.150	1.13	1.14	20.4	22.9	.234	.426	193	10.9	1.7	.94	.89	1.15	1.05	D
383	0829	1465.0	19.3	163	221	109	5.83	203.4	2.83	2.67	83.47	1455.1	.070	1.14	1.14	20.5	22.8	.232	.274	194	11.0	1.7	.96	.89	1.15	1.05	D
384	0831	1466.0	30.4	163	226	108	6.09	204.8	2.84	2.88	79.65	1455.1	.070	1.13	1.14	20.4	22.7	.233	.243	195	11.1	1.7	.87	.89	1.15	1.05	D
385	0833	1467.0	28.3	161	217	108	5.76	204.8	2.84	2.81	78.54	1455.1	.060	1.13	1.14	20.4	22.5	.233	.247	196	11.1	1.7	.87	.89	1.15	1.05	D
386	0836	1468.0	22.0	171	220	109	6.96	206.2	2.85	2.83	78.38	1455.3	.070	1.12	1.14	20.5	22.5	.233	.246	197	11.1	1.7	.97	.89	1.15	1.05	D
387	0839	1469.0	22.3	188	234	108	7.26	205.5	2.85	2.69	78.38	1456.3	.100	1.13	1.14	20.5	23.3	.232	.245	198	11.2	1.7	.97	.89	1.15	1.05	D
388	0841	1470.0	24.2	184	233	108	7.64	205.5	2.85	2.74	78.54	1457.3	.100	1.13	1.14	20.5	24.0	.232	.246	199	11.2	1.7	.97	.89	1.15	1.05	D
389	0843	1471.0	28.1	176	234	108	7.16	206.2	2.85	2.84	78.70	1458.1	.100	1.12	1.14	20.5	24.1	.233	.247	200	11.3	1.7	.92	.89	1.15	1.05	D
390	0845	1472.1	24.8	184	231	109	7.82	205.5	2.85	2.73	78.86	1459.1	.120	1.13	1.14	20.5	23.8	.232	.248	201	11.3	1.7	.97	.89	1.15	1.05	D
391	0847	1473.0	23.4	179	223	109	7.23	206.2	2.86	2.70	78.86	1460.0	.090	1.13	1.14	20.5	24.0	.232	.247	202	11.3	1.7	.96	.89	1.15	1.05	D
392	0850	1474.0	19.9	168	240	108	7.19	206.2	2.85	2.81	79.02	1461.2	.080	1.12	1.14	20.5	23.7	.233	.248	203	11.4	1.7	.99	.90	1.15	1.05	D
+ Circulate for 30 minutes, drop survey and wiper trip to shoe to retrieve.																											
395	1133	1475.1	37.6	191	243	113	5.21	208.9	2.84	2.95	82.83	1468.6	.020	1.14	1.14	19.9	12.6	.232	.279	204	11.4	1.8	.81	.90	1.14	1.05	D
397	1136	1476.0	19.0	187	253	115	5.89	205.5	2.84	2.93	80.45	1469.0	.070	1.12	1.14	19.9	11.8	.231	.272	205	11.5	1.8	.98	.90	1.14	1.04	D
398	1138	1477.0	25.7	178	240	114	5.47	205.5	2.85	2.84	79.97	1469.4	.090	1.12	1.14	19.9	12.7	.232	.219	206	11.5	1.8	.90	.90	1.14	1.05	D
399	1141	1478.0	23.4	159	220	115	4.49	205.5	2.84	2.82	79.97	1469.8	.090	1.14	1.14	19.8	14.8	.232	.202	207	11.5	1.8	.88	.89	1.14	1.05	D
400	1143	1479.0	23.5	173	230	115	6.19	205.5	2.85	2.82	79.81	1470.2	.080	1.14	1.14	19.7	17.9	.233	.204	208	11.6	1.8	.94	.89	1.14	1.05	D
401	1146	1480.1	19.6	165	213	116	5.30	205.5	2.84	2.79	79.81	1470.8	.080	1.12	1.14	19.3	20.7	.235	.215	209	11.6	1.8	.95	.90	1.14	1.05	D
402	1149	1481.0	15.3	170	230	115	6.38	205.5	2.84	2.84	79.81	1471.3	.090	1.13	1.14	19.0	23.0	.236	.222	210	11.7	1.8	1.04	.90	1.15	1.05	D
403	1152	1482.1	28.4	183	220	115	7.04	205.5	2.85	2.83	79.97	1471.7	.070	1.14	1.14	18.8	23.4	.236	.225	211	11.7	1.8	.93	.90	1.15	1.05	D
404	1154	1483.1	27.4	170	225	116	6.97	204.8	2.85	2.85	79.97	1472.0	.170	1.14	1.14	18.6	23.6	.236	.234	212	11.8	1.8	.93	.90	1.15	1.05	D
405	1211	1484.0	17.8	135	221	113	5.61	204.8	2.84	2.93	79.81	1473.9	.480	1.14	1.14	18.6	23.1	.233	.242	213	11.9	1.8	.97	.90	1.15	1.05	D
406	1214	1485.1	22.7	164	221	117	5.58	204.8	2.84	2.84	78.38	1474.3	.280	1.13	1.14	18.6	22.6	.233	.245	214	12.0	1.8	.93	.90	1.15	1.05	D
407	1215	1486.0	32.9	173	232	111	6.64	207.5	2.85	2.85	78.06	1474.5	.190	1.13	1.14	18.7	23.0	.233	.247	215	12.0	1.8	.87	.90	1.15	1.05	D
408	1217	1487.0	25.7	184	232	111	7.11	208.2	2.87	2.89	78.06	1475.3	.110	1.13	1.14	18.8	23.2	.233	.245	216	12.0	1.8	.94	.90	1.15	1.05	D
409	1220	1488.0	29.4	192	273	110	7.22	208.9	2.87	2.96	77.74	1476.3	.100	1.13	1.14	18.9	23.0	.233	.242	217	12.1	1.8	.91	.90	1.15	1.05	D
410	1224	1489.0	16.3	183	242	110	6.71	210.3	2.88	2.73	77.43	1478.0	.080	1.13	1.14	19.1	22.7	.234	.232	218	12.1	1.9	1.02	.90	1.15	1.05	D
411	1227	1490.0	21.0	182	235	111	7.16	210.3	2.88	2.68	77.43	1478.9	.070	1.13	1.14	19.3	22.7	.234	.231	219	12.2	1.9	.99	.90	1.15	1.05	D
412	1229	1491.0	20.1	201	258	110	8.29	211.0	2.87	2.66	77.43	1480.0	.060	1.14	1.14	19.4	22.9	.122	.230	220	12.2	1.9	1.03	.90	1.15	1.05	D
413	1232	1492.0	24.6	192	247	110	8.00	211.7	2.87	2.66	77.59	1480.6	.070	1.14	1.14	19.5	23.4	.235	.230	221	12.3	1.9	.93	.90	1.15	1.05	D
414	1235	1493.0	21.0	179	256	110	7.53	211.7	2.87	2.81	77.27	1481.9	.080	1.13	1.14	19.6	23.5	.235	.232	222	12.3	1.9	1.00	.90	1.15	1.04	D
415	1251	1494.0	26.5	132	229	111	6.79	211.7	2.87	2.62	77.11	1483.8	.050	1.13	1.14	19.9	22.8	.235	.234	223	12.4	1.9	.92	.90	1.15	1.04	D
416	1254	1495.0	22.6	186	239	111	7.65	208.2	2.85	2.69	76.79	1484.5	.050	1.14	1.14	20.0	23.4	.234	.234	224	12.5	1.9	.93	.90	1.15	1.04	D
417	1257	1496.0	24.6	164	223	112	6.66	208.2	2.85	2.72	76.79	1485.9	.060	1.13	1.14	20.1	23.4	.235	.231	225	12.5	1.9	.93	.90	1.15	1.04	D

STATOIL : 15/9-18

Data Printed at time 13:58 Date Feb 24 '84
Data Received at time 12:59 Date Dec 31 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MXB	ECD	MWD
418	1259	1497.0	26.8	175	235	111	7.22	208.2	2.85	2.69	76.47	1486.9	.070	1.13	1.14	20.1	23.8	.234	.230	226	12.6	1.9	.93	.90	1.15	1.04	D
419	1302	1498.0	20.7	188	257	112	8.34	207.5	2.85	2.62	76.95	1488.0	.050	1.13	1.14	20.1	23.7	.234	.230	227	12.6	1.9	1.03	.91	1.15	1.04	D
420	1304	1499.0	26.1	184	242	111	7.82	207.5	2.85	2.66	76.79	1488.7	.050	1.13	1.14	20.2	23.8	.234	.230	228	12.6	1.9	.96	.91	1.15	1.04	D
421	1306	1500.0	27.9	173	223	112	6.94	208.2	2.85	2.64	76.63	1489.3	.060	1.13	1.14	20.2	24.1	.234	.230	229	12.7	1.9	.92	.91	1.15	1.04	D
422	1309	1501.0	26.8	159	229	111	5.94	207.5	2.85	2.79	76.79	1490.0	.080	1.13	1.14	20.2	24.1	.234	.231	230	12.7	1.9	.89	.90	1.15	1.04	D
423	1313	1502.1	16.0	163	236	111	5.87	208.2	2.84	2.78	76.79	1491.4	.070	1.13	1.14	20.3	23.8	.233	.232	231	12.8	1.9	.99	.91	1.15	1.04	D
424	1327	1503.0	17.2	158	218	112	5.91	220.6	2.90	2.67	79.65	1493.5	.070	1.13	1.14	20.4	23.5	.226	.236	232	12.9	2.0	.98	.91	1.15	1.04	D
425	1329	1504.0	23.0	189	252	111	7.53	219.9	2.95	2.91	76.63	1493.5	.080	1.13	1.14	20.4	23.5	.197	.236	233	12.9	2.0	.98	.91	1.15	1.04	D
426	1331	1505.1	33.9	166	236	112	6.22	220.6	2.95	2.85	76.00	1493.5	.080	1.13	1.14	20.4	23.5	.221	.237	234	13.0	2.0	.85	.91	1.15	1.04	D
427	1333	1506.1	33.1	176	257	111	7.33	209.6	2.90	2.81	76.00	1493.6	.080	1.12	1.14	20.5	23.5	.232	.233	235	13.0	2.0	.89	.90	1.15	1.04	D
428	1335	1507.0	29.2	183	245	111	6.83	209.6	2.86	2.76	76.00	1494.3	.080	1.13	1.14	20.5	23.5	.233	.232	236	13.0	2.0	.90	.90	1.15	1.04	D
429	1338	1508.0	25.4	182	243	111	6.99	210.3	2.87	2.72	76.00	1495.4	.070	1.13	1.14	20.5	23.4	.234	.231	237	13.1	2.0	.94	.90	1.15	1.04	D
430	1341	1509.0	17.9	183	239	111	6.73	213.7	2.87	2.72	76.00	1496.6	.070	1.13	1.14	20.6	23.4	.234	.232	238	13.1	2.0	1.00	.91	1.15	1.04	D
431	1344	1510.1	21.2	168	222	112	5.80	215.1	2.87	2.71	76.15	1497.8	.080	1.13	1.14	20.6	23.4	.234	.232	239	13.2	2.0	.94	.91	1.15	1.04	D
432	1347	1511.1	23.2	190	248	111	8.25	217.2	2.87	2.69	76.00	1499.1	.070	1.14	1.14	20.6	23.3	.235	.234	240	13.2	2.0	1.00	.91	1.15	1.04	D
433	1350	1512.1	21.4	170	261	111	6.54	214.4	2.86	2.66	76.00	1500.2	.070	1.13	1.14	20.7	23.3	.235	.233	241	13.3	2.0	.96	.91	1.15	1.04	D
438	1443	1513.6	50.2	189	241	114	6.44	215.8	2.87	2.65	77.74	1501.9	.060	1.13	1.14	20.4	22.9	.234	.254	243	13.6	2.0	.78	.91	1.16	1.04	D
439	1449	1514.0	22.9	174	241	115	4.84	211.0	2.85	2.66	76.31	1501.9	.070	1.12	1.14	20.3	23.0	.234	.258	243	13.7	2.0	.89	.91	1.16	1.04	D
440	1452	1515.0	28.7	186	247	115	6.22	211.7	2.85	2.76	75.84	1501.9	.090	1.12	1.14	20.3	23.0	.235	.265	244	13.7	2.0	.89	.91	1.16	1.04	D
441	1454	1516.1	35.7	175	255	116	6.19	211.7	2.84	2.84	75.52	1501.9	.100	1.12	1.14	20.3	22.9	.235	.275	245	13.7	2.0	.85	.91	1.16	1.04	D
442	1457	1517.0	23.3	160	244	115	5.15	213.7	2.85	2.96	75.04	1501.9	.220	1.12	1.14	20.2	22.9	.235	.301	246	13.8	2.0	.90	.90	1.16	1.05	D
443	1459	1518.0	22.8	182	242	115	6.90	212.4	2.84	2.87	74.88	1501.9	.190	1.12	1.14	20.2	22.9	.234	.315	247	13.8	2.0	.96	.91	1.16	1.05	D
444	1500	1519.0	40.1	189	250	114	7.31	211.7	2.84	2.82	75.04	1501.9	.180	1.11	1.14	20.1	22.9	.235	.322	248	13.8	2.0	.85	.90	1.16	1.05	D
445	1503	1520.0	26.6	182	249	116	7.52	212.4	2.84	2.98	74.72	1501.9	.150	1.12	1.14	20.1	22.8	.235	.354	249	13.9	2.0	.95	.90	1.15	1.05	D
446	1505	1521.1	31.5	173	246	115	7.43	212.4	2.84	2.84	74.72	1503.7	.160	1.12	1.14	20.1	22.7	.234	.377	250	13.9	2.0	.91	.90	1.15	1.05	D
447	1507	1522.1	27.4	182	243	115	7.73	212.4	2.84	2.84	74.57	1505.8	.160	1.11	1.14	20.1	22.7	.234	.381	251	14.0	2.0	.95	.90	1.15	1.05	D
448	1520	1523.0	17.8	178	238	114	7.88	212.4	2.85	2.77	76.47	1512.4	.080	1.14	1.14	20.2	22.4	.234	.408	252	14.1	2.0	1.06	.90	1.14	1.05	D
449	1523	1524.0	24.8	196	275	112	8.87	213.0	2.86	2.80	74.72	1512.4	.080	1.13	1.14	20.2	22.3	.234	.420	253	14.1	2.1	1.01	.91	1.14	1.05	D
450	1525	1525.1	25.4	195	272	112	8.42	209.6	2.85	2.75	74.72	1512.4	.110	1.13	1.14	20.2	22.3	.234	.421	254	14.1	2.1	.99	.91	1.14	1.05	D
451	1528	1526.0	20.8	186	253	111	7.43	210.3	2.84	2.71	75.04	1512.4	.120	1.13	1.14	20.3	22.2	.234	.420	255	14.2	2.1	1.00	.91	1.14	1.04	D
452	1530	1527.0	31.4	175	236	112	7.24	210.3	2.83	2.79	75.20	1512.4	.140	1.13	1.14	20.3	22.2	.234	.421	256	14.2	2.1	.91	.91	1.14	1.05	D
453	1533	1528.0	19.0	177	240	111	7.19	210.3	2.83	2.75	75.04	1513.7	.140	1.13	1.14	20.3	22.1	.234	.420	257	14.3	2.1	1.02	.91	1.14	1.04	D
454	1536	1529.0	26.1	191	272	110	8.11	210.3	2.83	2.89	75.04	1514.7	.130	1.13	1.14	20.3	22.1	.235	.420	258	14.3	2.1	.97	.91	1.14	1.04	D
455	1538	1530.1	36.2	171	260	110	7.44	211.7	2.83	2.85	75.04	1515.3	.130	1.13	1.14	20.4	22.0	.234	.420	259	14.3	2.1	.88	.91	1.14	1.04	D
456	1541	1531.0	18.3	171	237	117	7.16	211.7	2.83	2.77	75.20	1516.5	.130	1.14	1.14	20.4	22.0	.234	.423	260	14.4	2.1	1.03	.91	1.15	1.04	D
457	1543	1532.0	25.9	186	248	117	7.96	211.7	2.84	2.76	75.20	1517.4	.120	1.13	1.14	20.4	21.9	.235	.431	261	14.4	2.1	.98	.91	1.15	1.04	D
458	1601	1533.1	23.5	159	243	114	6.44	204.8	2.79	2.85	76.95	1522.3	.080	1.13	1.14	20.3	23.9	.234	.232	262	14.6	2.1	.95	.91	1.15	1.04	D
459	1603	1534.0	26.9	190	257	113	6.67	207.5	2.80	2.74	76.31	1522.5	.080	1.13	1.14	20.4	22.3	.234	.236	263	14.6	2.1	.92	.91	1.15	1.04	D
460	1604	1535.1	46.4	176	265	113	5.57	203.9	2.81	2.88	76.47	1522.5	.070	1.12	1.14	20.4	22.9	.233	.235	264	14.6	2.1	.77	.91	1.15	1.04	D
461	1607	1536.0	22.1	176	250	114	5.25	208.9	2.81	2.75	76.47	1522.7	.070	1.12	1.14	20.4	23.3	.232	.233	265	14.7	2.1	.91	.91	1.15	1.04	D
462	1610	1537.1	19.9	172	239	113	5.53	208.2	2.81	2.75	76.95	1524.1	.070	1.13	1.14	20.4	23.6	.232	.236	266	14.7	2.1	.94	.91	1.15	1.04	D
463	1612	1538.2	38.6	182	276	113	5.79	208.2	2.82	2.94	77.27	1524.9	.070	1.13	1.14	20.4	24.3	.233	.237	267	14.8	2.1	.82	.91	1.15	1.04	D
464	1615	1539.1	19.6	178	247	114	5.27	207.5	2.81	2.79	77.90	1525.8	.080	1.12	1.14	20.4	24.3	.232	.238	268	14.8	2.2	.94	.91	1.15	1.04	D
465	1618	1540.0	20.7	176	242	113	4.97	206.9	2.80	2.76	78.22	1526.9	.070	1.13	1.14	20.4	24.5	.232	.237	269	14.9	2.2	.91	.91	1.15	1.05	D
466	1623	1541.0	13.9	151	260	114	3.37	206.2	2.81	2.84	78.70	1528.9	.070	1.13	1.14	20.4	24.6	.232	.239	270	14.9	2.2	.92	.91	1.15	1.05	D
467	1641	1542.0	16.3	166	242	111	4.99	208.9	2.85	2.93	81.40	1532.2	.130	1.13	1.14	20.4	23.3	.232	.245	271	15.1	2.2	.96	.91	1.15	1.05	D
468	1644	1543.1	25.0	170	263	110	6.04	208.2	2.84	2.87	80.92	1532.2	.130	1.13	1.14	20.4	23.9	.231	.241	272	15.1	2.2	.91	.91	1.15	1.05	D
469	1648	1544.0	20.7	164	253	109	6.98	212.4	2.85	2.91	81.24	1532.6	.120	1.13	1.14	20.4	24.1	.232	.240	273	15.2	2.2	.95	.91	1.15	1.05	D
470	1650	1545.0	27.0	177	247	110	7.38	211.7	2.85	2.80	81.40	1533.6	.120	1.13	1.14	20.5	24.6	.232	.239	274	15.2	2.2	.94	.91	1.15	1.05	D
471	1652	1546.0	32.7	189	254	110	7.68	210.3	2.85	2.85	81.40	1534.8	.100	1.13	1.14	20.5	24.6	.232	.237	275	15.3	2.2	.90	.91	1.15	1.05	D

STATOIL : 15/9-18

Data Printed at time 14:04 Date Feb 24 '84
Data Received at time 16:54 Date Dec 31 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	WXB	ECD	WXTD	
472	1654	1547.1	37.6	186	256	109	6.89	209.6	2.85	2.76	81.72	1535.2	.100	1.13	1.14	20.5	24.5	.232	.235	276	15.3	2.2	.95	.91	1.15	1.05	D
473	1656	1548.0	31.9	199	270	110	6.18	209.6	2.84	2.92	82.20	1536.0	.100	1.13	1.14	20.5	24.8	.230	.235	277	15.3	2.2	.86	.91	1.15	1.05	D
474	1659	1549.1	21.6	169	253	110	5.98	209.6	2.85	2.71	82.51	1537.5	.080	1.13	1.14	20.5	24.7	.226	.236	278	15.4	2.2	.94	.91	1.15	1.05	D
475	1701	1550.0	25.9	160	233	111	4.71	210.3	2.84	2.80	82.67	1538.2	.070	1.14	1.14	20.5	24.8	.228	.235	279	15.4	2.2	.85	.90	1.15	1.06	D
476	1704	1551.0	26.1	163	233	110	5.40	210.3	2.84	2.84	82.99	1539.2	.070	1.14	1.14	20.5	24.7	.231	.234	280	15.5	2.2	.88	.90	1.15	1.06	D
477	1721	1552.0	36.0	177	248	110	6.06	199.9	2.81	2.89	84.74	1541.1	.060	1.14	1.14	20.6	23.8	.231	.236	281	15.6	2.2	.83	.90	1.15	1.06	D
478	1723	1553.0	39.3	166	251	110	4.70	200.6	2.76	2.81	85.22	1541.4	0.00	1.13	1.14	20.7	24.6	.231	.234	282	15.6	2.2	.77	.90	1.15	1.06	D
479	1726	1554.0	24.9	183	265	108	6.55	199.3	2.76	2.67	86.17	1541.9	.040	1.14	1.14	20.7	24.7	.231	.233	283	15.7	2.2	.92	.90	1.15	1.06	D
480	1727	1555.0	45.4	185	267	109	6.86	199.9	2.76	2.67	86.33	1542.4	.060	1.14	1.14	20.7	24.7	.231	.233	284	15.7	2.3	.80	.90	1.15	1.06	D
481	1729	1556.0	38.7	193	280	109	7.57	199.9	2.76	2.72	86.49	1543.2	.060	1.14	1.14	20.7	24.8	.231	.232	285	15.7	2.3	.86	.90	1.16	1.06	D
482	1731	1557.0	26.5	189	270	110	7.12	199.9	2.76	2.70	86.97	1543.7	.060	1.13	1.14	20.7	24.7	.230	.232	286	15.8	2.3	.93	.90	1.16	1.06	D
483	1734	1558.0	28.6	177	248	110	6.55	200.6	2.77	2.71	87.44	1544.5	.060	1.14	1.14	20.7	24.9	.231	.232	287	15.8	2.3	.89	.90	1.16	1.06	D
484	1736	1559.0	24.4	194	330	110	7.30	200.6	2.76	2.69	87.76	1546.0	.070	1.14	1.14	20.8	24.9	.231	.232	288	15.8	2.3	.95	.90	1.16	1.06	D
485	1739	1560.0	25.5	179	249	111	5.88	199.3	2.77	2.75	88.08	1547.4	.070	1.13	1.14	20.8	24.7	.231	.232	289	15.9	2.3	.90	.90	1.16	1.07	D
486	1756	1561.1	18.6	165	231	113	5.01	196.5	2.76	2.84	89.67	1550.8	.090	1.13	1.14	20.8	24.3	.230	.236	290	16.0	2.3	.93	.90	1.15	1.07	D
487	1758	1562.0	32.5	205	254	124	6.58	197.2	2.76	2.71	89.03	1550.8	.070	1.13	1.14	20.8	24.1	.230	.235	291	16.0	2.3	.89	.90	1.15	1.07	D
488	1800	1563.1	32.4	161	259	124	3.80	196.5	2.77	2.75	89.19	1550.8	.090	1.13	1.14	20.8	24.1	.230	.232	292	16.1	2.3	.79	.90	1.16	1.07	D
489	1803	1564.0	26.3	170	253	124	4.12	193.7	2.76	2.72	90.15	1550.8	.100	1.13	1.14	20.8	24.1	.230	.232	293	16.1	2.3	.85	.90	1.16	1.07	D
490	1805	1565.0	30.0	166	252	124	3.86	196.5	2.76	2.78	90.78	1551.3	.100	1.13	1.14	20.8	24.1	.230	.231	294	16.2	2.3	.81	.90	1.16	1.07	D
491	1808	1566.0	21.0	186	262	123	5.05	196.5	2.76	2.88	91.26	1552.7	.080	1.13	1.14	20.8	24.1	.229	.231	295	16.2	2.3	.93	.90	1.15	1.07	D
492	1811	1567.1	40.9	146	244	124	3.33	197.2	2.77	2.96	91.74	1553.8	.080	1.13	1.14	20.8	24.1	.230	.231	296	16.3	2.3	.73	.90	1.15	1.07	D
493	1814	1568.0	26.3	171	254	122	4.39	199.9	2.77	2.99	91.89	1555.7	.060	1.13	1.14	20.8	24.0	.230	.234	297	16.3	2.3	.86	.89	1.15	1.07	D
494	1817	1569.0	19.2	181	251	125	6.39	199.3	2.77	2.74	92.21	1557.2	.080	1.13	1.14	20.9	24.0	.230	.238	298	16.4	2.3	1.00	.90	1.15	1.07	D
495	1822	1570.0	17.4	168	352	123	6.02	202.7	2.76	2.81	92.85	1558.7	.070	1.13	1.14	20.9	24.0	.230	.242	299	16.4	2.3	1.01	.90	1.15	1.07	D
496	1836	1571.2	20.0	165	249	120	4.31	191.7	2.72	2.89	96.51	1560.5	.060	1.13	1.14	20.9	23.7	.230	.276	300	16.6	2.4	.91	.90	1.15	1.07	D
497	1838	1572.0	32.6	163	262	113	5.15	191.7	2.73	2.73	94.44	1560.5	.050	1.13	1.14	20.9	23.7	.229	.310	301	16.6	2.4	.83	.90	1.15	1.07	D
498	1840	1573.0	37.0	173	289	111	5.34	192.4	2.74	2.74	95.07	1560.5	.050	1.13	1.14	20.8	23.7	.229	.306	302	16.6	2.4	.81	.90	1.15	1.07	D
499	1843	1574.0	20.8	168	249	112	5.12	196.5	2.76	2.76	95.71	1561.5	.060	1.13	1.14	20.9	23.7	.229	.305	303	16.7	2.4	.92	.90	1.15	1.07	D
500	1846	1575.0	24.7	177	241	113	5.28	195.1	2.76	2.89	96.03	1562.5	.070	1.13	1.14	20.8	23.6	.230	.327	304	16.7	2.4	.89	.90	1.15	1.07	D
501	1849	1576.1	20.7	163	256	112	4.91	195.8	2.76	2.76	96.51	1563.8	.080	1.13	1.14	20.8	23.6	.229	.324	305	16.8	2.4	.91	.89	1.15	1.07	D
502	1852	1577.0	24.1	163	276	111	4.10	197.2	2.76	2.76	96.98	1565.0	.070	1.14	1.14	20.8	23.6	.229	.331	306	16.8	2.4	.84	.89	1.15	1.08	D
503	1855	1578.0	27.2	166	256	112	4.52	196.5	2.76	2.76	97.14	1566.1	.070	1.13	1.14	20.8	23.5	.229	.326	307	16.9	2.4	.84	.89	1.15	1.08	D
504	1857	1579.0	32.5	178	257	112	4.93	197.9	2.77	2.77	97.62	1566.9	.070	1.14	1.14	20.8	23.5	.229	.354	308	16.9	2.4	.82	.89	1.15	1.08	D
505	1902	1580.0	10.8	179	256	112	6.23	196.5	2.76	2.89	98.25	1568.3	.080	1.13	1.14	20.8	23.5	.229	.363	309	17.0	2.4	1.09	.89	1.15	1.08	D
+ Drop survey and wiper trip.																											
507	2121	1581.3	64.4	208	284	112	6.81	195.1	2.74	2.74	98.41	1574.5	.040	1.13	1.14	20.4	13.9	.229	.263	310	17.1	2.4	.74	.89	1.15	1.08	D
508	2122	1582.0	28.2	215	294	110	6.70	201.3	2.74	2.94	95.55	1574.5	.040	1.13	1.14	20.4	9.7	.229	.279	311	17.2	2.4	.91	.89	1.15	1.08	D
509	2124	1583.0	47.7	202	314	112	6.66	197.2	2.74	2.95	94.76	1574.5	.050	1.13	1.14	20.4	9.7	.229	.264	312	17.2	2.4	.80	.89	1.15	1.08	D
510	2127	1584.1	30.8	189	283	112	5.74	196.5	2.74	2.74	93.64	1574.5	.070	1.12	1.14	20.4	15.6	.229	.210	313	17.3	2.4	.86	.89	1.15	1.08	D
511	2129	1585.1	29.6	178	255	112	5.18	197.2	2.75	2.82	93.17	1574.5	.060	1.13	1.14	20.3	22.2	.229	.199	314	17.3	2.4	.85	.89	1.15	1.09	D
512	2133	1586.1	20.0	206	283	112	6.46	196.5	2.75	2.84	92.53	1574.5	.080	1.13	1.14	20.2	23.4	.230	.209	315	17.4	2.5	.98	.89	1.15	1.09	D
513	2135	1587.0	36.4	197	292	111	6.27	197.2	2.75	2.75	92.21	1574.5	.090	1.13	1.14	20.1	24.1	.230	.214	316	17.4	2.5	.84	.93	1.15	1.09	D
514	2137	1588.0	21.5	189	270	111	5.64	196.5	2.75	2.89	91.74	1574.5	.170	1.12	1.14	19.9	24.2	.231	.223	317	17.4	2.5	.93	.88	1.15	1.09	D
515	2140	1589.0	25.4	173	272	111	4.15	197.2	2.75	2.75	91.42	1574.5	.170	1.12	1.14	19.7	24.2	.232	.227	318	17.5	2.5	.84	.88	1.15	1.09	D
516	2158	1590.0	32.2	157	261	110	3.05	196.5	2.75	2.91	89.67	1577.8	.130	1.12	1.14	19.3	22.8	.230	.227	319	17.6	2.5	.74	.88	1.15	1.09	D
517	2206	1591.1	27.5	132	256	111	3.97	191.0	2.68	2.68	92.21	1579.3	.130	1.13	1.14	19.4	23.7	.230	.229	320	17.7	2.5	.82	.83	1.15	1.09	D
518	2209	1592.1	22.2	178	262	112	3.85	191.0	2.70	2.73	89.67	1580.2	.160	1.13	1.14	19.4	23.5	.230	.229	321	17.7	2.5	.85	.83	1.15	1.10	D
519	2214	1593.0	34.5	166	275	112	2.73	195.1	2.73	2.75	88.87	1582.5	.060	1.13	1.14	19.6	23.1	.230	.238	322	17.8	2.5	.72	.88	1.15	1.10	D
520	2216	1594.2	63.7	184	284	112	5.27	195.8	2.74	2.74	88.56	1583.1	.100	1.13	1.14	19.6	23.6	.230	.235	323	17.8	2.5	.78	.88	1.15	1.10	D
521	2219	1595.1	36.3	177	251	113	5.24	201.3	2.77	2.87	88.40	1584.1	.070	1.13	1.14	19.7	23.8	.230	.228	324	17.9	2.5	.81	.88	1.15	1.10	D

STATOIL : 15/9-18

Data Printed at time 14:10 Date Feb 24 '84
Data Recorded at time 22:21 Date Dec 31 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TVI	DXC	NXB	ECD	NXHD	
522	2221	1596.0	28.9	214	319	111	7.23	199.9	2.78	2.80	88.03	1585.1	.070	1.13	1.14	19.7	24.0	.230	.226	325	17.9	2.5	.92	.83	1.15	1.10	D
523	2223	1597.1	30.4	196	290	112	5.89	201.3	2.77	2.78	88.03	1585.6	.080	1.13	1.14	19.8	24.1	.229	.225	326	17.9	2.5	.87	.83	1.15	1.10	D
524	2225	1598.1	27.6	193	285	111	6.91	201.3	2.77	2.67	87.76	1586.7	.090	1.13	1.14	19.8	24.1	.230	.226	327	18.0	2.5	.92	.83	1.15	1.10	D
525	2227	1599.0	40.8	196	295	112	6.32	202.0	2.78	2.78	87.76	1587.4	.070	1.13	1.14	19.9	24.2	.230	.226	328	18.0	2.5	.82	.83	1.15	1.10	D
526	2243	1600.0	22.2	186	278	104	6.09	198.6	2.75	2.62	88.71	1589.0	.050	1.13	1.14	20.0	22.2	.230	.232	329	18.1	2.5	.92	.83	1.15	1.10	D
527	2246	1601.0	36.2	201	314	109	5.67	197.9	2.75	2.77	87.44	1589.0	.050	1.13	1.14	20.0	21.6	.230	.233	330	18.2	2.5	.82	.83	1.15	1.10	D
528	2248	1602.2	55.6	206	314	111	6.22	198.6	2.75	2.90	87.13	1589.0	.050	1.12	1.14	20.0	22.9	.230	.226	331	18.2	2.5	.75	.83	1.15	1.10	D
529	2250	1603.0	22.7	185	299	111	5.11	198.6	2.74	2.80	86.81	1589.5	.050	1.13	1.14	20.1	23.8	.230	.223	332	18.2	2.5	.89	.88	1.15	1.10	D
530	2252	1604.0	49.1	200	288	111	5.62	197.9	2.75	2.74	86.97	1589.8	.060	1.13	1.14	20.1	23.9	.230	.222	333	18.3	2.5	.76	.88	1.15	1.10	D
531	2255	1605.0	30.8	195	276	111	5.12	198.6	2.75	2.86	86.65	1590.6	.050	1.13	1.14	20.1	24.1	.230	.222	334	18.3	2.6	.84	.87	1.15	1.11	D
532	2259	1606.0	25.0	170	289	110	3.74	198.6	2.75	2.83	86.49	1591.5	.050	1.13	1.14	20.1	24.1	.230	.224	335	18.4	2.6	.82	.87	1.15	1.11	D
533	2300	1607.0	25.2	179	264	111	3.84	198.6	2.74	2.73	86.49	1592.5	.050	1.13	1.14	20.1	24.0	.230	.226	336	18.4	2.6	.82	.87	1.15	1.11	D
534	2302	1608.0	59.4	174	298	111	4.51	198.6	2.75	2.75	86.49	1592.8	.060	1.13	1.14	20.1	24.0	.230	.226	337	18.4	2.6	.63	.87	1.15	1.11	D
535	2306	1609.0	23.7	188	330	111	4.47	198.6	2.75	2.75	86.01	1593.7	.060	1.13	1.14	20.2	24.1	.230	.226	338	18.5	2.6	.86	.87	1.15	1.11	D
536	2322	1610.1	62.9	181	287	111	5.80	201.3	2.75	2.75	85.22	1598.1	.070	1.14	1.14	20.2	23.2	.229	.230	339	18.6	2.6	.71	.87	1.15	1.11	D
537	2327	1611.0	21.4	181	304	110	4.17	198.6	2.76	2.95	84.58	1599.0	.080	1.12	1.14	20.3	23.3	.230	.227	340	18.6	2.6	.87	.87	1.15	1.11	D
538	2329	1612.0	29.0	164	250	110	2.70	199.3	2.76	2.84	83.95	1599.0	.070	1.12	1.14	20.3	23.8	.229	.225	341	18.7	2.6	.74	.87	1.15	1.11	D
539	2332	1613.0	23.9	191	398	110	4.73	199.9	2.76	2.74	84.10	1599.6	.080	1.12	1.14	20.3	23.3	.230	.226	342	18.7	2.6	.87	.87	1.15	1.12	D
540	2334	1614.2	38.0	170	249	111	3.35	200.6	2.76	2.76	84.26	1600.7	.060	1.12	1.14	20.4	24.1	.230	.226	343	18.8	2.6	.73	.87	1.15	1.12	D
541	2335	1615.2	63.5	173	279	110	4.64	202.0	2.77	2.77	84.42	1601.5	.070	1.12	1.14	20.4	24.2	.230	.226	344	18.8	2.6	.67	.87	1.15	1.12	D
542	2339	1616.0	25.1	180	325	112	4.51	202.0	2.76	2.76	84.26	1602.9	.080	1.13	1.14	20.4	23.7	.219	.227	345	18.8	2.6	.85	.87	1.15	1.12	D
543	2342	1617.0	25.0	162	299	112	3.51	201.3	2.76	2.84	83.95	1604.7	.070	1.12	1.14	20.4	23.6	.207	.228	346	18.9	2.6	.81	.87	1.15	1.12	D
544	2346	1618.0	17.9	153	285	111	2.40	202.0	2.77	2.77	83.79	1605.9	.060	1.12	1.14	20.5	23.4	.198	.227	347	19.0	2.6	.81	.87	1.15	1.12	D
	Date	Jan 1 '84																									
545	0034	1619.0	26.3	162	302	105	3.99	204.1	2.75	2.80	84.58	1609.1	.040	1.12	1.14	20.5	23.3	.216	.226	348	19.1	2.6	.82	.87	1.14	1.12	D
546	0037	1620.0	33.0	180	255	112	3.42	202.7	2.75	2.71	84.58	1609.1	.060	1.12	1.14	20.5	23.3	.218	.224	349	19.1	2.6	.76	.87	1.14	1.12	D
547	0011	1621.0	19.9	173	259	112	3.47	206.8	2.75	2.75	84.90	1609.3	.060	1.12	1.14	20.5	23.3	.224	.225	350	19.2	2.6	.86	.86	1.15	1.12	D
548	0014	1622.0	22.4	194	289	112	5.45	208.9	2.75	2.75	84.74	1610.3	.070	1.13	1.14	20.5	23.3	.223	.225	351	19.2	2.6	.92	.86	1.14	1.12	D
549	0016	1623.1	41.3	161	257	113	4.20	203.9	2.74	2.74	85.22	1610.9	.060	1.13	1.14	20.5	23.1	.226	.226	352	19.3	2.7	.75	.87	1.14	1.12	D
550	0020	1624.1	23.1	180	288	111	4.66	204.1	2.74	2.88	85.54	1612.4	.060	1.14	1.14	20.5	23.0	.228	.226	353	19.3	2.7	.88	.86	1.14	1.12	D
551	0022	1625.0	29.1	172	278	113	4.48	204.1	2.74	2.76	85.69	1613.4	.080	1.13	1.14	20.5	23.1	.229	.227	354	19.4	2.7	.83	.86	1.14	1.13	D
552	0025	1626.0	31.5	174	249	112	3.95	205.5	2.75	2.98	85.69	1615.1	.060	1.14	1.14	20.5	23.1	.228	.229	355	19.4	2.7	.79	.86	1.14	1.13	D
553	0029	1627.0	18.0	171	259	112	4.41	202.0	2.74	2.87	85.85	1616.1	.070	1.14	1.14	20.6	23.1	.228	.231	356	19.5	2.7	.92	.86	1.14	1.13	D
554	0053	1628.2	21.1	150	239	108	4.73	196.5	2.73	2.73	91.26	1618.0	.210	1.13	1.14	20.6	22.6	.207	.366	357	19.7	2.7	.89	.86	1.15	1.13	D
555	0103	1629.0	17.8	163	273	112	4.31	198.6	2.76	2.78	88.24	1619.5	.180	1.12	1.14	20.6	22.5	.209	.377	358	19.8	2.7	.91	.86	1.15	1.13	D
556	0108	1630.0	18.7	138	354	112	3.79	199.3	2.76	2.80	87.92	1621.0	.170	1.12	1.12	20.6	22.5	.216	.397	359	19.8	2.7	.88	.86	1.15	1.13	D
557	0112	1631.1	16.0	138	224	112	3.68	199.3	2.76	2.72	88.08	1622.1	.160	1.12	1.13	20.6	22.5	.221	.411	360	19.9	2.7	.90	.86	1.15	1.13	D
558	0117	1632.0	12.1	146	220	112	3.94	199.3	2.76	2.68	87.92	1624.0	.130	1.13	1.13	20.5	22.4	.227	.421	361	20.0	2.7	.97	.86	1.15	1.13	D
559	0121	1633.0	14.9	142	215	111	3.34	200.6	2.76	2.69	88.08	1625.5	.130	1.13	1.13	20.5	22.4	.230	.421	362	20.1	2.7	.90	.86	1.15	1.13	D
560	0126	1634.1	15.5	148	233	111	3.27	200.6	2.76	2.86	87.92	1626.9	.140	1.13	1.13	20.6	22.4	.230	.426	363	20.2	2.7	.89	.86	1.15	1.13	D
561	0131	1635.0	13.0	149	259	112	3.56	200.6	2.76	2.77	88.24	1627.8	.140	1.13	1.13	20.6	22.3	.230	.427	364	20.2	2.7	.94	.85	1.15	1.13	D
562	0136	1636.0	12.9	146	253	112	4.11	200.6	2.76	2.73	88.56	1627.8	.120	1.13	1.13	20.7	22.2	.230	.434	365	20.3	2.7	.97	.86	1.15	1.13	D
563	0140	1637.0	13.5	156	241	112	5.08	202.0	2.76	2.71	88.71	1627.8	.090	1.13	1.13	20.7	22.2	.230	.433	366	20.4	2.8	1.03	.86	1.15	1.13	D
564	0202	1638.0	22.9	146	248	104	6.36	199.9	2.74	2.65	91.10	1629.5	.060	1.13	1.12	20.7	22.2	.229	.247	367	20.5	2.8	.93	.87	1.15	1.13	D
565	0205	1639.0	22.8	171	261	111	6.23	199.3	2.74	2.76	87.60	1630.0	.060	1.13	1.13	20.7	22.6	.229	.252	368	20.6	2.9	.94	.87	1.15	1.13	D
566	0208	1640.0	19.3	168	247	111	7.45	200.6	2.73	2.64	87.28	1630.8	.070	1.12	1.12	20.7	21.3	.228	.245	369	20.6	2.8	1.02	.87	1.15	1.13	D
567	0211	1641.1	18.9	162	238	111	7.97	201.3	2.74	2.61	87.60	1631.4	.060	1.13	1.13	20.7	24.1	.223	.241	370	20.7	2.8	1.04	.87	1.15	1.13	D
568	0215	1642.0	20.9	163	249	112	7.90	199.9	2.74	2.72	87.60	1632.1	.070	1.13	1.13	20.7	24.2	.228	.244	371	20.7	2.8	1.02	.87	1.15	1.13	D
569	0217	1643.0	37.8	162	240	112	6.94	199.9	2.74	2.78	88.08	1632.5	.060	1.12	1.13	20.7	24.3	.227	.245	372	20.8	2.8	.83	.86	1.15	1.13	D
570	0222	1644.1	15.1	161	259	111	6.80	199.3	2.74	2.71	88.24	1633.6	.060	1.13	1.14	20.6	24.4	.227	.246	373	20.8	2.8	1.05	.86	1.15	1.13	D

STATOIL : 15/9-13

Data Printed at time 14:16 Date Feb 24 '84
Data Received at time 02:24 Date Jan 1 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	WXB	ECD	WXMD	
571	0224	1645.0	19.5	177	246	112	8.12	199.9	2.74	2.60	88.71	1634.3	.070	1.13	1.14	20.6	24.6	.040	.245	374	20.9	2.8	1.04	.86	1.15	1.13	D
572	0228	1646.0	18.7	174	267	112	7.89	198.6	2.74	2.73	88.87	1635.0	.080	1.13	1.13	20.6	24.5	.042	.245	375	20.9	2.8	1.04	.86	1.15	1.13	D
573	0231	1647.0	20.9	174	246	111	7.52	199.9	2.75	2.63	88.87	1635.8	.090	1.12	1.13	20.6	24.7	.041	.246	376	21.0	2.8	1.00	.86	1.15	1.13	D
574	0249	1648.0	24.3	167	258	112	7.25	202.7	2.77	2.72	90.94	1637.4	.080	1.13	1.14	20.6	23.9	.040	.246	377	21.1	2.8	.96	.87	1.15	1.13	D
575	0252	1649.1	22.6	176	267	111	7.62	201.3	2.77	2.70	90.30	1637.6	.080	1.13	1.13	20.7	23.5	.040	.245	378	21.1	2.8	.99	.87	1.15	1.13	D
576	0255	1650.0	25.3	179	269	110	7.73	202.0	2.76	2.73	90.15	1638.4	.080	1.13	1.14	20.7	24.4	.041	.238	379	21.2	2.8	.96	.87	1.15	1.12	D
577	0253	1651.0	19.1	182	261	112	7.52	202.0	2.77	2.77	90.30	1639.6	.060	1.13	1.14	20.7	24.5	.040	.237	380	21.2	2.8	1.02	.87	1.15	1.12	D
578	0301	1652.0	23.7	168	246	111	7.63	202.0	2.76	2.74	90.62	1640.3	.080	1.13	1.14	20.7	24.7	.041	.236	381	21.3	2.9	.98	.87	1.15	1.12	D
579	0304	1653.0	25.3	158	244	110	6.95	201.3	2.76	2.91	90.78	1641.4	.060	1.13	1.14	20.7	24.6	.039	.235	382	21.3	2.9	.94	.87	1.15	1.12	D
580	0307	1654.0	21.8	149	252	112	6.34	201.3	2.76	2.73	91.10	1642.5	.070	1.13	1.14	20.8	24.7	.039	.234	383	21.4	2.9	.95	.87	1.15	1.12	D
581	0315	1655.1	8.3	160	230	112	7.57	201.3	2.77	2.69	91.58	1644.4	.090	1.13	1.14	20.8	24.8	.038	.233	384	21.5	2.9	1.21	.87	1.15	1.12	D
582	0318	1656.0	14.8	165	239	112	7.88	200.6	2.76	2.74	91.89	1645.6	.080	1.13	1.13	20.8	24.8	.039	.233	385	21.6	2.9	1.09	.87	1.15	1.12	D
583	0334	1657.0	17.5	173	226	113	7.67	196.5	2.70	2.55	96.82	1647.0	.080	1.13	1.15	20.8	24.3	.042	.236	386	21.7	2.9	1.05	.87	1.15	1.12	D
584	0337	1658.0	21.4	182	251	113	8.72	199.3	2.74	2.55	94.44	1647.0	.060	1.13	1.15	20.8	22.4	.048	.236	387	21.7	2.9	1.04	.87	1.15	1.12	D
585	0341	1659.0	16.3	206	303	113	9.43	197.2	2.72	2.60	94.12	1647.7	.070	1.13	1.15	21.0	23.9	.049	.235	388	21.8	2.9	1.12	.87	1.15	1.12	D
586	0344	1660.0	21.7	172	250	112	8.80	199.3	2.73	2.64	94.44	1648.7	.070	1.13	1.14	20.9	24.3	.047	.227	389	21.8	2.9	1.03	.87	1.15	1.12	D
587	0347	1661.1	19.2	169	258	112	8.40	198.6	2.74	2.62	94.44	1650.1	.070	1.13	1.13	20.9	24.5	.047	.226	390	21.9	2.9	1.05	.88	1.15	1.12	D
588	0349	1662.0	22.1	173	250	113	8.55	199.9	2.73	2.62	94.92	1650.7	.080	1.13	1.14	20.9	24.7	.046	.225	391	21.9	2.9	1.02	.88	1.15	1.12	D
589	0352	1663.1	22.6	179	236	112	8.30	198.6	2.74	2.70	94.92	1651.6	.080	1.13	1.14	20.8	24.7	.046	.226	392	22.0	2.9	1.01	.88	1.15	1.12	D
590	0355	1664.0	18.8	165	246	113	7.53	198.6	2.73	2.65	95.39	1652.7	.070	1.13	1.14	20.8	24.7	.046	.227	393	22.0	2.9	1.03	.88	1.15	1.12	D
591	0359	1665.0	15.0	164	236	113	7.97	198.6	2.74	2.58	95.87	1653.8	.060	1.14	1.14	20.8	24.7	.050	.227	394	22.1	2.9	1.09	.88	1.15	1.12	D
592	0402	1666.0	15.7	167	256	113	8.32	198.6	2.73	2.78	96.03	1654.2	.070	1.13	1.14	20.8	24.7	.051	.227	395	22.1	2.9	1.10	.88	1.15	1.12	D
593	0419	1667.2	20.5	153	263	111	8.49	203.4	2.76	2.60	98.41	1656.1	.080	1.13	1.14	20.8	23.6	.050	.229	396	22.2	3.0	1.04	.88	1.15	1.12	D
594	0422	1668.0	15.6	183	271	111	9.11	202.0	2.76	2.67	96.82	1656.7	.080	1.13	1.14	20.8	23.0	.048	.229	397	22.3	3.0	1.12	.88	1.15	1.12	D
595	0425	1669.1	22.1	186	257	111	8.79	202.0	2.77	2.64	96.82	1656.7	.060	1.13	1.14	20.8	24.2	.045	.224	398	22.3	3.0	1.03	.88	1.15	1.12	D
596	0427	1670.1	23.0	168	282	110	8.73	202.0	2.77	2.74	97.14	1657.2	.110	1.13	1.13	20.8	24.7	.048	.225	399	22.4	3.0	1.01	.88	1.15	1.11	D
597	0429	1671.0	31.0	165	259	111	8.80	201.3	2.77	2.77	97.14	1657.9	.130	1.13	1.13	20.8	24.9	.048	.225	400	22.4	3.0	.95	.88	1.15	1.11	D
598	0433	1672.1	16.4	164	239	111	7.58	202.0	2.77	2.58	97.30	1659.2	.120	1.13	1.13	20.8	24.9	.056	.225	401	22.5	3.0	1.05	.88	1.15	1.11	D
599	0436	1673.1	19.1	183	243	111	9.02	201.3	2.76	2.61	97.30	1660.3	.120	1.13	1.13	20.8	25.0	.053	.224	402	22.5	3.0	1.07	.88	1.15	1.11	D
600	0439	1674.0	16.7	179	251	110	8.62	202.0	2.77	2.75	97.30	1661.3	.080	1.13	1.13	20.8	25.0	.053	.225	403	22.6	3.0	1.08	.88	1.15	1.11	D
601	0442	1675.0	22.2	167	249	111	7.74	202.0	2.76	2.74	97.30	1662.2	.080	1.13	1.13	20.9	24.9	.051	.225	404	22.6	3.0	.99	.89	1.15	1.11	D
602	0500	1677.1	22.5	173	246	118	8.14	199.9	2.71	2.58	99.53	1664.8	.100	1.13	1.13	20.9	23.7	.052	.228	406	22.6	2.7	.88	.89	1.15	1.11	D
603	0503	1678.0	19.5	184	251	119	8.35	198.6	2.72	2.52	99.05	1664.8	.090	1.13	1.13	20.9	23.9	.052	.227	407	22.7	2.7	1.05	.89	1.15	1.11	D
604	0508	1679.0	13.3	169	255	119	7.97	201.3	2.72	2.72	99.21	1665.8	.080	1.14	1.14	21.0	24.5	.053	.222	408	22.8	2.7	1.12	.89	1.15	1.11	D
605	0512	1680.0	18.4	173	272	119	8.17	202.0	2.72	2.72	99.21	1667.0	.110	1.14	1.13	21.0	24.6	.053	.224	409	22.8	2.7	1.06	.89	1.15	1.11	D
606	0514	1681.0	28.4	175	251	118	8.86	202.0	2.73	2.73	99.21	1667.7	.070	1.13	1.14	21.0	23.8	.053	.223	410	22.9	2.7	.98	.89	1.15	1.11	D
607	0518	1682.0	17.0	187	258	119	9.75	202.0	2.73	2.73	99.21	1668.8	.090	1.14	1.14	21.0	24.4	.054	.222	411	22.9	2.7	1.13	.89	1.15	1.11	D
608	0520	1683.0	22.9	193	244	118	9.50	202.0	2.73	2.73	99.53	1669.6	.080	1.13	1.14	21.0	23.9	.055	.221	412	23.0	2.7	1.05	.89	1.15	1.11	D
609	0524	1684.0	19.6	175	246	118	9.42	201.3	2.73	2.73	99.69	1670.6	.030	1.13	1.14	21.0	24.3	.050	.222	413	23.0	2.7	1.08	.89	1.15	1.11	D
610	0528	1685.0	14.5	182	263	119	9.45	199.9	2.73	2.73	100.2	1671.8	.010	1.13	1.14	21.0	24.2	.050	.223	414	23.1	2.7	1.15	.89	1.15	1.11	D
+ Drop survey and wiper trip.																											
612	0738	1686.0	60.0	217	291	112	8.30	203.4	2.76	2.76	94.60	1678.5	.100	1.13	1.18	20.2	12.5	.227	.245	415	23.3	2.8	.79	.89	1.15	1.11	D
613	0741	1687.0	21.9	189	274	113	7.51	203.4	2.74	2.74	92.37	1678.9	.100	1.13	1.15	20.2	11.5	.226	.272	416	23.3	2.8	.99	.89	1.15	1.10	D
614	0743	1688.1	34.5	187	316	115	7.72	203.4	2.73	2.73	91.89	1679.2	.090	1.13	1.15	20.1	10.9	.227	.246	417	23.3	2.8	.90	.89	1.15	1.10	D
615	0746	1689.1	22.7	199	296	115	8.08	202.7	2.74	2.74	92.05	1679.7	.090	1.13	1.14	20.1	19.0	.227	.205	418	23.4	2.8	1.00	.90	1.15	1.10	D
616	0747	1690.0	47.2	201	267	114	8.27	203.4	2.74	2.74	92.21	1679.9	.090	1.12	1.14	20.0	20.5	.227	.200	419	23.4	2.8	.84	.90	1.15	1.10	D
617	0751	1691.0	18.2	190	273	113	7.66	202.7	2.74	2.90	93.17	1680.5	.090	1.13	1.15	19.7	23.1	.227	.207	420	23.5	2.8	1.03	.90	1.15	1.10	D
618	0753	1692.0	29.0	188	274	114	7.39	202.7	2.74	2.74	93.33	1680.9	.080	1.13	1.15	19.5	23.5	.228	.214	421	23.5	2.8	.93	.90	1.15	1.10	D
619	0757	1693.0	19.0	189	253	114	9.08	202.7	2.74	2.74	93.48	1681.5	.080	1.13	1.15	19.2	23.6	.229	.218	422	23.6	2.8	1.05	.90	1.15	1.10	D
620	0759	1694.1	20.7	185	262	114	8.44	202.7	2.73	2.87	93.48	1681.9	.080	1.13	1.15	19.0	23.7	.229	.221	423	23.6	2.8	1.03	.90	1.15	1.10	D

STATOIL : 15/9-19

Data Printed at time 14:22 Date Feb 24 '84
Data Recorded at time 03:17 Date Jan 1 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	TRIP m	BIT hours	EST TW	DXC	MAB	ECD	ECD
621	0817	1695.1	28.7	147	273	113	9.17	203.4	2.74	2.93	96.82	1683.5	.150	1.13	1.15	18.8	22.0	.227	.231	424	23.7	2.8	.93	.90	1.15	1.09 D
622	0819	1696.1	51.4	213	306	111	11.1	204.1	2.76	2.76	95.55	1683.8	.190	1.14	1.14	18.8	21.6	.227	.236	425	23.8	2.8	.88	.90	1.15	1.10 D
623	0823	1697.1	20.9	192	276	111	9.74	202.7	2.76	2.89	95.23	1684.4	.280	1.13	1.14	18.9	23.1	.226	.229	426	23.8	2.8	1.06	.90	1.15	1.10 D
624	0826	1698.1	23.5	176	269	111	9.29	202.0	2.76	2.76	95.07	1684.9	.290	1.12	1.14	19.0	23.7	.226	.228	427	23.9	2.8	.97	.90	1.15	1.10 D
625	0829	1699.1	22.9	191	261	111	8.87	202.7	2.76	2.99	95.07	1685.3	.230	1.13	1.14	19.0	23.8	.226	.227	428	23.9	2.8	1.02	.91	1.15	1.09 D
626	0831	1700.0	19.5	195	263	111	9.45	202.7	2.76	2.76	95.07	1686.3	.270	1.12	1.12	19.1	23.2	.226	.239	429	24.0	2.8	1.07	.91	1.15	1.09 D
627	0833	1701.0	29.6	192	297	110	9.23	201.3	2.76	2.76	95.71	1687.2	.110	1.13	1.12	19.1	23.7	.226	.238	430	24.0	2.8	.97	.91	1.15	1.09 D
628	0836	1702.0	20.8	208	282	111	11.1	202.7	2.76	2.71	95.87	1688.3	.110	1.13	1.12	19.2	23.7	.226	.236	431	24.1	2.9	1.10	.91	1.15	1.09 D
629	0838	1703.0	36.2	196	291	111	11.1	202.7	2.76	2.78	96.19	1688.8	.120	1.13	1.13	19.2	23.8	.227	.230	432	24.1	2.9	.97	.91	1.15	1.09 D
630	0900	1704.0	18.5	200	330	111	10.6	198.6	2.68	2.68	100.2	1693.4	.080	1.13	1.14	19.5	23.0	.228	.226	433	24.2	2.9	1.12	.91	1.15	1.09 D
631	0901	1705.1	49.3	191	274	109	9.28	199.3	2.71	2.71	98.41	1694.0	.090	1.13	1.14	19.6	22.2	.228	.228	434	24.2	2.9	.85	.91	1.15	1.09 D
632	0904	1706.0	29.8	194	286	110	10.6	199.3	2.72	2.72	97.78	1694.7	.080	1.13	1.14	19.6	22.8	.227	.226	435	24.3	2.9	1.00	.91	1.15	1.09 D
633	0907	1707.0	37.4	193	281	110	10.2	199.3	2.71	2.71	97.94	1694.7	.070	1.14	1.14	19.6	23.3	.227	.222	436	24.3	2.9	.94	.91	1.15	1.09 D
634	0910	1708.0	24.8	185	268	111	8.75	198.6	2.72	2.75	97.94	1694.8	.070	1.13	1.14	19.7	23.8	.227	.222	437	24.4	2.9	1.00	.91	1.15	1.09 D
635	0912	1709.1	45.1	197	314	110	10.0	200.6	2.72	2.72	97.94	1695.6	.070	1.13	1.14	19.7	23.8	.227	.223	438	24.4	2.9	.89	.91	1.15	1.09 D
636	0915	1710.1	30.8	200	342	110	10.1	200.6	2.73	2.73	98.10	1696.5	.080	1.13	1.14	19.8	23.7	.227	.224	439	24.4	2.9	.93	.91	1.15	1.09 D
637	0917	1711.1	41.0	213	298	110	10.8	200.6	2.74	2.74	98.57	1697.1	.070	1.14	1.14	19.8	23.9	.227	.223	440	24.5	2.9	.93	.91	1.15	1.09 D
638	0920	1712.0	23.0	196	291	110	9.95	201.3	2.73	2.73	98.57	1698.3	.070	1.13	1.13	19.9	23.9	.227	.223	441	24.5	2.9	1.05	.91	1.15	1.09 D
639	0923	1713.1	26.9	199	303	110	9.87	200.6	2.74	2.76	98.73	1699.3	.070	1.14	1.13	19.9	23.8	.226	.224	442	24.6	2.9	1.01	.92	1.15	1.09 D
640	0938	1714.0	20.9	168	292	103	9.52	199.9	2.71	2.87	102.7	1702.6	.080	1.14	1.12	20.0	22.7	.226	.260	443	24.7	2.9	1.04	.92	1.15	1.08 D
641	0940	1715.0	61.6	169	272	110	8.41	204.1	2.75	2.75	99.53	1703.3	.090	1.13	1.14	20.0	22.3	.226	.226	444	24.7	2.9	.78	.92	1.15	1.08 D
642	0943	1716.0	35.9	234	315	111	11.1	204.1	2.75	2.75	98.73	1703.8	.080	1.13	1.14	20.0	22.8	.226	.226	445	24.8	2.9	.97	.92	1.15	1.08 D
643	0946	1717.0	19.8	196	292	111	9.79	204.8	2.76	2.57	99.21	1703.9	.080	1.13	1.14	20.0	23.3	.226	.222	446	24.8	2.9	1.08	.92	1.15	1.08 D
644	0949	1718.1	26.3	192	280	111	9.56	204.1	2.76	2.67	99.05	1703.9	.070	1.14	1.14	20.0	23.6	.225	.222	447	24.9	2.9	1.00	.92	1.15	1.08 D
645	0952	1719.0	30.4	193	308	110	10.0	203.4	2.76	2.92	99.21	1704.0	.100	1.13	1.14	20.1	23.7	.225	.224	448	24.9	2.9	.98	.92	1.15	1.08 D
646	0954	1720.0	47.3	178	378	110	8.88	204.1	2.75	2.75	99.37	1704.7	.140	1.13	1.14	20.1	23.9	.225	.224	449	24.9	2.9	.85	.92	1.15	1.08 D
647	0957	1721.2	28.4	186	316	110	8.58	203.4	2.76	2.80	99.37	1706.4	.090	1.14	1.14	20.1	24.0	.225	.224	450	25.0	3.0	.96	.92	1.15	1.08 D
648	1000	1722.1	25.3	196	313	111	9.31	202.7	2.76	2.97	99.53	1707.4	.080	1.13	1.17	20.1	23.8	.225	.225	451	25.0	3.0	1.01	.92	1.15	1.08 D
649	1003	1723.0	22.6	185	301	111	8.91	203.4	2.75	2.58	99.84	1708.0	.080	1.13	1.17	20.1	23.9	.225	.225	452	25.1	3.0	1.02	.92	1.15	1.08 D
650	1023	1724.0	30.7	175	288	102	9.93	204.8	2.76	2.62	100.3	1712.9	.080	1.13	1.15	20.1	22.4	.225	.222	453	25.2	3.0	.96	.92	1.15	1.08 D
651	1026	1725.0	26.0	209	312	111	10.3	205.5	2.76	2.76	99.69	1713.6	.090	1.13	1.15	20.1	22.6	.225	.222	454	25.3	3.0	1.03	.93	1.15	1.07 D
652	1028	1726.0	22.5	213	326	111	10.8	204.8	2.76	2.82	99.53	1713.7	.080	1.13	1.15	20.1	23.1	.225	.221	455	25.3	3.0	1.07	.93	1.15	1.07 D
653	1031	1727.0	22.6	205	266	110	11.0	205.5	2.76	2.53	99.69	1713.9	.080	1.13	1.15	20.2	23.9	.225	.219	456	25.3	3.0	1.08	.94	1.15	1.07 D
654	1033	1728.0	22.6	202	257	111	11.1	205.5	2.77	2.47	99.84	1714.7	.090	1.13	1.15	20.2	24.0	.225	.221	457	25.4	3.0	1.08	.94	1.15	1.06 D
655	1036	1729.1	24.6	195	375	110	10.5	206.2	2.76	2.76	100.3	1715.8	.070	1.13	1.15	20.2	24.2	.225	.222	458	25.4	3.0	1.04	.94	1.15	1.06 D
656	1039	1730.1	19.4	190	293	111	10.3	205.5	2.76	2.98	100.0	1716.6	.080	1.13	1.15	20.1	23.8	.225	.223	459	25.5	3.0	1.10	.94	1.15	1.06 D
657	1043	1731.0	13.9	192	297	111	10.4	206.2	2.76	2.76	100.5	1718.1	.080	1.13	1.15	20.1	24.0	.226	.222	460	25.5	3.0	1.18	.94	1.15	1.06 D
658	1047	1732.0	14.2	183	286	111	10.5	206.2	2.76	2.77	101.1	1719.9	.070	1.14	1.15	20.1	24.0	.226	.223	461	25.6	3.0	1.18	.94	1.15	1.06 D
659	1113	1733.1	21.2	162	347	110	9.77	206.2	2.76	2.76	103.5	1723.5	.080	1.13	1.12	20.1	22.4	.070	.219	462	25.7	3.0	1.06	.95	1.15	1.06 D
660	1115	1734.0	20.4	191	267	105	9.46	206.2	2.76	2.59	102.1	1723.5	.060	1.13	1.13	20.1	21.7	.033	.221	463	25.8	3.0	1.05	.95	1.15	1.05 D
661	1118	1735.0	21.7	211	281	105	10.2	204.8	2.76	2.76	101.9	1723.5	.070	1.13	1.14	20.2	23.1	.133	.216	464	25.8	3.0	1.06	.95	1.15	1.05 D
662	1121	1736.0	21.9	199	317	105	9.70	204.8	2.76	2.93	102.1	1724.1	.080	1.13	1.14	20.2	23.8	.172	.218	465	25.9	3.1	1.04	.95	1.15	1.05 D
663	1124	1737.0	20.1	215	305	105	10.8	205.5	2.76	2.54	102.1	1725.3	.090	1.14	1.14	20.2	23.9	.224	.218	466	25.9	3.1	1.09	.96	1.15	1.04 D
664	1126	1738.0	21.0	201	299	105	10.3	206.8	2.76	2.76	102.2	1726.4	.070	1.13	1.14	20.2	24.1	.224	.219	467	26.0	3.1	1.07	.96	1.15	1.04 D
665	1130	1739.0	18.4	232	285	105	9.56	205.5	2.74	2.95	102.7	1727.6	.080	1.13	1.15	20.2	24.2	.225	.220	468	26.0	3.1	1.03	.96	1.15	1.04 D
666	1132	1740.0	20.8	204	302	104	9.52	203.4	2.74	2.74	102.9	1728.8	.080	1.14	1.14	20.2	24.2	.225	.222	469	26.1	3.1	1.04	.97	1.15	1.03 D
667	1135	1741.0	27.5	206	289	105	9.46	204.1	2.74	2.56	103.0	1729.4	.080	1.13	1.14	20.2	24.2	.225	.221	470	26.1	3.1	.98	.97	1.15	1.04 D
668	1138	1742.0	18.2	207	292	105	9.30	202.7	2.74	2.50	103.2	1730.4	.070	1.14	1.14	20.2	24.2	.224	.222	471	26.2	3.1	1.09	.97	1.15	1.03 D
669	1211	1743.1	43.6	152	312	107	9.09	205.5	2.76	2.45	103.3	1732.8	.080	1.13	1.15	20.0	18.5	.027	.217	472	26.3	3.1	.87	.97	1.15	1.03 D
670	1214	1744.0	18.2	205	388	111	8.17	205.5	2.77	2.93	101.9	1732.8	.060	1.13	1.13	20.0	21.9	.028	.211	473	26.3	3.1	1.05	.97	1.15	1.03 D

STATOIL : 15/9-18

Data Printed at time 14:28 Date Feb 24 '84
Data Received at time 12:17 Date Jan 1 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	BXB	ECD	BXHD	
671	1217	1745.0	22.1	213	319	111	9.49	205.5	2.76	2.77	101.4	1732.8	.050	1.14	1.14	20.0	23.3	.078	.209	474	26.4	3.1	1.04	.97	1.15	1.03	D
672	1219	1746.0	22.7	210	311	111	9.52	204.8	2.76	2.60	101.3	1732.8	.060	1.13	1.14	20.0	23.6	.098	.212	475	26.4	3.1	1.04	.97	1.15	1.03	D
673	1222	1747.0	25.9	215	291	111	9.32	205.5	2.77	2.52	101.1	1733.1	.060	1.14	1.14	20.0	23.9	.118	.215	476	26.4	3.1	1.00	.97	1.15	1.03	D
674	1224	1749.0	25.6	216	309	110	9.19	206.2	2.76	2.95	101.1	1734.0	.060	1.15	1.14	20.0	23.9	.201	.219	477	26.5	3.1	1.00	.97	1.15	1.03	D
675	1228	1749.0	15.9	212	337	111	8.46	204.8	2.76	2.66	101.1	1735.1	.070	1.14	1.14	19.9	23.8	.220	.220	478	26.5	3.1	1.09	.98	1.15	1.03	D
676	1229	1750.0	30.2	213	337	110	8.95	204.8	2.76	2.76	101.1	1735.7	.070	1.14	1.14	19.9	23.8	.224	.220	479	26.6	3.1	.95	.97	1.15	1.03	D
677	1232	1751.0	22.9	219	341	110	9.49	206.2	2.76	2.76	101.0	1736.8	.070	1.14	1.14	19.9	23.7	.224	.221	480	26.6	3.1	1.03	.97	1.15	1.03	D
678	1235	1752.0	23.0	198	342	112	7.95	205.5	2.77	2.64	100.8	1737.8	.070	1.14	1.14	19.9	24.0	.226	.220	481	26.7	3.1	.99	.97	1.15	1.03	D
679	1251	1753.0	25.4	191	289	107	9.36	202.7	2.73	2.74	89.99	1740.6	.100	1.13	1.14	20.0	22.2	.225	.226	482	26.8	3.1	1.00	.97	1.16	1.03	D
680	1253	1754.0	28.0	217	314	112	10.3	202.7	2.73	2.73	90.62	1741.3	.090	1.13	1.14	20.0	21.7	.225	.227	483	26.8	3.1	1.01	.97	1.16	1.03	D
681	1256	1755.1	27.9	219	307	111	10.0	202.0	2.73	2.79	84.90	1742.1	.100	1.12	1.14	20.0	22.2	.225	.222	484	26.8	3.1	1.00	.97	1.16	1.03	D
682	1258	1756.0	22.7	230	345	112	10.6	202.7	2.74	2.74	78.86	1742.4	.090	1.13	1.14	20.0	23.3	.225	.219	485	26.9	3.2	1.07	.97	1.16	1.03	D
683	1300	1757.0	21.9	222	306	111	10.0	202.7	2.73	2.78	71.86	1742.4	.070	1.11	1.14	19.9	23.6	.225	.219	486	26.9	3.2	1.05	.98	1.16	1.03	D
684	1302	1758.0	30.6	221	298	112	9.65	202.7	2.73	2.63	68.68	1742.4	.080	1.11	1.14	19.9	22.8	.226	.223	487	26.9	3.2	.97	.97	1.16	1.03	D
685	1304	1759.0	35.8	228	348	112	10.9	204.1	2.74	2.74	68.09	1742.4	.090	1.12	1.14	19.9	23.9	.226	.222	488	27.0	3.2	.96	.97	1.16	1.03	D
686	1307	1760.0	21.1	220	366	111	9.90	203.4	2.74	2.65	67.41	1743.6	.060	1.12	1.14	19.9	24.0	.226	.221	489	27.0	3.2	1.06	.97	1.16	1.03	D
687	1309	1761.1	25.5	219	307	111	10.3	202.0	2.74	2.59	67.41	1744.3	.080	1.11	1.14	19.9	24.0	.226	.220	490	27.1	3.2	1.03	.97	1.16	1.03	D
688	1325	1762.0	22.3	203	316	105	10.5	205.5	2.57	2.26	70.27	1747.4	.050	1.13	1.14	20.0	22.8	.035	.226	491	27.2	3.2	1.06	.98	1.15	1.03	D
689	1329	1763.1	17.8	209	322	112	9.73	205.5	2.76	2.76	67.09	1748.7	.070	1.13	1.14	20.1	21.9	.023	.224	492	27.2	3.2	1.10	.98	1.15	1.03	D
690	1332	1764.0	17.6	221	321	113	9.48	205.5	2.76	2.69	67.09	1749.9	.080	1.13	1.14	20.1	23.2	.024	.220	493	27.3	3.2	1.10	.98	1.15	1.02	D
691	1334	1765.1	34.9	226	320	112	10.5	205.5	2.75	2.66	66.93	1750.6	.090	1.13	1.14	20.2	23.5	.023	.217	494	27.3	3.2	.97	.98	1.15	1.02	D
692	1336	1766.0	23.6	232	302	113	10.2	206.2	2.76	2.80	66.77	1751.5	.090	1.13	1.14	20.2	23.9	.023	.216	495	27.3	3.2	1.05	.98	1.15	1.02	D
693	1339	1767.0	23.8	214	305	113	9.12	206.8	2.76	2.76	66.77	1752.3	.080	1.13	1.14	20.2	24.0	.026	.217	496	27.4	3.2	1.02	.98	1.15	1.02	D
694	1341	1768.0	30.0	219	318	113	9.89	207.5	2.75	2.68	66.62	1752.4	.070	1.12	1.14	20.2	24.2	.035	.217	497	27.4	3.2	.99	.98	1.15	1.03	D
695	1343	1769.0	21.6	224	305	113	9.39	206.2	2.76	2.81	66.46	1752.4	.060	1.13	1.14	20.2	24.3	.042	.219	498	27.5	3.2	1.05	.98	1.15	1.03	D
696	1347	1770.0	18.2	218	328	113	9.93	208.9	2.76	2.85	66.46	1753.3	.080	1.13	1.14	20.2	24.6	.043	.220	499	27.5	3.2	1.11	.99	1.15	1.02	D
697	1350	1771.0	16.5	203	298	113	8.80	207.5	2.75	2.62	66.62	1755.3	.070	1.13	1.14	20.3	24.5	.053	.221	500	27.6	3.2	1.10	.99	1.15	1.02	D
698	1406	1772.0	17.7	208	308	111	9.27	204.8	2.73	2.71	66.30	1759.4	.080	1.12	1.14	20.4	23.0	.057	.226	501	27.7	3.2	1.10	.99	1.14	1.02	D
699	1408	1773.0	25.1	221	348	112	9.25	203.4	2.74	2.75	65.98	1760.3	.090	1.12	1.14	20.5	23.5	.058	.223	502	27.7	3.2	1.02	.99	1.14	1.02	D
700	1412	1774.0	18.0	228	316	111	10.5	206.8	2.75	2.73	66.14	1761.6	.070	1.13	1.14	20.5	24.3	.059	.219	503	27.8	3.3	1.13	1.00	1.14	1.01	D
701	1416	1775.0	12.9	234	339	112	10.7	206.8	2.76	2.90	65.82	1761.8	.060	1.13	1.14	20.6	24.5	.061	.219	504	27.9	3.3	1.21	1.00	1.15	1.01	D
702	1419	1776.0	23.9	231	334	112	10.8	207.5	2.76	2.76	65.66	1762.5	.050	1.12	1.14	20.6	24.7	.060	.221	505	27.9	3.3	1.07	1.00	1.15	1.01	D
703	1421	1777.0	23.0	249	329	112	10.9	207.5	2.76	2.78	65.50	1763.0	.060	1.12	1.14	20.6	24.9	.063	.220	506	28.0	3.3	1.03	1.00	1.15	1.01	D
704	1423	1778.0	26.0	251	359	111	11.3	208.9	2.76	2.95	65.66	1763.8	.060	1.12	1.14	20.7	24.9	.063	.220	507	28.0	3.3	1.06	1.00	1.15	1.01	D
705	1426	1779.0	22.9	233	333	112	10.1	209.6	2.76	2.76	65.66	1765.1	.070	1.13	1.14	20.7	24.9	.061	.220	508	28.0	3.3	1.06	1.00	1.15	1.01	D
706	1429	1780.0	18.5	231	323	112	10.3	209.6	2.76	2.68	65.66	1766.4	.070	1.12	1.14	20.7	24.9	.058	.221	509	28.1	3.3	1.11	1.00	1.15	1.01	D
707	1432	1781.0	20.9	222	306	112	9.70	210.3	2.76	2.75	65.50	1767.6	.080	1.13	1.14	20.8	24.8	.056	.221	510	28.1	3.3	1.07	1.00	1.15	1.01	D
+ Stuck pipe at connection. Pull and pump out 13 jts, ream to TD, CBU and increase mud weight to 1.16 g/cc.																											
709	2150	1782.1	23.3	190	261	114	4.91	204.8	2.70	2.55	59.14	1781.1	.080	1.16	1.16	20.1	17.7	.097	.216	511	30.9	3.6	.87	1.00	1.17	1.01	D
710	2154	1783.0	16.8	208	298	114	6.73	206.2	2.71	2.61	68.36	1781.1	.080	1.17	1.16	19.6	17.7	.098	.221	512	30.9	3.6	1.01	1.00	1.17	1.01	D
711	2158	1784.0	15.4	181	267	114	5.97	206.2	2.70	2.59	74.57	1781.1	.090	1.17	1.16	19.0	17.7	.098	.222	513	31.0	3.6	1.00	1.00	1.17	1.01	D
712	2201	1785.0	16.6	182	249	115	4.61	206.8	2.71	2.59	73.77	1781.1	.080	1.16	1.16	18.9	17.7	.099	.224	514	31.0	3.6	.93	1.00	1.17	1.01	D
713	2205	1786.0	17.5	181	260	115	5.40	206.2	2.71	2.55	73.45	1781.1	.100	1.16	1.16	19.1	17.8	.099	.225	515	31.1	3.6	.95	1.00	1.17	1.01	D
714	2208	1787.0	16.2	183	243	115	5.33	205.5	2.71	2.61	73.45	1781.1	.100	1.16	1.16	19.3	17.8	.099	.226	516	31.2	3.6	.96	1.00	1.17	1.01	D
715	2212	1788.0	16.7	191	265	114	5.97	205.5	2.71	2.55	73.29	1781.1	.090	1.16	1.16	19.6	17.8	.097	.226	517	31.2	3.6	.93	1.00	1.17	1.02	D
716	2216	1789.1	13.5	175	259	115	4.43	205.5	2.70	2.64	73.45	1781.1	.080	1.16	1.15	19.8	17.9	.097	.223	518	31.3	3.6	.96	.99	1.18	1.02	D
717	2221	1790.0	12.7	173	242	115	4.83	206.2	2.71	2.57	73.13	1781.1	.070	1.16	1.15	20.0	17.9	.094	.227	519	31.4	3.6	.93	.99	1.18	1.02	D
718	2226	1791.0	10.7	178	264	115	4.78	204.8	2.71	2.61	72.66	1781.1	.120	1.15	1.15	20.3	17.9	.096	.228	520	31.5	3.6	1.02	.84	1.18	1.02	D
+ Circulate bottoms up, drop survey and wiper back to shoe.																											
Date Jan 2 '84																											

STATOIL : 15/9-18

Data Printed at time 14:34 Date Feb 24 '84
Data Received at time 03:23 Date Jan 2 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT in hours	EST TM	DXC	EXB	ECD	EXTD	
720	0323	1792.0	52.3	230	304	110	7.14	206.8	2.68	2.91	67.09	1791.4	.010	1.17	1.15	19.8	6.2	.232	.248	521	31.6	3.6	.76	.84	1.19	1.02	D
721	0326	1793.0	19.4	236	335	110	9.10	202.7	2.69	2.69	61.05	1791.4	.020	1.17	1.18	19.7	6.3	.234	.225	522	31.7	3.6	1.02	.84	1.19	1.02	D
722	0329	1794.0	19.6	223	307	111	8.88	184.1	2.55	2.55	58.83	1791.4	.020	1.17	1.18	19.6	11.7	.235	.206	523	31.7	3.6	1.02	.84	1.19	1.02	D
723	0331	1795.0	20.9	222	286	111	7.32	184.1	2.54	2.54	57.71	1791.4	.030	1.17	1.18	19.4	16.4	.236	.201	524	31.8	3.6	.96	.84	1.19	1.02	D
724	0335	1796.0	16.0	207	305	110	5.42	202.7	2.60	2.60	57.24	1791.4	.020	1.17	1.18	18.9	22.2	.237	.193	525	31.8	3.6	.94	.84	1.19	1.02	D
725	0337	1797.0	25.9	223	302	110	6.63	202.7	2.68	2.93	57.24	1791.4	.020	1.17	1.19	18.5	22.7	.239	.199	526	31.9	3.6	.89	.84	1.19	1.02	D
726	0339	1798.0	28.0	219	295	111	7.01	202.7	2.68	2.98	57.08	1791.4	.020	1.17	1.17	18.2	23.0	.241	.209	527	31.9	3.7	.89	.84	1.19	1.02	D
727	0342	1799.0	27.1	228	287	110	6.87	202.7	2.68	2.83	57.08	1791.4	.020	1.17	1.18	17.9	23.1	.242	.211	528	31.9	3.7	.89	.84	1.19	1.02	D
728	0344	1800.0	26.1	221	279	110	6.07	203.4	2.69	2.92	56.92	1791.4	.020	1.17	1.18	17.6	23.4	.242	.213	529	32.0	3.7	.87	.84	1.19	1.02	D
729	0407	1801.0	24.1	195	273	107	6.18	201.3	2.66	2.66	59.14	1791.4	.110	1.17	1.19	17.6	21.6	.235	.227	530	32.1	3.7	.88	.84	1.20	1.02	D
730	0409	1802.0	22.9	222	287	112	6.00	200.6	2.67	2.67	56.28	1791.4	.100	1.17	1.19	17.6	20.5	.236	.230	531	32.2	3.7	.89	.84	1.20	1.02	D
731	0412	1803.0	25.2	213	270	112	5.35	200.6	2.67	2.67	57.08	1791.4	.130	1.17	1.18	17.7	21.6	.238	.223	532	32.2	3.7	.85	.84	1.20	1.02	D
732	0416	1804.0	15.2	212	275	112	5.47	199.9	2.67	2.67	57.71	1791.4	.170	1.17	1.18	17.9	23.0	.238	.221	533	32.3	3.7	.95	.84	1.20	1.02	D
733	0418	1805.0	21.1	207	270	112	5.34	199.3	2.67	2.67	58.19	1791.4	.180	1.17	1.18	18.1	23.3	.237	.221	534	32.3	3.7	.88	.84	1.20	1.02	D
734	0422	1806.0	18.6	201	263	112	5.27	198.6	2.67	2.67	58.83	1791.4	.230	1.17	1.15	18.2	23.3	.235	.230	535	32.4	3.7	.91	.84	1.20	1.02	D
735	0424	1807.0	20.1	213	281	111	5.87	200.6	2.68	2.68	59.14	1792.0	.040	1.17	1.15	18.4	23.2	.235	.228	536	32.4	3.7	.91	.84	1.20	1.02	D
736	0428	1808.0	18.5	212	274	111	5.56	200.6	2.68	2.68	59.30	1793.1	.030	1.17	1.19	18.5	23.5	.235	.225	537	32.5	3.7	.92	.84	1.20	1.02	D
737	0430	1809.0	22.2	206	261	112	5.63	200.6	2.68	2.64	59.30	1794.1	.050	1.17	1.18	18.6	23.7	.234	.224	538	32.5	3.7	.88	.84	1.20	1.02	D
738	0433	1810.0	24.4	205	303	112	5.83	202.0	2.68	2.90	59.78	1795.0	.080	1.17	1.17	18.7	23.5	.236	.226	539	32.6	3.7	.87	.84	1.20	1.02	D
739	0451	1811.0	16.2	182	291	100	6.29	202.7	2.70	2.70	62.32	1799.1	.070	1.17	1.17	19.2	21.6	.234	.227	540	32.7	3.7	.95	.84	1.20	1.02	D
740	0453	1812.1	26.1	196	349	112	3.79	202.0	2.69	2.69	62.16	1800.0	.060	1.17	1.17	19.3	22.9	.233	.220	541	32.7	3.7	.78	.84	1.20	1.02	D
741	0457	1813.0	16.5	204	264	112	4.43	202.0	2.69	2.69	62.80	1800.8	.050	1.17	1.17	19.4	23.2	.233	.219	542	32.8	3.7	.89	.84	1.20	1.02	D
742	0459	1814.0	23.4	196	273	111	4.94	202.0	2.70	2.70	63.12	1800.8	.050	1.17	1.17	19.4	23.4	.232	.218	543	32.8	3.7	.85	.84	1.20	1.02	D
743	0502	1815.0	20.5	194	288	112	4.69	201.3	2.70	2.70	63.59	1800.9	0.00	1.17	1.17	19.5	23.7	.233	.219	544	32.9	3.7	.86	.84	1.20	1.02	D
744	0504	1816.0	22.9	208	279	112	5.33	202.0	2.70	2.70	64.23	1801.8	0.00	1.17	1.17	19.6	23.8	.233	.218	545	32.9	3.7	.87	.84	1.20	1.02	D
745	0507	1817.0	23.2	197	285	112	5.53	202.7	2.70	2.70	64.55	1802.8	.060	1.17	1.17	19.6	23.9	.232	.220	546	33.0	3.7	.87	.84	1.20	1.02	D
746	0510	1818.0	21.1	211	291	111	5.93	201.3	2.69	3.00	65.03	1803.6	.060	1.17	1.17	19.6	23.9	.231	.220	547	33.0	3.7	.90	.84	1.20	1.02	D
747	0512	1819.0	24.4	202	283	112	5.66	200.6	2.70	2.61	65.34	1804.4	.060	1.17	1.17	19.7	23.9	.232	.221	548	33.0	3.7	.87	.84	1.20	1.02	D
748	0515	1820.0	20.6	195	298	111	5.08	200.6	2.70	2.91	65.82	1805.3	.060	1.17	1.17	19.7	23.8	.232	.222	549	33.1	3.7	.88	.84	1.20	1.02	D
749	0531	1821.0	15.5	190	265	115	5.47	195.8	2.69	2.69	68.05	1809.8	.060	1.17	1.17	20.0	23.7	.231	.223	550	33.2	3.8	.95	.84	1.20	1.02	D
750	0534	1822.0	27.8	215	285	118	6.81	197.2	2.69	2.69	67.89	1810.3	.050	1.17	1.17	20.0	23.7	.231	.223	551	33.2	3.8	.89	.84	1.20	1.02	D
751	0535	1923.0	28.7	214	297	118	7.28	197.2	2.69	2.69	68.21	1810.4	.050	1.17	1.17	20.1	23.6	.231	.223	552	33.3	3.8	.90	.84	1.20	1.02	D
752	0538	1824.0	23.5	204	278	117	6.61	196.5	2.69	2.69	68.36	1810.4	.050	1.17	1.17	20.1	23.6	.232	.219	553	33.3	3.8	.91	.84	1.20	1.02	D
753	0540	1825.0	24.4	209	281	118	6.68	197.2	2.69	2.69	68.21	1810.6	.050	1.17	1.17	20.2	23.5	.231	.219	554	33.3	3.8	.91	.84	1.20	1.02	D
754	0543	1826.0	24.7	197	267	118	4.88	201.3	2.73	2.73	68.05	1811.2	.060	1.17	1.16	20.3	23.5	.232	.219	555	33.4	3.8	.84	.84	1.21	1.02	D
755	0546	1827.0	19.8	183	292	119	4.59	202.0	2.72	2.72	67.89	1812.3	.060	1.17	1.17	20.3	23.5	.232	.220	556	33.4	3.8	.87	.84	1.20	1.03	D
757	0551	1828.1	12.7	201	282	118	4.83	202.7	2.73	2.73	67.41	1813.9	.060	1.17	1.18	20.4	23.5	.233	.220	557	33.5	3.8	.97	.84	1.20	1.02	D
758	0553	1929.0	24.1	198	281	118	4.65	202.7	2.73	2.73	67.57	1814.7	.070	1.17	1.18	20.4	23.5	.233	.219	558	33.5	3.8	.84	.84	1.20	1.03	D
759	0556	1830.0	21.1	202	280	118	5.09	204.1	2.73	2.73	67.41	1815.8	.060	1.17	1.18	20.4	23.5	.233	.218	559	33.6	3.8	.83	.84	1.20	1.03	D
760	0612	1831.0	30.1	131	285	104	4.94	201.3	2.70	2.70	69.00	1819.2	.070	1.17	1.18	20.4	23.5	.232	.221	560	33.7	3.8	.79	.84	1.20	1.03	D
761	0615	1832.0	21.7	207	238	111	6.39	201.3	2.70	2.70	68.52	1820.2	.060	1.17	1.18	20.4	23.4	.233	.220	561	33.7	3.8	.91	.84	1.20	1.03	D
762	0617	1833.0	30.9	210	274	111	7.31	201.3	2.71	2.92	68.36	1820.4	.050	1.17	1.17	20.4	23.4	.233	.217	562	33.8	3.8	.87	.84	1.20	1.03	D
763	0619	1834.1	27.5	217	279	112	8.00	201.3	2.70	2.92	68.36	1820.4	.050	1.17	1.18	20.4	23.4	.233	.216	563	33.8	3.8	.91	.84	1.20	1.03	D
764	0621	1835.1	29.0	213	275	111	6.75	201.3	2.70	2.69	68.52	1820.4	.040	1.17	1.18	20.5	23.3	.232	.215	564	33.8	3.8	.86	.84	1.21	1.03	D
765	0623	1836.0	24.3	216	299	111	6.49	202.7	2.70	2.89	69.68	1820.4	.050	1.17	1.18	20.4	23.3	.232	.215	565	33.9	3.8	.89	.84	1.21	1.03	D
766	0626	1937.0	21.7	205	291	112	6.36	201.3	2.71	2.71	68.84	1820.7	.050	1.17	1.18	20.4	23.2	.232	.215	566	33.9	3.8	.91	.84	1.21	1.03	D
767	0629	1838.0	22.6	197	278	112	5.82	202.0	2.70	2.70	69.00	1821.8	.070	1.17	1.18	20.4	23.2	.232	.218	567	34.0	3.8	.83	.84	1.21	1.03	D
768	0633	1839.0	13.6	230	303	112	7.11	201.6	2.71	2.81	69.48	1823.7	.070	1.17	1.19	20.4	23.3	.232	.218	568	34.0	3.8	1.03	.84	1.21	1.03	D
769	0654	1940.0	27.6	164	293	110	5.88	204.8	2.71	2.71	71.86	1827.2	.060	1.17	1.18	20.5	23.4	.229	.221	569	34.2	3.8	.84	.84	1.20	1.03	D
770	0656	1841.0	23.4	203	277	111	5.60	204.1	2.72	2.96	70.91	1828.2	.060	1.17	1.19	20.5	23.4	.230	.222	570	34.2	3.8	.87	.84	1.21	1.03	D

STATOIL : 15/9-18

Data Printed at time 14:40 Date Feb 24 '84
Data Received at time 06:59 Date Jan 2 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	ECD	ECD	NGID
771	0659	1342.0	24.0	200	292	111	5.86	204.8	2.72	2.44	71.39	1829.1	.030	1.17	1.19	20.5	23.4	.229	.220	571	34.2	3.8	.87	.84	1.21	1.03	D
772	0702	1343.0	20.9	196	268	111	5.60	204.8	2.72	2.17	71.70	1830.1	.070	1.17	1.19	20.5	23.4	.229	.222	572	34.3	3.9	.89	.84	1.21	1.03	D
773	0705	1844.0	20.1	189	269	111	5.09	204.8	2.72	2.10	72.02	1830.2	.070	1.17	1.19	20.5	23.4	.229	.223	573	34.3	3.9	.88	.84	1.21	1.03	D
774	0707	1845.0	29.3	200	312	111	6.66	206.2	2.73	2.15	72.34	1830.4	.050	1.17	1.19	20.5	23.4	.230	.235	574	34.4	3.9	.86	.84	1.21	1.04	D
775	0709	1846.0	25.4	205	291	111	5.91	205.5	2.72	2.14	72.18	1830.6	.070	1.17	1.19	20.5	23.4	.229	.263	575	34.4	3.9	.86	.83	1.21	1.04	D
776	0711	1847.0	21.9	200	313	111	5.87	206.2	2.72	2.24	72.18	1831.5	.070	1.17	1.19	20.5	23.4	.229	.272	576	34.4	3.9	.89	.83	1.21	1.04	D
777	0719	1848.0	8.57	202	325	111	7.02	206.2	2.73	2.04	72.82	1834.9	.080	1.17	1.19	20.6	23.3	.230	.314	577	34.6	3.9	1.12	.84	1.21	1.04	D
779	0721	1849.0	21.6	197	280	112	5.70	205.5	2.73	2.05	72.98	1836.1	.090	1.17	1.19	20.6	23.3	.230	.310	578	34.6	3.9	.89	.84	1.21	1.04	D
779	0739	1850.0	22.4	174	264	110	5.96	203.4	2.70	2.70	73.13	1839.7	.060	1.17	1.17	20.7	23.5	.229	.208	579	34.7	3.9	.89	.84	1.20	1.04	D
780	0742	1851.1	21.5	200	260	113	5.71	203.4	2.70	2.70	72.82	1839.7	.060	1.17	1.17	20.7	24.0	.229	.212	580	34.8	3.9	.89	.84	1.21	1.04	D
781	0745	1852.0	19.6	195	306	113	5.89	204.1	2.69	2.44	72.82	1839.7	.060	1.17	1.17	20.8	24.4	.229	.212	581	34.8	3.9	.92	.84	1.21	1.04	D
782	0748	1853.0	19.0	195	308	112	5.50	204.1	2.70	2.23	72.98	1839.9	.080	1.17	1.17	20.8	24.7	.230	.213	582	34.9	3.9	.91	.84	1.21	1.04	D
783	0751	1854.0	20.7	192	291	112	5.37	203.4	2.70	2.05	73.29	1840.8	.100	1.17	1.17	20.8	24.7	.230	.215	583	34.9	3.9	.88	.84	1.21	1.04	D
784	0755	1855.0	15.6	192	307	113	5.88	204.1	2.70	2.34	73.61	1842.3	.090	1.17	1.17	20.8	24.8	.230	.215	584	35.0	3.9	.96	.84	1.21	1.04	D
785	0758	1856.0	18.9	201	319	112	5.92	204.8	2.70	2.04	73.93	1843.3	.070	1.17	1.18	20.8	24.7	.230	.216	585	35.0	3.9	.92	.84	1.21	1.03	D
786	0801	1857.0	19.9	188	283	113	4.87	204.1	2.70	2.15	74.09	1844.5	.050	1.19	1.17	20.8	24.9	.230	.216	586	35.1	3.9	.87	.84	1.21	1.04	D
787	0803	1858.0	22.2	190	280	113	5.13	204.1	2.70	2.25	74.41	1845.6	.070	1.19	1.17	20.9	24.7	.230	.215	587	35.1	3.9	.86	.84	1.21	1.04	D
788	0811	1859.0	23.6	163	308	108	6.40	201.0	2.70	2.08	76.63	1847.2	.040	1.17	1.17	20.9	24.7	.228	.216	588	35.2	3.9	.89	.84	1.21	1.04	D
789	0327	1860.0	17.2	193	257	111	5.79	204.1	2.69	2.27	75.68	1849.1	.040	1.17	1.17	20.9	24.5	.228	.215	589	35.3	3.9	.93	.84	1.21	1.04	D
790	0829	1861.0	28.0	182	273	111	6.58	206.2	2.70	2.37	75.84	1849.1	.040	1.17	1.17	20.9	24.8	.228	.213	590	35.4	3.9	.86	.84	1.21	1.04	D
791	0832	1862.0	17.5	188	306	112	6.89	205.5	2.69	2.43	76.47	1849.1	.050	1.17	1.17	20.9	25.0	.228	.214	591	35.4	3.9	.97	.84	1.21	1.04	D
792	0836	1863.0	15.6	188	300	113	6.19	205.5	2.70	2.28	76.79	1850.1	.050	1.17	1.17	20.9	24.8	.228	.216	592	35.5	4.0	.97	.84	1.21	1.03	D
793	0833	1864.0	24.6	205	298	112	7.54	206.2	2.69	2.06	77.11	1850.8	.050	1.17	1.17	20.9	25.0	.228	.216	593	35.5	4.0	.92	.84	1.20	1.03	D
794	0841	1865.0	20.5	198	276	112	8.07	206.2	2.70	2.70	77.11	1851.8	.060	1.18	1.17	20.9	25.1	.228	.215	594	35.6	4.0	.98	.84	1.20	1.03	D
795	0851	1866.0	5.80	186	284	112	8.04	206.8	2.69	2.69	77.74	1854.6	.050	1.17	1.17	21.0	24.1	.228	.216	595	35.7	4.0	1.25	.84	1.20	1.03	D
796	0854	1867.1	22.0	190	259	112	7.86	206.2	2.70	2.70	77.59	1855.6	.050	1.17	1.17	21.1	22.2	.227	.216	596	35.8	4.0	.96	.85	1.20	1.03	D
797	0913	1868.0	21.2	167	274	107	7.38	206.2	2.70	2.07	79.97	1858.3	.050	1.17	1.18	21.1	23.6	.227	.234	597	35.9	4.0	.95	.85	1.19	1.03	D
798	0916	1869.0	20.5	183	263	112	5.40	205.5	2.70	2.11	78.54	1858.4	.050	1.17	1.18	21.1	23.7	.227	.215	598	36.0	4.0	.90	.85	1.19	1.03	D
799	0921	1870.0	10.6	198	322	113	6.82	205.5	2.71	2.08	78.70	1859.2	.060	1.18	1.18	21.1	25.0	.227	.212	599	36.0	4.0	1.09	.85	1.19	1.03	D
800	0923	1871.0	29.1	186	270	112	6.22	205.5	2.70	2.08	79.18	1859.8	.060	1.17	1.18	21.1	25.1	.227	.212	600	36.1	4.0	.86	.85	1.19	1.03	D
801	0926	1872.0	21.5	191	280	113	6.64	206.2	2.70	2.34	79.18	1860.8	.070	1.17	1.18	21.1	25.3	.227	.212	601	36.1	4.0	.94	.85	1.19	1.03	D
802	0929	1873.0	19.4	198	319	113	6.81	206.2	2.71	2.45	79.49	1861.9	.070	1.17	1.18	21.1	25.1	.227	.214	602	36.2	4.0	.96	.85	1.19	1.03	D
803	0932	1874.0	20.4	196	281	113	6.45	206.8	2.71	2.42	79.33	1862.7	.060	1.17	1.17	21.1	25.3	.227	.213	603	36.2	4.0	.94	.85	1.19	1.03	D
804	0936	1875.0	15.8	191	292	113	5.96	204.8	2.70	2.45	79.97	1864.1	.070	1.17	1.17	21.1	25.2	.228	.214	604	36.3	4.0	.97	.85	1.19	1.02	D
805	0939	1876.0	17.5	190	267	113	6.22	204.1	2.69	2.63	80.45	1865.1	.050	1.18	1.17	21.1	25.4	.227	.213	605	36.3	4.0	.96	.85	1.19	1.02	D
806	0942	1877.0	21.4	187	275	112	6.67	204.8	2.70	2.65	80.45	1865.5	.040	1.17	1.17	21.1	25.3	.228	.214	606	36.4	4.0	.94	.85	1.19	1.02	D
807	1000	1878.0	23.5	142	245	98	6.32	206.8	2.68	2.66	76.15	1866.9	.060	1.17	1.17	21.1	23.3	.226	.211	607	36.5	4.0	.88	.85	1.19	1.02	D
808	1002	1879.0	23.3	199	266	114	6.70	205.5	2.68	2.62	74.09	1867.6	.060	1.16	1.17	21.1	23.9	.226	.211	608	36.5	4.0	.92	.85	1.19	1.02	D
809	1005	1830.0	18.7	190	255	114	5.92	205.5	2.68	2.67	73.77	1867.8	.050	1.18	1.17	21.1	24.6	.226	.209	609	36.6	4.0	.94	.86	1.19	1.02	D
810	1008	1831.0	17.7	194	267	114	6.89	206.2	2.69	2.59	73.93	1867.8	.060	1.17	1.17	21.1	25.1	.227	.210	610	36.6	4.1	.98	.86	1.19	1.02	D
811	1018	1832.1	6.47	181	291	114	7.15	203.4	2.69	2.53	74.88	1869.8	.050	1.18	1.16	21.2	25.6	.225	.212	611	36.8	4.1	1.20	.86	1.19	1.02	D
812	1021	1833.0	19.1	187	265	114	6.70	205.5	2.69	2.53	75.04	1871.0	.060	1.18	1.18	21.2	25.3	.225	.212	612	36.9	4.1	.96	.86	1.19	1.02	D
813	1023	1884.0	26.0	185	322	114	6.52	206.2	2.68	2.53	75.36	1871.9	.050	1.18	1.17	21.2	25.4	.226	.214	613	36.9	4.1	.89	.86	1.19	1.02	D
814	1032	1835.0	13.3	198	439	112	6.00	205.5	2.71	2.61	76.15	1874.2	.060	1.18	1.17	21.3	25.3	.225	.214	614	37.0	4.1	1.01	.86	1.19	1.02	D
815	1034	1836.0	21.1	200	307	112	6.15	206.2	2.71	2.64	76.31	1875.1	.060	1.18	1.18	21.3	25.4	.226	.215	615	37.1	4.1	.92	.86	1.19	1.02	D
816	1051	1837.0	21.2	164	273	110	5.62	203.4	2.70	2.67	78.22	1877.6	.060	1.17	1.18	21.4	24.2	.225	.218	616	37.2	4.1	.90	.86	1.19	1.02	D
817	1054	1838.0	22.5	219	280	112	7.99	204.8	2.70	2.70	77.74	1877.7	.060	1.17	1.17	21.4	24.8	.225	.217	617	37.2	4.1	.97	.86	1.19	1.02	D
818	1056	1839.0	26.5	216	299	112	8.25	204.1	2.70	2.68	77.74	1878.0	.070	1.17	1.17	21.4	25.0	.226	.215	618	37.3	4.1	.94	.86	1.19	1.02	D
819	1100	1890.0	15.3	208	461	112	7.84	202.7	2.70	2.63	78.06	1879.2	.060	1.17	1.17	21.4	25.4	.226	.212	619	37.3	4.1	1.04	.86	1.19	1.02	D
820	1103	1891.0	20.9	221	317	112	8.49	202.7	2.69	2.68	78.54	1880.1	.060	1.17	1.17	21.4	25.6	.226	.212	620	37.4	4.1	1.01	.86	1.19	1.01	D

STATOIL : 15/9-13

Data Printed at time 14:46 Date Feb 24 '84
Data Received at time 11:06 Date Jan 2 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MXB	ECD	MXED	
821	1106	1892.0	20.1	208	339	112	7.27	202.7	2.70	2.69	79.18	1881.1	.050	1.18	1.17	21.3	25.6	.226	.212	621	37.4	4.1	.97	.87	1.19	1.01	D
822	1109	1893.0	16.6	197	279	113	7.24	202.0	2.70	2.69	79.65	1881.6	.040	1.19	1.17	21.3	25.8	.227	.212	622	37.5	4.1	1.01	.87	1.19	1.01	D
823	1116	1894.0	7.93	202	381	113	8.22	202.0	2.70	2.69	80.77	1882.5	.060	1.20	1.17	21.4	25.7	.228	.212	623	37.6	4.1	1.23	.87	1.19	1.01	D
824	1119	1895.0	18.5	204	290	113	7.63	202.7	2.70	2.68	80.92	1883.6	.150	1.21	1.18	21.4	25.7	.228	.217	624	37.7	4.1	1.00	.87	1.19	1.01	D
825	1124	1896.0	13.5	207	369	112	8.21	203.4	2.69	2.76	81.24	1884.2	.160	1.20	1.17	21.5	25.9	.229	.217	625	37.7	4.1	1.08	.87	1.19	1.01	D
+ Weight up mud to 1.20 g/cc, drop survey and wiper trip.																											
828	1432	1897.0	31.7	255	310	111	9.78	215.1	2.70	2.70	88.87	1896.8	.020	1.19	1.20	21.6	14.2	.229	.253	626	38.7	4.2	.89	.87	1.22	1.01	D
829	1434	1898.1	19.6	231	337	111	9.51	210.3	2.70	2.63	88.56	1896.8	.020	1.21	1.20	21.6	10.8	.229	.245	627	38.7	4.2	1.01	.87	1.22	1.00	D
830	1436	1899.1	26.9	218	288	111	7.94	210.3	2.69	2.94	88.71	1896.8	.020	1.21	1.20	21.6	12.6	.230	.216	628	38.8	4.2	.90	.87	1.22	1.01	D
831	1438	1900.1	28.1	222	316	111	8.70	210.3	2.70	2.93	88.71	1896.8	.020	1.21	1.20	21.6	16.9	.230	.197	629	38.8	4.2	.91	.87	1.22	1.01	D
832	1440	1901.0	30.7	225	302	110	8.87	210.3	2.70	2.92	88.71	1896.8	.020	1.21	1.20	21.6	21.5	.230	.191	630	38.8	4.2	.90	.87	1.22	1.01	D
833	1445	1902.0	10.8	215	354	111	8.99	210.3	2.70	2.94	88.56	1896.8	.020	1.20	1.20	21.0	25.2	.232	.203	631	38.9	4.2	1.13	.87	1.22	1.01	D
834	1447	1903.0	32.8	223	295	112	8.01	210.3	2.70	2.95	88.40	1896.8	.020	1.21	1.20	20.9	25.1	.233	.206	632	39.0	4.2	.86	.87	1.22	1.01	D
835	1449	1904.0	31.0	227	288	111	8.39	211.7	2.70	2.91	88.40	1896.8	.020	1.21	1.20	20.7	25.2	.233	.209	633	39.0	4.2	.88	.87	1.22	1.01	D
836	1451	1905.0	28.0	211	298	111	7.43	211.0	2.70	2.87	88.24	1896.8	.020	1.20	1.20	20.6	25.2	.232	.210	634	39.0	4.2	.88	.87	1.22	1.01	D
837	1453	1906.1	27.2	204	306	111	7.24	211.0	2.70	2.87	88.24	1896.8	.020	1.20	1.20	20.5	25.2	.232	.211	635	39.1	4.2	.88	.87	1.22	1.02	D
838	1518	1907.0	24.2	194	298	102	8.12	204.1	2.64	2.86	87.44	1896.8	.100	1.19	1.20	20.5	24.9	.227	.219	636	39.2	4.2	.91	.86	1.22	1.02	D
839	1523	1908.0	13.2	219	300	104	8.65	210.3	2.71	2.89	86.81	1896.8	.190	1.20	1.20	20.6	24.3	.227	.217	637	39.3	4.2	1.06	.87	1.22	1.02	D
840	1525	1909.1	28.9	221	307	104	8.52	210.3	2.71	2.89	86.97	1896.8	.190	1.20	1.20	20.7	25.2	.227	.215	638	39.3	4.2	.89	.86	1.22	1.02	D
841	1529	1910.0	11.2	207	334	105	9.65	210.3	2.51	2.84	86.81	1897.0	.200	1.19	1.20	20.8	25.9	.226	.229	639	39.4	4.2	1.13	.86	1.22	1.02	D
842	1534	1911.0	18.0	247	294	73	2.89	153.1	2.26	2.81	88.87	1897.9	.100	1.20	1.20	20.9	26.0	.226	.228	640	39.5	4.2	.72	.86	1.22	1.02	D
843	1537	1912.0	22.3	227	354	115	8.13	153.1	2.26	2.75	88.08	1898.8	.120	1.20	1.20	20.9	26.0	.226	.228	641	39.5	4.2	.96	.87	1.22	1.02	D
844	1540	1913.0	20.4	226	307	115	8.04	154.4	2.28	2.83	87.60	1899.9	.100	1.20	1.20	21.0	25.6	.227	.223	642	39.6	4.2	.97	.87	1.22	1.02	D
845	1543	1914.0	16.5	196	290	116	6.17	153.8	2.27	2.85	86.97	1901.2	.070	1.19	1.20	21.1	25.7	.227	.220	643	39.6	4.2	.96	.87	1.22	1.01	D
846	1547	1915.0	16.6	203	299	116	5.97	153.8	2.26	2.83	86.49	1901.5	.060	1.19	1.20	21.2	25.9	.227	.216	644	39.7	4.2	.95	.87	1.22	1.01	D
847	1605	1916.0	8.05	178	275	115	4.54	208.2	2.62	2.62	86.97	1906.3	.050	1.19	1.20	21.5	25.9	.227	.216	645	39.9	4.3	1.03	.87	1.21	1.01	D
848	1608	1917.0	20.7	214	269	112	8.41	208.2	2.67	2.92	84.10	1906.4	.070	1.19	1.20	21.6	25.2	.228	.219	646	39.9	4.3	.98	.87	1.21	1.01	D
849	1611	1918.0	20.7	216	404	113	7.63	208.2	2.67	2.88	83.47	1906.4	.050	1.19	1.20	21.6	24.8	.229	.219	647	40.0	4.3	.96	.87	1.21	1.01	D
850	1614	1919.0	21.5	195	287	112	7.65	208.2	2.67	2.91	83.63	1906.4	.050	1.19	1.20	21.6	25.2	.228	.214	648	40.0	4.3	.95	.87	1.21	1.01	D
851	1617	1920.0	23.4	218	323	112	9.44	208.9	2.68	2.89	83.63	1906.4	.050	1.20	1.20	21.7	25.5	.229	.214	649	40.0	4.3	.93	.87	1.21	1.01	D
852	1619	1921.0	24.5	205	294	112	8.46	208.9	2.68	2.90	83.79	1906.5	.050	1.20	1.20	21.7	25.9	.228	.212	650	40.1	4.3	.94	.87	1.21	1.01	D
853	1622	1922.0	21.0	204	330	113	8.73	210.3	2.68	2.90	83.79	1907.2	.050	1.21	1.20	21.7	26.2	.228	.213	651	40.1	4.3	.99	.87	1.21	1.01	D
854	1624	1923.0	21.5	207	305	112	8.63	211.0	2.68	2.89	83.79	1907.8	.040	1.19	1.20	21.7	26.3	.228	.213	652	40.2	4.3	.98	.88	1.21	1.01	D
855	1629	1924.0	13.6	203	298	113	9.03	208.2	2.65	2.90	83.95	1909.6	.040	1.20	1.20	21.8	26.2	.229	.214	653	40.2	4.3	1.09	.88	1.21	1.01	D
856	1632	1925.0	19.3	203	271	113	8.49	208.2	2.65	2.89	84.26	1910.0	.050	1.20	1.20	21.8	26.2	.229	.213	654	40.3	4.3	1.00	.88	1.21	1.00	D
857	1655	1926.0	14.8	177	311	107	8.67	211.7	2.63	2.89	83.15	1915.9	.070	1.19	1.20	22.1	25.7	.226	.215	655	40.5	4.3	1.05	.88	1.21	1.00	D
858	1658	1927.0	19.3	212	308	109	7.66	206.2	2.63	2.83	83.31	1916.0	.060	1.20	1.20	22.2	26.1	.227	.214	656	40.5	4.3	.96	.88	1.21	1.00	D
859	1700	1928.0	20.1	216	309	108	8.90	207.5	2.62	2.88	83.15	1916.0	.060	1.20	1.20	22.4	26.2	.227	.214	657	40.6	4.3	.99	.88	1.21	1.00	D
860	1705	1929.0	12.1	208	369	109	9.34	206.2	2.63	2.92	83.47	1917.3	.050	1.19	1.20	22.3	26.5	.226	.216	658	40.7	4.3	1.11	.88	1.21	1.00	D
861	1709	1930.0	17.8	204	336	109	8.99	206.2	2.63	2.90	83.63	1918.4	.050	1.20	1.20	22.3	26.6	.227	.216	659	40.7	4.3	1.02	.88	1.21	.999	D
862	1711	1931.0	22.7	214	296	108	8.12	203.2	2.62	2.83	83.31	1919.4	.060	1.20	1.20	22.3	26.9	.227	.215	660	40.8	4.3	.94	.88	1.22	1.00	D
863	1714	1932.0	22.6	225	316	108	9.23	206.2	2.63	2.91	82.83	1920.4	.050	1.20	1.20	22.3	26.8	.227	.215	661	40.8	4.3	.97	.88	1.22	.999	D
864	1716	1933.0	23.7	209	263	108	8.46	206.8	2.62	2.90	82.83	1921.4	.060	1.20	1.20	22.3	26.9	.227	.217	662	40.9	4.3	.94	.88	1.22	.999	D
865	1719	1934.0	20.8	214	349	109	8.23	203.4	2.63	2.85	82.83	1922.4	.060	1.21	1.20	22.3	27.1	.226	.215	663	40.9	4.4	.96	.89	1.22	.999	D
866	1722	1935.0	24.8	205	272	109	7.74	206.2	2.62	2.85	82.51	1923.3	.050	1.19	1.20	22.3	27.3	.227	.216	664	40.9	4.4	.91	.88	1.22	1.00	D
867	1741	1936.0	26.9	195	318	111	8.94	209.6	2.67	2.89	81.24	1925.7	.140	1.20	1.20	22.4	27.2	.228	.221	665	41.1	4.4	.93	.88	1.21	1.00	D
868	1743	1937.0	27.0	206	274	113	7.78	208.2	2.67	2.86	81.40	1925.7	.130	1.20	1.20	22.4	27.5	.227	.213	666	41.1	4.4	.90	.88	1.21	1.00	D
869	1747	1938.0	15.7	201	327	113	6.63	210.3	2.68	2.86	81.03	1925.7	.140	1.20	1.20	22.4	27.1	.228	.220	667	41.2	4.4	.93	.88	1.21	1.00	D
870	1750	1939.0	20.8	205	280	113	7.26	209.6	2.66	2.86	80.92	1925.8	.100	1.19	1.20	22.5	27.4	.229	.218	668	41.2	4.4	.94	.88	1.22	1.00	D
871	1755	1940.1	12.6	200	296	113	7.39	210.3	2.67	2.84	80.61	1927.6	.080	1.19	1.20	22.5	27.3	.228	.218	669	41.3	4.4	1.05	.88	1.22	1.00	D

STATOIL : 15/9-18

Data Printed at time 14:52 Date Feb 24 '84
Data Recorded at time 17:53 Date Jan 2 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXD	
872	1758	1941.0	19.2	196	283	113	6.82	211.0	2.67	2.83	80.45	1928.4	.090	1.20	1.20	22.6	27.5	.228	.215	670	41.3	4.4	.94	.88	1.22	1.00	D
873	1801	1942.0	20.5	202	274	113	7.52	213.0	2.66	2.86	80.61	1928.8	.080	1.20	1.20	22.7	27.7	.228	.215	671	41.4	4.4	.95	.88	1.22	1.00	D
874	1804	1943.0	20.0	204	269	113	7.78	213.7	2.67	2.86	80.61	1929.8	.070	1.21	1.20	22.7	27.8	.228	.217	672	41.4	4.4	.97	.89	1.22	1.00	D
875	1807	1944.0	17.9	191	300	113	6.34	211.7	2.68	2.83	80.45	1930.9	.040	1.21	1.20	22.8	27.7	.228	.217	673	41.5	4.4	.94	.89	1.22	1.00	D
876	1811	1945.0	14.4	198	289	114	6.84	213.0	2.67	2.83	80.13	1932.5	.070	1.20	1.20	22.9	27.5	.228	.221	674	41.6	4.4	1.00	.89	1.22	.999	D
877	1833	1946.0	21.7	176	290	111	6.29	146.9	2.19	2.74	80.92	1935.3	.030	1.20	1.20	23.1	26.7	.228	.216	675	41.7	4.4	.90	.89	1.21	1.00	D
878	1836	1947.0	18.7	195	276	111	5.76	148.9	2.20	2.73	81.40	1935.3	.050	1.20	1.20	23.0	27.0	.228	.215	676	41.8	4.4	.91	.89	1.22	1.00	D
879	1841	1943.0	11.8	196	386	111	4.28	148.9	2.20	2.82	81.56	1936.4	.050	1.19	1.20	23.0	27.1	.227	.215	677	41.9	4.4	.93	.89	1.22	1.00	D
880	1845	1949.0	15.1	204	362	111	5.87	150.3	2.19	2.75	81.56	1937.3	.070	1.19	1.20	23.0	27.4	.227	.215	678	41.9	4.4	.95	.89	1.22	1.00	D
881	1848	1950.0	19.8	207	274	110	6.75	151.7	2.20	2.82	81.56	1938.1	.050	1.19	1.20	23.0	27.3	.228	.215	679	42.0	4.5	.93	.89	1.22	1.00	D
882	1855	1951.0	14.7	125	291	108	4.16	206.2	2.59	2.85	80.61	1939.7	.050	1.20	1.20	23.0	27.2	.227	.216	680	42.1	4.5	.83	.88	1.22	1.01	D
883	1857	1952.0	29.9	212	305	109	7.72	210.3	2.59	2.88	80.77	1940.1	.050	1.21	1.20	23.0	27.3	.227	.215	681	42.1	4.5	.87	.88	1.22	1.01	D
884	1900	1953.0	22.0	219	313	108	8.70	207.5	2.60	2.89	80.77	1941.0	.030	1.21	1.20	22.9	27.6	.226	.215	682	42.2	4.5	.96	.88	1.22	1.01	D
885	1903	1954.0	21.8	221	305	109	8.42	205.5	2.59	2.90	80.77	1941.9	.030	1.20	1.20	22.9	27.5	.227	.216	683	42.2	4.5	.96	.88	1.22	1.01	D
886	1920	1955.0	18.0	190	252	109	6.08	208.2	2.64	2.88	79.65	1945.3	.050	1.20	1.20	23.0	27.2	.227	.219	684	42.3	4.5	.92	.88	1.22	1.01	D
887	1926	1956.1	10.8	198	277	110	7.97	207.5	2.65	2.93	79.97	1945.3	.040	1.19	1.20	23.0	27.5	.227	.215	685	42.4	4.5	1.09	.88	1.22	1.01	D
888	1929	1957.0	19.8	204	285	110	7.13	207.5	2.65	2.93	80.45	1945.3	.050	1.21	1.20	23.0	27.7	.227	.215	686	42.5	4.5	.94	.88	1.22	1.01	D
889	1932	1958.1	20.1	202	264	110	6.91	208.9	2.64	2.90	80.45	1945.4	.040	1.20	1.21	23.0	27.9	.228	.215	687	42.5	4.5	.93	.88	1.22	1.01	D
890	1935	1959.0	17.6	203	291	110	7.19	209.6	2.64	2.88	80.13	1946.6	.050	1.20	1.21	23.0	28.0	.228	.216	688	42.6	4.5	.97	.88	1.22	1.01	D
891	1937	1960.0	22.8	219	323	109	7.74	210.3	2.64	2.83	80.13	1947.2	.060	1.20	1.21	23.1	27.9	.228	.216	689	42.6	4.5	.93	.88	1.22	1.01	D
892	1940	1961.0	19.6	212	277	110	7.94	207.5	2.61	2.84	80.13	1947.9	.060	1.21	1.21	23.1	27.9	.228	.216	690	42.7	4.5	.97	.88	1.22	1.01	D
893	1944	1962.0	17.6	188	262	110	7.10	207.5	2.60	2.83	80.13	1949.0	.080	1.20	1.21	23.1	28.2	.228	.217	691	42.7	4.5	.96	.88	1.22	1.01	D
894	1948	1963.0	14.6	190	255	110	7.44	208.2	2.61	2.87	80.13	1950.4	.080	1.21	1.21	23.1	28.0	.228	.217	692	42.8	4.5	1.01	.89	1.22	1.01	D
895	1953	1964.0	11.3	178	240	110	6.13	208.9	2.61	2.87	80.13	1951.4	.100	1.21	1.21	23.2	28.0	.227	.216	693	42.9	4.5	1.02	.89	1.22	1.00	D
896	2012	1965.0	14.0	199	274	111	6.69	208.2	2.63	2.91	78.54	1954.9	.060	1.19	1.21	23.3	27.3	.227	.217	694	43.0	4.5	1.00	.89	1.22	1.00	D
897	2014	1966.0	33.3	216	269	110	7.03	209.6	2.63	2.89	78.86	1954.9	.050	1.19	1.21	23.3	27.3	.227	.217	695	43.1	4.5	.83	.89	1.22	1.00	D
898	2016	1967.0	26.4	202	303	111	6.58	209.6	2.63	2.87	79.18	1954.9	.060	1.20	1.21	23.3	27.2	.227	.215	696	43.1	4.6	.86	.89	1.22	1.00	D
899	2018	1968.0	36.5	195	262	111	5.23	209.6	2.63	2.89	79.33	1955.4	.040	1.19	1.21	23.3	27.2	.228	.214	697	43.1	4.6	.76	.89	1.22	1.00	D
900	2020	1969.0	27.9	208	351	112	6.57	208.2	2.63	2.90	79.33	1955.7	.050	1.19	1.21	23.3	27.2	.228	.215	698	43.2	4.6	.85	.89	1.22	1.00	D
901	2022	1970.0	23.7	239	326	110	8.10	208.2	2.63	2.88	79.49	1956.0	.060	1.20	1.21	23.4	27.2	.228	.214	699	43.2	4.6	.93	.89	1.22	1.00	D
902	2025	1971.0	20.2	230	297	111	7.48	208.9	2.64	2.90	79.49	1956.9	.050	1.20	1.21	23.4	27.2	.228	.213	700	43.3	4.6	.95	.89	1.22	1.00	D
903	2028	1972.0	22.7	211	280	111	6.30	208.9	2.64	2.89	79.65	1957.7	.050	1.21	1.21	23.4	27.2	.227	.214	701	43.3	4.6	.89	.89	1.22	1.01	D
904	2031	1973.0	20.6	219	294	111	7.22	208.9	2.63	2.93	79.49	1958.6	.060	1.20	1.21	23.4	27.1	.228	.215	702	43.4	4.6	.93	.89	1.22	1.01	D
905	2033	1974.0	24.6	221	288	111	7.56	208.9	2.64	2.95	79.49	1959.5	.050	1.21	1.21	23.4	27.0	.227	.215	703	43.4	4.6	.91	.89	1.22	1.01	D
906	2049	1975.0	26.5	204	293	112	6.71	208.2	2.63	2.90	78.70	1963.1	.040	1.20	1.21	23.5	26.5	.227	.216	704	43.5	4.6	.87	.88	1.22	1.01	D
907	2057	1976.0	7.62	206	404	112	6.07	207.5	2.64	2.92	79.18	1964.3	.060	1.21	1.21	23.5	26.3	.227	.215	705	43.6	4.6	1.09	.88	1.22	1.01	D
908	2059	1977.0	23.7	203	370	113	5.44	208.2	2.63	2.86	79.18	1964.4	.060	1.20	1.21	23.5	26.3	.227	.214	706	43.7	4.6	.85	.88	1.22	1.01	D
909	2102	1978.0	23.7	209	269	112	5.39	208.2	2.64	2.90	79.18	1964.4	.040	1.20	1.21	23.6	26.4	.226	.214	707	43.7	4.6	.85	.88	1.22	1.01	D
910	2105	1979.0	19.2	212	276	112	5.61	208.2	2.64	2.90	79.02	1964.4	.050	1.22	1.21	23.6	26.4	.227	.214	708	43.8	4.6	.90	.88	1.22	1.01	D
911	2107	1980.0	23.6	203	266	113	5.15	208.2	2.64	2.91	79.18	1964.6	.060	1.21	1.21	23.6	26.4	.228	.216	709	43.8	4.6	.84	.88	1.22	1.01	D
912	2117	1981.0	6.39	199	351	113	6.49	208.2	2.64	2.92	79.33	1969.2	.060	1.19	1.21	23.6	26.3	.228	.216	710	44.0	4.6	1.15	.88	1.22	1.01	D
913	2119	1982.0	26.1	211	276	113	6.67	208.2	2.63	2.91	79.18	1970.0	.070	1.20	1.21	23.6	26.3	.228	.216	711	44.0	4.6	.87	.88	1.22	1.02	D
914	2122	1983.0	19.4	206	282	112	5.51	209.6	2.65	2.92	79.18	1971.1	.050	1.21	1.21	23.7	26.4	.227	.216	712	44.0	4.6	.89	.88	1.22	1.02	D
915	2140	1984.0	23.4	183	277	112	5.57	204.1	2.61	2.87	78.86	1974.2	.030	1.20	1.21	23.7	27.1	.227	.216	713	44.2	4.6	.88	.88	1.22	1.02	D
916	2143	1985.0	15.1	217	330	112	6.71	204.1	2.62	2.90	78.70	1974.2	.050	1.20	1.21	23.7	26.7	.227	.219	714	44.2	4.7	.98	.88	1.22	1.02	D
917	2146	1986.0	27.9	220	293	112	5.97	204.8	2.62	2.90	78.86	1974.5	.040	1.20	1.21	23.7	26.5	.227	.214	715	44.3	4.7	.84	.88	1.22	1.02	D
918	2148	1987.0	27.6	234	352	112	6.44	205.5	2.62	2.92	78.70	1975.0	.040	1.19	1.21	23.7	26.6	.228	.213	716	44.3	4.7	.85	.88	1.22	1.02	D
919	2150	1988.0	21.5	243	500	111	5.27	206.2	2.62	2.89	78.54	1975.3	.040	1.21	1.21	23.7	26.6	.227	.212	717	44.4	4.7	.86	.88	1.22	1.02	D
920	2153	1989.0	19.4	230	330	112	5.28	205.5	2.63	2.91	78.70	1975.4	.050	1.20	1.21	23.7	26.5	.223	.212	718	44.4	4.7	.88	.88	1.22	1.02	D
921	2156	1990.0	22.6	220	303	112	5.36	205.5	2.62	2.92	78.54	1976.2	.050	1.20	1.21	23.7	26.6	.228	.213	719	44.5	4.7	.85	.87	1.22	1.03	D

STATOIL : 15/9-18

Data Printed at time 14:53 Date Feb 24 '84
Data Reco at time 21:59 Date Jan 2 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXTD	
922	2159	1991.0	19.5	224	291	112	5.66	206.2	2.62	2.93	78.70	1977.5	.070	1.20	1.21	23.7	26.6	.227	.214	720	44.5	4.7	.89	.87	1.22	1.03	D
923	2204	1992.0	10.4	225	287	112	7.17	206.2	2.62	2.93	78.70	1979.5	.050	1.19	1.21	23.7	26.5	.228	.214	721	44.6	4.7	1.07	.87	1.22	1.03	D
924	2222	1993.0	20.5	211	292	112	6.15	208.9	2.63	2.87	79.81	1982.2	.060	1.20	1.21	23.8	26.5	.226	.217	722	44.7	4.7	.90	.87	1.22	1.03	D
925	2225	1994.0	27.7	219	314	112	5.89	209.9	2.63	2.88	78.70	1982.9	.080	1.20	1.21	23.7	26.4	.226	.219	723	44.8	4.7	.84	.87	1.22	1.03	D
926	2228	1995.0	19.1	215	299	112	6.03	208.9	2.64	2.91	78.22	1983.6	.060	1.20	1.21	23.7	26.3	.227	.216	724	44.8	4.7	.91	.87	1.22	1.03	D
927	2231	1996.0	16.4	219	455	112	5.63	208.9	2.64	2.91	78.22	1983.6	.060	1.20	1.21	23.7	26.2	.226	.213	725	44.9	4.7	.93	.87	1.22	1.03	D
928	2234	1997.0	20.5	229	301	112	6.00	208.2	2.63	2.91	78.22	1983.6	.050	1.21	1.21	23.8	26.2	.227	.212	726	44.9	4.7	.90	.87	1.22	1.03	D
929	2238	1998.0	15.1	225	293	112	6.50	208.9	2.64	2.87	78.06	1984.2	.050	1.20	1.21	23.8	26.3	.226	.213	727	45.0	4.7	.97	.87	1.22	1.03	D
930	2241	1999.0	24.2	228	307	112	6.69	208.9	2.64	2.88	78.06	1984.7	.050	1.20	1.21	23.8	26.4	.227	.214	728	45.0	4.7	.89	.87	1.22	1.04	D
931	2245	2000.0	14.0	213	276	112	6.81	208.9	2.64	2.87	77.90	1986.6	.070	1.20	1.21	23.8	26.5	.226	.214	729	45.1	4.7	1.00	.87	1.22	1.03	D
932	2250	2001.0	11.2	219	320	112	7.13	208.2	2.64	2.86	78.22	1988.6	.080	1.21	1.21	23.8	26.6	.226	.215	730	45.2	4.7	1.06	.87	1.22	1.03	D
933	2254	2002.0	13.4	205	267	112	6.28	208.9	2.64	2.88	77.90	1990.2	.070	1.20	1.21	23.8	26.7	.226	.215	731	45.3	4.7	.99	.87	1.22	1.03	D
+ Drop survey and make wiper trip.																											
Date Jan 3 '84																											
937	0209	2003.0	46.2	213	305	108	9.30	203.4	2.63	2.63	80.45	1996.5	0.00	1.21	1.21	23.0	14.5	.225	.266	732	45.4	4.8	.82	.87	1.21	1.03	D
938	0212	2004.1	19.4	232	351	110	10.7	203.4	2.59	2.59	78.86	1996.8	.030	1.19	1.21	23.0	11.6	.225	.264	733	45.5	4.8	1.05	.87	1.21	1.03	D
939	0216	2005.0	14.9	223	334	110	7.73	204.1	2.62	2.62	79.02	1997.2	.040	1.19	1.21	23.0	11.2	.225	.197	734	45.5	4.8	1.02	.87	1.21	1.03	D
940	0220	2006.0	15.7	216	281	111	6.74	204.1	2.62	2.62	79.97	1997.6	.050	1.21	1.21	22.9	17.6	.225	.185	735	45.6	4.8	.98	.88	1.21	1.03	D
941	0225	2007.0	12.1	208	296	110	7.00	204.1	2.62	2.62	79.18	1998.0	.040	1.20	1.21	22.4	25.0	.229	.202	736	45.7	4.8	1.04	.88	1.21	1.03	D
942	0223	2008.0	15.1	209	275	111	7.44	204.8	2.61	2.65	79.18	1998.4	.040	1.21	1.21	21.7	25.3	.231	.207	737	45.7	4.8	1.01	.88	1.22	1.03	D
943	0233	2009.0	13.7	207	273	111	7.31	206.2	2.62	2.57	79.02	1998.9	.030	1.20	1.21	21.2	25.4	.231	.203	738	45.8	4.8	1.02	.88	1.22	1.02	D
944	0238	2010.0	12.6	203	282	111	7.42	206.8	2.63	2.51	78.38	1999.4	.040	1.20	1.21	20.8	25.5	.229	.210	739	45.9	4.8	1.05	.88	1.22	1.02	D
945	0241	2011.0	20.3	212	287	111	7.93	207.5	2.62	2.60	78.38	1999.6	.030	1.20	1.21	20.8	26.0	.228	.212	740	45.9	4.8	.96	.88	1.22	1.02	D
946	0244	2012.0	15.1	209	319	111	7.63	204.8	2.60	2.60	78.06	2000.0	.040	1.21	1.21	20.8	25.9	.227	.213	741	46.0	4.8	1.01	.88	1.22	1.02	D
947	0306	2013.0	21.9	205	286	117	6.42	206.8	2.62	2.65	79.02	2001.5	.280	1.20	1.21	21.4	27.7	.225	.226	742	46.1	4.8	.91	.88	1.22	1.02	D
948	0312	2014.0	10.1	203	275	118	5.64	206.2	2.62	2.63	78.38	2002.6	.130	1.20	1.21	21.6	27.3	.225	.228	743	46.2	4.8	1.03	.88	1.22	1.02	D
949	0316	2015.0	16.2	202	316	119	5.80	205.5	2.61	2.68	78.06	2003.6	.070	1.21	1.21	21.7	27.4	.225	.222	744	46.3	4.8	.95	.88	1.22	1.02	D
950	0320	2016.0	15.9	203	278	118	5.63	206.2	2.62	2.64	77.74	2004.4	.050	1.21	1.21	21.9	27.4	.226	.216	745	46.4	4.8	.94	.88	1.22	1.02	D
951	0323	2017.0	16.1	219	487	118	5.48	206.8	2.62	2.63	77.74	2005.2	.040	1.21	1.21	22.1	27.7	.226	.214	746	46.4	4.8	.94	.88	1.22	1.02	D
952	0328	2018.0	11.9	210	494	118	5.21	206.2	2.62	2.63	77.59	2006.5	.040	1.21	1.21	22.3	27.6	.225	.214	747	46.5	4.8	.98	.88	1.22	1.02	D
953	0331	2019.0	17.4	207	293	118	5.76	206.2	2.62	2.63	77.59	2007.3	.040	1.21	1.21	22.4	27.6	.226	.214	748	46.5	4.8	.93	.88	1.22	1.02	D
954	0335	2020.0	17.8	218	286	118	6.33	206.2	2.61	2.54	77.90	2007.9	.040	1.21	1.21	22.5	27.6	.225	.214	749	46.6	4.8	.95	.88	1.22	1.02	D
955	0338	2021.0	17.8	223	304	118	6.54	206.2	2.62	2.63	77.74	2008.7	.030	1.21	1.21	22.6	27.5	.225	.215	750	46.7	4.9	.95	.88	1.22	1.02	D
956	0402	2022.1	15.8	184	292	114	5.85	198.6	2.56	2.57	78.38	2010.8	.030	1.20	1.21	23.0	27.2	.224	.216	751	46.8	4.9	.94	.88	1.23	1.02	D
957	0405	2023.0	19.2	232	410	111	6.42	202.7	2.59	2.58	78.06	2011.2	.030	1.20	1.21	23.0	26.9	.224	.217	752	46.9	4.9	.92	.88	1.23	1.02	D
958	0410	2024.0	10.3	237	498	110	4.46	203.4	2.59	2.58	78.70	2012.5	.040	1.20	1.21	23.0	27.1	.224	.214	753	47.0	4.9	.96	.88	1.23	1.02	D
959	0415	2025.0	13.4	189	278	112	5.98	202.7	2.59	2.60	78.38	2013.4	.030	1.21	1.21	23.1	27.5	.224	.213	754	47.0	4.9	.98	.88	1.23	1.02	D
960	0419	2026.0	13.0	192	305	112	6.28	201.3	2.60	2.60	78.38	2014.6	.030	1.21	1.21	23.1	27.9	.225	.213	755	47.1	4.9	.99	.89	1.23	1.02	D
961	0423	2027.0	13.9	205	288	112	7.48	202.0	2.59	2.63	78.22	2015.7	.030	1.21	1.21	23.1	27.6	.225	.214	756	47.2	4.9	1.02	.89	1.23	1.02	D
962	0427	2028.0	15.8	213	299	112	7.56	202.0	2.59	2.58	78.22	2016.3	.030	1.21	1.21	23.1	27.6	.225	.214	757	47.3	4.9	1.00	.89	1.23	1.02	D
963	0431	2029.0	15.9	203	331	112	6.99	201.3	2.58	2.61	78.22	2017.3	0.00	1.21	1.21	23.1	27.7	.225	.214	758	47.3	4.9	.98	.89	1.23	1.02	D
964	0435	2030.0	12.3	204	302	112	7.63	202.7	2.59	2.67	78.54	2018.8	.030	1.21	1.21	23.2	27.7	.225	.216	759	47.4	4.9	1.05	.89	1.23	1.02	D
965	0440	2031.0	12.9	193	306	112	5.84	201.3	2.58	2.70	78.86	2020.1	.040	1.21	1.21	23.2	27.7	.225	.215	760	47.5	4.9	.93	.89	1.23	1.02	D
966	0505	2032.0	18.5	239	318	113	10.1	204.1	2.60	2.60	78.70	2020.5	.020	1.20	1.21	23.2	25.4	.224	.222	761	47.7	4.9	1.04	.89	1.23	1.01	D
967	0507	2033.0	35.5	249	338	113	10.6	204.1	2.59	2.61	78.22	2020.7	.030	1.19	1.21	23.1	25.2	.224	.220	762	47.7	4.9	.91	.89	1.23	1.01	D
968	0510	2034.0	20.9	231	336	112	9.09	204.1	2.59	2.59	79.02	2021.6	.020	1.20	1.21	23.2	26.4	.224	.214	763	47.8	4.9	.98	.89	1.23	1.01	D
969	0513	2035.0	18.6	229	389	113	8.99	204.8	2.60	2.63	78.86	2022.3	.020	1.21	1.21	23.2	27.1	.225	.211	764	47.8	4.9	1.01	.89	1.23	1.01	D
970	0516	2036.0	19.2	244	358	113	9.40	204.1	2.60	2.61	78.70	2022.8	.030	1.20	1.21	23.1	27.2	.224	.212	765	47.9	4.9	1.01	.90	1.23	1.01	D
971	0518	2037.0	31.0	231	364	113	9.11	205.5	2.60	2.60	78.54	2023.2	.020	1.21	1.21	23.1	27.1	.224	.213	766	47.9	4.9	.90	.89	1.23	1.01	D
972	0520	2038.0	22.7	246	369	113	10.5	203.4	2.60	2.60	78.38	2023.8	.020	1.20	1.21	23.1	27.2	.224	.214	767	47.9	4.9	1.00	.90	1.23	1.01	D

STATOIL : 15/9-18

Data Printed at time 15:04 Date Feb 24 '84
Data Rec[illegible] at time 05:23 Date Jan 3 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXMD	
973	0523	2039.0	22.9	216	348	112	7.61	203.4	2.61	2.59	78.54	2024.2	.020	1.20	1.21	23.0	27.4	.225	.213	768	48.0	4.9	.92	.89	1.23	1.01	D
974	0526	2040.0	21.5	222	310	113	8.40	203.4	2.60	2.62	78.86	2024.9	.030	1.20	1.21	23.0	27.2	.225	.215	769	48.0	4.9	.96	.89	1.23	1.01	D
975	0546	2041.0	19.7	108	308	114	8.22	202.7	2.60	2.60	79.65	2029.0	.020	1.20	1.21	23.0	27.2	.223	.216	770	48.2	5.0	.98	.90	1.22	1.01	D
976	0549	2042.0	25.6	230	308	113	9.84	203.4	2.59	2.60	79.18	2029.5	.030	1.20	1.21	23.0	26.9	.224	.216	771	48.2	5.0	.96	.90	1.22	1.01	D
977	0552	2043.0	15.9	216	363	113	8.79	202.7	2.60	2.59	79.02	2029.9	.020	1.20	1.21	23.0	27.2	.224	.214	772	48.3	5.0	1.04	.90	1.23	1.01	D
978	0555	2044.0	21.5	227	307	113	9.32	203.4	2.60	2.65	79.02	2029.9	.020	1.20	1.21	23.0	27.1	.223	.214	773	48.3	5.0	.99	.90	1.23	1.01	D
979	0559	2045.0	17.7	228	333	113	9.09	204.1	2.60	2.60	79.02	2029.9	.020	1.20	1.21	23.1	27.6	.223	.213	774	48.4	5.0	1.02	.90	1.23	1.01	D
980	0602	2046.0	17.5	233	328	113	9.66	204.1	2.59	2.45	78.70	2029.9	.030	1.19	1.21	23.1	27.7	.223	.214	775	48.4	5.0	1.04	.90	1.23	1.01	D
981	0605	2047.0	20.1	232	353	113	8.99	203.4	2.60	2.59	78.86	2031.0	.030	1.21	1.21	23.1	27.8	.224	.213	776	48.5	5.0	.99	.90	1.23	1.01	D
982	0608	2048.0	20.6	229	327	113	9.22	202.7	2.60	2.68	78.70	2032.4	.030	1.21	1.21	23.1	27.7	.224	.214	777	48.5	5.0	.99	.90	1.23	1.01	D
983	0612	2049.1	15.9	222	329	114	9.04	202.7	2.59	2.61	79.18	2033.4	.030	1.20	1.21	23.1	27.5	.224	.214	778	48.6	5.0	1.05	.91	1.22	1.01	D
984	0617	2050.0	11.0	217	323	113	8.94	203.4	2.60	2.60	79.49	2035.6	.030	1.22	1.21	23.1	27.6	.225	.214	779	48.7	5.0	1.12	.91	1.22	1.01	D
+ Circulate 30 minutes, drop survey and POOH with NB#6.																											
+ NB#7, HTC J1, 12.25" w/15:15:15 jets.																											
+ Circulate while increase mud weight to 1.23 g/cc.																											
	Date	Jan 4 '84																									
7	1929	2051.0	76.3	150	474	119	5.49	203.4	2.51	2.54	81.40	2050.9	.190	1.22	1.24	20.2	25.4	.221	.219	.2	0.0	0.0	.63	.89	1.24	1.01	D
8	1937	2052.0	7.43	220	472	106	7.27	203.4	2.52	2.59	80.45	2050.9	.140	1.22	1.25	20.6	25.2	.220	.223	1.2	.1	.0	1.12	.89	1.24	1.01	D
10	1939	2053.0	24.2	210	316	108	6.23	203.4	2.51	2.36	80.13	2050.9	.110	1.22	1.24	20.7	25.3	.220	.221	2.2	.2	.0	.85	.90	1.24	1.01	D
11	1942	2054.0	19.5	209	314	108	5.89	202.7	2.52	2.56	79.81	2050.9	.100	1.22	1.25	20.8	25.1	.220	.222	3.2	.2	.0	.88	.90	1.25	1.01	D
12	1946	2055.0	19.1	214	460	109	6.43	202.7	2.51	2.29	79.81	2050.9	.080	1.23	1.27	20.9	24.8	.220	.222	4.2	.3	.1	.90	.90	1.25	1.01	D
13	1948	2056.0	23.2	209	393	107	6.45	202.7	2.52	2.14	79.33	2050.9	.060	1.24	1.29	21.0	24.8	.220	.222	5.2	.3	.1	.86	.90	1.25	1.01	D
14	1950	2057.0	26.0	226	324	107	6.98	202.0	2.52	2.57	79.18	2050.9	.060	1.24	1.28	21.1	24.7	.221	.222	6.2	.3	.1	.86	.90	1.24	1.01	D
15	1953	2058.0	25.3	203	418	109	5.78	201.3	2.52	2.29	79.02	2050.9	.050	1.24	1.25	21.1	24.8	.220	.221	7.2	.4	.1	.83	.90	1.24	1.01	D
16	1955	2059.0	27.0	229	354	107	7.61	200.6	2.52	2.40	78.70	2050.9	.050	1.24	1.23	21.2	24.7	.221	.223	8.2	.4	.1	.87	.90	1.25	1.01	D
17	1957	2060.0	25.9	219	332	107	7.23	200.6	2.52	2.48	78.54	2050.9	.050	1.23	1.23	21.2	24.9	.220	.222	9.2	.4	.1	.86	.90	1.25	1.01	D
18	2026	2061.0	25.2	168	330	110	5.80	199.3	2.51	2.32	78.70	2050.9	.020	1.24	1.23	21.4	24.8	.221	.225	10.2	.7	.1	.83	.90	1.25	1.01	D
19	2029	2062.0	22.6	217	340	111	7.23	199.3	2.52	2.42	77.90	2050.9	.020	1.23	1.23	21.4	23.1	.221	.228	11.2	.7	.1	.89	.90	1.25	1.01	D
20	2031	2063.0	23.1	231	313	110	7.68	200.6	2.51	2.54	77.59	2050.9	.020	1.23	1.23	21.5	23.8	.221	.221	12.2	.7	.1	.90	.91	1.25	1.01	D
21	2033	2064.0	31.0	233	302	110	8.08	200.6	2.53	2.57	77.59	2050.9	.020	1.23	1.23	21.5	23.8	.221	.221	13.2	.8	.1	.85	.91	1.25	1.01	D
22	2036	2065.0	23.2	231	332	110	7.95	202.0	2.53	2.54	77.43	2050.9	.020	1.24	1.23	21.5	24.5	.221	.221	14.2	.8	.1	.91	.91	1.25	1.01	D
23	2038	2066.0	24.1	228	320	110	8.37	201.3	2.53	2.33	77.43	2050.9	.020	1.24	1.23	21.5	24.7	.221	.222	15.2	.9	.1	.91	.91	1.25	1.01	D
24	2041	2067.0	25.9	221	298	110	6.66	202.0	2.53	2.38	77.43	2050.9	.020	1.24	1.23	21.5	24.7	.222	.223	16.2	.9	.2	.85	.91	1.25	1.01	D
25	2043	2068.0	22.7	221	332	110	7.23	200.6	2.53	2.58	79.97	2050.9	.020	1.24	1.23	21.4	24.8	.222	.224	17.2	.9	.2	.89	.91	1.25	1.01	D
26	2047	2069.0	16.6	200	492	108	7.90	202.0	2.53	2.58	78.86	2051.1	.030	1.24	1.23	21.4	24.9	.221	.226	18.2	1.0	.2	.97	.91	1.25	1.01	D
27	2107	2070.0	19.5	225	363	110	7.50	201.3	2.52	2.48	75.20	2054.7	.050	1.23	1.27	21.4	25.3	.221	.199	19.2	1.1	.2	.93	.91	1.25	1.01	D
28	2111	2071.1	15.6	229	314	111	6.49	201.3	2.52	2.49	74.57	2056.2	.050	1.23	1.27	21.5	25.0	.221	.210	20.2	1.2	.2	.94	.91	1.25	1.01	D
29	2114	2072.0	15.9	227	314	111	6.74	200.6	2.52	2.55	74.09	2057.6	.060	1.22	1.27	21.5	25.3	.220	.212	21.2	1.2	.2	.95	.92	1.25	1.01	D
30	2119	2073.0	13.0	231	320	112	6.80	201.3	2.52	2.59	73.77	2059.7	.060	1.22	1.27	21.6	25.4	.220	.216	22.2	1.3	.2	.99	.92	1.25	1.01	D
31	2123	2074.0	16.1	243	316	112	7.61	202.0	2.52	2.62	73.77	2060.8	.060	1.24	1.27	21.6	25.7	.220	.216	23.2	1.4	.2	.97	.92	1.25	1.01	D
32	2126	2075.0	17.5	232	320	112	7.36	202.7	2.52	2.39	74.41	2060.8	.050	1.23	1.27	21.7	25.7	.221	.217	24.2	1.4	.3	.95	.92	1.25	1.01	D
33	2129	2076.0	18.2	218	309	112	6.57	202.7	2.52	2.25	74.72	2060.9	.050	1.23	1.27	21.7	25.9	.221	.217	25.2	1.5	.3	.92	.92	1.25	1.01	D
34	2132	2077.0	21.4	228	346	112	7.12	202.0	2.52	2.27	74.57	2060.9	.040	1.23	1.27	21.7	25.8	.220	.217	26.1	1.5	.3	.90	.92	1.25	1.01	D
35	2136	2078.0	13.3	210	377	111	5.92	202.0	2.52	2.26	74.41	2062.1	.040	1.23	1.27	21.8	25.8	.220	.219	27.2	1.6	.3	.95	.92	1.25	1.01	D
36	2140	2079.0	16.5	218	311	112	6.42	202.0	2.52	2.27	74.25	2063.7	.050	1.23	1.27	21.9	25.9	.220	.219	28.2	1.7	.3	.93	.92	1.25	1.01	D
37	2202	2080.0	17.1	176	303	107	5.89	203.4	2.52	2.33	72.82	2069.4	.040	1.24	1.27	22.1	25.2	.221	.222	29.2	1.8	.3	.90	.92	1.25	1.01	D
38	2206	2081.0	18.3	221	329	111	6.51	202.7	2.52	2.40	72.50	2069.9	.040	1.23	1.27	22.1	25.2	.221	.220	30.2	1.9	.3	.92	.92	1.25	1.01	D
39	2207	2082.0	41.3	230	341	112	6.91	203.4	2.52	2.34	72.66	2069.9	.040	1.23	1.27	22.1	25.8	.221	.217	31.2	1.9	.3	.77	.93	1.25	1.01	D
40	2211	2083.0	16.1	235	315	111	8.02	202.0	2.52	2.34	72.18	2069.9	.030	1.23	1.27	22.2	25.9	.221	.216	32.2	2.0	.3	.99	.93	1.25	1.01	D
41	2215	2084.0	14.3	228	319	112	7.62	201.3	2.52	2.27	72.18	2070.1	.030	1.23	1.27	22.2	26.2	.221	.217	33.2	2.0	.4	1.00	.93	1.25	1.01	D

STATOIL : 15/9-18

Data Printed at time 15:12 Date Feb 24 '84
Data Rec[illegible]l at time 22:20 Date Jan 4 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TVD	DXC	NKB	ECD	NKID
42	2220	2085.0	11.6	228	321	111	7.18	202.0	2.52	2.30	72.18	2071.2	.030	1.23	1.27	22.2	26.3	.221	.217	34.2	2.1	.4	1.03	.93	1.25	1.00 D
43	2224	2086.0	14.5	228	327	112	7.01	201.3	2.53	2.37	71.86	2072.4	.030	1.23	1.27	22.2	26.3	.221	.218	35.2	2.2	.4	.93	.94	1.25	1.00 D
44	2228	2087.0	15.6	236	327	112	7.41	201.3	2.52	2.36	71.86	2073.2	.030	1.24	1.27	22.2	26.7	.221	.217	36.2	2.2	.4	.98	.94	1.25	1.00 D
45	2232	2088.0	15.3	235	311	111	7.65	201.3	2.53	2.19	71.86	2074.4	.030	1.24	1.27	22.2	26.6	.222	.217	37.2	2.3	.4	.99	.94	1.25	1.00 D
46	2236	2089.0	16.6	236	316	111	7.82	201.3	2.53	2.24	71.54	2075.5	.030	1.24	1.27	22.3	26.7	.221	.218	38.2	2.4	.4	.97	.94	1.25	1.00 D
47	2255	2090.0	13.5	223	330	111	7.37	201.3	2.53	2.39	70.43	2079.5	.030	1.24	1.27	22.5	26.0	.220	.221	39.2	2.5	.4	1.00	.94	1.25	.999 D
48	2258	2091.0	27.2	227	346	111	6.51	202.0	2.53	2.20	70.27	2079.8	.030	1.24	1.27	22.5	26.1	.220	.219	40.2	2.6	.4	.84	.94	1.25	1.00 D
49	2300	2092.0	22.9	218	317	111	6.34	202.7	2.54	2.21	70.11	2079.8	.020	1.23	1.26	22.5	26.6	.220	.216	41.2	2.6	.5	.86	.94	1.25	1.00 D
50	2303	2093.1	26.5	212	292	112	5.80	202.0	2.54	2.32	69.80	2079.8	.030	1.23	1.26	22.6	26.8	.220	.215	42.2	2.6	.5	.82	.94	1.25	1.01 D
51	2305	2094.0	24.3	209	321	112	5.95	202.0	2.53	2.31	69.80	2079.8	.020	1.24	1.26	22.6	26.9	.219	.215	43.2	2.7	.5	.84	.93	1.26	1.01 D
52	2307	2095.0	27.6	217	306	111	6.39	202.0	2.53	2.31	69.64	2079.8	.020	1.24	1.26	22.7	27.0	.218	.216	44.2	2.7	.5	.83	.93	1.26	1.02 D
53	2309	2096.0	29.8	222	318	111	6.83	202.0	2.53	2.29	69.48	2080.1	.030	1.24	1.26	22.7	27.1	.218	.216	45.2	2.7	.5	.82	.93	1.26	1.02 D
54	2314	2097.0	13.2	206	295	112	5.81	202.7	2.52	2.33	69.48	2081.6	.040	1.24	1.26	22.7	27.2	.218	.218	46.2	2.8	.5	.95	.93	1.26	1.02 D
55	2318	2098.0	14.2	200	294	112	5.50	202.7	2.53	2.41	69.16	2083.1	.030	1.25	1.26	22.8	27.3	.219	.218	47.2	2.9	.5	.92	.93	1.26	1.02 D
56	2325	2099.0	20.4	196	286	111	6.76	204.1	2.53	2.41	66.46	2084.5	.030	1.22	1.27	22.8	27.4	.218	.216	48.2	3.0	.5	.90	.93	1.26	1.02 D
57	2341	2100.0	11.5	203	407	113	7.39	204.8	2.53	2.31	65.82	2087.2	.030	1.23	1.27	23.0	27.1	.218	.219	49.2	3.1	.5	1.03	.93	1.26	1.02 D
58	2344	2101.0	22.0	190	338	113	5.65	204.8	2.53	2.30	65.66	2087.9	.030	1.24	1.27	23.0	27.3	.218	.218	50.2	3.2	.5	.85	.93	1.26	1.02 D
59	2348	2102.0	14.5	222	492	113	6.41	204.1	2.54	2.31	65.50	2089.0	.030	1.23	1.27	23.1	27.2	.219	.218	51.2	3.2	.5	.95	.93	1.26	1.02 D
60	2353	2103.0	11.7	227	346	112	5.76	203.4	2.54	2.35	65.18	2089.6	.020	1.23	1.27	23.1	27.5	.219	.217	52.1	3.3	.6	.97	.93	1.26	1.02 D
61	2359	2104.0	8.82	232	347	112	8.43	202.7	2.53	2.22	65.03	2089.8	.020	1.23	1.27	23.2	27.6	.218	.217	53.2	3.4	.6	1.12	.93	1.26	1.02 D
	Date	Jan 5 '84																								
62	0005	2105.0	10.7	239	337	111	10.0	201.3	2.52	2.23	65.03	2091.2	.030	1.23	1.27	23.3	27.8	.216	.217	54.2	3.5	.6	1.13	.94	1.26	1.02 D
63	0013	2106.0	6.97	225	313	112	8.68	202.0	2.54	2.22	64.71	2094.7	.050	1.24	1.26	23.4	28.1	.216	.217	55.2	3.7	.6	1.18	.94	1.25	1.02 D
64	0021	2107.0	8.66	228	364	112	8.70	201.3	2.53	2.38	63.91	2097.1	.040	1.24	1.26	23.5	28.1	.215	.216	56.2	3.8	.6	1.14	.94	1.25	1.02 D
65	0033	2108.0	4.41	213	355	113	9.73	201.3	2.54	2.19	63.28	2099.0	.030	1.24	1.25	23.7	28.2	.215	.215	57.1	4.0	.7	1.32	.94	1.25	1.02 D
66	0114	2109.0	2.37	189	249	113	10.0	203.4	2.54	2.39	61.21	2105.3	.020	1.23	1.25	24.1	28.4	.216	.213	58.2	4.5	.8	1.47	.94	1.25	1.02 D
67	0144	2110.0	2.00	196	270	99	14.7	202.7	2.53	2.31	59.94	2108.1	.020	1.23	1.25	24.1	29.4	.217	.211	59.2	5.0	.8	1.64	.94	1.24	1.02 D
68	0206	2111.0	2.74	225	308	88	20.3	202.7	2.53	2.27	59.98	2108.5	.020	1.24	1.25	24.4	29.5	.217	.213	60.2	5.4	.9	1.70	.94	1.24	1.02 D
69	0210	2112.0	16.9	289	469	86	16.9	204.1	2.54	2.21	58.83	2108.6	.020	1.22	1.24	24.4	29.5	.217	.213	61.2	5.4	.9	1.14	.94	1.24	1.02 D
Flowcheck.																										
71	0224	2113.0	12.2	265	452	87	15.8	206.2	2.54	2.08	60.73	2109.0	.020	1.22	1.24	24.5	29.2	.215	.213	62.2	5.6	.9	1.20	.94	1.24	1.02 D
72	0226	2114.0	32.7	277	359	88	16.6	206.2	2.56	2.15	59.78	2109.2	.020	1.22	1.24	24.5	29.2	.215	.213	63.2	5.6	.9	.98	.95	1.24	1.02 D
73	0228	2115.0	26.1	258	358	91	14.7	205.5	2.56	2.16	59.62	2109.3	.020	1.23	1.24	24.5	28.2	.216	.216	64.2	5.6	.9	1.00	.95	1.24	1.02 D
74	0231	2116.0	22.0	236	324	110	11.4	206.2	2.56	2.14	59.94	2109.5	.020	1.23	1.24	24.4	28.8	.216	.211	65.2	5.7	.9	1.02	.95	1.24	1.02 D
75	0233	2117.0	23.2	240	315	111	12.0	205.5	2.55	2.27	60.42	2109.5	.020	1.23	1.24	24.4	29.3	.216	.209	66.2	5.7	.9	1.02	.95	1.25	1.02 D
76	0236	2118.0	20.4	231	314	111	11.3	206.2	2.55	2.19	60.73	2109.5	.020	1.23	1.24	24.3	29.6	.217	.208	67.2	5.8	.9	1.03	.95	1.25	1.02 D
77	0239	2119.0	20.6	217	286	111	9.51	205.5	2.56	2.13	61.37	2109.7	.020	1.23	1.24	24.2	29.4	.217	.210	68.2	5.8	.9	.98	.96	1.25	1.02 D
78	0257	2120.0	21.4	204	292	112	10.0	205.5	2.56	2.25	64.23	2110.0	.020	1.23	1.24	24.0	29.5	.217	.213	69.2	5.9	.9	.99	.96	1.25	1.02 D
79	0259	2121.1	24.2	238	372	112	11.8	204.8	2.54	2.26	64.23	2110.1	.020	1.23	1.24	24.0	29.1	.217	.214	70.2	5.9	1.0	1.01	.96	1.25	1.02 D
80	0301	2122.0	29.0	234	297	112	12.2	205.5	2.54	2.16	64.55	2110.2	.020	1.23	1.24	24.0	29.4	.217	.212	71.2	6.0	1.0	.97	.96	1.25	1.02 D
81	0304	2123.0	23.7	229	310	112	11.4	205.5	2.55	2.20	64.87	2110.2	.020	1.23	1.24	24.0	29.0	.217	.213	72.2	6.0	1.0	1.00	.96	1.25	1.02 D
82	0306	2124.0	25.2	220	302	113	9.75	205.5	2.54	2.18	65.34	2110.4	.020	1.23	1.24	24.1	29.3	.217	.212	73.2	6.1	1.0	.95	.96	1.25	1.02 D
83	0309	2125.0	24.5	245	329	112	11.1	205.5	2.54	2.20	65.66	2110.5	.020	1.23	1.24	24.1	29.2	.216	.212	74.2	6.1	1.0	.98	.96	1.25	1.02 D
84	0312	2126.0	18.6	302	416	111	11.5	206.2	2.55	2.28	66.14	2110.7	.020	1.23	1.24	24.1	29.4	.217	.211	75.2	6.1	1.0	1.05	.96	1.25	1.02 D
85	0329	2127.0	4.07	280	503	104	8.28	205.5	2.56	2.21	63.52	2112.6	.030	1.23	1.24	24.2	29.6	.216	.211	76.2	6.4	1.0	1.27	.96	1.25	1.02 D
86	0336	2128.0	9.57	212	362	109	7.14	204.8	2.55	2.31	69.64	2115.5	.040	1.23	1.25	24.2	29.7	.216	.211	77.2	6.5	1.0	1.06	.97	1.25	1.01 D
87	0341	2129.0	9.83	206	306	109	7.19	204.8	2.55	2.35	70.27	2117.7	.040	1.23	1.25	24.3	29.7	.216	.211	78.2	6.6	1.0	1.06	.97	1.25	1.01 D
88	0400	2130.0	11.7	202	340	116	8.53	206.2	2.55	2.29	69.32	2119.5	.030	1.22	1.25	24.6	29.8	.214	.214	79.2	6.8	1.1	1.03	.97	1.25	1.01 D
89	0405	2131.0	13.1	243	501	116	7.76	204.8	2.56	2.29	69.16	2120.9	.040	1.23	1.25	24.7	29.1	.214	.213	80.2	6.9	1.1	1.03	.98	1.25	1.01 D
90	0408	2132.0	17.2	215	290	117	9.45	205.5	2.55	2.31	68.84	2122.4	.040	1.24	1.25	24.7	29.4	.214	.212	81.2	6.9	1.1	1.03	.98	1.25	1.01 D

STATOIL : 15/9-18

Data Printed at time 15:17 Date Feb 24 '84
Data Recorded at time 04:12 Date Jan 5 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXHD	
91	0412	2133.0	17.5	225	300	118	10.0	205.5	2.55	2.27	68.68	2123.7	.040	1.23	1.25	24.7	29.4	.215	.213	82.2	7.0	1.1	1.04	.98	1.25	1.01	D
92	0414	2134.0	22.4	219	311	117	10.1	205.5	2.56	2.27	68.52	2124.9	.040	1.24	1.25	24.7	29.4	.215	.213	83.2	7.0	1.1	.99	.98	1.25	1.01	D
93	0423	2135.0	7.21	215	314	117	12.8	205.5	2.54	2.30	68.05	2126.2	.030	1.23	1.25	24.7	29.3	.215	.213	84.2	7.2	1.1	1.32	.98	1.25	1.01	D
94	0424	2136.0	35.0	249	310	117	13.0	206.2	2.55	2.31	68.05	2126.2	.030	1.23	1.25	24.7	29.3	.216	.213	85.2	7.2	1.1	.95	.98	1.25	1.01	D
95	0426	2137.0	30.9	238	342	117	12.4	205.5	2.55	2.26	67.89	2126.2	.030	1.23	1.25	24.7	29.3	.216	.213	86.2	7.2	1.1	.97	.98	1.25	1.01	D
96	0429	2138.0	17.9	231	355	118	12.0	206.2	2.54	2.31	67.89	2126.3	.020	1.23	1.25	24.7	29.4	.215	.213	87.2	7.3	1.1	1.03	.98	1.25	1.01	D
97	0448	2139.0	10.6	190	290	117	9.00	202.7	2.52	2.23	68.05	2128.2	.030	1.23	1.25	24.7	29.7	.216	.214	88.2	7.4	1.1	1.11	.99	1.25	1.00	D
98	0450	2140.0	20.7	242	310	114	12.4	202.0	2.52	2.32	67.09	2128.7	.030	1.23	1.25	24.7	28.8	.217	.217	89.2	7.5	1.2	1.05	.99	1.25	1.00	D
99	0452	2141.0	30.1	250	409	114	13.3	202.0	2.51	2.23	66.93	2129.0	.030	1.23	1.25	24.7	28.8	.217	.217	90.2	7.5	1.2	.99	.99	1.25	1.00	D
100	0454	2142.0	27.4	247	335	114	12.7	203.4	2.52	2.28	66.77	2129.1	.030	1.23	1.25	24.7	29.2	.216	.214	91.2	7.5	1.2	.99	.99	1.25	1.01	D
101	0458	2143.0	19.3	231	299	115	9.80	202.7	2.52	2.27	66.77	2129.1	.030	1.22	1.25	24.7	29.5	.217	.212	92.1	7.6	1.2	1.01	.99	1.25	1.01	D
102	0502	2144.0	14.1	213	267	115	8.33	203.4	2.53	2.29	66.62	2129.2	.030	1.23	1.25	24.7	30.0	.217	.210	93.2	7.7	1.2	1.03	.99	1.25	1.01	D
103	0506	2145.0	12.6	211	284	115	8.78	203.4	2.52	2.22	66.30	2129.7	.030	1.23	1.25	24.7	30.1	.217	.211	94.2	7.7	1.2	1.07	.99	1.25	1.01	D
104	0511	2146.0	12.5	227	311	114	10.9	203.4	2.52	2.24	66.14	2130.8	.040	1.22	1.25	24.7	29.9	.217	.212	95.2	7.8	1.2	1.13	1.00	1.25	1.00	D
105	0514	2147.0	22.6	240	310	115	11.5	204.8	2.52	2.31	66.14	2131.3	.040	1.23	1.25	24.8	30.1	.217	.210	96.2	7.9	1.2	1.01	1.00	1.25	1.00	D
106	0517	2148.0	19.7	237	306	115	11.8	202.0	2.52	2.32	65.98	2132.5	.040	1.23	1.25	24.8	30.1	.217	.211	97.2	7.9	1.2	1.05	1.00	1.25	1.00	D
107	0534	2149.0	14.2	229	320	115	11.8	201.3	2.51	2.31	65.34	2134.7	.040	1.23	1.25	24.9	29.8	.216	.214	98.2	8.1	1.2	1.13	1.00	1.25	.998	D
108	0535	2150.0	27.8	253	313	116	12.9	201.3	2.51	2.31	65.03	2135.6	.030	1.23	1.26	24.9	29.5	.217	.215	99.2	8.1	1.2	1.00	1.00	1.25	.999	D
109	0539	2151.0	25.3	259	331	116	13.0	201.3	2.50	2.37	64.87	2136.7	.040	1.23	1.26	24.9	29.9	.217	.212	100	8.1	1.2	1.03	1.01	1.25	.999	D
110	0541	2152.0	22.6	254	391	117	12.7	202.7	2.51	2.27	64.87	2137.7	.040	1.23	1.26	25.0	30.2	.217	.211	101	8.2	1.3	1.05	1.01	1.25	.999	D
111	0544	2153.0	21.0	256	363	117	12.2	201.3	2.52	2.34	64.71	2138.5	.030	1.23	1.25	25.0	30.3	.216	.211	102	8.2	1.3	1.05	1.01	1.25	.999	D
112	0546	2154.0	27.2	259	322	116	13.1	202.0	2.51	2.40	64.55	2138.8	.030	1.23	1.26	25.0	30.4	.216	.211	103	8.3	1.3	1.01	1.01	1.25	.999	D
113	0551	2155.0	12.4	239	396	117	11.6	202.0	2.51	2.31	64.55	2139.0	.030	1.23	1.25	25.0	30.4	.216	.212	104	8.3	1.3	1.15	1.01	1.25	.996	D
114	0554	2156.0	17.5	232	308	118	9.94	202.0	2.52	2.37	64.71	2139.0	.030	1.23	1.25	25.1	30.3	.216	.213	105	8.4	1.3	1.04	1.01	1.25	.997	D
+ Flowcheck, circulate for 20 minutes, drop survey and make wiper trip.																											
118	0917	2157.0	32.1	255	502	108	12.9	210.3	2.56	2.40	65.50	2148.7	.020	1.24	1.24	23.4	11.6	.217	.244	106	8.6	1.3	.95	1.01	1.26	.999	D
119	0919	2158.0	25.4	265	490	109	11.6	210.3	2.56	2.36	65.34	2149.0	.030	1.24	1.24	23.4	18.1	.217	.206	107	8.7	1.3	.98	1.01	1.26	1.00	D
120	0921	2159.0	28.2	260	319	110	11.9	209.6	2.56	2.24	64.71	2149.3	.020	1.24	1.24	23.4	23.4	.218	.188	108	8.7	1.3	.96	1.01	1.26	1.00	D
121	0923	2160.0	23.3	247	290	110	10.4	210.3	2.56	2.33	64.39	2149.7	.030	1.24	1.24	23.3	25.9	.219	.188	109	8.7	1.3	.97	1.01	1.26	1.00	D
122	0926	2161.0	25.0	259	308	112	12.0	208.2	2.55	2.31	63.91	2150.0	.040	1.24	1.24	23.2	26.8	.220	.193	110	8.8	1.3	.99	1.01	1.26	1.01	D
123	0929	2162.0	18.8	255	319	112	11.5	208.2	2.55	2.64	63.91	2150.5	.030	1.24	1.24	23.0	27.3	.221	.199	111	8.8	1.3	1.04	1.01	1.26	1.01	D
124	0931	2163.0	26.4	269	320	111	12.5	208.2	2.55	2.46	63.91	2150.8	.030	1.24	1.24	22.4	27.2	.223	.207	112	8.9	1.3	.99	1.01	1.26	1.01	D
125	0934	2164.0	24.2	276	334	111	13.8	208.9	2.54	2.44	63.91	2151.2	.030	1.24	1.24	22.1	27.5	.224	.208	113	8.9	1.3	1.04	1.01	1.26	1.01	D
126	0937	2165.0	17.7	269	341	111	12.9	208.9	2.55	2.41	63.91	2151.7	.030	1.24	1.24	21.8	27.6	.224	.210	114	9.0	1.3	1.09	1.01	1.26	1.01	D
127	0939	2166.0	36.3	297	359	111	15.2	210.3	2.55	2.42	63.75	2151.9	.020	1.24	1.24	21.6	27.5	.223	.212	115	9.0	1.4	.97	1.01	1.26	1.01	D
128	0941	2167.0	25.9	269	333	112	13.3	211.0	2.54	2.40	63.91	2152.3	.030	1.24	1.24	21.4	27.5	.222	.213	116	9.0	1.4	1.01	1.01	1.26	1.01	D
129	0959	2168.0	22.8	238	323	110	11.9	211.0	2.55	2.24	64.39	2153.7	.040	1.23	1.24	21.5	26.2	.219	.218	117	9.1	1.5	1.01	1.01	1.26	1.01	D
130	1001	2169.0	28.5	271	327	112	12.5	210.3	2.56	2.22	63.75	2154.0	.040	1.24	1.24	21.5	25.3	.219	.221	118	9.2	1.5	.97	1.01	1.26	1.01	D
131	1004	2170.0	24.7	268	328	111	12.9	211.0	2.55	2.17	63.59	2154.4	.060	1.24	1.24	21.6	25.8	.219	.215	119	9.2	1.5	1.01	1.01	1.26	1.01	D
132	1006	2171.0	21.2	260	331	111	12.8	212.4	2.56	2.17	63.44	2154.8	.070	1.24	1.24	21.7	27.0	.219	.211	120	9.3	1.5	1.04	1.01	1.26	1.01	D
133	1009	2172.0	27.3	270	335	111	13.4	212.4	2.55	2.13	63.44	2155.1	.030	1.25	1.24	21.8	27.4	.218	.212	121	9.3	1.5	1.00	1.01	1.26	1.02	D
134	1011	2173.0	24.5	266	332	112	12.8	212.4	2.55	2.16	63.44	2155.5	.090	1.25	1.24	21.9	27.8	.217	.212	122	9.3	1.5	1.01	1.01	1.26	1.02	D
135	1015	2174.0	15.4	261	362	112	13.2	212.4	2.55	2.24	63.59	2156.0	.120	1.25	1.24	22.0	28.4	.217	.214	123	9.4	1.5	1.13	1.01	1.26	1.02	D
136	1017	2175.0	24.3	256	318	111	11.3	212.4	2.55	2.23	63.28	2156.4	.100	1.25	1.24	22.2	28.4	.218	.217	124	9.4	1.5	.93	1.01	1.26	1.02	D
+ Circulate for 20 minutes, drop survey and make wiper trip.																											
139	1216	2176.0	13.4	206	268	111	5.98	202.7	2.52	2.29	66.62	2175.9	0.00	1.26	1.24	22.4	21.0	.219	.230	125	9.7	1.6	.95	1.01	1.26	1.02	D
140	1223	2177.0	11.3	211	253	111	8.11	180.0	2.34	2.18	64.55	2175.9	.010	1.25	1.24	22.4	12.9	.219	.255	126	9.8	1.6	1.05	1.01	1.26	1.02	D
141	1226	2178.0	11.0	204	254	112	8.49	206.2	2.54	2.13	63.91	2175.9	.050	1.25	1.24	22.4	23.3	.219	.193	127	9.9	1.6	1.07	1.01	1.26	1.02	D
142	1230	2179.0	13.1	194	238	112	8.00	206.8	2.54	2.10	63.91	2175.9	.050	1.25	1.24	22.1	27.1	.222	.203	128	9.9	1.6	1.02	1.02	1.26	1.02	D
143	1235	2180.0	11.0	192	235	112	7.95	206.8	2.54	1.99	64.23	2175.9	.060	1.25	1.24	21.7	27.5	.223	.211	129	10.0	1.6	1.05	1.02	1.26	1.02	D

STATOIL : 15/9-18

Data Printed at time 15:24 Date Feb 24 '84
Data Rec at time 12:43 Date Jan 5 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	BXB	ECD	BXHD	
144	1243	2181.0	7.82	191	245	112	8.45	206.8	2.53	2.25	64.71	2175.9	.040	1.25	1.24	21.1	27.9	.222	.215	130	10.2	1.6	1.14	1.02	1.26	1.02	D
145	1247	2182.0	14.3	201	248	112	9.27	205.5	2.52	2.23	64.87	2175.9	.060	1.25	1.24	21.1	27.7	.220	.217	131	10.2	1.6	1.04	1.02	1.26	1.02	D
146	1252	2183.0	11.7	203	246	112	9.16	206.2	2.52	2.17	65.03	2175.9	.050	1.25	1.24	21.3	27.5	.219	.217	132	10.3	1.6	1.08	1.02	1.26	1.02	D
147	1257	2184.0	13.3	202	248	112	9.05	206.8	2.52	2.17	65.18	2175.9	.050	1.24	1.24	21.5	27.7	.218	.216	133	10.4	1.6	1.05	1.02	1.26	1.02	D
148	1301	2185.0	13.1	196	239	112	7.56	206.8	2.53	2.13	65.50	2175.9	.060	1.24	1.24	21.7	27.7	.217	.217	134	10.5	1.6	1.00	1.02	1.27	1.02	D
149	1323	2186.0	10.8	193	254	112	7.96	211.7	2.54	2.21	66.14	2176.4	.070	1.25	1.24	22.5	27.9	.218	.220	135	10.7	1.7	1.06	1.02	1.26	1.02	D
150	1330	2187.0	8.62	196	255	113	8.40	208.9	2.52	2.23	67.89	2177.7	.080	1.24	1.24	22.6	28.4	.219	.227	136	10.8	1.7	1.12	1.03	1.26	1.02	D
151	1335	2188.0	10.3	183	237	113	7.99	208.2	2.53	2.18	69.16	2178.9	.040	1.24	1.24	22.6	28.8	.220	.218	137	10.9	1.7	1.07	1.03	1.26	1.02	D
152	1351	2189.0	3.83	184	248	113	8.02	208.2	2.53	2.20	72.34	2181.5	.030	1.25	1.24	22.9	28.6	.222	.217	138	11.1	1.7	1.27	1.03	1.26	1.02	D
153	1357	2190.0	9.93	188	227	113	8.10	210.3	2.53	2.18	73.61	2182.8	.040	1.24	1.24	22.9	28.7	.222	.216	139	11.2	1.7	1.03	1.03	1.26	1.02	D
154	1404	2191.0	9.10	190	255	112	8.57	204.1	2.50	2.19	75.04	2184.2	.040	1.24	1.24	23.1	28.8	.221	.216	140	11.3	1.7	1.12	1.03	1.26	1.02	D
155	1409	2192.0	10.5	197	250	113	9.17	203.4	2.50	2.16	75.20	2185.1	.050	1.25	1.24	23.2	28.8	.221	.216	141	11.4	1.7	1.11	1.03	1.26	1.02	D
156	1415	2193.0	11.3	200	254	112	8.74	203.4	2.50	2.14	75.36	2185.1	.050	1.24	1.24	23.3	28.7	.220	.216	142	11.5	1.7	1.08	1.04	1.26	1.02	D
157	1420	2194.0	10.9	191	240	113	9.19	204.8	2.50	2.18	75.36	2185.3	.050	1.24	1.25	23.5	28.9	.220	.215	143	11.6	1.8	1.10	1.04	1.26	1.01	D
158	1444	2195.0	7.99	191	309	111	9.27	207.5	2.54	2.30	75.52	2188.2	.020	1.24	1.25	23.7	28.4	.220	.216	144	11.8	1.8	1.16	1.04	1.26	1.01	D
159	1450	2196.0	10.3	191	239	111	8.75	205.5	2.51	2.21	75.68	2188.3	.020	1.24	1.25	23.8	28.8	.218	.215	145	11.9	1.8	1.09	1.04	1.26	1.01	D
160	1455	2197.0	10.7	192	254	110	8.12	206.8	2.51	2.11	75.84	2188.9	.030	1.25	1.25	23.9	28.9	.217	.216	146	12.0	1.8	1.06	1.04	1.26	1.01	D
161	1502	2198.0	9.06	188	241	110	8.77	206.2	2.52	2.19	75.52	2189.9	.030	1.24	1.25	24.0	28.8	.217	.218	147	12.1	1.8	1.12	1.05	1.26	1.01	D
162	1507	2199.0	11.2	189	228	110	9.08	204.8	2.51	2.17	75.20	2190.6	.030	1.24	1.25	24.1	29.0	.218	.217	148	12.2	1.8	1.08	1.05	1.26	1.01	D
163	1515	2200.0	7.27	194	289	110	9.27	204.1	2.51	2.30	74.41	2192.1	.030	1.25	1.25	24.2	28.9	.217	.219	149	12.4	1.8	1.18	1.05	1.26	1.01	D
164	1522	2201.0	9.56	198	247	110	8.42	204.1	2.51	2.34	73.93	2193.2	.030	1.24	1.25	24.3	28.9	.218	.218	150	12.5	1.8	1.10	1.05	1.26	1.01	D
165	1526	2202.0	13.4	200	252	110	8.54	203.4	2.51	2.21	73.45	2194.0	.030	1.24	1.25	24.3	29.0	.218	.218	151	12.5	1.8	1.03	1.05	1.26	1.01	D
166	1531	2203.0	11.2	203	251	110	8.63	204.1	2.51	2.26	73.45	2194.6	.030	1.24	1.25	24.3	29.2	.219	.218	152	12.6	1.9	1.07	1.05	1.26	1.01	D
167	1551	2204.0	3.05	188	271	121	7.51	203.4	2.52	2.10	73.29	2196.0	.030	1.24	1.25	24.4	29.1	.219	.217	153	13.0	1.9	1.31	1.05	1.26	1.01	D
168	1616	2205.0	7.30	178	231	123	6.89	206.8	2.52	2.40	72.18	2199.4	.020	1.24	1.25	24.5	29.2	.217	.214	154	13.2	1.9	1.12	1.06	1.26	1.01	D
169	1625	2206.0	6.42	184	227	125	6.74	204.8	2.52	2.47	71.70	2200.6	.020	1.24	1.25	24.5	29.0	.218	.239	155	13.4	1.9	1.14	1.06	1.26	1.01	D
170	1648	2207.0	2.59	184	227	125	7.27	201.3	2.51	2.50	70.91	2203.3	.020	1.24	1.25	24.5	28.8	.219	.275	156	13.7	2.0	1.34	1.06	1.26	1.01	D
171	1712	2208.0	2.59	219	294	113	12.1	204.8	2.51	2.43	69.80	2204.5	.030	1.24	1.25	24.5	29.1	.219	.272	157	14.1	2.0	1.51	1.06	1.26	1.01	D
172	1720	2209.0	7.32	258	362	106	16.2	204.8	2.51	2.44	69.64	2205.2	.020	1.24	1.25	24.5	29.6	.219	.271	158	14.3	2.0	1.37	1.05	1.26	1.01	D
173	1722	2210.0	22.5	243	306	106	14.7	205.5	2.51	2.44	69.48	2205.4	.030	1.24	1.25	24.5	29.4	.220	.271	159	14.3	2.0	1.06	1.06	1.26	1.01	D
174	1725	2211.0	25.4	250	315	106	15.4	204.8	2.51	2.46	69.32	2205.7	.030	1.24	1.25	24.5	29.4	.219	.268	160	14.4	2.0	1.05	1.06	1.26	1.01	D
175	1727	2212.0	21.4	260	345	105	15.5	205.5	2.51	2.49	69.16	2206.1	.030	1.24	1.25	24.6	29.5	.219	.269	161	14.4	2.0	1.09	1.06	1.26	1.01	D
176	1731	2213.0	18.2	237	310	107	13.8	206.2	2.51	2.51	69.16	2206.6	.030	1.24	1.25	24.6	29.6	.220	.268	162	14.5	2.1	1.09	1.06	1.26	1.01	D
177	1736	2214.0	10.9	199	289	122	8.68	204.1	2.51	2.32	69.16	2206.8	.030	1.25	1.25	24.6	29.6	.219	.268	163	14.5	2.1	1.10	1.06	1.26	1.01	D
178	1800	2215.0	12.0	184	245	124	5.90	202.7	2.52	2.48	66.62	2207.0	.020	1.24	1.25	24.6	28.5	.219	.264	164	14.7	2.1	.99	1.06	1.26	1.01	D
179	1805	2216.0	11.9	198	239	126	6.16	203.4	2.52	2.48	66.46	2207.0	.020	1.23	1.25	24.6	29.5	.219	.263	165	14.8	2.1	1.00	1.06	1.26	1.02	D
180	1828	2217.0	2.68	194	316	120	7.50	203.4	2.52	2.57	65.34	2208.6	.040	1.24	1.25	24.6	29.6	.220	.264	166	15.2	2.1	1.34	1.05	1.26	1.02	D
181	1859	2218.0	1.92	190	320	114	8.33	202.7	2.52	2.43	64.23	2214.5	.050	1.23	1.25	24.8	29.6	.220	.266	167	15.7	2.2	1.44	1.06	1.25	1.02	D
182	1904	2219.0	11.2	195	240	119	7.24	204.1	2.52	2.41	63.91	2215.5	.050	1.23	1.25	24.8	30.1	.220	.264	168	15.8	2.2	1.05	1.06	1.25	1.02	D
183	1912	2220.0	7.64	187	254	119	6.93	205.5	2.52	2.34	63.75	2216.5	.020	1.23	1.23	24.9	30.3	.220	.262	169	15.9	2.2	1.11	1.06	1.25	1.02	D
184	1919	2221.0	8.97	187	236	119	6.92	204.8	2.52	2.28	63.59	2216.7	.030	1.23	1.23	25.0	29.9	.220	.264	170	16.0	2.2	1.03	1.06	1.25	1.02	D
185	1923	2222.0	6.66	189	240	119	6.78	204.8	2.52	2.33	63.12	2216.7	.030	1.22	1.23	25.0	30.1	.220	.262	171	16.2	2.2	1.13	1.07	1.25	1.02	D
186	1937	2223.0	6.14	186	251	119	5.49	204.8	2.52	2.39	62.64	2217.6	.020	1.22	1.24	25.0	30.0	.220	.263	172	16.3	2.2	1.10	1.07	1.25	1.02	D
187	2000	2224.0	7.23	167	221	116	5.09	202.7	2.52	2.04	62.80	2217.7	.020	1.24	1.24	25.0	29.5	.220	.264	173	16.6	2.3	1.04	1.07	1.25	1.02	D
188	2007	2225.0	9.04	190	238	122	5.23	201.3	2.51	1.96	62.32	2218.3	.030	1.24	1.24	25.0	30.1	.221	.261	174	16.7	2.3	1.01	1.06	1.26	1.02	D
189	2012	2226.0	11.2	193	239	121	4.91	200.6	2.51	1.87	62.64	2219.2	.030	1.24	1.24	25.0	30.3	.221	.261	175	16.8	2.3	.96	1.06	1.26	1.03	D
190	2018	2227.0	9.33	196	298	121	5.02	201.3	2.51	1.93	62.16	2220.0	.030	1.24	1.24	24.9	30.1	.221	.261	176	16.9	2.3	.93	1.05	1.26	1.03	D
191	2026	2228.0	8.32	193	307	121	4.33	201.3	2.51	2.04	62.16	2221.1	.030	1.24	1.24	25.0	30.2	.221	.262	177	17.0	2.3	.93	1.05	1.26	1.03	D
192	2032	2229.0	9.29	193	244	121	4.41	200.6	2.51	2.14	61.69	2221.8	.030	1.25	1.24	25.0	30.0	.221	.263	178	17.1	2.3	.97	1.05	1.26	1.04	D
193	2039	2230.0	8.63	189	249	121	4.90	200.6	2.51	2.06	61.37	2222.5	.030	1.25	1.24	25.0	30.1	.221	.261	179	17.2	2.3	1.00	1.05	1.26	1.04	D

STATOIL : 15/9-18

Data Printed at time 15:29 Date Feb 24 '84
Data Recorded at time 20:46 Date Jan 5 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXD	
194	2046	2231.0	8.86	190	238	122	5.41	201.3	2.51	2.14	61.21	2223.1	.030	1.23	1.24	25.1	30.2	.221	.261	180	17.3	2.3	1.02	1.05	1.26	1.04	D
195	2054	2232.0	7.32	192	242	121	6.72	201.3	2.51	2.14	60.89	2223.8	.050	1.24	1.24	25.1	30.2	.221	.263	181	17.5	2.3	1.10	1.05	1.26	1.04	D
196	2102	2233.0	7.11	185	230	122	6.57	201.3	2.51	2.11	60.57	2224.0	.090	1.24	1.23	25.1	30.4	.221	.262	182	17.6	2.3	1.10	1.05	1.27	1.04	D
197	2122	2234.0	8.53	193	245	126	7.31	204.8	2.53	2.20	59.62	2226.6	.040	1.23	1.23	25.1	29.5	.222	.264	183	17.8	2.4	1.10	1.05	1.27	1.04	D
198	2130	2235.0	6.60	198	257	126	8.97	205.5	2.54	2.23	59.14	2227.8	.040	1.23	1.23	25.1	30.0	.221	.261	184	17.9	2.4	1.21	1.06	1.27	1.04	D
199	2139	2236.0	7.19	197	245	127	9.04	204.8	2.54	2.17	58.98	2229.2	.040	1.23	1.24	25.1	30.1	.222	.262	185	18.1	2.4	1.20	1.06	1.26	1.04	D
200	2152	2237.0	4.39	191	233	127	8.91	204.8	2.54	2.25	58.19	2231.2	.050	1.23	1.24	25.1	30.2	.222	.261	186	18.3	2.4	1.30	1.06	1.26	1.04	D
201	2215	2238.0	2.62	184	224	127	8.31	204.1	2.53	2.00	56.76	2233.2	.070	1.24	1.24	24.8	30.2	.225	.263	187	18.7	2.5	1.39	1.06	1.26	1.04	D
202	2239	2239.0	2.47	180	229	127	7.33	204.1	2.54	2.01	58.03	2235.8	.040	1.24	1.23	24.8	30.3	.225	.261	188	19.1	2.5	1.36	1.06	1.26	1.04	D
203	2251	2240.0	4.94	181	237	127	7.40	204.1	2.54	1.89	58.98	2236.9	.030	1.24	1.23	24.8	30.6	.225	.259	189	19.3	2.5	1.22	1.07	1.26	1.03	D
204	2306	2241.0	4.23	180	222	127	7.10	204.8	2.54	1.95	59.30	2237.7	.030	1.24	1.23	24.9	30.5	.224	.261	190	19.5	2.5	1.24	1.07	1.26	1.03	D
205	2327	2242.0	2.74	177	215	127	7.81	203.4	2.54	2.04	62.48	2238.4	.030	1.23	1.23	24.7	30.5	.227	.262	191	19.9	2.6	1.36	1.07	1.26	1.03	D
	Date	Jan 6 '84																									
206	0009	2243.0	3.55	173	225	128	7.39	202.7	2.52	2.25	69.16	2240.2	0.00	1.23	1.23	24.1	28.1	.231	.271	192	20.3	2.6	1.29	1.08	1.26	1.03	D
207	0022	2244.0	4.79	187	266	130	8.51	203.4	2.53	2.14	71.23	2241.2	.030	1.24	1.23	24.2	29.5	.229	.265	193	20.5	2.6	1.28	1.08	1.26	1.03	D
208	0033	2245.0	5.23	192	279	114	10.3	203.4	2.53	2.30	72.66	2241.7	.030	1.23	1.23	24.2	29.5	.227	.266	194	20.7	2.7	1.29	1.09	1.26	1.02	D
209	0039	2246.0	9.54	206	262	102	13.4	204.1	2.54	2.30	72.98	2242.0	.030	1.24	1.23	24.2	30.1	.227	.263	195	20.8	2.7	1.22	1.09	1.26	1.02	D
210	0045	2247.0	11.3	215	303	101	12.9	204.1	2.53	2.40	73.29	2242.3	.030	1.24	1.23	24.2	30.1	.226	.265	196	20.9	2.7	1.17	1.09	1.26	1.02	D
211	0051	2248.0	9.06	224	351	107	12.4	203.4	2.54	2.48	73.77	2242.6	.020	1.24	1.23	24.3	30.1	.226	.267	197	21.0	2.7	1.22	1.10	1.26	1.02	D
212	0100	2249.0	6.44	200	275	128	9.27	203.4	2.53	2.52	74.09	2242.8	.040	1.24	1.23	24.4	30.3	.225	.268	198	21.1	2.7	1.24	1.10	1.26	1.02	D
213	0105	2250.0	12.6	206	287	128	9.99	203.4	2.53	2.49	74.41	2242.8	.030	1.23	1.23	24.4	30.1	.226	.270	199	21.2	2.7	1.12	1.10	1.26	1.02	D
214	0111	2251.0	8.82	203	282	127	8.52	203.4	2.53	2.25	75.04	2243.0	.030	1.24	1.25	24.5	29.9	.226	.272	200	21.3	2.7	1.14	1.10	1.26	1.02	D
215	0116	2252.0	12.6	202	293	127	8.36	203.4	2.53	2.56	75.04	2243.4	.030	1.23	1.25	24.6	29.9	.227	.273	201	21.4	2.7	1.06	1.10	1.26	1.02	D
216	0130	2253.1	15.0	202	295	126	8.80	203.4	2.52	2.49	76.95	2244.2	0.00	1.24	1.25	24.6	30.1	.227	.272	202	21.5	2.7	1.04	1.10	1.26	1.02	D
217	0134	2254.0	17.0	198	270	126	7.93	203.4	2.52	2.40	76.00	2244.4	.040	1.24	1.25	24.6	30.1	.227	.272	203	21.6	2.7	.99	1.09	1.26	1.03	D
218	0137	2255.0	16.6	202	281	126	7.74	203.4	2.53	2.36	76.00	2244.8	.040	1.24	1.25	24.6	29.7	.228	.271	204	21.6	2.7	.99	1.09	1.27	1.03	D
219	0142	2256.0	12.1	203	275	126	8.08	203.4	2.53	2.52	76.31	2245.6	.040	1.24	1.25	24.6	29.7	.229	.271	205	21.7	2.8	1.06	1.09	1.27	1.03	D
220	0146	2257.0	13.3	200	288	126	10.0	203.4	2.53	2.39	76.47	2246.1	.040	1.24	1.25	24.6	29.8	.229	.269	206	21.8	2.8	1.10	1.09	1.27	1.03	D
221	0154	2258.0	7.62	199	372	126	9.05	204.1	2.54	2.37	76.79	2247.8	.040	1.24	1.25	24.7	29.8	.229	.269	207	21.9	2.8	1.19	1.09	1.27	1.03	D
222	0200	2259.0	8.70	203	297	126	8.73	204.1	2.53	2.39	77.11	2248.3	.040	1.24	1.26	24.7	29.9	.230	.269	208	22.0	2.8	1.15	1.09	1.27	1.03	D
223	0205	2260.0	13.9	208	304	125	8.76	203.4	2.54	2.37	77.27	2248.8	.050	1.23	1.26	24.7	30.0	.229	.268	209	22.1	2.8	1.05	1.09	1.27	1.03	D
224	0210	2261.1	11.7	202	281	126	8.19	203.4	2.54	2.46	77.11	2249.9	.050	1.24	1.25	24.7	30.1	.228	.268	210	22.2	2.8	1.07	1.09	1.27	1.04	D
225	0215	2262.0	12.0	214	295	125	9.07	203.4	2.54	2.58	77.11	2250.6	.050	1.24	1.25	24.8	30.4	.228	.267	211	22.3	2.8	1.09	1.09	1.27	1.04	D
226	0229	2263.0	14.2	217	290	127	9.72	206.2	2.54	2.57	76.79	2252.4	.060	1.24	1.26	24.8	29.5	.228	.273	212	22.4	2.8	1.08	1.09	1.27	1.04	D
227	0233	2264.0	14.5	221	313	128	9.68	205.5	2.54	2.40	76.63	2252.6	.050	1.24	1.25	24.8	29.7	.228	.271	213	22.4	2.8	1.08	1.09	1.27	1.04	D
228	0238	2265.0	13.2	208	286	128	7.96	205.5	2.54	2.55	76.79	2253.2	.050	1.24	1.25	24.8	30.2	.228	.269	214	22.5	2.8	1.04	1.09	1.27	1.04	D
229	0244	2266.0	10.0	203	282	128	10.2	205.5	2.53	2.37	76.47	2254.8	.050	1.24	1.25	24.9	30.1	.227	.273	215	22.6	2.8	1.17	1.09	1.27	1.04	D
230	0249	2267.0	12.5	218	306	128	9.80	206.2	2.54	2.33	76.31	2255.8	.040	1.24	1.25	24.9	30.2	.227	.271	216	22.7	2.8	1.11	1.09	1.27	1.04	D
231	0252	2268.0	16.8	210	337	128	9.10	206.8	2.54	2.44	76.15	2256.5	.040	1.24	1.25	25.0	30.1	.227	.272	217	22.7	2.9	1.03	1.09	1.27	1.05	D
232	0258	2269.0	10.3	219	295	128	9.38	207.5	2.53	2.39	75.52	2257.3	.040	1.24	1.25	25.0	30.5	.227	.270	218	22.8	2.9	1.14	1.09	1.27	1.05	D
233	0302	2270.0	13.4	215	305	128	8.55	206.8	2.54	2.44	75.20	2258.3	.040	1.24	1.25	25.0	30.5	.227	.270	219	22.9	2.9	1.06	1.09	1.27	1.05	D
234	0320	2271.0	14.2	217	331	127	9.93	203.4	2.51	2.30	74.72	2260.6	.040	1.25	1.25	25.1	30.6	.226	.273	220	23.1	2.9	1.03	1.09	1.27	1.05	D
235	0324	2272.1	14.7	201	290	121	9.35	202.0	2.51	2.42	74.09	2261.4	.050	1.24	1.25	25.1	29.6	.227	.276	221	23.1	2.9	1.05	1.08	1.27	1.06	D
236	0330	2273.0	9.21	210	297	122	10.9	202.7	2.51	2.43	73.45	2262.1	.060	1.24	1.25	25.1	30.0	.227	.273	222	23.2	2.9	1.20	1.09	1.27	1.05	D
237	0337	2274.0	8.31	202	283	121	9.08	202.0	2.51	2.53	73.13	2263.2	.050	1.23	1.24	25.2	30.3	.225	.272	223	23.3	2.9	1.16	1.09	1.27	1.05	D
238	0341	2275.0	14.8	201	272	120	9.83	203.4	2.51	2.44	72.98	2264.2	.040	1.24	1.25	25.2	30.7	.226	.270	224	23.4	2.9	1.06	1.09	1.27	1.06	D
239	0345	2276.0	12.0	203	276	121	10.5	202.7	2.51	2.47	72.34	2265.1	.030	1.24	1.25	25.2	30.5	.227	.271	225	23.5	2.9	1.12	1.09	1.27	1.06	D
240	0352	2277.0	10.4	211	296	120	10.7	202.7	2.51	2.36	72.02	2266.1	.050	1.24	1.25	25.2	30.9	.227	.270	226	23.6	2.9	1.16	1.09	1.27	1.06	D
241	0358	2278.0	10.1	233	322	120	11.4	202.0	2.51	2.53	71.70	2267.4	.050	1.24	1.25	25.2	30.7	.228	.269	227	23.7	2.9	1.19	1.09	1.27	1.06	D
242	0404	2279.0	9.94	209	303	121	10.9	202.0	2.51	2.46	71.39	2268.6	.040	1.24	1.25	25.3	30.6	.228	.270	228	23.8	2.9	1.18	1.09	1.27	1.05	D

STATOIL : 15/9-18

Data Printed at time 15:35 Date Feb 24 '84
Data Recor[illegible]t time 04:10 Date Jan 6 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
243	0410	2280.0	9.28	222	328	120	12.2	203.4	2.51	2.61	71.23	2270.0	.040	1.23	1.25	25.4	30.8	.226	.268	229	23.9	3.0	1.23	1.10	1.27	1.05	D
+ Drop survey and make 6 stand wiper trip at 2281.24m.																											
247	0654	2282.0	22.1	223	307	129	10.5	204.1	2.52	2.35	72.50	2281.2	0.00	1.25	1.25	24.2	12.7	.226	.343	231	24.0	3.0	1.02	1.09	1.25	1.06	D
248	0659	2283.0	13.6	222	295	129	10.7	199.3	2.47	2.29	68.68	2270.0	.040	1.24	1.25	24.2	17.3	.225	.287	232	24.1	3.0	1.13	1.09	1.26	1.06	D
249	0703	2284.1	14.5	227	301	129	12.1	202.0	2.50	2.40	68.68	2270.0	.030	1.23	1.25	24.2	23.4	.226	.256	233	24.2	3.0	1.15	1.10	1.26	1.06	D
250	0708	2285.3	9.70	241	344	130	12.9	202.0	2.50	2.35	69.00	2270.0	.030	1.23	1.25	23.6	27.6	.229	.262	234	24.2	3.0	1.26	1.10	1.26	1.06	D
251	0712	2286.0	14.7	206	283	129	9.65	202.0	2.50	2.26	68.84	2270.0	.030	1.24	1.25	23.3	27.8	.230	.265	235	24.3	3.0	1.07	1.10	1.26	1.06	D
252	0719	2287.0	8.44	210	273	130	9.73	206.8	2.53	2.43	68.52	2270.0	.030	1.25	1.25	22.3	28.0	.231	.273	236	24.4	3.0	1.20	1.10	1.27	1.06	D
253	0727	2288.0	6.76	207	283	130	10.9	206.2	2.53	2.27	69.48	2270.0	.050	1.24	1.25	22.2	28.3	.228	.273	237	24.6	3.0	1.28	1.10	1.27	1.05	D
254	0733	2289.0	10.8	209	283	130	10.2	206.8	2.53	2.21	69.80	2270.0	.060	1.24	1.25	22.4	28.2	.225	.273	238	24.6	3.0	1.15	1.11	1.27	1.05	D
255	0739	2290.0	8.75	228	303	130	11.2	206.2	2.53	2.36	70.11	2270.0	.050	1.23	1.25	22.7	28.7	.225	.272	239	24.8	3.0	1.23	1.11	1.27	1.05	D
256	0757	2291.1	10.9	215	296	130	9.65	207.5	2.54	2.48	72.18	2270.0	.150	1.24	1.27	23.3	29.9	.224	.276	240	24.9	3.1	1.13	1.11	1.27	1.05	D
257	0803	2292.0	4.69	194	325	130	8.25	206.2	2.53	2.36	72.02	2280.0	.080	1.24	1.25	23.4	29.7	.224	.285	241	25.1	3.1	1.12	1.11	1.27	1.05	D
258	0812	2293.0	12.4	216	310	128	10.7	206.8	2.54	2.19	72.02	2282.4	.050	1.24	1.25	23.6	29.8	.224	.275	242	25.2	3.1	1.14	1.11	1.27	1.05	D
259	0817	2294.0	11.3	214	290	128	11.7	206.8	2.54	2.33	72.18	2282.6	.050	1.24	1.25	24.0	29.6	.224	.271	243	25.2	3.1	1.19	1.11	1.27	1.05	D
260	0824	2295.0	8.94	209	291	129	11.9	208.9	2.53	2.27	72.50	2284.1	.040	1.24	1.25	24.2	29.6	.225	.269	244	25.4	3.1	1.25	1.12	1.27	1.05	D
261	0834	2296.0	5.70	197	280	129	10.2	204.8	2.54	2.27	72.98	2285.4	.040	1.24	1.25	24.4	30.0	.225	.267	245	25.5	3.1	1.29	1.12	1.27	1.05	D
262	0843	2297.0	6.48	208	309	128	11.1	206.2	2.54	2.33	73.13	2286.6	.050	1.24	1.25	24.6	30.2	.225	.266	246	25.7	3.1	1.29	1.12	1.27	1.05	D
263	0848	2298.0	11.8	214	293	128	11.9	206.2	2.54	2.26	73.77	2287.5	.040	1.24	1.25	24.7	30.4	.224	.267	247	25.8	3.1	1.18	1.13	1.27	1.05	D
264	0857	2299.0	6.06	210	235	128	11.6	206.8	2.54	2.21	74.57	2288.7	.040	1.23	1.25	24.9	30.2	.223	.268	248	25.9	3.2	1.32	1.13	1.27	1.04	D
265	0904	2300.0	8.45	216	302	128	12.0	206.2	2.54	2.22	75.84	2289.3	.040	1.24	1.24	25.0	30.5	.223	.268	249	26.0	3.2	1.26	1.13	1.27	1.04	D
266	0911	2301.0	8.55	216	295	128	13.2	206.8	2.54	1.81	76.63	2289.6	.040	1.24	1.25	25.0	30.2	.223	.268	250	26.1	3.2	1.29	1.14	1.27	1.04	D
+ Drop totco survey at 2300.5m and pull 5 stand wiper trip.																											
270	1101	2302.0	21.1	222	308	118	12.6	204.1	2.55	2.55	77.27	2290.0	.030	1.23	1.25	24.6	22.8	.222	.305	251	26.3	3.2	1.07	1.14	1.25	1.04	D
271	1106	2303.0	11.4	232	340	123	13.7	196.5	2.47	2.47	76.31	2290.0	.040	1.23	1.24	24.5	24.7	.222	.267	252	26.3	3.2	1.25	1.14	1.25	1.04	D
272	1110	2304.0	13.9	228	323	123	14.2	196.5	2.47	2.10	76.47	2290.0	.040	1.22	1.24	24.4	27.6	.223	.257	253	26.4	3.2	1.21	1.14	1.25	1.04	D
273	1115	2305.0	11.8	232	340	122	14.4	205.5	2.51	2.52	67.73	2290.0	.040	1.21	1.24	23.8	28.6	.226	.266	254	26.5	3.2	1.25	1.14	1.25	1.04	D
274	1123	2306.0	12.9	226	314	123	15.2	205.5	2.54	2.52	67.57	2290.0	.040	1.22	1.24	23.5	28.9	.226	.269	255	26.6	3.2	1.25	1.14	1.25	1.04	D
275	1126	2307.0	10.5	230	345	123	12.2	205.5	2.53	2.46	67.57	2290.0	.040	1.21	1.24	23.2	28.6	.226	.271	256	26.7	3.2	1.22	1.15	1.25	1.04	D
276	1131	2308.0	9.95	233	319	122	9.11	205.5	2.54	2.78	67.41	2296.0	.050	1.20	1.24	22.9	28.8	.226	.270	257	26.8	3.2	1.14	1.15	1.25	1.04	D
277	1134	2309.0	21.1	253	338	122	10.4	206.2	2.53	2.46	67.89	2296.0	.050	1.21	1.24	22.9	29.0	.226	.269	258	26.8	3.2	1.02	1.15	1.25	1.04	D
278	1138	2310.0	16.8	252	355	123	11.4	206.2	2.54	2.44	68.36	2296.0	.060	1.22	1.24	23.0	29.0	.224	.270	259	26.9	3.3	1.10	1.15	1.25	1.04	D
279	1207	2311.0	6.20	208	301	122	9.38	206.8	2.55	2.34	68.52	2302.0	.130	1.22	1.23	23.9	29.9	.224	.271	260	27.2	3.3	1.25	1.15	1.25	1.04	D
280	1223	2312.0	4.51	210	324	121	9.39	206.2	2.56	2.24	68.36	2304.6	.060	1.23	1.23	24.4	30.0	.223	.270	261	27.4	3.3	1.32	1.15	1.25	1.04	D
281	1227	2313.0	8.27	207	330	122	8.68	206.8	2.55	2.36	68.05	2306.2	.060	1.22	1.23	24.6	30.2	.223	.266	262	27.5	3.3	1.17	1.15	1.25	1.04	D
282	1239	2314.0	4.90	204	371	121	9.31	206.2	2.56	2.31	67.41	2308.3	.070	1.22	1.24	24.9	30.5	.223	.266	263	27.7	3.3	1.30	1.16	1.25	1.04	D
283	1246	2315.0	8.64	192	289	121	8.26	207.5	2.55	2.10	67.25	2310.3	.050	1.23	1.23	25.0	30.7	.223	.266	264	27.8	3.3	1.14	1.16	1.25	1.04	D
284	1300	2316.1	4.57	200	308	121	8.89	206.8	2.55	2.15	66.62	2311.1	.040	1.24	1.24	25.3	30.8	.223	.266	265	28.0	3.3	1.30	1.16	1.25	1.04	D
285	1307	2317.0	7.14	202	290	121	8.55	205.5	2.55	2.34	66.14	2311.1	.040	1.24	1.24	25.4	30.7	.224	.268	266	29.2	3.4	1.19	1.16	1.25	1.04	D
286	1322	2318.0	4.00	202	275	121	9.55	206.2	2.56	2.64	64.71	2312.3	.040	1.23	1.23	25.6	31.2	.224	.264	267	28.4	3.4	1.34	1.16	1.25	1.03	D
287	1330	2319.0	7.43	201	297	121	8.62	206.8	2.55	2.10	65.18	2313.3	.050	1.23	1.24	25.7	31.0	.224	.264	268	28.5	3.4	1.18	1.16	1.26	1.03	D
288	1336	2320.0	9.36	203	292	121	9.11	206.8	2.55	2.00	65.18	2314.1	.040	1.24	1.24	25.8	31.7	.224	.261	269	28.6	3.4	1.15	1.16	1.26	1.04	D
289	1359	2321.0	9.06	200	294	122	10.0	204.8	2.54	2.41	62.64	2315.6	.040	1.23	1.24	25.9	31.0	.224	.262	270	28.8	3.4	1.13	1.16	1.26	1.04	D
290	1408	2322.0	6.09	210	317	124	10.2	204.8	2.54	2.41	62.01	2316.4	.040	1.23	1.24	25.9	31.2	.224	.261	271	29.0	3.4	1.27	1.17	1.26	1.04	D
291	1417	2323.0	6.49	214	332	124	10.4	205.5	2.54	2.34	62.32	2317.4	.040	1.24	1.24	25.9	31.3	.224	.261	272	29.2	3.4	1.27	1.17	1.26	1.03	D
292	1427	2324.0	5.83	200	340	124	10.4	204.8	2.54	2.21	61.85	2318.1	.040	1.23	1.25	26.0	31.1	.224	.263	273	29.3	3.4	1.29	1.17	1.26	1.03	D
293	1441	2325.0	4.36	191	314	125	9.51	204.8	2.54	2.45	61.05	2319.6	.050	1.23	1.25	26.0	31.4	.224	.262	274	29.5	3.5	1.33	1.18	1.26	1.03	D
294	1453	2326.0	4.32	200	301	125	9.14	203.4	2.55	2.15	60.89	2320.6	.040	1.24	1.25	26.1	31.4	.224	.263	275	29.8	3.5	1.31	1.18	1.26	1.03	D
295	1503	2327.0	6.03	202	294	125	9.31	204.1	2.54	2.11	60.10	2321.4	.040	1.24	1.25	26.2	31.9	.224	.262	276	29.9	3.5	1.25	1.18	1.26	1.03	D
296	1520	2328.0	3.52	202	320	125	9.67	204.1	2.54	2.35	59.46	2323.3	.040	1.23	1.24	26.4	32.0	.224	.259	277	30.2	3.5	1.38	1.19	1.25	1.03	D

STATOIL : 15/9-13

Data Printed at time 15:41 Date Feb 24 '84
Data Received at time 15:33 Date Jan 6 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT in hours	EST TM	DXC	MX3	ECD	MWD	
297	1533	2329.0	4.55	199	351	125	9.71	204.1	2.53	2.04	59.46	2324.5	.030	1.24	1.24	26.5	32.0	.225	.259	278	30.4	3.5	1.33	1.19	1.25	1.02	D
Leak in kelly swivel. Circulate with circulating head then make wiper trip while waiting for repairs.																										
301	2337	2330.0	5.13	244	344	125	11.3	204.1	2.51	2.56	61.69	2329.7	.030	1.23	1.23	20.8	15.9	.227	.306	279	30.9	3.6	1.37	1.19	1.24	1.02	D
	Date	Jan 7 '84																								
302	0026	2331.0	3.36	221	345	105	10.9	207.5	2.53	2.04	65.03	2329.3	.320	1.23	1.25	20.3	28.0	.222	.282	280	31.6	3.6	1.41	1.20	1.25	1.02	D
303	0059	2332.0	1.87	213	414	107	11.1	204.8	2.54	1.57	64.23	2329.5	.100	1.23	1.21	22.8	29.0	.226	.278	281	32.1	3.6	1.55	1.20	1.25	1.02	D
304	0108	2333.0	6.69	227	401	106	12.8	205.5	2.54	1.54	64.71	2329.9	.060	1.23	1.22	23.3	29.5	.225	.273	282	32.3	3.7	1.31	1.20	1.25	1.01	D
305	0117	2334.0	6.47	223	340	106	12.3	205.5	2.54	1.96	65.66	2330.1	.050	1.23	1.22	23.7	29.8	.224	.270	283	32.4	3.7	1.30	1.21	1.25	1.01	D
306	0129	2335.0	5.03	218	342	106	13.2	205.5	2.54	2.00	66.93	2331.0	.050	1.23	1.22	24.1	30.1	.224	.267	284	32.6	3.7	1.39	1.21	1.25	1.01	D
307	0148	2336.0	3.11	220	380	106	13.9	204.1	2.54	1.92	73.77	2331.5	.040	1.23	1.23	24.0	30.3	.228	.268	285	32.9	3.7	1.52	1.21	1.25	1.01	D
308	0202	2337.0	4.17	214	320	106	13.7	204.1	2.54	2.16	79.18	2332.0	.050	1.23	1.24	24.0	30.4	.228	.269	286	33.2	3.7	1.45	1.22	1.25	1.01	D
309	0214	2338.0	5.20	217	331	106	12.6	202.7	2.54	2.15	83.63	2333.3	.040	1.24	1.24	24.2	30.8	.228	.268	287	33.4	3.7	1.36	1.22	1.25	1.00	D
310	0224	2339.0	6.02	214	359	106	12.3	204.1	2.54	1.74	87.28	2334.3	.040	1.24	1.24	24.2	30.6	.229	.269	288	33.5	3.7	1.32	1.23	1.25	1.00	D
311	0259	2340.0	6.32	211	307	119	10.6	202.7	2.55	1.79	96.82	2335.8	.040	1.25	1.24	24.4	29.9	.227	.266	289	33.9	3.8	1.27	1.23	1.26	1.00	D
312	0313	2341.0	4.37	207	291	127	10.5	202.0	2.54	2.10	98.10	2336.5	.040	1.24	1.23	24.7	30.2	.225	.268	290	34.2	3.8	1.36	1.23	1.26	1.00	D
313	0336	2342.0	2.55	203	272	126	10.3	201.3	2.54	2.25	100.5	2338.2	.030	1.24	1.22	24.9	29.2	.223	.273	291	34.6	3.8	1.47	1.24	1.26	.997	D
314	0351	2343.0	3.93	208	316	112	12.2	201.3	2.55	2.04	102.1	2338.9	.030	1.24	1.22	24.9	29.8	.223	.272	292	34.8	3.8	1.41	1.24	1.27	.994	D
315	0403	2344.0	5.23	217	308	112	12.5	200.6	2.56	2.05	102.5	2339.9	.030	1.24	1.22	24.9	30.2	.223	.273	293	35.0	3.9	1.35	1.25	1.26	.992	D
316	0410	2345.0	7.88	255	455	111	13.7	201.3	2.55	1.95	102.7	2340.6	.030	1.24	1.21	25.0	30.2	.224	.272	294	35.1	3.9	1.29	1.25	1.26	.993	D
317	0421	2346.0	5.72	235	376	111	13.4	201.3	2.55	1.93	102.5	2341.2	.030	1.24	1.21	25.1	30.8	.225	.268	295	35.3	3.9	1.36	1.25	1.26	.992	D
318	0427	2347.0	9.99	238	401	110	12.5	201.3	2.54	2.11	102.5	2341.4	.040	1.24	1.21	25.1	31.3	.225	.265	296	35.4	3.9	1.21	1.25	1.26	.994	D
319	0434	2348.0	9.05	243	312	111	13.0	202.0	2.54	1.95	102.7	2341.7	.030	1.25	1.21	25.2	31.4	.225	.265	297	35.5	3.9	1.24	1.25	1.26	.996	D
320	0453	2349.0	11.5	247	354	111	12.6	205.5	2.57	2.07	83.79	2342.6	.040	1.24	1.23	25.5	30.4	.223	.265	298	35.7	3.9	1.18	1.24	1.26	.999	D
321	0501	2350.0	7.44	235	331	113	12.2	204.8	2.57	2.01	84.10	2343.1	.030	1.23	1.23	25.6	31.0	.223	.262	299	35.9	3.9	1.27	1.24	1.26	1.00	D
322	0509	2351.0	7.43	231	324	113	10.0	205.5	2.57	2.20	84.10	2343.8	.040	1.23	1.23	25.7	30.8	.222	.263	300	36.0	3.9	1.20	1.24	1.26	1.00	D
323	0518	2352.0	6.94	214	295	113	9.63	205.5	2.58	2.07	84.26	2344.8	.050	1.23	1.23	25.7	30.8	.222	.262	301	36.1	3.9	1.21	1.24	1.26	1.00	D
324	0525	2353.0	8.73	222	288	113	10.5	206.2	2.57	1.91	84.42	2345.6	.040	1.23	1.23	25.7	30.8	.221	.263	302	36.2	3.9	1.19	1.24	1.26	1.01	D
325	0532	2354.0	7.92	217	302	114	10.1	206.2	2.57	2.04	84.58	2346.6	.040	1.23	1.23	25.7	30.6	.221	.264	303	36.4	3.9	1.20	1.24	1.26	1.01	D
326	0539	2355.0	9.11	226	304	113	10.3	206.2	2.57	2.03	84.58	2347.6	.040	1.23	1.23	25.7	30.6	.221	.264	304	36.5	3.9	1.17	1.23	1.26	1.01	D
327	0547	2356.0	7.58	216	299	113	9.78	205.5	2.57	2.09	84.74	2348.5	.040	1.23	1.23	25.6	30.6	.222	.265	305	36.6	4.0	1.20	1.23	1.26	1.02	D
328	0554	2357.0	8.58	223	282	113	10.3	204.8	2.57	2.05	84.90	2348.6	.040	1.23	1.23	25.6	30.6	.222	.264	306	36.7	4.0	1.19	1.23	1.26	1.02	D
329	0615	2358.0	7.03	210	261	117	9.80	204.1	2.57	2.19	85.69	2350.4	.040	1.24	1.23	25.6	31.1	.223	.263	307	36.9	4.0	1.22	1.23	1.26	1.02	D
330	0623	2359.0	7.39	209	275	125	9.44	204.1	2.57	2.37	84.58	2351.5	.040	1.23	1.23	25.5	30.2	.222	.263	308	37.0	4.0	1.21	1.23	1.26	1.02	D
331	0632	2360.0	6.89	215	328	125	10.6	204.8	2.57	2.28	84.42	2352.6	.050	1.23	1.23	25.6	29.7	.221	.264	309	37.2	4.0	1.27	1.23	1.26	1.02	D
332	0643	2361.0	5.27	214	284	125	11.6	204.1	2.57	2.34	84.26	2354.2	.060	1.23	1.23	25.4	30.0	.223	.261	310	37.4	4.0	1.36	1.23	1.25	1.02	D
333	0653	2362.0	6.05	227	291	124	13.0	203.4	2.57	2.33	84.26	2355.6	.060	1.23	1.23	25.3	30.1	.223	.261	311	37.5	4.0	1.37	1.23	1.25	1.02	D
334	0659	2363.0	9.94	244	296	124	14.0	204.8	2.58	2.23	83.95	2356.4	.050	1.23	1.23	25.2	30.3	.222	.261	312	37.6	4.0	1.28	1.23	1.25	1.02	D
335	0705	2364.0	9.53	242	320	124	13.4	203.4	2.57	2.24	83.95	2357.2	.060	1.23	1.23	25.2	30.1	.221	.262	313	37.7	4.0	1.27	1.23	1.25	1.02	D
336	0710	2365.0	14.1	256	332	123	13.7	204.1	2.57	2.28	83.79	2357.6	.060	1.23	1.23	25.2	30.2	.220	.262	314	37.8	4.0	1.19	1.23	1.25	1.03	D
337	0715	2366.0	12.0	263	340	123	14.7	204.8	2.57	2.29	83.63	2357.7	.060	1.23	1.23	25.2	30.1	.220	.262	315	37.9	4.1	1.25	1.23	1.25	1.03	D
338	0721	2367.0	9.29	259	314	123	14.1	204.8	2.59	2.33	83.31	2358.2	.050	1.24	1.23	25.2	30.5	.220	.261	316	38.0	4.1	1.30	1.23	1.25	1.03	D
339	0742	2368.0	10.8	255	347	121	14.3	204.8	2.56	1.67	83.31	2360.1	.050	1.24	1.23	25.3	29.8	.220	.265	317	38.2	4.1	1.26	1.23	1.25	1.03	D
340	0748	2369.0	9.74	236	297	114	13.2	204.8	2.56	1.59	82.83	2360.6	.040	1.23	1.23	25.3	29.9	.220	.261	318	38.3	4.1	1.24	1.23	1.25	1.03	D
341	0755	2370.0	9.42	232	327	114	13.2	204.8	2.56	1.81	82.36	2361.2	.040	1.23	1.23	25.3	30.2	.220	.262	319	38.4	4.1	1.25	1.23	1.26	1.03	D
342	0800	2371.0	11.7	234	291	114	13.0	205.5	2.57	1.71	82.20	2361.7	.050	1.23	1.23	25.3	30.2	.221	.262	320	38.5	4.1	1.20	1.23	1.26	1.04	D
343	0807	2372.0	8.53	231	298	114	12.4	204.1	2.56	1.91	81.88	2362.8	.050	1.23	1.23	25.3	30.3	.220	.265	321	38.6	4.1	1.25	1.23	1.26	1.04	D
344	0812	2373.0	10.9	237	323	114	12.8	204.8	2.57	1.82	81.56	2363.7	.060	1.23	1.23	25.3	30.0	.220	.269	322	38.7	4.1	1.21	1.22	1.26	1.04	D
345	0823	2374.0	5.62	224	292	114	13.8	197.9	2.45	1.85	81.24	2365.9	.100	1.23	1.23	25.3	30.0	.219	.297	323	38.9	4.1	1.39	1.23	1.26	1.04	D
346	0852	2375.0	4.95	211	319	112	11.9	201.3	2.54	1.88	80.13	2368.8	.070	1.23	1.23	25.1	30.0	.219	.491	324	39.2	4.1	1.36	1.23	1.25	1.04	D
347	0902	2376.0	5.83	213	262	111	11.3	201.3	2.55	1.96	79.65	2370.5	.070	1.23	1.23	25.1	29.9	.219	.515	325	39.4	4.2	1.30	1.23	1.25	1.04	D

Data Printed at time 15:47 Date Feb 24 '84
Data Rec[illegible] at time 09:10 Date Jan 7 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MM3	ECD	MMD	
348	0910	2377.0	7.96	233	299	110	14.1	199.9	2.55	1.81	79.49	2371.7	.070	1.23	1.23	25.1	29.9	.219	.527	326	39.5	4.2	1.31	1.23	1.25	1.04	D
+ Circulate bottoms up, drop survey and make a twenty stand wiper trip at 2377m.																											
352	1509	2378.0	7.02	225	263	105	15.1	205.5	2.52	2.07	68.36	2377.6	.190	1.22	1.24	21.8	28.3	.217	.271	327	40.0	4.2	1.36	1.24	1.25	1.04	D
353	1515	2379.0	9.48	239	330	106	17.8	205.5	2.54	2.10	67.57	2377.6	.440	1.22	1.24	22.3	28.6	.217	.273	328	40.1	4.2	1.36	1.24	1.25	1.04	D
354	1523	2380.0	8.04	243	314	107	19.0	204.8	2.55	3.35	66.14	2377.6	.260	1.22	1.24	22.8	28.9	.217	.282	329	40.3	4.2	1.43	1.24	1.25	1.03	D
355	1529	2381.0	9.97	249	326	106	17.3	204.1	2.55	3.11	65.18	2377.6	.300	1.22	1.24	23.1	28.6	.217	.280	330	40.4	4.2	1.34	1.24	1.24	1.03	D
356	1536	2382.0	8.08	245	310	106	16.0	204.1	2.55	2.20	65.03	2377.6	.190	1.24	1.22	23.4	28.6	.219	.272	331	40.5	4.2	1.36	1.25	1.24	1.03	D
357	1545	2383.0	6.91	241	341	107	16.0	204.1	2.55	2.66	63.75	2377.6	.090	1.23	1.23	23.7	28.8	.219	.266	332	40.6	4.2	1.39	1.25	1.25	1.03	D
358	1554	2384.0	6.69	235	310	107	15.5	204.8	2.55	2.77	62.64	2377.6	.050	1.22	1.24	23.8	29.0	.219	.262	333	40.8	4.2	1.39	1.25	1.25	1.03	D
360	1601	2385.0	7.77	234	304	107	15.9	204.8	2.54	2.06	62.64	2377.6	.030	1.23	1.24	24.0	28.9	.219	.262	334	40.9	4.2	1.36	1.25	1.25	1.03	D
361	1608	2386.0	8.85	232	354	107	15.6	205.5	2.54	1.57	63.12	2377.6	.030	1.23	1.24	24.0	29.2	.219	.261	335	41.0	4.3	1.32	1.26	1.25	1.03	D
362	1631	2387.0	6.72	227	290	107	15.6	204.1	2.54	1.67	61.21	2379.9	.050	1.23	1.24	24.2	28.8	.218	.259	336	41.2	4.3	1.39	1.26	1.25	1.03	D
363	1640	2388.0	7.17	225	292	106	15.8	204.1	2.54	1.79	60.57	2381.2	.060	1.23	1.24	24.2	29.5	.218	.259	337	41.4	4.3	1.37	1.26	1.25	1.03	D
364	1649	2389.0	6.56	226	346	106	16.3	204.1	2.54	1.74	60.10	2382.5	.060	1.22	1.24	24.2	29.8	.218	.259	338	41.5	4.3	1.41	1.26	1.25	1.03	D
365	1700	2390.0	5.34	225	309	106	16.3	203.4	2.54	2.03	59.46	2383.7	.050	1.22	1.24	24.3	29.8	.218	.260	339	41.7	4.3	1.46	1.27	1.25	1.02	D
366	1713	2391.0	4.75	217	281	106	16.2	202.7	2.54	2.25	58.83	2385.3	.050	1.22	1.24	24.6	29.8	.219	.260	340	41.9	4.3	1.49	1.27	1.25	1.02	D
367	1725	2392.0	4.71	213	261	106	16.1	203.4	2.54	2.18	58.19	2386.5	.050	1.22	1.24	24.7	30.0	.219	.259	341	42.1	4.3	1.49	1.28	1.25	1.02	D
368	1737	2393.0	5.35	215	321	106	15.9	202.7	2.54	2.11	57.39	2387.1	.110	1.22	1.23	24.8	30.0	.219	.257	342	42.3	4.3	1.45	1.28	1.25	1.01	D
369	1748	2394.0	5.10	215	356	106	15.3	203.4	2.54	2.32	56.76	2388.4	.070	1.22	1.23	24.8	29.8	.219	.257	343	42.5	4.4	1.45	1.29	1.24	1.01	D
370	1802	2395.0	4.35	213	290	107	15.6	202.7	2.54	2.23	56.12	2389.7	.050	1.23	1.24	24.9	29.8	.218	.256	344	42.8	4.4	1.50	1.30	1.24	1.01	D
371	1813	2396.0	5.43	217	329	106	15.3	202.7	2.54	2.21	55.65	2390.6	.050	1.23	1.23	24.8	30.0	.219	.255	345	42.9	4.4	1.44	1.30	1.24	1.01	D
372	1838	2397.0	6.42	226	298	98	17.5	200.6	2.52	2.89	54.69	2392.1	.040	1.23	1.24	24.7	29.8	.218	.254	346	43.2	4.4	1.44	1.30	1.24	1.01	D
373	1849	2398.1	5.67	232	286	98	16.5	201.3	2.53	2.92	54.69	2393.0	.040	1.23	1.24	24.7	30.5	.218	.254	347	43.4	4.4	1.44	1.31	1.24	1.00	D
374	1857	2399.0	6.52	235	311	98	16.2	201.3	2.52	3.07	54.85	2393.8	.040	1.23	1.24	24.8	30.7	.217	.254	348	43.5	4.4	1.40	1.31	1.24	1.00	D
375	1905	2400.0	7.37	236	306	98	16.4	201.3	2.53	3.09	54.85	2394.4	.040	1.23	1.24	24.9	30.6	.218	.255	349	43.6	4.4	1.37	1.31	1.24	1.00	D
376	1913	2401.0	8.62	244	325	98	16.8	201.3	2.52	2.85	55.01	2394.9	.040	1.23	1.24	25.0	30.2	.218	.256	350	43.8	4.4	1.34	1.31	1.24	1.00	D
377	1920	2402.0	8.29	249	327	97	17.3	201.3	2.53	2.71	55.65	2395.6	.040	1.24	1.24	25.1	30.3	.219	.255	351	43.9	4.4	1.36	1.31	1.25	1.01	D
378	1924	2403.0	12.1	246	300	97	17.0	201.3	2.52	2.64	55.96	2395.9	.040	1.23	1.24	25.1	30.3	.219	.255	352	43.9	4.4	1.25	1.31	1.25	1.01	D
379	1932	2404.0	8.68	259	351	97	17.2	202.0	2.53	2.97	56.44	2396.0	.040	1.23	1.24	25.0	30.4	.218	.254	353	44.1	4.4	1.34	1.31	1.25	1.01	D
380	1936	2405.0	13.8	257	304	97	16.6	202.0	2.52	2.75	56.92	2396.0	.040	1.23	1.24	25.0	30.5	.219	.254	354	44.1	4.4	1.21	1.30	1.25	1.01	D
381	1941	2406.0	10.3	258	312	97	17.0	202.7	2.52	2.61	57.08	2396.7	.040	1.23	1.24	25.0	30.5	.219	.254	355	44.2	4.5	1.29	1.30	1.25	1.02	D
382	2010	2407.0	9.54	226	326	102	16.3	202.7	2.53	3.11	58.98	2398.4	.040	1.23	1.24	24.6	28.2	.219	.261	356	44.5	4.5	1.31	1.30	1.25	1.02	D
383	2015	2408.0	11.3	263	320	104	16.7	202.7	2.53	2.86	59.14	2398.9	.050	1.23	1.24	24.7	29.6	.217	.253	357	44.5	4.5	1.28	1.30	1.25	1.02	D
384	2020	2409.0	11.2	258	309	104	16.7	203.4	2.53	2.85	59.46	2399.6	.050	1.23	1.24	24.7	29.9	.218	.255	358	44.6	4.5	1.28	1.30	1.25	1.02	D
385	2028	2410.0	7.69	246	305	105	16.5	203.4	2.53	2.74	59.94	2400.7	.050	1.23	1.24	24.6	29.8	.218	.255	359	44.8	4.5	1.37	1.30	1.25	1.02	D
386	2033	2411.0	10.7	254	317	105	17.0	204.1	2.53	2.73	60.26	2401.4	.050	1.23	1.24	24.6	29.8	.218	.256	360	44.9	4.5	1.30	1.30	1.25	1.02	D
387	2039	2412.0	11.3	263	327	105	18.2	204.8	2.53	2.58	60.57	2402.2	.050	1.23	1.24	24.6	29.8	.218	.256	361	44.9	4.5	1.31	1.30	1.25	1.03	D
388	2046	2413.0	8.96	249	312	105	17.3	204.8	2.53	2.58	60.89	2403.6	.060	1.23	1.24	24.6	30.1	.217	.255	362	45.1	4.5	1.35	1.30	1.25	1.03	D
389	2051	2414.0	10.7	256	324	105	17.2	204.8	2.53	2.70	61.21	2404.4	.050	1.23	1.24	24.6	30.0	.218	.257	363	45.2	4.5	1.30	1.30	1.25	1.03	D
390	2058	2415.0	8.54	256	349	104	19.2	204.8	2.53	2.60	61.69	2405.8	.060	1.23	1.24	24.6	30.1	.218	.256	364	45.3	4.5	1.41	1.30	1.25	1.03	D
391	2122	2416.0	9.17	246	314	102	19.0	205.5	2.54	2.67	62.32	2407.1	.060	1.22	1.24	24.4	29.0	.220	.249	365	45.5	4.5	1.38	1.30	1.25	1.03	D
392	2128	2417.0	10.2	251	356	100	18.7	204.8	2.55	2.65	62.01	2408.2	.060	1.23	1.24	24.4	29.9	.219	.252	366	45.6	4.5	1.34	1.30	1.25	1.03	D
393	2134	2418.0	8.83	245	336	99	18.4	205.5	2.54	2.25	61.85	2409.4	.050	1.23	1.24	24.6	29.9	.218	.255	367	45.7	4.5	1.37	1.30	1.25	1.03	D
394	2140	2419.0	10.1	254	316	99	18.2	204.8	2.55	2.29	61.37	2410.1	.050	1.23	1.24	24.7	30.2	.218	.254	368	45.8	4.5	1.33	1.30	1.25	1.03	D
395	2148	2420.0	7.95	248	357	100	17.3	205.5	2.54	2.36	60.89	2411.5	.060	1.23	1.25	24.8	30.2	.217	.254	369	45.9	4.6	1.37	1.30	1.25	1.03	D
396	2152	2421.0	11.7	252	315	100	17.1	205.5	2.54	2.40	60.57	2412.3	.060	1.24	1.25	24.9	30.1	.217	.255	370	46.0	4.6	1.27	1.30	1.25	1.04	D
397	2157	2422.0	12.3	258	324	100	17.5	206.8	2.54	2.32	60.26	2413.0	.050	1.23	1.24	25.0	30.1	.217	.254	371	46.1	4.6	1.26	1.29	1.25	1.04	D
398	2202	2423.0	12.9	255	319	99	18.0	208.2	2.54	2.40	59.94	2413.8	.060	1.23	1.24	25.0	30.3	.217	.253	372	46.1	4.6	1.26	1.29	1.25	1.04	D
399	2207	2424.0	11.1	257	309	100	17.9	206.2	2.53	2.36	59.62	2414.6	.060	1.23	1.24	25.0	30.2	.218	.254	373	46.2	4.6	1.30	1.29	1.25	1.04	D
400	2212	2425.0	11.9	253	310	99	17.2	205.5	2.53	2.35	59.46	2415.4	.050	1.23	1.24	25.0	30.3	.218	.253	374	46.3	4.6	1.26	1.29	1.25	1.05	D

STATOIL : 15/9-18

Data Printed at time 15:53 Date Feb 24 '84
Data Rec at time 22:34 Date Jan 7 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXND	
401	2234	2426.0	8.18	230	297	99	16.2	205.5	2.52	2.14	52.62	2416.4	.050	1.23	1.24	25.0	29.8	.217	.257	375	46.5	4.6	1.33	1.29	1.25	1.05	D
402	2242	2427.0	6.95	223	304	99	16.9	204.1	2.51	2.15	51.83	2417.5	.050	1.23	1.24	25.0	30.2	.218	.255	376	46.6	4.6	1.39	1.29	1.25	1.05	D
403	2253	2428.0	5.32	215	281	98	18.1	204.1	2.52	2.17	52.31	2419.3	.050	1.23	1.24	25.1	30.6	.220	.254	377	46.8	4.6	1.49	1.29	1.25	1.05	D
404	2307	2429.0	4.39	218	304	99	17.4	203.4	2.52	2.28	52.62	2421.6	.050	1.23	1.24	25.2	30.3	.220	.255	378	47.0	4.6	1.52	1.30	1.25	1.04	D
405	2318	2430.0	5.11	239	326	99	18.7	203.4	2.52	1.95	53.58	2423.9	.050	1.23	1.24	25.2	30.5	.221	.254	379	47.2	4.6	1.52	1.30	1.25	1.04	D
406	2328	2431.0	6.36	239	363	99	18.5	203.4	2.52	1.97	53.90	2425.4	0.00	1.22	1.24	25.2	30.7	.220	.252	380	47.4	4.6	1.46	1.31	1.25	1.04	D
407	2337	2432.0	6.70	239	317	99	18.6	204.1	2.52	2.28	54.21	2425.7	.040	1.23	1.24	25.3	30.4	.218	.254	381	47.5	4.7	1.44	1.31	1.25	1.04	D
408	2346	2433.0	6.22	246	323	99	18.2	204.8	2.52	2.26	54.69	2426.5	.040	1.23	1.24	25.4	30.2	.217	.255	382	47.7	4.7	1.45	1.31	1.25	1.04	D
409	2352	2434.0	9.91	248	325	97	18.2	204.1	2.52	2.30	55.01	2427.1	.030	1.23	1.24	25.4	30.5	.218	.253	383	47.8	4.7	1.33	1.31	1.25	1.04	D
410	2359	2435.0	8.50	261	322	98	18.9	204.1	2.52	1.87	55.33	2427.6	.030	1.23	1.24	25.4	30.4	.218	.252	384	47.9	4.7	1.39	1.31	1.25	1.04	D
	Date	Jan 8 '84																									
411	0008	2436.0	6.69	250	354	98	18.7	204.1	2.52	1.82	55.96	2428.3	.030	1.24	1.24	25.3	30.7	.218	.251	385	48.1	4.7	1.44	1.31	1.25	1.04	D
412	0035	2437.1	7.59	247	387	104	20.0	206.8	2.56	1.79	56.76	2429.9	.030	1.23	1.24	25.3	30.8	.217	.251	386	48.4	4.7	1.46	1.32	1.25	1.04	D
413	0046	2438.1	5.67	245	321	104	19.6	208.2	2.56	1.89	57.55	2431.0	.030	1.23	1.24	25.4	30.8	.216	.252	387	48.6	4.7	1.52	1.32	1.25	1.03	D
414	0054	2439.0	6.72	263	351	104	19.7	209.6	2.55	1.66	58.03	2431.8	.040	1.23	1.24	25.4	30.7	.217	.252	388	48.7	4.7	1.48	1.32	1.25	1.03	D
415	0109	2440.0	4.01	228	328	103	19.9	203.4	2.51	1.67	59.30	2433.7	.040	1.24	1.24	25.4	30.6	.215	.252	389	49.0	4.8	1.63	1.33	1.25	1.03	D
416	0121	2441.0	4.59	232	370	110	20.2	203.4	2.51	1.64	60.10	2435.0	.030	1.23	1.24	25.4	30.8	.216	.251	390	49.2	4.8	1.61	1.33	1.25	1.03	D
417	0133	2442.0	5.18	237	380	110	21.2	202.7	2.52	1.74	60.73	2435.5	.030	1.24	1.24	25.4	30.6	.216	.251	391	49.4	4.8	1.60	1.34	1.25	1.03	D
418	0145	2443.0	4.97	259	336	110	20.4	204.8	2.52	1.74	61.69	2436.9	.030	1.24	1.24	25.3	30.8	.215	.249	392	49.6	4.8	1.59	1.35	1.25	1.02	D
419	0155	2444.0	5.74	251	372	110	20.4	204.1	2.51	1.72	62.32	2438.0	.030	1.24	1.24	25.4	30.8	.214	.249	393	49.7	4.8	1.55	1.35	1.25	1.02	D
420	0220	2445.1	8.20	265	402	112	20.2	203.4	2.52	1.64	63.75	2439.6	.030	1.23	1.24	25.3	28.9	.214	.256	394	50.0	4.8	1.46	1.35	1.25	1.02	D
421	0228	2446.0	7.19	266	384	119	20.3	203.4	2.53	1.69	64.23	2440.1	.030	1.24	1.23	25.3	30.1	.214	.250	395	50.1	4.9	1.51	1.36	1.25	1.02	D
422	0234	2447.0	10.0	278	448	118	19.6	204.1	2.52	1.66	64.71	2440.7	.030	1.24	1.24	25.2	30.0	.214	.251	396	50.2	4.9	1.40	1.36	1.26	1.02	D
423	0247	2448.0	4.44	269	375	113	20.5	203.4	2.52	1.52	67.25	2441.6	.020	1.24	1.24	25.0	30.2	.216	.251	397	50.4	4.9	1.63	1.36	1.26	1.01	D
424	0256	2449.0	6.57	279	381	113	20.6	203.4	2.52	1.56	69.64	2442.3	.030	1.25	1.23	24.6	30.1	.217	.252	398	50.5	4.9	1.53	1.37	1.26	1.01	D
425	0311	2450.0	3.98	246	414	115	20.2	202.7	2.52	1.52	74.25	2443.8	.030	1.25	1.24	24.4	30.1	.216	.251	399	50.8	4.9	1.65	1.37	1.26	1.01	D
426	0319	2451.0	7.45	257	391	114	19.6	202.7	2.52	1.72	76.63	2444.8	.030	1.25	1.24	24.3	29.8	.217	.251	400	50.9	4.9	1.47	1.38	1.26	1.01	D
427	0336	2452.0	3.62	256	430	114	21.1	202.7	2.53	1.65	81.40	2445.6	.030	1.25	1.24	24.2	29.6	.218	.251	401	51.2	5.0	1.69	1.38	1.26	1.01	D
428	0343	2453.0	4.74	238	399	115	19.9	203.4	2.53	1.44	82.20	2447.3	.020	1.25	1.24	24.4	29.4	.215	.251	402	51.4	5.0	1.59	1.38	1.26	1.01	D
429	0404	2454.0	4.06	242	353	115	20.2	204.1	2.52	1.61	82.83	2448.5	.020	1.25	1.25	24.5	29.5	.214	.253	403	51.7	5.0	1.63	1.39	1.26	1.00	D
+ Drop survey and POOH at 2454.4m with NB#7.																											
NB#8, HTC XDG, 12.25" w/15:15:15 jets.																											
	Date	Jan 9 '84																									
435	0316	2455.0	12.2	222	297	111	7.47	205.5	2.52	2.47	81.88	2369.0	.200	1.24	1.23	16.3	22.4	.216	.310	.6	.2	.2	.99	1.13	1.30	1.00	D
436	0329	2456.0	4.49	223	290	112	8.26	205.5	2.52	2.36	79.65	2454.0	.360	1.23	1.23	17.4	23.3	.217	.371	1.6	.4	.3	1.26	1.14	1.25	.999	D
437	0333	2457.0	6.97	239	323	100	8.07	205.5	2.52	2.34	78.38	2462.8	.340	1.24	1.23	18.3	24.2	.216	.515	2.6	.5	.4	1.14	1.14	1.25	1.00	D
438	0344	2458.0	8.77	259	330	98	11.2	206.8	2.54	2.32	77.74	2374.2	.210	1.24	1.23	18.8	23.1	.216	.557	3.6	.6	.4	1.15	1.14	1.29	1.00	D
439	0355	2459.1	5.86	253	371	99	11.8	206.8	2.52	2.39	77.11	2399.7	.250	1.23	1.23	19.7	22.0	.216	.503	4.6	.8	.5	1.26	1.14	1.28	.997	D
440	0402	2460.0	8.45	275	362	98	13.9	206.8	2.53	2.41	76.79	2414.5	.250	1.23	1.23	20.2	22.4	.215	.582	5.6	.9	.5	1.24	1.15	1.27	.995	D
441	0407	2461.0	10.8	281	370	98	14.4	206.2	2.52	2.39	76.47	2427.5	.190	1.23	1.23	20.5	22.0	.215	.617	6.6	1.0	.6	1.20	1.15	1.27	.994	D
442	0414	2462.0	9.42	274	335	98	14.3	205.5	2.53	2.40	76.15	2435.5	.180	1.23	1.23	20.9	21.9	.214	.680	7.5	1.1	.6	1.24	1.15	1.26	.992	D
443	0421	2463.0	7.96	283	361	98	14.3	204.8	2.52	2.45	75.68	2435.7	.140	1.23	1.23	21.2	21.9	.214	.672	8.6	1.3	.7	1.23	1.16	1.26	.989	D
444	0424	2464.1	17.6	290	369	98	14.2	204.8	2.52	2.42	76.95	2436.3	.110	1.22	1.23	21.3	21.9	.213	.669	9.6	1.3	.7	1.00	1.16	1.26	.991	D
445	0441	2465.0	8.48	304	379	112	14.3	205.5	2.53	2.42	75.36	2455.0	.050	1.21	1.23	21.7	24.9	.213	.260	10.6	1.4	.8	1.30	1.16	1.26	.983	D
446	0458	2466.0	13.8	290	401	103	13.6	202.7	2.52	2.41	74.09	2456.2	.050	1.21	1.23	22.0	26.8	.212	.264	11.6	1.6	.8	1.16	1.16	1.24	.989	D
447	0503	2467.0	11.4	289	390	101	14.6	202.0	2.51	2.42	74.25	2456.9	.040	1.21	1.23	22.1	27.3	.212	.265	12.6	1.7	.9	1.23	1.17	1.24	.988	D
448	0505	2468.0	28.1	310	372	100	14.4	201.3	2.51	2.42	74.25	2457.1	.040	1.21	1.23	22.1	27.5	.212	.266	13.6	1.7	.9	1.00	1.17	1.24	.988	D
449	0515	2469.0	21.3	322	409	105	14.4	202.7	2.52	2.40	76.00	2457.5	.040	1.22	1.23	22.2	27.2	.213	.270	14.6	1.8	.9	1.03	1.17	1.24	.991	D
450	0707	2470.0	13.3	288	459	107	13.9	199.9	2.52	2.35	76.00	2463.6	.030	1.23	1.23	25.4	31.6	.209	.253	15.6	1.9	1.0	1.21	1.17	1.22	.990	D
451	0710	2471.0	25.7	345	420	112	14.3	199.9	2.52	2.36	76.00	2463.6	.020	1.23	1.23	25.4	30.9	.209	.255	16.6	2.0	1.0	1.07	1.17	1.22	.994	D

STATOIL : 15/9-18

Data Printed at time 15:59 Date Feb 24 '84
Data Rec[illegible] at time 07:12 Date Jan 9 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TVI	DXC	NXB	ECD	NXID	
452	0712	2472.0	28.0	356	445	111	16.2	199.9	2.53	2.40	76.00	2468.6	.020	1.23	1.23	25.5	30.5	.210	.257	17.6	2.0	1.0	1.08	1.17	1.22	.997	D
453	0715	2473.0	21.5	333	401	112	14.2	199.3	2.52	2.35	76.15	2468.6	.030	1.23	1.23	25.6	30.2	.210	.258	18.6	2.0	1.0	1.11	1.16	1.22	.999	D
454	0718	2474.0	17.3	314	400	112	14.9	199.9	2.52	2.38	76.15	2468.6	.020	1.23	1.23	25.6	30.4	.210	.256	19.6	2.1	1.0	1.17	1.17	1.22	.999	D
455	0744	2475.0	11.3	289	396	105	15.0	199.9	2.53	2.35	76.63	2468.6	.020	1.23	1.23	25.6	28.0	.209	.262	20.6	2.3	1.1	1.26	1.17	1.23	.998	D
456	0749	2476.0	11.7	282	363	103	14.4	199.9	2.52	2.34	76.63	2468.6	.020	1.23	1.23	25.5	29.4	.209	.254	21.6	2.4	1.1	1.23	1.17	1.23	.997	D
457	0752	2477.0	19.1	284	382	102	13.2	199.3	2.53	2.47	76.63	2468.6	.020	1.23	1.24	25.5	29.7	.210	.254	22.6	2.4	1.2	1.08	1.17	1.23	1.00	D
458	0801	2478.0	6.85	282	375	103	15.0	200.6	2.52	2.48	76.95	2468.6	.030	1.23	1.24	25.3	30.0	.207	.255	23.6	2.6	1.2	1.37	1.18	1.24	.995	D
459	0806	2479.0	13.1	287	416	103	13.8	202.0	2.54	2.49	77.11	2468.6	.020	1.23	1.24	25.3	30.0	.207	.255	24.6	2.7	1.3	1.18	1.18	1.24	.996	D
460	0812	2480.0	10.2	287	348	102	13.7	202.7	2.53	2.49	77.27	2468.6	.030	1.23	1.24	25.2	30.0	.208	.254	25.6	2.8	1.3	1.24	1.18	1.24	.995	D
461	0817	2481.0	11.8	276	388	103	13.7	203.4	2.53	2.50	77.43	2468.6	.030	1.23	1.24	25.2	30.0	.209	.253	26.6	2.8	1.3	1.20	1.18	1.24	.995	D
462	0820	2482.0	17.8	277	360	103	12.9	202.0	2.52	2.51	77.59	2468.6	.030	1.23	1.24	25.1	29.9	.209	.254	27.6	2.9	1.3	1.03	1.18	1.24	.999	D
463	0823	2483.0	20.4	287	345	103	13.1	202.0	2.52	2.50	77.59	2468.6	.030	1.23	1.24	25.1	29.9	.209	.254	28.6	2.9	1.4	1.06	1.18	1.24	1.00	D
464	0847	2484.0	11.5	269	347	103	14.5	199.9	2.52	2.55	78.54	2473.1	.050	1.24	1.24	25.1	31.0	.209	.253	29.6	3.1	1.4	1.22	1.18	1.25	1.00	D
465	0848	2485.0	33.5	295	389	121	14.5	199.9	2.51	2.53	78.22	2473.1	.060	1.24	1.24	25.1	29.5	.208	.259	30.6	3.1	1.4	1.00	1.18	1.25	1.00	D
466	0853	2486.0	14.6	296	355	115	15.1	197.2	2.52	2.53	78.06	2473.1	.050	1.23	1.24	25.2	29.3	.207	.257	31.6	3.2	1.5	1.20	1.18	1.25	1.00	D
467	0855	2487.0	22.4	294	401	110	15.0	200.6	2.53	2.60	78.06	2473.2	.040	1.23	1.24	25.2	29.8	.207	.253	32.6	3.2	1.5	1.09	1.18	1.25	1.01	D
468	0902	2488.0	7.64	294	468	111	15.7	200.6	2.54	2.59	78.22	2474.6	.050	1.23	1.24	25.2	29.9	.208	.253	33.6	3.4	1.5	1.37	1.18	1.25	1.00	D
469	0905	2489.1	22.0	324	472	109	14.7	201.3	2.54	2.59	78.22	2474.9	.050	1.23	1.24	25.2	30.3	.209	.252	34.6	3.4	1.5	1.08	1.18	1.25	1.01	D
470	0909	2490.0	15.5	304	380	111	15.3	200.6	2.54	2.69	78.38	2475.9	.060	1.23	1.24	25.2	30.3	.209	.252	35.6	3.5	1.6	1.18	1.18	1.25	1.01	D
471	0912	2491.0	17.5	320	431	110	14.9	200.6	2.53	2.63	78.38	2476.2	.060	1.23	1.24	25.1	30.2	.209	.253	36.6	3.5	1.6	1.15	1.18	1.25	1.01	D
472	0915	2492.0	19.5	318	431	110	14.6	199.9	2.52	2.60	78.38	2476.7	.050	1.23	1.24	25.1	30.2	.208	.253	37.6	3.6	1.6	1.11	1.18	1.25	1.01	D
473	0918	2493.0	21.0	307	359	110	14.3	200.6	2.54	2.63	78.38	2477.0	.050	1.23	1.24	25.1	30.5	.208	.252	38.6	3.6	1.6	1.09	1.18	1.25	1.02	D
474	1005	2494.0	24.0	299	358	110	14.7	200.6	2.52	2.51	88.24	2482.8	.010	1.23	1.24	25.5	33.4	.208	.245	39.2	3.7	1.6	0.00	1.17	1.24	1.02	D
+ Drop survey and make 8 stand wiper trip at 2493.7m																											
480	1140	2495.0	28.1	325	384	107	15.3	203.4	2.56	2.41	78.54	2493.6	.080	1.25	1.24	25.1	17.0	.207	.316	40.6	3.7	1.7	1.04	1.38	1.24	1.00	D
481	1146	2496.0	10.3	303	364	108	15.6	200.6	2.52	2.24	78.22	2493.6	.080	1.23	1.24	25.0	27.5	.208	.246	41.6	3.8	1.7	1.29	1.38	1.24	1.00	D
482	1149	2497.0	19.5	307	350	108	15.5	200.6	2.52	2.37	78.22	2493.6	.090	1.23	1.24	24.9	28.9	.208	.244	42.6	3.9	1.7	1.13	1.38	1.24	1.00	D
483	1152	2498.0	20.5	310	371	108	14.6	200.6	2.52	2.53	78.38	2493.6	.090	1.23	1.24	24.7	29.5	.208	.245	43.6	3.9	1.7	1.10	1.38	1.25	1.00	D
484	1158	2499.0	13.3	344	489	106	14.5	201.3	2.52	2.57	78.38	2493.6	.090	1.23	1.24	24.0	29.5	.210	.252	44.6	4.0	1.8	1.20	1.38	1.25	1.00	D
485	1207	2500.0	6.46	259	333	97	13.5	200.6	2.52	2.55	78.38	2493.6	.080	1.23	1.24	23.8	29.6	.209	.254	45.6	4.1	1.8	1.32	1.38	1.25	1.00	D
486	1231	2501.0	2.55	249	321	98	13.9	200.6	2.52	2.54	77.59	2493.2	.080	1.23	1.24	24.2	30.0	.207	.252	46.6	4.5	1.9	1.55	1.39	1.25	1.00	D
487	1237	2502.0	9.86	260	319	98	13.1	200.6	2.52	2.58	77.27	2493.2	.080	1.23	1.24	24.5	30.1	.207	.252	47.6	4.6	1.9	1.21	1.39	1.25	1.00	D
488	1258	2503.0	9.01	255	299	98	13.0	202.0	2.51	2.47	76.47	2495.6	.210	1.24	1.24	24.8	30.4	.207	.261	48.6	4.8	2.0	1.23	1.38	1.25	1.01	D
489	1306	2504.0	8.37	247	290	99	11.9	202.0	2.55	2.44	76.00	2497.8	.170	1.23	1.24	24.9	30.6	.208	.269	49.6	4.9	2.0	1.22	1.38	1.25	1.01	D
490	1324	2505.0	3.24	229	284	100	11.3	202.0	2.55	2.59	73.29	2500.1	.050	1.23	1.24	25.3	31.0	.207	.250	50.6	5.2	2.1	1.42	1.38	1.24	1.01	D
491	1401	2506.0	1.54	212	267	100	13.6	202.0	2.54	2.48	71.07	2502.8	.050	1.22	1.24	25.7	31.1	.207	.249	51.6	5.9	2.3	1.68	1.38	1.24	1.01	D
492	1431	2507.0	2.00	222	387	100	14.5	201.3	2.55	2.50	68.68	2504.8	.040	1.23	1.23	25.9	31.6	.207	.247	52.6	6.4	2.4	1.65	1.38	1.24	1.01	D
493	1441	2508.0	5.94	244	232	99	16.7	201.3	2.55	2.47	67.73	2505.3	.040	1.23	1.23	26.0	31.6	.208	.247	53.6	6.5	2.5	1.44	1.38	1.24	1.01	D
494	1450	2509.0	6.94	249	285	99	17.2	201.3	2.54	2.48	66.77	2505.6	.040	1.23	1.23	26.1	31.9	.207	.246	54.6	6.7	2.5	1.41	1.38	1.24	1.01	D
495	1458	2510.0	7.28	262	304	99	17.3	201.3	2.54	2.50	65.98	2505.7	.040	1.24	1.23	26.2	32.1	.206	.245	55.6	6.8	2.5	1.40	1.38	1.24	1.01	D
496	1511	2511.0	4.65	243	293	99	18.0	201.3	2.54	2.46	64.71	2506.1	.040	1.24	1.23	26.4	32.2	.207	.244	56.6	7.0	2.6	1.53	1.39	1.24	1.01	D
497	1517	2512.0	9.63	253	332	99	17.9	201.3	2.55	2.49	64.23	2506.3	.040	1.24	1.23	26.4	32.4	.206	.245	57.6	7.1	2.6	1.34	1.39	1.25	1.01	D
498	1526	2513.0	6.59	253	311	99	17.8	202.7	2.54	2.48	63.44	2506.4	.040	1.23	1.23	26.5	32.3	.206	.246	58.6	7.3	2.7	1.43	1.39	1.25	1.01	D
499	1551	2514.0	6.24	243	298	97	17.6	200.6	2.53	2.45	62.80	2507.6	.040	1.22	1.23	26.7	32.5	.207	.243	59.6	7.5	2.7	1.44	1.39	1.25	1.01	D
500	1600	2515.0	6.64	259	289	97	18.3	200.6	2.52	2.45	62.64	2508.7	.040	1.23	1.23	26.8	32.5	.207	.245	60.6	7.7	2.8	1.44	1.39	1.25	1.01	D
501	1609	2516.0	7.09	259	300	97	18.1	201.3	2.53	2.66	62.01	2509.6	.040	1.23	1.23	26.8	32.7	.207	.244	61.6	7.8	2.8	1.42	1.39	1.25	1.01	D
502	1621	2517.0	4.83	252	335	97	13.1	199.9	2.52	2.67	61.53	2510.6	.040	1.23	1.23	26.9	32.6	.208	.245	62.6	8.0	2.9	1.52	1.39	1.25	1.01	D
503	1627	2518.0	10.8	253	331	97	17.7	200.6	2.52	2.54	61.69	2511.3	.060	1.23	1.23	26.9	33.2	.208	.242	63.6	8.1	2.9	1.30	1.39	1.25	1.01	D
504	1645	2519.0	3.43	251	342	98	18.5	200.6	2.53	2.47	61.05	2513.2	.050	1.23	1.23	27.1	33.6	.207	.242	64.6	8.4	3.0	1.62	1.40	1.24	1.01	D
505	1716	2520.0	1.85	250	304	99	18.8	199.9	2.52	2.47	59.94	2515.8	.050	1.23	1.23	27.6	34.2	.207	.242	65.6	8.9	3.1	1.79	1.40	1.24	1.01	D

STATOIL : 15/9-18

Data Printed at time 16:06 Date Feb 24 '84
Data Rec at time 17:28 Date Jan 9 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT in hours	EST TW	DXC	IXB	ECD	IXMD	
506	1723	2521.0	4.92	249	298	100	18.3	200.6	2.53	2.37	59.94	2516.9	.040	1.23	1.23	27.8	34.9	.206	.240	66.6	9.1	3.2	1.53	1.40	1.24	1.01	D
507	1744	2522.0	3.91	249	312	100	18.7	201.3	2.53	2.49	59.46	2518.6	.050	1.23	1.23	28.1	34.5	.206	.241	67.6	9.4	3.2	1.60	1.41	1.24	1.00	D
508	1815	2523.0	5.01	252	470	100	18.9	200.6	2.52	2.57	58.83	2519.5	.030	1.22	1.23	28.0	34.8	.207	.239	68.6	9.7	3.3	1.54	1.41	1.24	1.00	D
509	1824	2524.0	6.92	258	356	100	18.6	199.9	2.52	2.57	58.98	2519.6	.020	1.22	1.23	28.0	34.6	.207	.241	69.6	9.9	3.4	1.45	1.41	1.24	1.00	D
510	1833	2525.0	6.37	262	316	101	18.8	199.3	2.51	2.54	58.83	2520.2	.030	1.23	1.23	28.0	34.5	.207	.241	70.6	10.1	3.4	1.48	1.41	1.24	1.00	D
511	1844	2526.0	5.74	292	496	98	18.4	199.9	2.52	2.58	58.98	2520.9	.030	1.23	1.23	28.1	34.5	.206	.241	71.6	10.2	3.4	1.49	1.41	1.24	1.00	D
512	1852	2527.0	6.91	270	486	100	17.6	199.9	2.52	2.58	58.98	2521.3	.030	1.23	1.23	28.1	34.4	.207	.241	72.6	10.4	3.5	1.42	1.41	1.24	1.00	D
513	1901	2528.0	7.13	276	485	99	17.4	199.3	2.52	2.60	59.14	2521.9	.030	1.23	1.23	28.1	34.9	.207	.239	73.6	10.5	3.5	1.41	1.41	1.24	1.00	D
514	1909	2529.0	7.25	262	387	100	17.8	199.3	2.52	2.61	59.14	2522.5	.020	1.23	1.23	28.1	34.7	.207	.239	74.6	10.7	3.5	1.42	1.41	1.24	1.01	D
515	1918	2530.0	6.62	253	329	101	17.9	199.3	2.52	2.60	59.14	2522.6	.020	1.23	1.23	28.2	34.1	.207	.241	75.6	10.8	3.6	1.45	1.41	1.24	1.01	D
516	1927	2531.0	6.82	246	350	101	17.6	199.3	2.51	2.59	59.14	2523.2	.020	1.23	1.23	28.2	34.8	.207	.239	76.6	10.9	3.6	1.43	1.41	1.24	1.01	D
517	1935	2532.3	9.56	237	293	102	17.2	199.3	2.51	.557	60.57	2524.2	.020	1.23	1.23	28.2	34.5	.207	.240	77.5	11.1	3.6	1.35	1.41	1.23	1.01	D
518	2000	2533.0	9.08	248	314	97	17.8	201.3	2.52	2.64	61.05	2525.3	.020	1.22	1.23	27.5	31.9	.208	.247	78.6	11.2	3.7	1.35	1.41	1.24	1.01	D
519	2003	2534.0	7.13	255	335	97	17.5	200.6	2.53	2.61	61.05	2526.1	.030	1.23	1.23	27.5	34.0	.208	.237	79.6	11.4	3.7	1.40	1.40	1.24	1.01	D
520	2015	2535.0	8.52	278	462	97	17.1	202.0	2.52	2.63	61.37	2527.0	.020	1.23	1.23	27.4	34.2	.208	.239	80.6	11.5	3.7	1.35	1.40	1.24	1.02	D
521	2025	2536.0	6.21	255	364	98	17.6	202.0	2.52	2.67	61.69	2528.1	.020	1.23	1.23	27.2	33.3	.208	.243	81.6	11.6	3.8	1.44	1.40	1.24	1.02	D
522	2039	2537.0	4.26	247	311	98	17.7	201.3	2.53	2.65	63.28	2529.8	.030	1.24	1.23	27.1	33.5	.209	.243	82.6	11.9	3.8	1.54	1.41	1.24	1.02	D
523	2050	2538.0	5.46	252	468	98	17.6	202.0	2.53	2.64	64.55	2530.9	.010	1.24	1.23	27.0	33.4	.209	.242	83.6	12.1	3.9	1.48	1.41	1.24	1.02	D
524	2103	2539.0	4.43	256	333	97	17.9	201.3	2.53	2.63	65.82	2532.6	.010	1.24	1.23	27.0	33.2	.209	.241	84.6	12.3	3.9	1.54	1.41	1.24	1.01	D
525	2107	2540.0	16.3	276	477	97	16.2	201.3	2.52	2.62	66.14	2532.8	.010	1.23	1.23	27.0	32.8	.209	.242	85.6	12.3	3.9	1.16	1.41	1.24	1.01	D
526	2116	2541.0	6.67	278	478	97	17.3	202.7	2.53	2.61	67.09	2533.8	.010	1.23	1.23	27.0	33.0	.208	.241	86.6	12.5	3.9	1.41	1.41	1.25	1.02	D
527	2121	2542.0	12.2	261	479	97	15.9	202.0	2.52	2.62	67.41	2534.3	.010	1.24	1.23	27.0	32.7	.208	.243	87.6	12.6	4.0	1.23	1.41	1.25	1.02	D
528	2155	2543.0	6.59	246	359	97	17.5	201.3	2.51	2.64	67.25	2536.5	.020	1.23	1.23	26.6	32.8	.208	.241	88.6	13.0	4.0	1.42	1.41	1.25	1.02	D
529	2202	2544.0	8.14	259	337	97	17.5	200.6	2.52	2.59	67.57	2537.1	.020	1.23	1.23	26.6	33.1	.207	.243	89.6	13.1	4.1	1.37	1.41	1.25	1.02	D
530	2218	2545.0	3.72	252	372	97	17.9	202.0	2.52	2.60	68.36	2538.2	.030	1.23	1.23	26.7	33.1	.207	.243	90.6	13.3	4.1	1.58	1.41	1.25	1.02	D
531	2247	2546.0	2.13	249	292	98	18.6	201.3	2.52	2.57	70.11	2542.0	.030	1.23	1.23	26.9	32.5	.208	.247	91.5	13.8	4.2	1.74	1.41	1.24	1.02	D
532	2255	2547.0	7.17	255	383	98	18.4	201.3	2.52	2.53	70.59	2542.3	.020	1.23	1.23	26.9	32.4	.208	.246	92.6	14.0	4.2	1.42	1.41	1.25	1.02	D
533	2301	2548.0	9.78	268	420	97	17.6	202.0	2.51	2.55	70.75	2542.7	.020	1.23	1.23	26.9	32.9	.208	.245	93.6	14.1	4.3	1.32	1.41	1.25	1.02	D
534	2306	2549.0	11.5	275	430	97	18.0	201.3	2.52	2.42	71.39	2543.4	.030	1.23	1.23	26.9	32.3	.208	.248	94.6	14.1	4.3	1.29	1.40	1.25	1.03	D
535	2324	2550.0	3.36	261	324	98	18.2	201.3	2.52	2.42	72.34	2545.0	.020	1.23	1.23	26.8	32.4	.209	.246	95.6	14.4	4.3	1.61	1.41	1.24	1.03	D
536	2330	2551.0	9.17	250	368	97	18.0	201.3	2.52	2.41	72.66	2545.2	.020	1.23	1.23	26.8	32.8	.209	.244	96.6	14.5	4.4	1.35	1.40	1.25	1.03	D
	Date	Jan 10 '84																								
537	0000	2552.0	4.69	245	347	98	18.1	202.0	2.52	2.41	73.77	2546.0	.020	1.24	1.23	26.6	32.0	.209	.246	97.6	14.9	4.4	1.52	1.41	1.25	1.03	D
538	0023	2553.0	2.55	243	323	107	19.1	202.0	2.52	2.46	72.82	2549.2	.030	1.24	1.23	26.7	32.3	.207	.247	98.6	15.3	4.5	1.73	1.41	1.25	1.03	D
539	0034	2554.0	6.05	247	444	110	19.9	201.3	2.52	2.41	72.66	2549.6	.030	1.24	1.23	26.7	32.3	.208	.245	99.6	15.5	4.6	1.53	1.41	1.25	1.03	D
540	0043	2555.0	5.99	257	359	109	19.6	200.6	2.52	2.42	72.66	2550.6	.020	1.23	1.23	26.6	32.0	.209	.246	101	15.6	4.6	1.53	1.41	1.25	1.03	D
541	0043	2556.0	11.7	279	395	109	19.4	200.6	2.51	2.41	72.82	2550.9	.020	1.23	1.23	26.6	32.2	.208	.245	102	15.7	4.6	1.35	1.41	1.25	1.03	D
542	0055	2557.0	9.22	276	363	108	19.8	200.6	2.51	2.42	72.98	2551.4	.030	1.23	1.23	26.5	32.3	.208	.245	103	15.8	4.7	1.42	1.41	1.25	1.03	D
543	0100	2558.0	11.5	289	430	109	19.9	202.0	2.52	2.43	72.98	2551.6	.020	1.23	1.23	26.5	32.1	.208	.246	104	15.9	4.7	1.36	1.40	1.25	1.03	D
544	0117	2559.0	3.65	234	394	110	20.1	202.0	2.52	2.42	73.61	2552.4	.030	1.23	1.23	26.5	32.1	.208	.246	105	16.2	4.8	1.67	1.41	1.25	1.03	D
545	0136	2560.0	3.08	232	367	110	20.3	202.0	2.51	2.41	79.81	2553.4	.030	1.23	1.23	26.1	31.9	.213	.246	106	16.5	4.8	1.73	1.41	1.24	1.03	D
546	0209	2561.0	2.54	242	341	110	20.8	200.6	2.51	2.37	85.06	2557.1	.020	1.25	1.23	26.2	32.1	.208	.246	107	16.9	5.0	1.80	1.41	1.24	1.03	D
547	0219	2562.0	6.15	259	368	103	19.8	200.6	2.51	2.40	84.10	2558.4	.020	1.23	1.23	26.3	31.8	.208	.246	108	17.1	5.0	1.51	1.41	1.24	1.03	D
548	0226	2563.0	9.32	255	365	111	19.7	202.7	2.52	2.44	84.58	2558.9	.020	1.23	1.23	26.3	32.5	.208	.243	109	17.2	5.0	1.42	1.41	1.24	1.03	D
549	0234	2564.0	7.42	272	428	111	20.1	202.7	2.52	2.41	85.06	2559.2	.020	1.24	1.23	26.3	32.7	.207	.243	110	17.3	5.1	1.49	1.41	1.25	1.03	D
550	0259	2565.0	2.37	227	349	112	19.9	202.7	2.51	2.39	87.92	2560.8	.020	1.24	1.23	26.5	32.2	.205	.247	111	17.8	5.2	1.78	1.41	1.25	1.03	D
551	0315	2566.0	3.51	237	350	112	18.8	201.3	2.52	2.35	89.03	2561.1	.020	1.24	1.24	26.5	32.2	.206	.249	112	18.0	5.2	1.65	1.42	1.25	1.03	D
552	0326	2567.0	5.97	251	337	112	19.8	200.6	2.52	2.38	89.51	2561.9	.020	1.24	1.24	26.5	32.5	.207	.245	113	18.2	5.3	1.54	1.42	1.25	1.03	D
553	0338	2568.0	4.53	232	326	112	20.0	200.6	2.52	2.35	90.15	2563.5	.020	1.24	1.24	26.5	32.0	.208	.246	114	18.4	5.3	1.61	1.42	1.25	1.03	D
554	0347	2569.0	6.74	234	482	111	19.4	201.3	2.52	2.36	90.46	2564.3	.020	1.24	1.24	26.6	31.5	.209	.245	115	18.6	5.4	1.49	1.42	1.25	1.03	D

STATOIL : 15/9-18

Data Printed at time 16:11 Date Feb 24 '84
Data Recd at time 04:10 Date Jan 10 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXED	
555	0410	2570.0	2.66	249	366	112	19.7	201.3	2.52	2.35	91.10	2565.2	.020	1.24	1.24	26.5	32.1	.208	.243	116	18.9	5.5	1.74	1.43	1.25	1.03	D
556	0426	2571.0	3.91	244	397	105	18.7	201.3	2.52	2.31	91.58	2566.1	.020	1.24	1.24	26.5	32.3	.206	.241	117	19.2	5.5	1.60	1.43	1.25	1.02	D
557	0458	2572.0	2.77	241	391	103	18.4	200.6	2.52	2.31	92.05	2568.0	.020	1.24	1.24	26.5	32.3	.205	.243	118	19.6	5.6	1.67	1.44	1.25	1.02	D
558	0508	2573.0	6.45	253	388	109	18.4	199.9	2.53	2.33	92.05	2568.7	.020	1.24	1.24	26.6	33.5	.204	.241	119	19.8	5.6	1.47	1.43	1.25	1.02	D
559	0513	2574.0	11.5	278	431	112	17.8	200.6	2.53	2.34	92.05	2569.4	.020	1.24	1.24	26.6	32.6	.204	.246	120	19.8	5.6	1.31	1.43	1.25	1.03	D
560	0542	2575.0	2.11	241	376	111	18.3	199.3	2.52	2.33	92.37	2570.4	.030	1.25	1.24	26.8	32.4	.206	.245	121	20.3	5.7	1.76	1.43	1.26	1.03	D
561	0546	2576.0	12.6	253	385	112	18.2	204.1	2.56	2.35	92.53	2570.5	.020	1.25	1.24	26.8	32.3	.206	.245	122	20.4	5.8	1.30	1.43	1.26	1.03	D
562	0603	2577.0	3.64	266	466	113	18.3	204.8	2.56	2.33	93.01	2571.5	.020	1.24	1.24	26.8	32.3	.207	.243	123	20.7	5.8	1.62	1.44	1.26	1.03	D
563	0607	2578.0	14.3	253	397	114	15.5	204.8	2.56	2.34	93.17	2571.6	.020	1.25	1.24	26.7	32.4	.206	.240	124	20.7	5.8	1.21	1.44	1.26	1.03	D
564	0612	2579.0	10.8	261	441	113	16.1	204.8	2.56	2.33	93.33	2571.6	.020	1.24	1.24	26.7	32.7	.207	.243	125	20.8	5.8	1.29	1.44	1.26	1.03	D
565	0623	2580.0	5.88	245	438	114	16.2	204.8	2.55	2.35	93.80	2572.2	.030	1.25	1.24	26.7	32.9	.206	.243	126	21.0	5.9	1.44	1.44	1.26	1.03	D
566	0652	2581.0	5.07	269	478	108	17.0	199.3	2.51	2.31	94.44	2574.1	.030	1.24	1.24	26.7	30.7	.204	.246	127	21.2	5.9	1.49	1.44	1.26	1.03	D
567	0712	2582.0	3.11	237	388	106	16.8	201.3	2.53	2.31	94.44	2574.7	.040	1.24	1.24	26.8	33.5	.204	.237	128	21.6	6.0	1.60	1.44	1.26	1.03	D
568	0736	2583.0	2.48	220	378	108	17.2	199.9	2.52	2.31	94.28	2576.9	.030	1.24	1.24	26.9	32.4	.203	.243	129	22.0	6.1	1.67	1.44	1.26	1.02	D
569	0744	2584.0	7.57	249	470	106	16.0	200.6	2.52	2.30	94.28	2578.6	.020	1.24	1.24	27.0	32.9	.204	.241	130	22.1	6.1	1.36	1.44	1.26	1.03	D
570	0752	2585.0	7.19	250	347	107	15.5	199.9	2.52	2.28	94.28	2579.8	.020	1.25	1.24	27.1	32.5	.204	.243	131	22.2	6.1	1.36	1.43	1.26	1.03	D
571	0803	2586.0	5.27	252	384	107	16.1	200.6	2.53	2.30	94.12	2580.5	.010	1.24	1.24	27.1	32.8	.205	.239	132	22.4	6.1	1.45	1.43	1.26	1.03	D
572	0823	2587.0	2.99	265	422	107	16.7	201.3	2.53	2.31	93.64	2581.4	.010	1.23	1.23	27.1	32.4	.205	.238	133	22.7	6.2	1.61	1.44	1.26	1.03	D
573	0838	2588.0	10.1	301	436	103	14.7	200.6	2.52	2.29	93.64	2581.8	.010	1.23	1.23	27.1	32.9	.206	.237	134	22.8	6.2	1.25	1.44	1.26	1.03	D
574	0847	2589.0	3.69	257	486	101	15.5	201.3	2.52	2.31	93.64	2582.3	.020	1.23	1.23	27.0	33.1	.204	.237	135	23.1	6.3	1.51	1.44	1.26	1.03	D
575	0856	2590.0	7.05	291	436	104	15.8	201.3	2.53	2.33	93.48	2582.8	.010	1.23	1.23	27.1	33.1	.204	.236	136	23.3	6.3	1.37	1.43	1.26	1.04	D
576	0920	2591.0	3.05	267	428	102	15.0	205.5	2.54	2.37	93.17	2584.9	.010	1.23	1.23	27.1	32.5	.204	.239	136	23.4	6.3	1.31	1.43	1.25	1.04	D
577	0927	2592.0	3.66	268	460	103	15.4	205.5	2.56	2.36	92.69	2585.7	.010	1.23	1.23	27.1	32.5	.203	.239	138	23.5	6.3	1.31	1.42	1.25	1.05	D
578	0932	2593.0	9.92	261	435	107	14.8	205.5	2.56	2.35	92.69	2585.9	.020	1.23	1.23	27.2	32.8	.203	.238	139	23.6	6.3	1.27	1.42	1.25	1.05	D
579	0938	2594.0	11.3	322	482	106	13.4	205.5	2.56	2.34	92.69	2586.3	.030	1.23	1.23	27.2	33.4	.203	.236	140	23.7	6.4	1.20	1.42	1.25	1.05	D
580	0943	2595.0	12.8	273	478	107	13.9	205.5	2.55	2.35	92.53	2586.6	.010	1.23	1.23	27.2	33.0	.203	.238	141	23.8	6.4	1.19	1.42	1.25	1.05	D
581	0946	2596.0	15.5	293	494	106	13.7	204.1	2.55	2.36	92.53	2586.7	.030	1.23	1.23	27.2	33.2	.203	.237	142	23.9	6.4	1.14	1.43	1.25	1.05	D
582	0950	2597.0	15.0	300	413	107	14.3	205.5	2.54	2.35	92.53	2586.8	.010	1.23	1.23	27.2	33.2	.203	.237	143	23.9	6.4	1.16	1.43	1.25	1.05	D
583	1003	2598.0	4.75	260	482	107	15.8	204.8	2.55	2.37	92.05	2588.4	.010	1.23	1.23	27.3	33.0	.203	.237	144	24.2	6.4	1.48	1.43	1.25	1.05	D
584	1011	2599.0	7.89	302	485	106	14.4	204.8	2.54	2.35	92.05	2588.6	.010	1.23	1.23	27.3	33.0	.204	.236	145	24.3	6.4	1.32	1.42	1.25	1.05	D
585	1018	2600.0	8.14	275	490	107	13.9	205.5	2.55	2.37	91.74	2589.1	.010	1.23	1.23	27.3	32.7	.204	.237	146	24.4	6.5	1.30	1.41	1.25	1.06	D
586	1036	2601.0	11.5	297	485	104	13.0	201.3	2.51	2.33	91.58	2590.5	.010	1.23	1.23	27.3	31.7	.204	.239	147	24.5	6.5	1.19	1.41	1.24	1.06	D
587	1049	2602.0	4.58	270	484	108	15.8	200.6	2.51	2.34	91.26	2591.2	.010	1.23	1.23	27.2	32.8	.204	.236	148	24.7	6.5	1.49	1.41	1.24	1.06	D
588	1055	2603.0	9.72	291	418	108	15.7	199.9	2.51	2.31	91.10	2592.1	.010	1.23	1.23	27.2	32.3	.204	.237	149	24.8	6.5	1.31	1.41	1.25	1.07	D
589	1109	2604.0	4.15	264	358	109	15.5	199.9	2.51	2.33	90.62	2594.5	.020	1.23	1.23	27.1	32.2	.204	.237	150	25.1	6.6	1.51	1.41	1.24	1.07	D
590	1147	2605.0	1.61	240	390	109	15.9	202.0	2.51	2.32	88.87	2599.9	.010	1.23	1.23	26.9	32.3	.203	.236	151	25.7	6.7	1.76	1.41	1.24	1.07	D
591	1153	2606.0	9.73	280	454	108	15.7	202.0	2.51	2.39	88.56	2600.1	.010	1.23	1.23	26.9	32.4	.204	.236	152	25.8	6.7	1.31	1.40	1.24	1.07	D
592	1219	2607.0	2.29	265	432	109	17.6	200.6	2.51	2.36	88.24	2603.1	.010	1.23	1.24	26.9	32.8	.203	.234	153	26.2	6.8	1.73	1.40	1.24	1.07	D
593	1238	2608.0	3.23	258	391	108	16.2	199.9	2.51	2.37	87.76	2604.1	0.00	1.23	1.23	26.9	32.5	.202	.234	154	26.5	6.8	1.60	1.41	1.24	1.07	D
594	1254	2609.0	3.61	282	438	108	17.6	201.3	2.51	2.37	87.76	2604.3	.010	1.23	1.23	26.9	32.6	.203	.233	155	26.8	6.9	1.61	1.41	1.24	1.07	D
595	1338	2610.0	2.26	275	446	109	16.5	203.9	2.55	2.43	89.51	2606.3	.010	1.24	1.08	26.8	30.6	.203	.256	156	27.3	7.0	1.73	1.42	1.24	1.06	D
596	1342	2611.0	12.5	306	394	116	16.1	202.0	2.52	2.50	85.22	2606.4	.010	1.23	1.24	26.7	31.1	.203	.242	157	27.4	7.0	1.27	1.42	1.24	1.06	D
597	1410	2612.0	2.13	267	418	117	16.8	202.0	2.52	2.47	84.26	2607.7	.010	1.23	1.24	26.3	32.0	.204	.236	158	27.9	7.1	1.74	1.43	1.24	1.06	D
598	1433	2613.0	2.77	283	464	115	16.8	202.0	2.52	2.45	83.47	2609.0	.010	1.23	1.24	26.4	32.0	.203	.234	159	28.2	7.1	1.67	1.43	1.24	1.06	D
599	1454	2614.1	3.03	293	465	113	16.1	202.7	2.52	2.47	82.20	2609.9	.020	1.23	1.24	26.4	31.6	.203	.236	160	28.6	7.2	1.63	1.44	1.24	1.05	D
600	1515	2615.0	2.45	279	469	116	16.3	202.0	2.52	2.44	81.08	2611.1	.010	1.23	1.24	26.4	31.4	.203	.237	161	28.9	7.2	1.69	1.44	1.24	1.05	D
601	1527	2616.1	5.17	299	448	116	14.9	202.0	2.52	2.45	80.77	2611.6	.010	1.23	1.24	26.4	32.2	.203	.233	162	29.1	7.3	1.46	1.44	1.24	1.05	D
602	1538	2617.0	5.26	302	473	115	14.8	201.3	2.52	2.45	80.45	2612.1	.010	1.23	1.24	26.3	31.8	.203	.235	163	29.3	7.3	1.46	1.44	1.24	1.06	D
603	1544	2618.0	9.80	293	454	115	14.3	200.6	2.52	2.44	80.45	2612.2	.020	1.23	1.24	26.3	31.7	.203	.235	164	29.4	7.3	1.29	1.44	1.24	1.06	D
604	1605	2619.0	2.87	314	473	115	15.9	201.3	2.52	2.42	80.29	2613.3	.010	1.23	1.24	26.3	31.6	.203	.235	165	29.7	7.4	1.63	1.44	1.24	1.05	D

STATOIL : 15/9-18

Data Printed at time 16:17 Date Feb 24 '84
Data Recorded at time 16:33 Date Jan 10 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	MXB	ECD	MXID	
605	1638	2620.1	5.01	293	470	112	15.5	204.8	2.53	2.50	81.72	2614.6	.010	1.23	1.24	26.1	31.1	.204	.237	1.66	30.1	7.5	1.43	1.44	1.24	1.06	D
606	1648	2621.0	5.15	303	473	112	17.6	205.5	2.53	2.50	82.36	2614.9	.010	1.23	1.24	26.0	32.0	.204	.233	1.67	30.3	7.5	1.53	1.44	1.24	1.06	D
607	1702	2622.0	4.25	307	460	112	17.2	206.2	2.54	2.51	83.15	2615.8	.020	1.23	1.24	26.0	32.2	.204	.233	1.68	30.5	7.5	1.57	1.44	1.24	1.06	D
608	1712	2623.0	6.07	231	473	112	16.5	205.5	2.53	2.54	83.63	2617.2	.010	1.23	1.23	26.0	32.0	.204	.234	1.69	30.7	7.6	1.46	1.44	1.24	1.06	D
609	1726	2624.0	4.14	274	432	111	15.1	205.5	2.55	2.54	84.26	2617.7	.010	1.24	1.24	26.2	32.2	.203	.234	1.70	30.9	7.6	1.51	1.44	1.24	1.06	D
610	1735	2625.0	6.20	336	476	111	15.6	206.2	2.54	2.51	84.42	2618.4	.010	1.23	1.23	26.2	32.0	.203	.233	1.71	31.1	7.6	1.43	1.44	1.24	1.06	D
611	1747	2626.0	5.03	312	480	112	16.7	206.2	2.54	2.50	84.90	2618.9	.020	1.23	1.23	26.3	32.0	.204	.234	1.72	31.3	7.7	1.51	1.44	1.24	1.06	D
612	1811	2627.0	2.54	280	483	113	16.3	205.5	2.54	2.48	85.54	2620.8	.010	1.23	1.24	26.3	32.1	.204	.235	1.73	31.7	7.7	1.67	1.44	1.24	1.06	D
613	1852	2628.1	1.43	289	491	113	17.6	204.1	2.53	2.56	83.79	2624.3	.010	1.23	1.23	26.4	32.3	.204	.234	1.74	32.4	7.8	1.86	1.44	1.24	1.06	D
614	1915	2629.0	4.32	267	480	115	14.8	202.7	2.49	2.42	85.85	2625.9	.010	1.23	1.22	26.5	32.2	.204	.235	1.75	32.6	7.9	1.50	1.44	1.24	1.06	D
615	1935	2631.1	3.30	305	478	116	14.5	202.7	2.52	2.55	81.40	2626.6	.010	1.23	1.23	26.5	32.0	.204	.234	1.76	32.9	7.9	1.56	1.44	1.24	1.06	D
+ Circulate bottoms up, drop survey and POOH with NB#9.																											
+ RIH with NB#9 CHRIS C22 12.25" to cut core#1.																											
+ Ream to bottom from 2603m before commencing coring.																											
Date Jan 11 '84																											
623	1013	2631.0	6.41	223	337	78	6.26	216.5	2.29	1.97	60.42	2630.0	.030	1.23	1.24	25.4	32.2	.205	.240	1.0	.2	.0	1.06	1.51	1.23	1.05	D
624	1031	2632.0	3.28	234	443	109	12.2	211.7	2.28	1.98	59.30	2630.0	.020	1.24	1.24	25.8	31.2	.205	.243	2.0	.5	.0	1.43	1.51	1.23	1.05	D
625	1247	2632.5	.66	306	446	94	20.3	211.0	2.78	0.00	83.31	2631.4	0.00	1.23	1.24	24.4	26.3	.211	.245	3.0	1.6	.0	2.11	1.52	1.24	1.06	D
+ POOH with NB#9 and Core #1 at 2633m. Cut 3m in 1.6hrs.																											
+ NB#9 cut 2.5m of core in 1.6hrs. Recovery 86%.																											
RIH with RRB#9 to cut Core #2																											
Date Jan 12 '84																											
630	1029	2633.1	1.28	257	404	97	7.11	146.2	1.88	1.34	68.21	2632.5	.030	1.23	1.23	22.7	26.1	.205	.253	.6	1.0	.0	1.45	1.51	1.24	1.06	D
631	1109	2634.0	1.35	235	382	146	16.2	150.3	1.88	1.40	70.59	2632.5	.020	1.23	1.23	22.2	24.8	.208	.258	1.5	1.7	.0	1.89	1.51	1.24	1.06	D
632	1147	2635.0	1.56	284	406	121	13.2	146.9	1.88	1.27	72.34	2632.9	.010	1.23	1.23	21.7	24.7	.210	.254	2.5	2.3	.0	1.71	1.52	1.24	1.06	D
633	1214	2636.0	2.19	272	394	137	11.8	142.7	1.89	1.38	73.61	2633.1	.010	1.23	1.23	21.4	24.7	.209	.252	3.5	2.7	.0	1.60	1.52	1.24	1.06	D
634	1234	2637.0	2.85	277	406	136	11.4	141.3	1.88	1.32	74.25	2633.2	.020	1.23	1.23	21.3	24.9	.207	.253	4.5	3.1	.0	1.53	1.52	1.24	1.06	D
635	1339	2638.0	1.79	261	394	137	11.4	146.2	1.89	1.42	76.00	2634.3	.010	1.23	1.23	21.2	24.6	.207	.256	5.5	3.7	.0	1.63	1.52	1.24	1.06	D
636	1339	2639.0	1.93	259	451	137	11.5	140.0	1.89	1.48	76.79	2634.9	.020	1.23	1.23	21.2	24.4	.207	.262	6.5	4.2	.0	1.62	1.52	1.24	1.06	D
637	1430	2640.0	1.16	250	369	139	12.4	139.3	1.89	1.50	79.02	2637.3	.020	1.23	1.23	21.2	24.5	.208	.262	7.5	5.0	.0	1.77	1.53	1.24	1.05	D
638	1525	2641.0	1.11	254	386	140	12.4	136.5	1.89	1.11	81.08	2638.9	.010	1.23	1.23	21.2	24.3	.206	.283	8.5	5.9	.0	1.79	1.54	1.24	1.05	D
639	1547	2642.0	.91	275	357	144	12.4	140.7	1.88	1.23	82.04	2639.3	.010	1.23	1.23	21.1	24.2	.206	.290	9.5	6.3	.0	1.84	1.54	1.24	1.05	D
640	1629	2643.0	2.32	365	475	77	14.1	113.8	1.88	1.30	83.47	2640.3	.010	1.23	1.23	21.0	24.9	.206	.316	10.5	6.7	.0	1.53	1.54	1.24	1.05	D
641	1724	2644.0	1.06	255	334	144	15.4	134.4	1.89	1.16	85.38	2641.6	.020	1.23	1.23	21.2	24.1	.207	.355	11.5	7.7	.0	1.92	1.54	1.24	1.05	D
642	1933	2645.2	1.07	236	327	127	15.0	117.9	1.89	1.22	87.13	2643.2	.010	1.23	1.23	20.9	23.5	.206	.477	12.5	8.8	.0	1.87	1.54	1.24	1.05	D
+ POOH with Core#2 at 2644.5m. Cut 13.5m in 8.9 hours.																											
RIH with NB#10 XLG, 12.25". Jets 15:15:15.																											
Date Jan 13 '84																											
645	0445	2646.0	2.78	225	278	92	7.02	203.4	2.42	1.67	74.57	2643.8	.060	1.23	1.23	17.9	24.8	.203	.257	.7	.7	0.0	1.27	1.54	1.24	1.05	D
647	0505	2647.0	3.13	251	318	91	12.9	201.3	2.42	1.77	74.72	2643.8	.030	1.23	1.23	19.6	26.1	.204	.259	1.7	1.0	.2	1.46	1.54	1.24	1.05	D
648	0531	2648.0	7.17	259	327	91	14.6	200.6	2.42	1.62	74.57	2644.5	.010	1.23	1.23	20.7	26.5	.206	.257	2.7	1.2	.4	1.31	1.54	1.24	1.05	D
649	0546	2649.0	3.88	298	430	93	17.2	201.3	2.40	1.45	73.29	2644.6	.020	1.23	1.23	21.3	27.2	.204	.250	3.7	1.5	.6	1.54	1.54	1.24	1.05	D
650	0600	2650.0	4.44	285	404	100	16.6	202.0	2.42	1.52	73.13	2645.1	.010	1.23	1.23	21.6	27.0	.205	.248	4.7	1.7	.8	1.51	1.53	1.24	1.05	D
651	0612	2651.0	4.81	257	336	101	16.5	202.0	2.41	1.52	72.66	2645.5	.010	1.23	1.23	22.2	27.4	.205	.246	5.7	1.9	.9	1.49	1.53	1.24	1.05	D
652	0635	2652.0	2.65	239	348	101	16.8	202.0	2.42	1.61	72.18	2646.4	.020	1.23	1.23	22.7	27.7	.204	.245	6.7	2.3	1.2	1.65	1.54	1.24	1.05	D
653	0650	2653.0	3.89	250	325	101	16.6	202.0	2.42	1.61	71.70	2646.9	.030	1.23	1.23	23.1	28.1	.204	.244	7.7	2.5	1.4	1.54	1.54	1.24	1.05	D
654	0708	2654.0	3.45	245	302	101	16.3	201.3	2.42	1.50	71.54	2647.9	.020	1.23	1.23	23.3	28.3	.205	.242	8.7	2.8	1.6	1.56	1.54	1.24	1.05	D
655	0729	2655.0	2.84	245	304	101	16.4	201.3	2.41	1.72	72.66	2649.5	.020	1.23	1.23	23.6	28.5	.205	.242	9.7	3.2	1.8	1.62	1.54	1.24	1.05	D
656	0750	2656.0	2.92	238	291	102	16.1	200.6	2.41	1.60	72.02	2650.9	.010	1.23	1.23	23.8	28.9	.205	.241	10.7	3.5	2.0	1.61	1.54	1.24	1.05	D
657	0810	2657.0	3.01	228	293	101	15.9	203.4	2.42	1.65	72.18	2651.8	.010	1.23	1.23	24.0	29.3	.204	.239	11.7	3.9	2.2	1.59	1.54	1.24	1.05	D

STATOIL : 15/9-18

Data Printed at time 16:23 Date Feb 24 '84
Data Rec[illegible] at time 03:35 Date Jan 13 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXID	
658	0835	2658.0	5.29	240	309	97	16.7	202.0	2.42	1.68	70.11	2653.1	.010	1.23	1.23	24.1	28.9	.205	.235	12.7	4.1	2.3	1.46	1.54	1.24	1.05	D
659	0900	2659.0	2.45	234	292	97	16.3	198.6	2.41	1.70	70.27	2654.4	.010	1.23	1.23	24.3	29.6	.204	.238	13.7	4.5	2.6	1.64	1.54	1.24	1.05	D
660	0922	2660.0	2.70	238	291	97	16.6	202.0	2.42	1.59	69.95	2655.3	.020	1.23	1.23	24.7	29.7	.204	.238	14.7	4.9	2.7	1.62	1.54	1.24	1.05	D
661	0938	2661.0	3.67	238	297	97	16.7	200.6	2.43	1.65	69.32	2656.1	.010	1.23	1.23	24.8	30.1	.204	.237	15.7	5.2	2.9	1.55	1.54	1.24	1.05	D
662	0955	2662.0	3.50	230	286	97	16.1	200.6	2.42	1.48	68.84	2656.8	.010	1.23	1.23	25.0	30.4	.204	.236	16.7	5.4	3.0	1.54	1.54	1.24	1.05	D
663	1027	2663.0	2.76	233	291	93	15.2	202.0	2.43	1.57	67.41	2658.1	.010	1.23	1.23	25.1	30.0	.204	.233	17.7	5.8	3.2	1.58	1.54	1.24	1.05	D
664	1050	2664.0	2.64	233	233	98	14.6	198.6	2.42	1.59	66.62	2658.9	.020	1.23	1.23	25.0	30.6	.204	.234	18.7	6.2	3.3	1.57	1.54	1.24	1.05	D
665	1116	2665.0	2.29	228	292	98	14.9	198.6	2.41	1.59	65.50	2660.6	.020	1.23	1.23	25.3	30.6	.203	.233	19.7	6.6	3.5	1.62	1.54	1.24	1.05	D
666	1212	2666.0	1.37	219	235	96	14.9	199.9	2.42	1.64	63.75	2662.9	.010	1.23	1.23	25.7	31.5	.204	.232	20.7	7.4	3.8	1.74	1.55	1.24	1.05	D
667	1235	2667.0	2.41	222	286	95	15.2	199.9	2.43	1.76	59.14	2663.9	.020	1.23	1.23	25.8	31.2	.204	.232	21.7	7.8	3.9	1.60	1.55	1.24	1.05	D
+ Pull to shoe, hang off drill string and wait on weather at 2667m.																											
	Date	Jan 13 '83																									
671	0213	2668.0	1.97	237	318	92	14.3	204.1	2.43	1.32	54.85	2664.8	.060	1.21	1.23	18.1	24.8	.204	.253	23.5	8.4	4.1	1.61	1.55	1.25	1.05	D
672	0240	2669.0	2.28	246	349	94	19.3	203.4	2.43	1.63	55.17	2665.5	.010	1.22	1.23	20.5	27.4	.206	.251	24.5	8.8	4.3	1.74	1.55	1.24	1.04	D
673	0306	2670.0	2.32	244	391	94	19.1	203.4	2.42	1.38	55.01	2666.3	.020	1.22	1.23	22.0	27.6	.206	.249	25.5	9.3	4.4	1.74	1.56	1.23	1.04	D
674	0336	2671.0	1.97	234	342	94	17.9	202.0	2.42	1.19	54.37	2667.2	.010	1.22	1.23	22.9	28.6	.205	.241	26.5	9.8	4.6	1.75	1.56	1.23	1.04	D
675	0424	2672.0	1.29	232	399	96	18.9	202.7	2.43	1.49	65.66	2669.0	.020	1.23	1.23	23.5	28.7	.205	.242	27.5	10.6	4.9	1.90	1.56	1.23	1.04	D
	Date	Jan 14 '83																									
676	0500	2673.0	1.68	232	308	98	20.8	202.0	2.43	1.34	68.05	2670.3	.010	1.23	1.23	24.1	29.0	.205	.239	28.5	11.2	5.1	1.90	1.56	1.22	1.04	D
677	0553	2674.0	1.18	228	401	98	20.5	201.3	2.42	1.39	68.21	2671.3	.010	1.23	1.23	24.4	29.9	.205	.237	29.5	12.0	5.5	1.99	1.56	1.23	1.04	D
678	0619	2675.0	2.66	234	324	103	22.2	202.7	2.42	1.42	68.05	2672.1	.010	1.23	1.23	24.7	30.3	.205	.236	30.5	12.4	5.6	1.83	1.57	1.22	1.03	D
679	0637	2676.0	3.34	247	351	103	22.7	201.3	2.42	1.46	68.21	2672.5	.010	1.23	1.23	24.9	30.1	.204	.236	31.5	12.7	5.8	1.78	1.57	1.22	1.03	D
680	0658	2677.0	7.07	248	374	102	24.3	202.7	2.43	1.32	66.46	2672.8	.010	1.23	1.23	24.9	29.3	.205	.228	32.5	12.9	5.8	1.61	1.57	1.22	1.03	D
681	0718	2678.0	2.99	257	358	102	23.4	203.4	2.43	1.52	66.46	2673.1	.010	1.23	1.23	24.9	30.4	.204	.234	33.5	13.2	6.0	1.83	1.58	1.22	1.03	D
682	0731	2679.0	4.35	258	363	102	22.8	204.1	2.43	1.27	66.30	2673.6	.010	1.23	1.23	24.9	29.8	.204	.238	34.5	13.4	6.1	1.71	1.58	1.22	1.03	D
683	0758	2680.0	2.25	237	337	102	23.0	204.1	2.42	1.48	67.09	2674.6	.010	1.23	1.23	25.1	30.1	.204	.236	35.5	13.9	6.3	1.90	1.58	1.22	1.03	D
684	0820	2681.0	2.74	244	373	103	22.8	204.1	2.42	1.35	67.41	2675.7	.020	1.23	1.23	25.2	30.2	.204	.236	36.5	14.3	6.4	1.84	1.59	1.22	1.02	D
685	0843	2682.0	3.09	246	356	102	22.0	204.1	2.44	1.55	67.73	2677.0	.010	1.23	1.23	25.3	30.9	.204	.233	37.5	14.6	6.5	1.79	1.59	1.22	1.02	D
686	0914	2683.0	1.72	230	332	103	23.6	204.1	2.43	1.32	67.73	2678.8	.010	1.23	1.23	25.6	31.4	.203	.230	38.5	15.2	6.8	2.00	1.59	1.22	1.02	D
687	0948	2684.0	1.78	241	330	102	23.4	202.0	2.42	1.40	68.21	2680.3	.010	1.23	1.23	25.7	31.1	.203	.233	39.5	15.7	7.0	1.98	1.59	1.22	1.02	D
+ POOH with NB#10. Bit drilled 39.8m in 16.0 drilling hours.																											
RIH with NB#11 CHRIS R401,12.25". Jets 3X10,3X11 (Stratapax)																											
693	2137	2685.0	1.80	296	421	183	3.59	219.3	2.51	1.41	63.75	2684.3	.080	1.23	1.23	19.8	25.4	.203	.249	.6	.9	.0	1.31	1.59	1.23	1.02	D
694	2204	2686.0	2.17	263	419	173	6.86	217.9	2.51	1.32	65.66	2684.3	.010	1.23	1.23	21.3	26.1	.203	.251	1.7	1.3	.0	1.46	1.59	1.22	1.02	D
696	2301	2687.0	1.50	300	422	155	6.98	216.5	2.50	1.39	66.62	2684.9	.020	1.23	1.23	23.0	28.6	.202	.240	2.6	2.1	.0	1.52	1.58	1.22	1.02	D
697	2347	2688.0	1.38	294	419	201	7.94	218.6	2.51	1.56	68.21	2686.2	.030	1.23	1.23	23.7	28.5	.203	.239	3.7	2.9	.0	1.64	1.58	1.22	1.03	D
	Date	Jan 15 '83																									
698	0023	2689.0	1.64	298	413	200	9.02	217.2	2.50	1.56	70.11	2686.9	.020	1.23	1.23	23.8	28.3	.203	.239	4.7	3.5	.0	1.65	1.58	1.23	1.03	D
699	0124	2690.0	1.06	294	420	200	8.46	217.2	2.51	1.56	72.66	2683.4	.020	1.23	1.23	24.1	29.0	.202	.237	5.6	4.5	.0	1.70	1.58	1.24	1.03	D
700	0143	2691.0	3.14	322	401	201	7.40	217.2	2.51	1.56	73.61	2688.9	.020	1.23	1.23	24.1	29.3	.202	.237	6.7	4.8	.0	1.42	1.59	1.24	1.03	D
701	0234	2692.0	1.52	276	401	204	7.75	215.8	2.49	1.56	76.00	2689.5	.020	1.23	1.23	24.2	29.1	.202	.234	7.6	5.5	.0	1.59	1.58	1.24	1.03	D
702	0256	2693.0	2.67	298	400	203	7.31	215.1	2.49	1.56	76.95	2689.8	.020	1.23	1.23	24.2	29.1	.202	.235	8.7	5.8	.0	1.45	1.58	1.24	1.03	D
703	0321	2694.0	2.47	308	400	203	7.43	215.8	2.49	1.56	78.06	2691.0	.020	1.23	1.23	24.3	28.8	.201	.236	9.7	6.2	.0	1.48	1.57	1.24	1.04	D
704	0416	2695.0	1.10	266	394	204	7.48	215.1	2.50	1.56	80.61	2692.6	.020	1.23	1.23	24.1	28.8	.201	.234	10.6	6.9	.0	1.64	1.57	1.24	1.04	D
705	0509	2696.0	1.12	293	397	203	7.38	212.4	2.50	1.56	82.36	2694.3	.020	1.23	1.23	24.0	28.3	.200	.235	11.7	7.8	.0	1.63	1.57	1.24	1.04	D
706	0546	2697.0	2.39	320	400	194	6.54	215.1	2.51	1.56	83.15	2694.9	.020	1.23	1.23	24.0	28.8	.200	.233	12.6	8.3	.0	1.43	1.56	1.24	1.04	D
707	0603	2698.0	3.77	340	413	196	3.73	219.3	2.51	1.56	83.47	2695.2	.020	1.23	1.23	24.1	28.8	.201	.233	13.7	8.6	.0	1.19	1.56	1.24	1.04	D
708	0606	2699.0	15.9	374	411	186	3.33	217.9	2.51	1.56	83.63	2695.2	.020	1.23	1.23	24.1	29.1	.201	.233	14.6	8.6	.0	.91	1.56	1.24	1.04	D
709	0625	2700.0	11.4	347	415	156	2.60	219.3	2.49	1.56	82.83	2695.4	.020	1.23	1.23	24.0	27.3	.200	.221	15.7	8.7	.0	.89	1.56	1.24	1.04	D
710	0635	2701.0	6.25	354	411	196	3.58	212.4	2.48	1.56	82.51	2695.5	.020	1.23	1.23	24.0	29.0	.201	.229	16.6	8.9	.0	1.09	1.56	1.24	1.04	D

STATOIL : 15/9-18

Data Printed at time 16:29 Date Feb 24 '84
Data Received at time 07:40 Date Jan 15 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NXMD	
711	0740	2702.0	.94	345	416	179	9.27	219.3	2.52	1.56	81.56	2697.9	.020	1.23	1.23	24.4	28.5	.200	.236	17.7	10.0	.0	1.74	1.57	1.24	1.04	D
712	0858	2703.0	.77	334	408	183	9.37	234.4	2.51	1.56	80.61	2701.9	.020	1.23	1.23	24.5	28.3	.200	.234	18.6	11.3	.0	1.79	1.57	1.24	1.04	D
+ POOH at 2703.5 with NB#11. Bit drilled 19.1m in 11.4 drilling hours.																											
RIH with NB#12 SMITH F2, 12.25", jets 15:15:15.																											
718	1717	2704.8	3.17	285	422	73	12.3	203.9	2.44	1.56	86.01	2703.5	.020	1.23	1.23	16.7	27.5	.204	.240	1.3	.6	.1	1.39	1.57	1.24	1.04	D
719	1723	2705.0	2.56	274	378	83	14.4	208.2	2.44	1.56	86.01	2703.5	.020	1.23	1.23	17.3	27.6	.201	.242	1.5	.7	.1	1.54	1.57	1.24	1.04	D
720	1750	2706.0	3.57	255	380	73	14.5	206.2	2.42	1.56	88.08	2703.5	.020	1.23	1.23	20.3	28.5	.199	.237	2.5	1.0	.1	1.43	1.56	1.24	1.04	D
721	1808	2707.0	3.23	276	384	75	16.5	204.8	2.42	1.56	86.97	2703.5	.020	1.23	1.23	21.5	30.2	.199	.230	3.5	1.3	.2	1.51	1.56	1.24	1.05	D
722	1825	2708.0	2.82	298	499	69	18.9	202.7	2.42	1.56	88.08	2704.3	.020	1.23	1.23	25.7	32.1	.198	.228	4.5	2.5	.3	1.59	1.56	1.24	1.05	D
723	1843	2709.0	2.62	311	474	71	19.3	202.7	2.42	1.56	88.08	2704.8	.020	1.23	1.23	26.0	31.6	.199	.230	5.5	2.9	.4	1.63	1.56	1.24	1.04	D
724	2007	2710.0	3.18	286	424	78	16.9	201.3	2.42	1.56	87.76	2705.6	.020	1.23	1.23	26.2	32.8	.199	.225	6.5	3.2	.4	1.54	1.56	1.24	1.05	D
725	2027	2711.0	2.89	301	433	77	18.0	201.3	2.42	1.56	87.60	2706.7	.020	1.23	1.23	26.4	32.7	.199	.226	7.5	3.6	.4	1.59	1.56	1.24	1.05	D
726	2044	2712.0	3.62	292	464	78	18.3	202.7	2.43	1.56	87.28	2707.5	.020	1.23	1.23	26.5	32.2	.200	.228	8.5	3.9	.5	1.54	1.56	1.24	1.05	D
728	2126	2713.0	3.77	286	445	76	18.5	201.3	2.43	1.56	86.97	2708.8	.020	1.23	1.23	26.6	30.0	.200	.235	9.5	4.3	.5	1.53	1.56	1.24	1.05	D
729	2144	2714.0	3.41	305	420	76	19.3	201.3	2.43	1.56	86.97	2709.6	.020	1.23	1.23	26.5	32.3	.200	.227	10.5	4.6	.6	1.58	1.56	1.24	1.05	D
730	2202	2715.0	3.31	290	469	77	19.3	201.3	2.42	1.56	87.44	2710.4	.020	1.23	1.23	26.5	32.9	.199	.226	11.5	4.9	.6	1.59	1.56	1.24	1.05	D
731	2220	2716.0	3.28	309	431	76	20.5	202.0	2.43	1.56	87.76	2711.2	.020	1.23	1.23	26.7	32.8	.199	.227	12.5	5.2	.7	1.62	1.56	1.24	1.05	D
732	2241	2717.0	2.96	306	622	76	19.8	200.6	2.43	1.56	88.24	2712.1	.020	1.23	1.23	26.9	33.1	.199	.226	13.5	5.6	.7	1.63	1.56	1.24	1.04	D
733	2300	2718.0	3.17	313	622	76	19.5	201.3	2.43	1.56	88.40	2712.6	.020	1.23	1.23	27.2	33.4	.199	.226	14.5	5.9	.8	1.60	1.57	1.24	1.04	D
734	2318	2719.0	3.27	307	425	76	20.3	199.9	2.43	1.56	88.87	2713.7	.020	1.23	1.23	27.4	33.4	.199	.226	15.5	6.2	.8	1.62	1.57	1.24	1.04	D
735	2336	2720.0	3.37	306	419	76	19.7	200.6	2.42	1.56	89.19	2714.6	.020	1.23	1.23	27.5	33.5	.199	.225	16.5	6.5	.8	1.59	1.57	1.24	1.04	D
736	2355	2721.0	3.12	316	540	76	20.7	200.6	2.43	1.56	89.67	2715.6	.020	1.23	1.23	27.6	33.5	.199	.225	17.5	6.8	.9	1.64	1.57	1.24	1.04	D
Date Jan 16 '83																											
737	0015	2722.0	3.08	298	414	76	19.7	200.6	2.42	1.56	89.35	2716.6	.020	1.23	1.23	27.6	33.7	.199	.224	18.5	7.1	.9	1.62	1.57	1.24	1.04	D
738	0043	2723.0	4.19	262	416	81	17.7	201.3	2.42	1.56	88.71	2717.9	.020	1.23	1.23	27.7	33.6	.199	.224	19.5	7.4	1.0	1.50	1.57	1.24	1.04	D
739	0106	2724.0	2.69	281	620	81	17.6	202.7	2.43	1.56	88.40	2719.1	.020	1.23	1.23	27.8	34.0	.198	.226	20.5	7.8	1.0	1.61	1.57	1.24	1.04	D
740	0133	2725.0	2.34	271	400	81	17.9	203.4	2.43	1.56	87.76	2720.5	.020	1.23	1.23	27.8	34.0	.199	.251	21.5	8.2	1.1	1.66	1.57	1.24	1.04	D
741	0154	2726.0	2.78	274	390	80	18.6	202.0	2.43	1.56	87.44	2721.6	.020	1.23	1.23	27.8	34.4	.198	.294	22.5	8.6	1.1	1.63	1.57	1.24	1.04	D
742	0217	2727.0	2.56	297	389	77	18.9	203.4	2.42	1.56	87.13	2722.6	.020	1.23	1.23	28.1	34.1	.198	.320	23.5	8.9	1.2	1.65	1.58	1.24	1.04	D
743	0239	2728.0	2.82	282	408	76	18.1	203.4	2.43	1.56	86.49	2723.5	.020	1.23	1.23	28.2	34.5	.198	.323	24.5	9.3	1.2	1.60	1.58	1.24	1.04	D
744	0303	2729.0	2.85	297	404	76	17.7	203.4	2.43	1.56	86.17	2724.4	.020	1.23	1.23	28.2	33.9	.198	.349	25.5	9.7	1.3	1.58	1.58	1.24	1.04	D
745	0320	2730.0	2.90	281	384	76	16.8	204.8	2.44	1.56	86.01	2725.3	.020	1.23	1.23	28.3	33.2	.198	.388	26.5	10.0	1.3	1.55	1.57	1.24	1.04	D
746	0337	2731.0	3.48	289	384	76	16.6	204.1	2.43	1.56	85.69	2726.1	.020	1.23	1.23	28.3	33.1	.198	.409	27.5	10.3	1.3	1.50	1.57	1.24	1.04	D
747	0402	2732.0	5.23	265	355	78	16.3	204.1	2.44	1.56	83.95	2726.9	.020	1.23	1.23	28.4	29.2	.198	.312	28.5	10.5	1.4	1.40	1.57	1.24	1.05	D
748	0402	2733.0	7.86	283	321	81	19.3	204.1	2.43	1.56	83.95	2726.9	.020	1.23	1.23	28.3	33.7	.198	.212	29.5	10.5	1.4	1.38	1.56	1.24	1.05	D
749	0403	2734.0	2.15	262	299	83	18.2	204.1	2.43	1.56	83.95	2726.9	.020	1.23	1.23	28.3	33.7	.198	.212	30.5	10.6	1.4	1.60	1.56	1.24	1.05	D
750	0425	2735.0	2.67	281	371	78	17.5	206.2	2.44	1.56	82.20	2728.6	.020	1.23	1.23	28.3	34.5	.197	.223	31.5	10.9	1.4	1.60	1.56	1.24	1.05	D
751	0452	2736.0	3.75	280	379	78	17.1	202.7	2.42	1.56	80.45	2729.9	.020	1.23	1.23	28.1	34.6	.197	.221	32.5	11.2	1.4	1.50	1.56	1.25	1.05	D
752	0513	2737.0	3.41	290	389	78	17.7	204.1	2.42	1.56	79.02	2731.0	.020	1.23	1.23	28.1	35.2	.196	.222	33.5	11.5	1.5	1.54	1.56	1.25	1.05	D
753	0547	2738.0	2.49	294	401	77	17.0	205.5	2.42	1.56	75.84	2733.2	.020	1.23	1.23	28.5	35.7	.197	.220	34.5	12.0	1.5	1.60	1.56	1.25	1.05	D
754	0602	2739.0	4.02	292	375	74	16.6	204.1	2.43	1.56	74.25	2733.8	.020	1.23	1.23	28.6	35.3	.197	.222	35.5	12.2	1.6	1.46	1.56	1.25	1.05	D
755	0619	2740.0	3.44	296	384	77	16.6	206.2	2.44	1.56	72.93	2734.6	.020	1.23	1.23	28.7	34.8	.196	.223	36.5	12.5	1.6	1.50	1.56	1.25	1.06	D
756	0640	2741.0	2.86	265	367	78	16.3	206.2	2.43	1.56	71.54	2735.8	.020	1.23	1.23	28.7	35.5	.197	.221	37.5	12.9	1.6	1.54	1.55	1.25	1.06	D
757	0659	2742.0	3.26	286	392	77	16.4	207.5	2.44	1.56	69.95	2736.7	.020	1.23	1.23	28.7	35.6	.197	.221	38.5	13.2	1.7	1.51	1.55	1.25	1.06	D
758	0731	2743.0	2.87	274	398	76	15.9	202.7	2.41	1.56	71.07	2737.6	.020	1.23	1.23	28.9	35.6	.196	.222	39.5	13.6	1.7	1.52	1.55	1.25	1.06	D
759	0743	2744.0	6.35	273	399	62	19.0	202.0	2.41	1.56	69.16	2738.2	.020	1.23	1.23	28.9	35.3	.196	.221	40.5	13.7	1.7	1.35	1.54	1.25	1.06	D
760	0809	2745.0	3.07	337	411	63	22.5	203.4	2.41	1.56	68.84	2739.3	.020	1.23	1.23	28.9	36.6	.196	.219	41.5	14.1	1.8	1.63	1.55	1.25	1.06	D
761	0819	2746.0	3.08	287	394	79	20.2	200.6	2.41	1.56	68.84	2740.2	.020	1.23	1.23	29.4	35.8	.195	.223	42.5	14.4	1.8	1.63	1.55	1.25	1.06	D
762	0842	2747.0	2.64	293	385	78	18.9	203.4	2.41	1.56	70.43	2741.4	.020	1.23	1.23	29.2	35.7	.196	.224	43.5	14.8	1.9	1.64	1.55	1.25	1.06	D
763	0904	2748.0	2.69	277	381	76	18.4	203.4	2.42	1.56	71.23	2742.6	.020	1.23	1.23	29.0	35.8	.195	.232	44.5	15.1	1.9	1.61	1.55	1.25	1.06	D

STATOIL : 15/9-18

Data Printed at time 16:35 Date Feb 24 '84
Data Rec at time 09:27 Date Jan 16 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	ESD TW	DXC	BXB	ECD	BXSD	
764	0927	2749.0	2.62	274	380	76	18.5	204.1	2.41	1.56	71.70	2743.8	.020	1.23	1.23	29.1	35.7	.194	.241	45.5	15.5	1.9	1.62	1.55	1.25	1.06	D
765	0950	2750.0	2.62	285	403	76	18.9	202.0	2.41	1.56	71.70	2745.0	.020	1.23	1.23	29.1	36.4	.195	.285	46.5	15.9	2.0	1.63	1.56	1.25	1.06	D
766	1011	2751.0	2.80	294	392	76	18.7	203.4	2.41	1.56	72.34	2745.9	.020	1.23	1.23	29.3	36.1	.195	.352	47.5	16.3	2.0	1.61	1.56	1.25	1.06	D
767	1029	2752.0	3.43	285	400	76	18.7	203.4	2.42	1.56	73.29	2746.7	.020	1.23	1.23	29.3	35.6	.195	.424	48.5	16.6	2.1	1.56	1.56	1.25	1.06	D
768	1056	2753.0	4.33	269	383	77	18.4	202.0	2.41	1.56	74.25	2747.7	.020	1.23	1.23	28.9	34.7	.194	.303	49.5	16.9	2.1	1.49	1.55	1.25	1.06	D
769	1115	2754.0	3.27	300	392	76	19.3	203.4	2.41	1.56	75.20	2748.4	.020	1.23	1.23	28.7	35.9	.194	.333	50.5	17.2	2.1	1.58	1.55	1.25	1.06	D
770	1137	2755.0	2.73	282	378	76	19.5	201.3	2.41	1.56	76.79	2749.4	.020	1.23	1.23	28.7	36.2	.194	.371	51.5	17.5	2.2	1.64	1.56	1.25	1.06	D
771	1200	2756.0	2.56	281	394	76	20.3	201.3	2.42	1.56	77.11	2750.6	.020	1.23	1.23	29.0	36.3	.193	.500	52.5	17.9	2.2	1.67	1.56	1.25	1.06	D
772	1223	2757.0	2.61	292	400	76	20.4	199.9	2.41	1.56	77.59	2751.6	.020	1.23	1.23	29.3	35.6	.194	.559	53.5	18.3	2.3	1.67	1.56	1.25	1.06	D
773	1244	2758.0	2.82	316	404	75	20.2	199.9	2.41	1.56	77.90	2752.9	.020	1.23	1.23	29.3	35.1	.194	.569	54.5	18.7	2.3	1.65	1.56	1.25	1.05	D
774	1304	2759.0	3.02	290	400	76	20.4	200.6	2.40	1.56	78.22	2753.8	.020	1.23	1.23	29.3	34.8	.193	.558	55.5	19.0	2.3	1.63	1.57	1.25	1.05	D
775	1324	2760.0	2.99	305	405	75	20.6	202.0	2.41	1.56	78.38	2754.7	.020	1.23	1.23	29.3	34.9	.193	.543	56.5	19.3	2.4	1.64	1.57	1.25	1.05	D
776	1343	2761.0	3.24	293	402	76	20.4	199.9	2.40	1.56	78.70	2755.4	.020	1.23	1.23	29.2	35.2	.193	.538	57.5	19.6	2.4	1.61	1.57	1.25	1.05	D
	Date Jan 20 '83																										
777	0839	2763.1	2.97	118	260	87	7.61	202.7	1.70	1.79	76.79	2737.9	.010	1.25	1.24	20.9	27.6	.196	.207	1.0	2.2	.6	1.33	1.57	1.31	1.05	D
778	0849	2764.0	5.52	138	174	114	10.6	197.2	1.71	1.55	75.84	2741.4	.010	1.25	1.24	21.1	28.3	.196	.207	1.9	2.3	.7	1.38	1.57	1.31	1.05	D
779	0907	2765.0	4.15	136	189	114	10.2	202.7	1.71	1.88	75.36	2759.5	.010	1.25	1.24	21.7	25.4	.195	.214	2.9	2.6	.8	1.44	1.57	1.30	1.05	D
+ Leak off test at 2765m. Leak off at 136 bars imposed pressure with 1.24 g/cc mudweight : Eq M Wt 1.74 g/cc.																											
NB#14 D.Boart LX30 w/ Neyrfor T3AI turbine. TFA 4.839 cm2.																											
783	2152	2767.0	2.45	122	208	804	5.11	271.7	1.76	2.01	75.52	2765.5	0.00	1.25	1.23	16.7	25.6	.195	.245	1.5	.8	.0	1.67	1.70	1.30	1.05	D
784	2201	2768.0	6.35	131	169	816	12.0	280.6	1.79	2.04	75.20	2765.5	0.00	1.26	1.24	17.4	25.6	.194	.245	2.5	.9	.0	1.88	1.70	1.30	1.05	D
785	2211	2769.0	6.32	127	138	809	15.8	282.7	1.77	2.08	74.88	2765.6	0.00	1.24	1.24	18.5	25.6	.194	.245	3.5	1.1	.0	2.05	1.70	1.30	1.05	D
786	2218	2770.0	7.83	123	139	798	17.6	282.7	1.75	1.97	74.72	2765.7	0.00	1.26	1.24	19.2	25.9	.194	.246	4.5	1.2	.0	2.06	1.70	1.30	1.05	D
787	2226	2771.0	7.56	125	137	816	17.2	284.8	1.79	2.02	74.57	2766.0	0.00	1.24	1.24	19.9	26.6	.194	.246	5.5	1.3	.0	2.06	1.71	1.31	1.05	D
789	2328	2773.0	4.44	125	161	819	18.0	280.6	1.79	2.07	73.13	2770.4	.010	1.24	1.24	21.6	27.7	.195	.205	7.5	2.2	.0	2.24	1.71	1.30	1.04	D
790	2336	2774.0	7.06	121	130	821	16.5	287.5	1.80	2.00	72.82	2771.2	0.00	1.24	1.25	21.8	28.2	.195	.205	8.5	2.4	.0	2.05	1.72	1.30	1.04	D
791	2346	2775.0	6.02	118	130	816	16.5	286.8	1.79	2.01	72.50	2771.2	0.00	1.24	1.25	22.1	28.2	.195	.205	9.5	2.5	.0	2.10	1.72	1.30	1.04	D
792	2353	2776.0	8.19	122	133	819	16.2	282.0	1.79	2.03	72.50	2771.4	.010	1.24	1.24	22.3	28.2	.195	.206	10.5	2.7	.0	2.00	1.72	1.30	1.04	D
	Date Jan 21 '83																										
793	0004	2777.0	5.86	119	130	812	16.6	287.5	1.78	2.02	72.18	2772.3	.010	1.24	1.25	22.6	28.9	.195	.204	11.5	2.8	.0	2.11	1.72	1.30	1.04	D
794	0012	2778.0	7.01	119	139	817	16.8	287.5	1.79	2.01	72.02	2772.7	0.00	1.25	1.25	22.9	28.8	.195	.205	12.5	3.0	.0	2.06	1.72	1.30	1.04	D
795	0021	2779.0	6.86	120	130	816	17.0	284.8	1.79	2.04	71.86	2773.5	.010	1.24	1.25	23.1	30.1	.195	.201	13.5	3.1	.0	2.08	1.73	1.30	1.04	D
796	0031	2780.0	6.25	120	131	816	17.1	283.6	1.79	2.01	71.70	2774.5	.010	1.24	1.24	23.4	30.4	.196	.204	14.5	3.3	.0	2.11	1.73	1.30	1.04	D
797	0056	2781.0	6.24	118	139	817	16.9	282.0	1.79	2.02	70.91	2776.6	.010	1.24	1.25	23.9	29.6	.195	.207	15.5	3.6	.0	2.11	1.73	1.30	1.03	D
798	0105	2782.0	7.36	123	133	814	16.9	292.3	1.79	2.00	70.43	2777.5	.010	1.23	1.25	24.1	30.6	.195	.202	16.5	3.8	.0	2.08	1.74	1.29	1.03	D
799	0113	2783.0	7.56	126	139	817	17.1	286.8	1.79	2.03	70.27	2778.5	.010	1.24	1.25	24.3	31.0	.197	.204	17.5	3.9	.0	2.08	1.74	1.29	1.03	D
800	0121	2784.0	7.03	122	138	820	17.5	284.1	1.80	2.03	70.11	2779.4	0.00	1.24	1.25	24.5	30.8	.197	.203	18.5	4.0	.0	2.13	1.74	1.28	1.03	D
801	0129	2785.0	7.43	124	139	822	18.3	285.4	1.81	2.00	70.59	2780.3	0.00	1.24	1.25	24.7	31.3	.197	.204	19.5	4.2	.1	2.16	1.75	1.28	1.03	D
802	0137	2786.0	8.16	126	145	807	18.7	287.5	1.77	1.96	70.27	2780.9	0.00	1.24	1.24	24.8	31.7	.197	.203	20.5	4.3	.1	2.15	1.75	1.28	1.03	D
803	0146	2787.0	6.78	123	194	812	18.4	286.8	1.78	1.98	69.95	2781.0	0.00	1.24	1.25	25.0	31.9	.195	.203	21.5	4.4	.1	2.19	1.75	1.28	1.02	D
804	0154	2788.0	7.38	121	138	814	19.0	287.5	1.79	2.00	69.64	2782.0	.010	1.24	1.24	25.2	31.1	.195	.209	22.5	4.5	.1	2.19	1.76	1.28	1.02	D
805	0202	2789.0	7.09	119	135	822	18.7	283.2	1.81	2.02	69.48	2783.0	.010	1.24	1.25	25.4	31.3	.195	.204	23.5	4.7	.1	2.19	1.77	1.28	1.02	D
806	0211	2790.0	6.82	118	131	812	18.8	287.5	1.78	1.98	69.32	2784.0	.010	1.24	1.25	25.5	31.6	.195	.203	24.5	4.7	.1	2.20	1.77	1.28	1.01	D
807	0232	2791.0	7.52	113	128	820	18.3	285.4	1.77	1.96	68.68	2786.1	.010	1.24	1.25	25.7	31.8	.195	.204	25.5	4.9	.1	2.15	1.77	1.28	1.01	D
808	0240	2792.0	6.99	117	133	819	17.9	286.8	1.77	1.98	68.52	2787.1	.010	1.24	1.25	25.8	31.9	.195	.205	26.5	5.1	.1	2.15	1.78	1.28	1.01	D
809	0249	2793.0	6.79	115	131	818	18.1	287.5	1.77	2.07	68.36	2788.1	.010	1.24	1.25	25.9	32.6	.195	.203	27.5	5.2	.1	2.17	1.78	1.28	1.01	D
810	0257	2794.0	7.32	124	139	820	17.1	286.1	1.76	1.99	68.05	2789.1	.010	1.24	1.25	26.1	33.0	.195	.203	28.5	5.4	.1	2.19	1.78	1.28	1.01	D
811	0304	2795.0	8.31	129	141	819	16.4	287.5	1.78	2.00	67.73	2790.0	.010	1.23	1.25	26.2	34.1	.195	.202	29.5	5.5	.1	2.04	1.78	1.28	1.01	D
812	0312	2796.0	7.84	130	142	819	15.6	291.0	1.78	2.01	67.57	2790.4	0.00	1.23	1.25	26.3	33.6	.195	.205	30.5	5.6	.1	2.02	1.78	1.28	1.01	D
813	0320	2797.0	8.05	127	137	818	15.7	283.4	1.78	1.98	67.41	2790.7	.010	1.23	1.25	26.5	34.0	.194	.202	31.5	5.7	.1	2.02	1.78	1.28	1.01	D

STATOIL : 15/9-18

Data Printed at time 16:41 Date Feb 24 '84
Data Recorded at time 03:29 Date Jan 21 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NAMD	
814	0329	2793.0	6.59	123	135	818	16.0	288.9	1.76	2.02	67.25	2791.8	.010	1.24	1.25	26.7	34.3	.194	.204	32.5	5.9	.1	2.09	1.78	1.28	1.01	D
815	0337	2799.0	6.86	116	131	819	15.9	289.6	1.77	1.77	67.09	2792.9	.010	1.24	1.25	26.9	33.9	.194	.204	33.5	6.0	.1	2.08	1.78	1.28	1.01	D
816	0345	2800.0	7.24	119	130	817	16.4	286.8	1.78	1.81	66.93	2793.8	.010	1.24	1.25	27.1	34.1	.194	.204	34.5	6.2	.1	2.08	1.78	1.28	1.01	D
817	0437	2801.0	7.44	115	131	813	16.8	283.4	1.76	1.85	66.62	2796.0	.010	1.25	1.25	27.3	34.1	.194	.204	35.5	6.5	.1	2.09	1.78	1.28	1.01	D
818	0415	2802.0	7.63	117	131	817	17.1	289.6	1.76	1.87	66.46	2797.0	.010	1.24	1.25	27.4	33.9	.194	.205	36.5	6.6	.2	2.10	1.78	1.28	1.01	D
819	0423	2803.0	7.70	121	134	816	17.2	291.0	1.77	1.82	66.30	2797.9	.010	1.24	1.25	27.5	34.7	.195	.202	37.5	6.7	.2	2.10	1.78	1.28	1.01	D
820	0430	2804.0	8.47	120	129	817	17.0	291.6	1.77	1.83	66.14	2798.7	.010	1.24	1.25	27.6	34.8	.194	.203	38.5	6.8	.2	2.06	1.78	1.28	1.01	D
821	0437	2805.0	8.18	123	131	816	16.9	289.6	1.76	1.83	65.98	2799.5	.010	1.24	1.25	27.7	35.1	.194	.203	39.5	7.0	.2	2.06	1.78	1.28	1.01	D
822	0445	2806.0	7.42	118	133	817	17.1	291.6	1.76	1.82	65.82	2800.2	.010	1.24	1.25	27.7	34.7	.194	.205	40.5	7.1	.2	2.10	1.78	1.28	1.01	D
823	0453	2807.0	7.63	121	131	818	16.7	288.9	1.77	1.85	65.66	2800.5	.010	1.25	1.25	27.9	35.4	.194	.204	41.5	7.2	.2	2.07	1.78	1.28	1.01	D
824	0501	2808.0	7.77	121	135	816	16.6	286.1	1.77	1.84	65.50	2801.4	.010	1.25	1.25	28.0	35.1	.194	.206	42.5	7.4	.2	2.06	1.78	1.28	1.01	D
825	0509	2809.0	7.48	119	141	816	17.0	293.0	1.75	1.83	65.34	2802.5	.010	1.24	1.26	28.1	35.5	.193	.204	43.5	7.5	.2	2.09	1.78	1.28	1.01	D
826	0535	2810.0	6.89	106	128	807	16.6	290.3	1.76	1.84	65.03	2805.0	.010	1.24	1.26	28.4	34.9	.192	.207	44.5	7.8	.2	2.09	1.78	1.28	1.01	D
827	0541	2811.0	8.79	122	138	813	17.5	289.6	1.77	1.83	64.87	2805.9	.010	1.24	1.26	28.4	34.9	.193	.205	45.5	7.9	.2	2.07	1.78	1.28	1.01	D
828	0548	2812.0	8.57	123	138	812	17.3	291.0	1.76	1.82	64.71	2806.8	.010	1.24	1.25	28.4	36.1	.194	.201	46.5	8.1	.2	2.06	1.78	1.28	1.01	D
829	0556	2813.0	8.10	123	133	810	17.2	285.4	1.75	1.84	64.55	2807.7	.010	1.24	1.25	28.5	36.0	.194	.203	47.5	8.2	.2	2.07	1.78	1.28	1.01	D
830	0604	2814.0	7.08	123	133	810	17.1	287.5	1.75	1.87	64.55	2808.8	.010	1.25	1.25	28.5	36.3	.194	.202	48.5	8.3	.2	2.10	1.78	1.28	1.01	D
831	0612	2815.0	7.78	122	136	809	16.9	284.1	1.75	1.88	64.39	2809.7	.010	1.25	1.25	28.6	36.6	.194	.202	49.5	8.4	.2	2.07	1.78	1.28	1.01	D
832	0620	2816.0	7.93	121	133	809	16.7	284.8	1.75	1.89	64.39	2810.0	.010	1.25	1.25	28.7	36.8	.194	.202	50.5	8.6	.2	2.06	1.78	1.28	1.01	D
833	0627	2817.0	7.98	120	133	810	16.8	284.1	1.76	1.84	64.23	2810.3	.010	1.24	1.25	28.8	36.9	.194	.201	51.5	8.7	.2	2.06	1.78	1.28	1.01	D
834	0635	2818.0	8.01	126	142	809	16.7	284.8	1.75	1.87	64.23	2811.4	.010	1.25	1.25	28.9	36.7	.194	.204	52.5	8.8	.3	2.05	1.78	1.28	1.01	D
835	0642	2819.0	7.93	132	145	810	16.8	284.1	1.75	1.87	63.91	2812.4	.010	1.25	1.25	29.0	36.9	.193	.202	53.5	9.0	.3	2.06	1.78	1.28	1.02	D
836	0702	2820.0	8.07	121	142	810	17.2	284.1	1.76	1.85	62.01	2814.4	.010	1.24	1.25	29.2	36.4	.193	.204	54.5	9.2	.3	2.07	1.78	1.29	1.02	D
837	0710	2821.0	7.92	120	137	810	16.4	287.5	1.76	1.86	62.16	2815.3	.010	1.24	1.25	29.2	36.5	.193	.203	55.5	9.3	.3	2.04	1.78	1.29	1.02	D
838	0718	2822.0	7.32	118	131	810	16.7	284.8	1.76	1.82	62.32	2816.4	.010	1.24	1.25	29.2	36.6	.193	.203	56.5	9.5	.3	2.07	1.78	1.29	1.02	D
839	0725	2823.0	8.33	119	138	811	16.6	289.6	1.75	1.94	62.64	2817.4	.010	1.25	1.25	29.3	36.8	.193	.201	57.5	9.6	.3	2.03	1.78	1.29	1.02	D
840	0732	2824.0	8.72	121	144	810	17.6	285.4	1.75	1.91	62.64	2818.3	.010	1.25	1.26	29.3	37.1	.192	.202	58.5	9.7	.3	2.06	1.78	1.29	1.02	D
841	0739	2825.0	8.39	119	144	809	17.3	287.5	1.74	1.92	62.48	2819.2	.010	1.25	1.26	29.3	37.3	.192	.203	59.5	9.8	.3	2.06	1.78	1.29	1.02	D
842	0746	2826.0	8.14	118	141	803	17.3	291.6	1.73	1.93	62.48	2819.4	.010	1.25	1.25	29.3	37.0	.192	.202	60.5	10.0	.3	2.07	1.78	1.29	1.02	D
843	0754	2827.0	7.94	120	141	801	17.1	288.9	1.73	1.95	62.64	2820.0	.010	1.25	1.26	29.4	37.2	.193	.203	61.5	10.1	.3	2.07	1.78	1.29	1.02	D
844	0800	2828.0	9.18	119	137	802	16.9	290.3	1.73	1.91	62.48	2821.0	.010	1.25	1.25	29.4	37.6	.193	.202	62.5	10.2	.3	2.02	1.78	1.29	1.02	D
845	0807	2829.0	8.80	121	140	805	17.2	291.0	1.73	1.89	62.64	2821.8	.010	1.26	1.26	29.4	37.5	.194	.202	63.5	10.3	.3	2.04	1.77	1.29	1.02	D
846	0832	2830.0	8.31	119	143	794	17.7	283.4	1.71	1.81	62.16	2824.1	.010	1.24	1.25	29.4	36.1	.193	.204	64.5	10.6	.3	2.07	1.77	1.29	1.02	D
847	0837	2831.0	10.2	123	139	799	18.0	288.9	1.74	1.93	62.48	2824.9	.010	1.25	1.25	29.4	36.6	.193	.200	65.5	10.7	.3	2.03	1.77	1.29	1.02	D
848	0844	2832.0	9.28	124	150	804	17.8	288.2	1.75	1.96	62.48	2825.8	.010	1.24	1.25	29.3	36.4	.193	.201	66.5	10.8	.3	2.05	1.77	1.29	1.02	D
849	0851	2833.0	8.25	122	157	804	17.9	291.0	1.75	1.97	62.64	2826.8	.010	1.24	1.25	29.2	35.8	.193	.203	67.5	10.9	.3	2.08	1.77	1.29	1.02	D
850	0859	2834.0	7.93	120	155	807	17.7	279.9	1.73	1.93	62.96	2827.9	.010	1.24	1.26	29.1	36.4	.193	.202	68.5	11.0	.4	2.09	1.77	1.29	1.02	D
851	0906	2835.0	8.43	119	131	820	18.2	285.4	1.75	1.91	63.12	2829.0	.010	1.24	1.26	29.0	36.8	.193	.200	69.5	11.2	.4	2.10	1.77	1.29	1.02	D
852	0912	2836.0	9.49	115	136	822	18.4	282.0	1.75	1.93	63.28	2829.1	.010	1.24	1.25	29.0	35.5	.193	.205	70.5	11.3	.4	2.07	1.77	1.29	1.02	D
853	0919	2837.0	8.75	116	134	822	18.2	286.1	1.75	1.91	63.28	2829.4	.010	1.24	1.26	28.9	36.2	.192	.201	71.5	11.4	.4	2.09	1.77	1.29	1.02	D
854	0927	2838.0	7.77	125	139	822	18.4	283.4	1.73	1.93	63.44	2830.6	.010	1.24	1.25	28.9	36.0	.193	.206	72.5	11.5	.4	2.13	1.78	1.29	1.02	D
855	0950	2839.0	6.55	126	141	821	18.5	284.1	1.76	1.94	62.80	2833.3	.010	1.24	1.25	28.7	35.6	.193	.202	73.5	11.8	.4	2.19	1.78	1.28	1.02	D
856	0959	2840.0	6.14	132	142	825	17.9	283.4	1.76	1.92	62.96	2834.6	.010	1.24	1.25	28.7	36.0	.193	.199	74.5	12.0	.4	2.19	1.78	1.28	1.02	D
857	1010	2841.0	5.54	134	143	825	17.8	284.8	1.77	1.99	62.96	2836.2	.020	1.24	1.25	28.6	35.7	.193	.203	75.5	12.2	.4	2.21	1.79	1.28	1.02	D
858	1021	2842.0	5.74	133	143	825	17.5	285.1	1.76	1.94	62.96	2837.7	.010	1.24	1.25	28.6	35.8	.193	.200	76.5	12.3	.4	2.19	1.79	1.28	1.02	D
859	1032	2843.0	5.16	142	153	834	17.3	285.4	1.76	1.97	62.96	2838.7	.010	1.24	1.25	28.6	35.9	.193	.201	77.5	12.5	.4	2.22	1.79	1.28	1.01	D
860	1042	2844.0	5.87	146	156	841	17.9	283.4	1.76	1.97	62.80	2839.2	.010	1.24	1.26	28.6	35.8	.192	.201	78.5	12.7	.4	2.21	1.80	1.28	1.01	D
861	1056	2845.0	4.23	143	151	841	17.6	285.4	1.75	1.90	62.64	2840.5	.010	1.24	1.25	28.6	34.9	.192	.203	79.5	12.9	.4	2.23	1.80	1.28	1.01	D
862	1106	2846.0	6.14	143	152	842	17.6	284.8	1.76	1.92	62.48	2841.5	.010	1.24	1.25	28.5	35.8	.192	.200	80.5	13.1	.5	2.18	1.81	1.28	1.01	D
863	1116	2847.0	6.32	142	152	846	17.5	284.1	1.78	1.91	62.16	2842.3	.010	1.24	1.26	28.5	34.7	.193	.201	81.5	13.3	.5	2.17	1.81	1.28	1.01	D

Data Printed at time 16:47 Date Feb 24 '84
Data Recorded at time 11:43 Date Jan 21 '83

#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NMD	
864	1143	2843.0	6.70	130	150	848	17.2	279.2	1.76	1.94	61.85	2844.1	.010	1.24	1.25	28.1	34.0	.192	.204	82.5	13.6	.5	2.14	1.81	1.28	1.01	D
865	1151	2849.0	7.13	116	151	841	16.2	284.8	1.75	1.98	61.85	2844.8	.010	1.23	1.25	28.1	34.1	.193	.201	83.5	13.8	.5	2.03	1.81	1.28	1.01	D
866	1200	2850.0	6.71	120	134	840	16.4	286.1	1.75	1.93	61.53	2845.6	.010	1.24	1.25	28.1	34.2	.193	.201	84.5	13.9	.5	2.10	1.81	1.28	1.01	D
867	1208	2851.0	7.47	122	134	840	16.1	284.1	1.76	1.89	61.37	2846.3	.010	1.24	1.25	28.0	34.5	.193	.200	85.5	14.1	.5	2.06	1.81	1.23	1.01	D
868	1214	2852.0	9.28	124	135	839	15.8	284.8	1.76	1.97	61.21	2846.9	.010	1.24	1.25	27.9	34.6	.193	.200	86.5	14.2	.5	2.00	1.80	1.23	1.01	D
869	1223	2853.0	7.35	120	152	840	16.0	281.3	1.76	1.93	61.05	2847.5	.010	1.24	1.25	27.8	34.6	.193	.201	87.5	14.3	.5	2.07	1.80	1.23	1.01	D
870	1231	2854.0	7.23	115	132	841	16.1	282.0	1.76	1.95	60.57	2847.7	.010	1.24	1.25	27.8	34.5	.193	.199	88.5	14.4	.5	2.08	1.80	1.23	1.01	D
872	1239	2855.0	7.38	116	133	841	15.8	282.7	1.77	1.91	60.10	2848.7	.010	1.23	1.24	27.8	34.7	.193	.202	89.5	14.6	.5	2.06	1.80	1.23	1.01	D
873	1247	2856.0	7.55	115	136	841	16.4	275.8	1.76	1.92	59.94	2849.5	.010	1.25	1.25	27.8	34.5	.192	.201	90.5	14.7	.5	2.03	1.80	1.23	1.01	D
874	1313	2857.0	7.09	107	137	840	16.3	284.8	1.79	1.95	59.30	2852.2	.020	1.24	1.25	27.6	32.4	.192	.206	91.5	15.0	.5	2.09	1.80	1.28	1.01	D
875	1322	2858.0	6.94	113	131	851	15.3	289.6	1.78	1.87	58.93	2853.2	.010	1.24	1.24	27.6	33.5	.192	.199	92.5	15.2	.5	2.05	1.80	1.23	1.01	D
876	1330	2859.0	7.08	127	152	851	14.6	289.2	1.76	1.87	58.98	2854.2	.010	1.24	1.24	27.5	33.2	.193	.201	93.5	15.3	.6	1.99	1.80	1.23	1.02	D
877	1336	2860.0	10.0	146	160	850	15.0	287.5	1.77	1.92	58.98	2854.9	.020	1.24	1.24	27.4	33.6	.193	.203	94.5	15.4	.6	1.94	1.79	1.23	1.02	D
878	1343	2861.0	8.45	143	153	848	14.9	287.5	1.77	1.87	58.51	2855.8	.010	1.24	1.24	27.3	33.7	.193	.200	95.5	15.5	.6	1.98	1.79	1.28	1.02	D
879	1350	2862.0	8.40	146	158	849	15.4	286.8	1.77	1.82	58.19	2856.7	.010	1.24	1.24	27.3	33.8	.194	.201	96.5	15.6	.6	2.01	1.78	1.23	1.02	D
880	1358	2863.0	7.32	146	159	850	14.7	285.4	1.75	1.80	57.87	2857.0	.010	1.24	1.24	27.2	33.7	.193	.200	97.5	15.8	.6	2.01	1.78	1.23	1.03	D
881	1405	2864.0	8.36	153	178	847	14.6	282.7	1.79	1.91	57.71	2857.2	.010	1.24	1.24	27.2	33.4	.192	.201	98.5	15.9	.6	1.97	1.78	1.28	1.03	D
882	1413	2865.0	7.69	166	181	848	15.2	278.5	1.77	1.83	56.92	2858.0	.010	1.24	1.24	27.2	33.4	.192	.201	99.5	16.0	.6	2.02	1.78	1.28	1.03	D
883	1421	2866.0	7.19	165	177	849	15.3	279.9	1.78	1.85	56.60	2859.2	.020	1.24	1.25	27.2	33.5	.192	.201	100	16.2	.6	2.04	1.77	1.28	1.03	D
884	1443	2867.0	8.17	145	177	847	16.0	289.6	1.79	1.91	55.80	2861.6	.010	1.24	1.25	27.0	32.0	.193	.206	101	16.4	.6	2.04	1.77	1.28	1.03	D
885	1450	2868.0	8.23	120	134	852	17.4	293.7	1.79	1.81	55.33	2862.5	.010	1.24	1.25	27.0	32.5	.194	.201	102	16.5	.6	2.09	1.77	1.28	1.03	D
886	1459	2869.0	6.53	117	134	851	18.1	292.3	1.78	1.84	55.01	2863.7	.010	1.24	1.25	26.9	33.2	.193	.200	103	16.7	.6	2.18	1.78	1.28	1.03	D
887	1505	2870.0	9.75	120	140	852	17.4	287.5	1.78	1.83	54.85	2864.5	.020	1.24	1.25	26.9	33.1	.192	.200	104	16.8	.6	2.05	1.77	1.28	1.03	D
888	1513	2871.0	7.44	114	137	851	17.7	291.6	1.78	1.82	54.53	2865.6	.010	1.24	1.25	26.8	33.1	.192	.200	105	16.9	.6	2.13	1.78	1.28	1.03	D
889	1523	2872.0	6.26	116	166	850	17.7	289.6	1.78	1.86	54.06	2866.6	.010	1.24	1.25	26.8	33.5	.193	.199	106	17.1	.6	2.18	1.78	1.28	1.03	D
890	1529	2873.0	9.96	121	141	850	18.3	288.9	1.78	1.86	53.74	2866.7	.010	1.24	1.25	26.8	33.3	.193	.200	107	17.2	.6	2.07	1.78	1.28	1.03	D
891	1536	2874.0	8.31	122	152	849	18.9	297.9	1.78	1.85	53.42	2867.3	.010	1.25	1.25	26.8	32.7	.193	.202	108	17.3	.6	2.15	1.78	1.28	1.03	D
892	1544	2875.0	7.57	122	172	850	18.8	290.3	1.75	2.02	52.78	2868.5	.010	1.24	1.24	26.8	32.4	.193	.204	109	17.4	.6	2.17	1.78	1.28	1.03	D
893	1553	2876.0	6.73	113	143	844	18.1	283.4	1.78	2.00	52.62	2869.5	.010	1.24	1.25	26.8	32.8	.193	.203	110	17.6	.7	2.18	1.79	1.28	1.03	D
894	1613	2877.0	5.41	99.3	123	846	18.5	286.8	1.77	2.01	58.19	2871.4	.010	1.24	1.24	25.5	30.0	.194	.207	111	17.8	.7	2.25	1.79	1.28	1.02	D
895	1621	2878.0	7.32	117	137	853	19.1	297.9	1.78	1.92	57.87	2872.4	.010	1.24	1.24	25.7	32.1	.192	.198	112	18.0	.7	2.20	1.79	1.23	1.02	D
896	1631	2879.0	6.19	159	182	853	18.0	293.3	1.79	1.85	56.60	2874.2	.020	1.25	1.24	25.9	31.8	.192	.201	113	18.1	.7	2.20	1.80	1.23	1.02	D
897	1638	2880.0	7.84	169	186	852	17.3	292.3	1.78	1.86	56.12	2875.3	.010	1.25	1.24	25.9	32.0	.193	.201	114	18.2	.7	2.10	1.80	1.28	1.02	D
898	1646	2881.0	7.59	168	184	852	17.0	291.6	1.78	1.82	55.49	2876.4	.010	1.25	1.24	25.9	31.7	.193	.201	115	18.4	.7	2.10	1.80	1.23	1.02	D
899	1653	2882.0	9.31	171	184	851	17.3	295.1	1.78	1.89	55.01	2876.9	.010	1.25	1.24	25.9	32.0	.192	.200	116	18.5	.7	2.06	1.80	1.28	1.02	D
900	1702	2883.0	6.45	168	182	852	17.2	293.0	1.75	1.78	54.21	2877.0	.010	1.25	1.25	26.0	31.9	.192	.201	117	18.6	.7	2.15	1.80	1.28	1.02	D
901	1711	2884.0	6.53	169	184	852	17.9	286.1	1.78	1.79	54.06	2877.9	.010	1.25	1.24	25.9	32.0	.193	.204	118	18.8	.7	2.13	1.80	1.23	1.02	D
902	1721	2885.0	5.96	165	180	854	18.1	288.2	1.84	1.77	53.90	2879.1	.020	1.25	1.24	25.9	32.5	.193	.200	119	19.0	.7	2.21	1.80	1.28	1.02	D
903	1729	2886.0	7.23	166	186	853	18.1	289.2	1.79	1.79	54.06	2880.1	.020	1.24	1.25	25.8	32.7	.195	.201	120	19.1	.7	2.15	1.81	1.28	1.02	D
+ Survey and 5 stand short trip at 2886m.																											
907	2008	2887.9	12.6	134	311	846	12.8	296.5	1.76	1.65	54.21	2883.9	.010	1.25	1.23	23.2	26.4	.194	.176	122	19.3	.7	1.78	1.81	1.28	1.02	D
908	2009	2888.1	11.4	139	149	848	20.1	295.1	1.78	1.57	54.53	2883.9	.010	1.25	1.23	23.2	26.4	.194	.176	123	19.6	.8	2.10	1.81	1.23	1.02	D
909	2016	2889.0	7.21	137	193	848	20.0	295.1	1.77	1.61	57.87	2884.3	.010	1.24	1.23	21.8	28.0	.202	.193	123	19.9	.8	2.23	1.81	1.28	1.02	D
910	2029	2890.0	4.93	147	288	845	18.2	294.4	1.76	1.37	59.94	2885.1	.010	1.24	1.23	20.7	28.4	.199	.201	124	20.2	.8	2.26	1.81	1.29	1.01	D
911	2036	2891.0	7.95	158	186	842	15.0	293.2	1.78	1.32	59.94	2885.5	0.00	1.24	1.24	20.9	28.1	.196	.202	125	20.3	.8	1.99	1.81	1.29	1.02	D
912	2046	2892.0	5.90	170	189	841	14.8	293.4	1.79	1.50	60.26	2886.0	.010	1.24	1.23	21.4	28.5	.194	.199	126	20.4	.8	2.06	1.81	1.29	1.02	D
913	2053	2893.0	5.08	166	183	844	15.6	236.1	1.78	1.56	60.89	2887.8	.010	1.24	1.24	21.9	27.8	.194	.207	127	20.6	.8	2.14	1.81	1.23	1.02	D
914	2110	2894.0	5.44	161	192	843	14.3	283.2	1.79	1.44	61.53	2889.2	.010	1.24	1.23	22.4	28.5	.196	.199	128	20.8	.8	2.07	1.81	1.23	1.02	D
915	2121	2895.0	5.60	189	216	864	12.6	290.3	1.79	1.53	61.53	2890.1	.010	1.24	1.23	22.7	28.5	.196	.203	129	21.0	.8	1.99	1.81	1.28	1.02	D
916	2132	2896.0	5.37	192	215	868	13.6	286.8	1.87	1.67	62.01	2891.4	.010	1.24	1.23	22.9	28.1	.196	.205	130	21.2	.8	2.05	1.81	1.28	1.02	D

STATOIL : 15/9-18

Data Printed at time 16:54 Date Feb 24 '84
Data Received at time 22:11 Date Jan 21 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	hours	EST TW	DXC	NXB	ECD	NXMD	
917	2211	2897.0	6.57	164	232	862	12.8	294.8	1.78	1.51	64.07	2893.6	.010	1.23	1.23	22.8	25.6	.203	.201	131	21.7	.8	1.95	1.80	1.28	1.02	D
918	2221	2898.0	6.07	139	151	856	11.6	277.9	1.78	1.50	64.55	2894.4	.010	1.23	1.23	22.8	27.6	.203	.201	132	21.8	.8	1.91	1.80	1.28	1.03	D
919	2233	2899.0	5.01	124	140	856	12.1	279.9	1.78	1.41	64.23	2895.7	.010	1.24	1.23	22.6	28.1	.202	.204	133	22.0	.8	1.99	1.79	1.28	1.03	D
920	2243	2900.0	5.53	126	154	856	14.8	285.4	1.78	1.50	64.71	2896.4	.010	1.24	1.23	22.6	28.1	.202	.205	134	22.2	.8	2.09	1.79	1.28	1.03	D
921	2253	2901.0	6.24	139	160	856	14.8	286.8	1.78	1.23	65.34	2896.4	.010	1.24	1.23	22.6	27.8	.201	.207	135	22.4	.9	2.06	1.79	1.28	1.03	D
922	2302	2902.0	6.38	130	153	856	14.9	282.0	1.78	1.53	66.14	2896.9	.010	1.25	1.23	22.8	27.8	.201	.208	136	22.5	.9	2.06	1.79	1.28	1.03	D
923	2311	2903.0	6.50	133	166	856	15.2	282.0	1.77	1.61	66.62	2897.8	.010	1.24	1.24	22.9	27.9	.200	.210	137	22.7	.9	2.07	1.79	1.28	1.03	D
924	2320	2904.0	6.48	127	145	856	16.8	279.9	1.78	1.07	66.93	2898.6	.010	1.24	1.23	22.9	27.8	.203	.211	138	22.8	.9	2.14	1.79	1.28	1.03	D
925	2331	2905.0	5.73	123	142	856	15.9	282.7	1.78	.961	67.41	2899.6	.010	1.24	1.23	22.9	28.1	.202	.212	139	23.0	.9	2.13	1.79	1.28	1.03	D
926	2341	2906.0	6.23	131	193	855	16.4	279.9	1.78	1.57	68.05	2900.5	.010	1.24	1.23	22.9	28.1	.202	.211	140	23.2	.9	2.13	1.79	1.28	1.03	D
	Date	Jan 22 '83																									
927	0007	2907.0	6.54	191	219	854	16.9	288.2	1.78	1.26	69.32	2902.5	.010	1.24	1.23	22.8	26.5	.206	.209	141	23.5	.9	2.14	1.80	1.28	1.03	D
928	0016	2908.0	6.69	190	215	856	17.2	286.1	1.78	1.28	69.32	2903.6	.010	1.24	1.24	22.8	27.7	.206	.209	142	23.6	.9	2.14	1.80	1.28	1.03	D
929	0024	2909.0	7.38	188	205	857	16.4	278.5	1.81	1.09	69.64	2904.3	.010	1.24	1.24	22.7	27.8	.205	.210	143	23.8	.9	2.09	1.80	1.28	1.03	D
930	0033	2910.0	7.18	191	215	856	16.5	286.8	1.77	1.13	70.11	2905.1	.010	1.24	1.24	22.6	27.8	.205	.211	144	23.9	.9	2.10	1.80	1.28	1.03	D
931	0040	2911.0	8.17	202	259	855	16.1	288.2	1.77	1.36	70.43	2905.8	.010	1.24	1.24	22.6	27.8	.205	.211	145	24.0	.9	2.05	1.80	1.28	1.03	D
932	0049	2912.0	6.71	197	222	854	16.4	286.8	1.77	1.17	70.75	2906.0	.010	1.24	1.24	22.7	27.6	.205	.212	146	24.2	.9	2.11	1.80	1.28	1.03	D
933	0057	2913.0	7.33	196	223	856	16.5	290.3	1.77	1.04	70.91	2906.7	.010	1.24	1.24	22.7	27.8	.205	.213	147	24.3	.9	2.09	1.80	1.28	1.03	D
934	0104	2914.0	7.93	194	221	855	16.9	288.2	1.78	1.11	70.59	2907.6	.010	1.24	1.24	22.8	27.8	.204	.216	148	24.4	.9	2.09	1.80	1.28	1.03	D
935	0114	2915.0	6.63	190	225	856	16.7	287.5	1.78	1.21	70.43	2908.7	.010	1.24	1.24	22.8	27.9	.203	.216	149	24.6	1.0	2.13	1.80	1.28	1.03	D
936	0136	2916.0	8.21	150	216	853	16.9	282.7	1.79	1.23	70.75	2910.6	.010	1.24	1.24	22.9	25.3	.204	.224	150	24.8	1.0	2.03	1.80	1.28	1.03	D
937	0144	2917.0	7.00	180	227	853	17.4	282.0	1.74	1.12	70.43	2911.6	.010	1.24	1.24	22.9	27.0	.204	.216	151	25.0	1.0	2.14	1.80	1.28	1.03	D
938	0153	2918.0	6.88	196	225	852	16.7	282.0	1.76	.931	70.11	2912.7	.010	1.24	1.24	22.9	27.3	.204	.215	152	25.1	1.0	2.12	1.80	1.28	1.03	D
939	0201	2919.0	7.42	199	228	852	16.8	282.7	1.76	1.06	70.27	2913.6	.010	1.24	1.24	22.8	27.5	.204	.217	153	25.2	1.0	2.10	1.80	1.28	1.03	D
940	0209	2920.0	7.07	197	227	853	17.1	279.9	1.76	1.25	70.11	2914.6	.010	1.24	1.23	22.8	26.9	.204	.219	154	25.4	1.0	2.13	1.80	1.28	1.03	D
941	0216	2921.0	8.77	205	223	853	16.7	282.7	1.77	1.04	70.27	2915.4	.010	1.24	1.23	22.9	27.5	.204	.215	155	25.5	1.0	2.05	1.80	1.28	1.03	D
942	0224	2922.0	7.21	203	229	852	16.3	282.7	1.75	1.38	69.64	2915.5	.010	1.24	1.23	22.8	27.3	.204	.217	156	25.6	1.0	2.09	1.80	1.28	1.03	D
943	0233	2923.0	6.49	205	232	852	16.0	282.0	1.77	1.10	69.00	2916.6	.010	1.24	1.24	22.9	27.5	.203	.219	157	25.8	1.0	2.10	1.80	1.28	1.03	D
944	0241	2924.0	7.44	202	227	853	16.0	284.8	1.77	1.45	69.84	2917.5	.010	1.24	1.24	22.9	27.7	.203	.216	158	25.9	1.0	2.06	1.80	1.28	1.03	D
945	0249	2925.0	8.24	204	232	853	15.7	284.8	1.78	1.01	68.36	2918.4	.010	1.24	1.23	23.0	27.5	.203	.217	159	26.0	1.0	2.02	1.79	1.28	1.03	D
946	0313	2926.0	9.58	204	233	852	17.6	288.2	1.76	1.12	66.14	2920.7	.010	1.23	1.23	22.9	25.8	.204	.222	160	26.3	1.0	2.36	1.79	1.28	1.03	D
947	0321	2927.0	7.70	206	233	851	17.4	286.1	1.76	1.05	66.93	2921.6	.010	1.24	1.24	22.9	26.8	.204	.214	161	26.4	1.0	2.11	1.79	1.28	1.03	D
948	0328	2928.0	7.90	200	227	851	15.7	285.4	1.76	1.28	66.46	2922.5	.010	1.24	1.24	22.8	27.1	.205	.215	162	26.6	1.0	2.04	1.79	1.28	1.04	D
949	0335	2929.0	8.22	203	230	853	16.0	286.1	1.77	1.35	66.14	2923.4	.010	1.23	1.23	22.8	27.1	.206	.216	163	26.7	1.0	2.04	1.79	1.28	1.04	D
950	0343	2930.0	7.77	203	233	855	16.3	283.4	1.75	1.21	66.14	2924.4	.010	1.24	1.23	22.7	27.2	.206	.215	164	26.8	1.1	2.07	1.79	1.28	1.04	D
951	0358	2931.0	6.32	145	223	852	16.7	282.7	1.79	.999	65.50	2925.3	0.00	1.24	1.23	22.7	26.0	.206	.219	165	27.0	1.1	2.14	1.79	1.28	1.04	D
952	0408	2932.0	6.01	133	170	857	17.3	283.4	1.78	1.17	64.87	2925.8	.010	1.24	1.23	22.7	26.8	.206	.214	166	27.2	1.1	2.18	1.79	1.28	1.04	D
953	0418	2933.0	5.72	133	168	857	17.8	283.4	1.75	1.01	63.91	2927.2	.010	1.24	1.23	22.7	27.1	.205	.217	167	27.3	1.1	2.22	1.80	1.28	1.03	D
954	0427	2934.0	6.80	136	165	858	17.6	282.7	1.78	.893	63.44	2928.4	.010	1.24	1.23	22.7	27.3	.206	.216	168	27.5	1.1	2.16	1.80	1.28	1.03	D
955	0451	2935.0	5.60	132	169	856	16.3	279.9	1.76	1.01	64.55	2930.5	.010	1.24	1.24	22.6	25.3	.207	.219	169	27.8	1.1	2.15	1.80	1.28	1.03	D
956	0459	2936.0	7.21	130	156	857	15.9	277.9	1.76	1.17	73.29	2931.3	.010	1.24	1.23	21.2	26.8	.214	.215	170	27.9	1.1	2.07	1.80	1.28	1.03	D
957	0511	2937.0	5.00	159	217	857	17.2	279.2	1.76	1.32	79.02	2932.6	.010	1.24	1.23	20.4	27.0	.212	.217	171	28.1	1.1	2.23	1.80	1.28	1.03	D
958	0521	2938.0	5.84	195	225	857	16.1	282.7	1.77	1.01	78.38	2933.6	.010	1.24	1.23	20.8	26.6	.209	.217	172	28.3	1.1	2.14	1.81	1.28	1.03	D
959	0532	2939.0	5.76	198	229	854	15.8	282.7	1.77	1.11	77.74	2934.2	.010	1.24	1.23	21.3	26.1	.208	.218	173	28.5	1.1	2.12	1.81	1.28	1.03	D
960	0543	2940.1	5.42	194	221	859	15.1	283.4	1.75	1.07	77.27	2935.0	.010	1.24	1.23	21.6	26.3	.207	.216	174	28.6	1.1	2.11	1.81	1.28	1.03	D
961	0553	2941.0	5.84	197	225	858	15.3	279.2	1.78	1.05	76.79	2936.0	.010	1.24	1.23	21.9	26.5	.206	.217	175	28.8	1.1	2.10	1.81	1.28	1.03	D
962	0604	2942.0	5.35	196	223	859	15.6	279.2	1.78	1.26	75.84	2937.1	.010	1.24	1.23	22.0	26.6	.206	.219	176	29.0	1.1	2.13	1.81	1.28	1.03	D
963	0614	2943.0	5.64	196	226	859	15.4	282.0	1.77	1.13	75.68	2938.0	.010	1.24	1.23	22.1	26.9	.205	.222	177	29.2	1.2	2.11	1.81	1.28	1.03	D
964	0635	2944.0	3.14	175	232	863	15.0	235.4	1.79	1.18	75.20	2939.4	.010	1.24	1.23	22.3	25.8	.205	.226	178	29.4	1.2	2.00	1.80	1.28	1.03	D
965	0645	2945.0	6.42	130	165	860	16.6	282.7	1.77	.890	73.77	2940.3	.010	1.23	1.23	22.3	25.6	.205	.219	179	29.5	1.2	2.13	1.81	1.28	1.03	D

STATOIL : 15/9-13

Data Printed at time 16:59 Date Feb 24 '84
Data Received at time 06:53 Date Jan 22 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	ADB	ECD	ADMD	
966	0653	2946.0	6.98	130	153	859	17.1	283.4	1.77	1.17	73.29	2941.2	.010	1.23	1.23	22.3	26.4	.206	.218	180	29.7	1.2	2.13	1.81	1.23	1.03	D
967	0701	2947.0	7.16	131	175	860	17.5	284.1	1.79	.768	72.66	2941.8	.020	1.24	1.23	22.2	26.6	.207	.219	181	29.8	1.2	2.14	1.81	1.23	1.03	D
968	0710	2948.0	6.75	132	163	860	18.2	285.4	1.76	.807	72.18	2942.7	.010	1.23	1.23	22.2	26.6	.208	.219	182	30.0	1.2	2.19	1.81	1.23	1.03	D
969	0720	2949.0	6.32	131	163	859	17.6	285.4	1.78	1.17	71.86	2943.6	.010	1.24	1.23	22.2	26.9	.208	.217	183	30.1	1.2	2.18	1.81	1.28	1.03	D
970	0729	2950.0	7.26	135	174	861	17.5	280.6	1.76	.712	71.23	2944.2	.010	1.24	1.23	22.2	26.7	.207	.218	184	30.3	1.2	2.15	1.81	1.27	1.03	D
971	0739	2951.0	5.37	133	161	860	17.2	279.9	1.79	1.15	70.75	2945.3	.010	1.25	1.24	22.3	26.9	.207	.223	185	30.5	1.2	2.24	1.82	1.26	1.03	D
972	0749	2952.0	5.94	134	170	860	17.5	284.8	1.76	.871	70.27	2946.4	.010	1.24	1.23	22.4	26.8	.207	.217	186	30.6	1.2	2.22	1.82	1.26	1.03	D
973	0759	2953.0	6.19	131	172	859	17.5	280.6	1.78	.757	70.11	2947.6	.010	1.23	1.23	22.5	26.9	.207	.218	187	30.8	1.2	2.21	1.82	1.26	1.02	D
974	0821	2954.0	6.87	179	224	862	17.9	284.1	1.77	.948	69.95	2949.2	.010	1.24	1.23	22.3	24.8	.208	.227	188	31.0	1.2	2.19	1.83	1.27	1.02	D
975	0831	2955.0	5.85	200	224	868	18.0	285.4	1.78	1.18	69.64	2950.4	.010	1.24	1.23	22.3	26.5	.208	.217	189	31.2	1.2	2.23	1.83	1.28	1.02	D
976	0839	2956.1	7.90	199	229	866	18.8	287.5	1.79	.855	69.48	2951.1	.010	1.23	1.23	22.3	26.8	.208	.219	190	31.3	1.3	2.16	1.83	1.23	1.02	D
977	0848	2957.0	5.97	193	227	866	18.5	288.2	1.78	.898	69.00	2952.0	.010	1.23	1.23	22.3	26.8	.208	.219	191	31.5	1.3	2.23	1.83	1.28	1.02	D
978	0857	2958.0	6.72	200	236	866	18.1	283.9	1.78	1.10	69.32	2952.9	.010	1.23	1.23	22.3	26.8	.208	.219	192	31.6	1.3	2.18	1.83	1.28	1.02	D
979	0908	2959.0	5.22	199	228	860	17.9	291.0	1.76	.950	69.00	2953.6	.010	1.23	1.23	22.3	26.7	.209	.220	193	31.8	1.3	2.24	1.84	1.28	1.02	D
980	0917	2960.0	6.45	196	234	859	17.2	282.7	1.77	1.09	69.00	2954.4	.010	1.24	1.23	22.4	26.7	.209	.219	194	32.0	1.3	2.14	1.84	1.29	1.02	D
981	0923	2961.0	5.51	198	231	859	17.1	281.3	1.78	.965	69.16	2955.6	.010	1.24	1.24	22.3	26.7	.211	.221	195	32.1	1.3	2.18	1.84	1.29	1.02	D
982	0933	2962.0	6.36	193	227	859	17.2	283.4	1.77	.940	69.32	2956.7	.010	1.23	1.24	22.2	26.8	.213	.220	196	32.3	1.3	2.15	1.84	1.29	1.02	D
983	0947	2963.0	6.67	197	228	856	18.7	283.4	1.76	.935	70.43	2957.6	.010	1.24	1.24	22.2	26.8	.213	.220	197	32.5	1.3	2.20	1.84	1.29	1.02	D
984	1013	2964.0	6.55	173	230	859	18.2	291.6	1.78	1.07	74.41	2959.5	.010	1.23	1.24	21.6	24.9	.224	.226	198	32.8	1.3	2.19	1.84	1.28	1.01	D
985	1021	2965.0	7.17	133	176	861	17.6	286.8	1.82	.902	74.09	2960.4	.010	1.23	1.23	21.6	25.9	.223	.219	199	32.9	1.3	2.15	1.84	1.23	1.01	D
986	1030	2966.0	6.76	132	158	861	17.1	282.7	1.77	1.13	73.93	2961.3	.010	1.24	1.24	21.7	26.5	.220	.220	200	33.0	1.3	2.14	1.84	1.28	1.02	D
987	1038	2967.0	7.20	134	204	861	17.6	288.2	1.79	1.10	73.45	2962.1	.010	1.25	1.23	21.8	26.5	.218	.222	201	33.2	1.3	2.14	1.84	1.28	1.02	D
988	1103	2968.0	2.86	159	327	865	14.2	281.3	1.81	.998	72.98	2963.7	.010	1.24	1.23	22.0	26.6	.213	.225	202	33.6	1.3	2.24	1.85	1.28	1.01	D
989	1112	2969.0	6.50	143	251	900	12.9	288.9	1.77	.957	72.34	2964.9	.010	1.24	1.24	22.0	26.5	.213	.235	203	33.7	1.4	1.97	1.84	1.28	1.02	D
990	1124	2970.0	5.25	144	198	901	14.0	288.9	1.76	.876	71.39	2966.1	.010	1.23	1.23	22.1	26.2	.213	.236	204	33.9	1.4	2.08	1.84	1.28	1.02	D
991	1133	2971.0	6.49	147	193	901	14.0	288.9	1.77	.910	70.75	2967.1	.010	1.24	1.23	22.2	25.9	.213	.237	205	34.1	1.4	2.02	1.84	1.28	1.02	D
992	1141	2972.0	7.15	142	172	900	14.1	281.3	1.78	.911	70.27	2967.2	.010	1.24	1.23	22.2	26.1	.215	.232	206	34.2	1.4	2.00	1.84	1.28	1.02	D
993	1156	2973.0	4.37	144	300	900	12.9	275.1	1.79	1.29	69.32	2968.0	.010	1.24	1.23	22.1	26.2	.218	.229	207	34.4	1.4	2.07	1.83	1.28	1.02	D
994	1227	2974.0	5.55	136	172	896	9.52	279.2	1.76	.961	68.05	2970.4	.010	1.23	1.23	22.0	24.4	.221	.227	208	34.8	1.4	1.83	1.83	1.28	1.02	D
995	1238	2975.0	5.40	141	173	895	10.6	276.5	1.77	.920	67.73	2971.7	.010	1.23	1.24	21.9	25.9	.220	.223	209	35.0	1.4	1.90	1.83	1.23	1.03	D
996	1243	2976.0	6.11	140	179	895	10.9	275.8	1.78	1.04	67.25	2972.6	.010	1.23	1.24	21.9	25.8	.219	.225	210	35.1	1.4	1.89	1.82	1.28	1.03	D
997	1300	2977.0	4.87	137	172	895	11.0	279.9	1.78	1.21	66.77	2973.3	.010	1.24	1.23	21.8	25.9	.218	.229	211	35.4	1.4	1.95	1.82	1.28	1.03	D
998	1310	2978.0	6.63	141	184	903	10.6	279.2	1.80	1.04	66.14	2973.5	.010	1.24	1.23	21.8	25.8	.218	.230	212	35.5	1.4	1.86	1.81	1.28	1.03	D
999	1321	2979.0	5.12	139	172	902	10.6	281.3	1.80	1.17	67.57	2974.0	.010	1.24	1.23	21.6	26.0	.224	.233	213	35.7	1.4	1.92	1.81	1.28	1.04	D
1000	1331	2980.0	5.75	139	172	902	12.0	278.5	1.79	1.21	66.77	2975.1	.010	1.24	1.23	21.7	26.1	.221	.234	214	35.9	1.4	1.96	1.81	1.28	1.04	D
1001	1345	2981.0	4.40	137	167	903	11.9	279.2	1.78	1.19	65.50	2976.4	.010	1.23	1.23	21.8	26.2	.220	.232	215	36.1	1.4	2.02	1.81	1.28	1.04	D
1002	1356	2982.0	5.48	134	178	902	12.2	278.5	1.79	1.09	64.71	2977.4	.010	1.23	1.23	21.9	26.0	.220	.233	216	36.3	1.4	1.98	1.81	1.28	1.04	D
1003	1408	2983.0	5.03	132	161	902	12.0	277.9	1.81	1.04	63.75	2978.5	.010	1.23	1.23	22.0	26.3	.220	.230	217	36.5	1.5	1.99	1.80	1.28	1.04	D
+ Survey and Short Trip at 2983m.																											
1007	1657	2984.0	3.66	225	291	883	9.31	264.8	1.79	.491	59.46	2979.9	.010	1.23	1.24	19.5	22.8	.224	.216	218	37.0	1.5	1.92	1.80	1.28	1.04	D
1008	1709	2985.0	5.06	215	285	872	10.5	280.6	1.79	.436	60.26	2979.9	.010	1.23	1.23	18.3	24.6	.227	.228	219	37.2	1.5	1.91	1.80	1.28	1.05	D
3	1719	2986.0	5.80	218	245	866	14.8	283.4	1.77	.642	60.42	2979.9	0.00	1.24	1.24	18.2	24.6	.225	.232	220	37.4	1.5	2.00	1.80	1.27	1.05	D
4	1730	2987.0	5.35	217	250	866	14.1	287.5	1.78	.973	60.42	2980.2	.010	1.24	1.24	18.6	24.7	.225	.232	221	37.6	1.5	2.03	1.80	1.27	1.05	D
5	1742	2988.0	4.87	211	246	873	14.1	285.4	1.78	.894	59.62	2980.7	.010	1.24	1.24	19.0	24.6	.225	.232	222	37.8	1.5	2.11	1.80	1.27	1.05	D
6	1755	2989.0	4.92	213	245	872	13.5	281.3	1.79	.675	58.98	2981.4	.010	1.24	1.25	19.7	25.0	.224	.232	223	38.0	1.5	2.08	1.80	1.27	1.05	D
7	1807	2990.0	4.88	215	250	873	13.6	283.4	1.79	.771	58.03	2982.7	0.00	1.24	1.24	20.2	25.4	.223	.232	224	38.2	1.5	2.09	1.80	1.27	1.05	D
8	1820	2991.0	4.65	214	268	875	13.7	283.4	1.79	1.18	57.87	2983.8	.010	1.23	1.24	20.5	25.4	.223	.233	225	38.4	1.5	2.11	1.80	1.27	1.05	D
9	1834	2992.0	4.35	211	240	876	14.1	283.4	1.79	1.06	57.08	2985.0	.010	1.24	1.24	20.8	25.9	.224	.236	226	38.6	1.5	2.15	1.80	1.27	1.05	D
10	1904	2993.0	4.06	207	257	875	13.9	279.9	1.78	.992	55.80	2987.0	.010	1.24	1.24	21.3	25.1	.225	.243	227	39.0	1.5	2.14	1.80	1.27	1.05	D
11	1916	2994.0	5.61	199	283	890	14.2	276.5	1.77	.999	58.19	2987.9	.010	1.24	1.24	21.2	25.0	.225	.236	228	39.2	1.6	2.03	1.80	1.27	1.05	D

STATOIL : 15/9-18

Data Printed at time 17:07 Date Feb 24 '84
Data Recorded at time 19:28 Date Jan 22 '83

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	ESP TVD	DXC	NXB	ECD	AMHD
12	1928	2995.0	5.12	137	165	893	13.6	278.5	1.78	.913	69.36	2988.8	.010	1.23	1.24	19.6	25.5	.230	.235	229	39.4	1.6	2.07	1.80	1.27	1.05 D
13	1938	2996.0	5.72	139	175	892	14.3	280.6	1.77	1.15	68.68	2989.4	0.00	1.23	1.24	19.6	25.8	.224	.235	230	39.6	1.6	2.08	1.80	1.27	1.05 D
14	1947	2997.0	6.52	139	170	894	13.9	280.6	1.78	.949	66.62	2990.0	0.00	1.24	1.24	20.1	25.2	.222	.237	231	39.7	1.6	2.03	1.80	1.27	1.05 D
15	2002	2998.0	4.30	147	281	836	12.7	286.8	1.78	.936	65.50	2990.6	0.00	1.24	1.25	20.6	25.2	.221	.236	232	39.9	1.6	2.03	1.80	1.27	1.05 D
16	2014	2999.0	5.00	134	166	875	12.4	285.4	1.79	.984	66.62	2991.6	0.00	1.24	1.24	20.8	25.6	.222	.234	233	40.1	1.6	2.02	1.80	1.27	1.05 D
17	2026	3000.0	4.81	132	159	874	12.8	277.9	1.78	1.40	67.25	2992.6	.010	1.24	1.25	21.0	26.3	.220	.233	234	40.3	1.6	2.05	1.80	1.27	1.05 D
18	2038	3001.0	5.07	133	153	875	13.0	282.0	1.79	1.02	66.77	2993.6	.010	1.24	1.24	21.1	26.0	.221	.237	235	40.5	1.6	2.05	1.80	1.27	1.05 D
19	2050	3002.0	4.81	133	160	876	13.8	287.5	1.78	.954	66.46	2994.6	0.00	1.24	1.24	21.4	26.0	.220	.237	236	40.7	1.6	2.10	1.80	1.27	1.05 D
20	2126	3003.0	6.01	130	161	869	13.6	281.3	1.76	1.33	65.34	2996.7	0.00	1.24	1.24	21.6	22.4	.220	.241	237	41.1	1.6	2.04	1.80	1.27	1.05 D
21	2136	3004.0	6.73	139	184	865	15.8	284.8	1.78	1.38	65.03	2997.5	.010	1.24	1.25	21.6	25.6	.222	.231	238	41.3	1.6	2.11	1.80	1.27	1.05 D
22	2145	3005.0	6.20	137	163	864	15.6	279.2	1.77	1.17	64.55	2998.2	.010	1.24	1.24	21.5	26.2	.223	.231	239	41.4	1.6	2.12	1.80	1.27	1.05 D
23	2155	3006.0	5.75	136	160	866	16.0	280.6	1.72	1.04	64.55	2999.0	.010	1.24	1.24	21.5	26.5	.224	.232	240	41.6	1.6	2.16	1.80	1.27	1.05 D
24	2206	3007.0	5.71	133	195	866	15.2	285.4	1.79	.883	63.75	2999.7	0.00	1.24	1.24	21.7	26.2	.221	.233	241	41.8	1.7	2.12	1.80	1.27	1.05 D
25	2217	3008.0	5.51	141	284	865	13.7	280.6	1.78	.845	64.23	2999.8	.010	1.24	1.24	21.7	26.0	.223	.234	242	42.0	1.7	2.05	1.80	1.28	1.05 D
26	2228	3009.0	5.27	136	195	864	13.6	284.1	1.78	.879	65.03	3001.0	.010	1.24	1.24	21.8	26.4	.224	.234	243	42.2	1.7	2.05	1.80	1.28	1.05 D
27	2237	3010.0	6.30	136	163	865	14.1	284.1	1.79	.904	64.87	3001.9	.010	1.24	1.24	21.8	26.4	.225	.234	244	42.3	1.7	2.01	1.80	1.28	1.05 D
28	2247	3011.0	5.94	135	166	866	14.0	281.3	1.78	1.31	64.55	3003.0	.010	1.24	1.24	21.9	26.3	.226	.235	245	42.5	1.7	2.03	1.80	1.29	1.05 D
31	2313	3012.0	6.65	130	171	864	13.7	286.1	1.78	1.51	64.55	3004.7	.010	1.24	1.24	21.9	24.9	.224	.244	246	42.7	1.7	1.99	1.80	1.28	1.05 D
32	2322	3013.0	6.81	137	161	873	15.4	287.5	1.79	1.23	63.75	3005.5	.010	1.24	1.24	21.9	25.9	.226	.231	247	42.9	1.7	2.06	1.80	1.29	1.05 D
33	2330	3014.0	7.82	138	167	874	15.7	291.6	1.78	1.38	63.44	3006.2	.010	1.24	1.24	21.9	26.4	.226	.234	248	43.0	1.7	2.04	1.80	1.29	1.05 D
34	2337	3015.0	8.43	136	176	873	15.7	293.0	1.78	1.28	62.96	3007.1	0.00	1.24	1.24	21.9	26.6	.227	.235	249	43.1	1.7	2.02	1.80	1.29	1.05 D
35	2345	3016.0	7.40	138	169	875	14.8	284.8	1.79	1.27	63.12	3007.9	0.00	1.24	1.24	21.8	26.7	.227	.237	250	43.3	1.7	2.01	1.80	1.29	1.05 D
36	2354	3017.0	6.83	139	164	874	14.1	285.4	1.78	1.66	62.64	3008.8	0.00	1.24	1.24	21.9	26.6	.227	.238	251	43.4	1.7	2.00	1.80	1.29	1.05 D
	Date	Jan 23 '83																								
37	0002	3018.0	7.34	138	275	874	14.1	286.1	1.75	1.48	62.96	3008.9	0.00	1.24	1.24	21.8	26.3	.228	.239	252	43.6	1.7	1.98	1.80	1.29	1.05 D
38	0008	3019.0	9.76	143	172	870	13.2	285.4	1.77	1.01	63.59	3009.4	0.00	1.24	1.24	21.8	26.4	.229	.240	253	43.7	1.7	1.87	1.80	1.29	1.05 D
39	0016	3020.0	7.23	137	267	867	13.6	284.8	1.72	1.46	63.59	3010.2	0.00	1.24	1.24	21.8	26.7	.230	.245	254	43.8	1.7	1.96	1.80	1.29	1.06 D
40	0026	3021.0	8.73	135	166	864	13.3	282.7	1.75	1.21	63.28	3012.3	.010	1.24	1.24	21.8	25.9	.231	.243	255	44.0	1.7	1.90	1.79	1.28	1.06 D
41	0042	3022.0	9.45	144	171	859	14.7	280.6	1.75	.943	63.28	3013.0	.010	1.24	1.24	21.8	25.4	.231	.239	256	44.1	1.7	1.94	1.79	1.29	1.06 D
42	0049	3023.0	8.75	143	163	858	14.5	281.3	1.75	1.09	62.96	3013.7	0.00	1.24	1.24	21.9	26.0	.232	.238	257	44.2	1.7	1.95	1.79	1.29	1.06 D
43	0056	3024.0	9.13	141	165	863	15.1	287.5	1.74	1.18	62.80	3014.6	.010	1.24	1.24	21.9	26.0	.232	.239	258	44.3	1.7	1.97	1.79	1.28	1.06 D
44	0101	3025.0	11.0	141	164	866	15.0	284.8	1.76	1.13	62.32	3015.2	.010	1.24	1.24	21.9	26.5	.231	.239	259	44.4	1.8	1.92	1.79	1.28	1.06 D
45	0103	3026.0	9.15	143	174	864	14.7	284.1	1.76	1.19	62.01	3016.1	.010	1.24	1.24	21.9	26.5	.232	.239	260	44.5	1.8	1.95	1.79	1.28	1.06 D
46	0114	3027.0	9.11	145	176	865	14.9	284.8	1.67	1.24	61.69	3017.0	.010	1.24	1.23	21.8	26.5	.232	.240	261	44.7	1.8	1.96	1.79	1.28	1.06 D
47	0119	3028.0	11.3	142	168	867	14.4	287.5	1.76	1.07	61.69	3020.3	.010	1.24	1.23	21.8	26.5	.232	.241	262	44.7	1.8	1.83	1.78	1.28	1.06 D
48	0125	3029.0	9.78	139	165	866	14.3	286.1	1.77	.983	61.21	3020.4	.010	1.24	1.23	21.8	26.6	.232	.242	263	44.8	1.8	1.92	1.78	1.28	1.07 D
49	0133	3030.0	8.14	138	170	867	13.5	288.2	1.72	1.05	61.05	3020.9	.010	1.24	1.23	21.9	26.6	.232	.242	264	45.0	1.8	1.93	1.78	1.28	1.07 D
50	0150	3031.0	9.27	134	161	861	13.6	286.8	1.74	1.12	61.37	3022.4	.010	1.24	1.23	21.9	26.3	.233	.246	265	45.2	1.8	1.90	1.78	1.28	1.07 D
51	0156	3032.0	9.53	139	160	858	14.4	280.6	1.75	.906	61.05	3023.2	.010	1.24	1.23	21.9	25.9	.234	.244	266	45.3	1.8	1.93	1.78	1.28	1.07 D
52	0204	3033.0	8.25	136	159	861	13.9	282.7	1.75	.883	61.05	3024.0	.010	1.24	1.23	21.9	26.2	.235	.245	267	45.4	1.8	1.94	1.78	1.28	1.07 D
53	0209	3034.0	10.6	141	165	864	13.7	280.6	1.77	1.14	61.05	3024.7	.010	1.24	1.23	21.8	26.5	.236	.245	268	45.5	1.8	1.87	1.77	1.28	1.07 D
54	0217	3035.0	8.25	145	233	863	14.5	291.0	1.75	1.25	61.21	3025.6	.010	1.24	1.24	21.8	26.5	.237	.244	269	45.6	1.8	1.97	1.77	1.28	1.07 D
55	0225	3036.0	9.04	147	238	858	14.3	286.1	1.76	1.11	60.73	3026.9	.010	1.24	1.24	21.8	26.6	.236	.244	270	45.7	1.8	1.93	1.77	1.28	1.07 D
56	0230	3037.0	13.2	142	175	857	13.7	284.1	1.75	1.15	60.26	3027.7	.010	1.24	1.23	21.9	26.6	.235	.245	271	45.8	1.8	1.83	1.77	1.28	1.08 D
57	0237	3038.0	8.91	140	168	855	13.7	281.3	1.76	.994	60.10	3028.5	.010	1.24	1.23	21.9	26.7	.235	.246	272	45.9	1.8	1.91	1.77	1.28	1.08 D
58	0245	3039.0	7.82	137	175	857	14.2	280.6	1.76	1.14	59.78	3028.9	.010	1.24	1.24	21.9	26.6	.235	.246	273	46.1	1.8	1.97	1.77	1.28	1.08 D
59	0252	3040.0	8.10	135	171	859	13.7	279.2	1.77	1.49	59.14	3030.0	.010	1.24	1.24	22.0	26.8	.235	.246	274	46.2	1.8	1.94	1.76	1.28	1.08 D

+ Drop whole drill string when kelly saver sub pin connector snaps.
+ Fish drill string on second attempt with an over-shot assembly. Dart sub from turbine filter not retrieved with assembly however.
+ NB#15, HTC J08, 8.5" w/3x13 jets. Reamed to TD to check hole for junk.

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	DXB	ECD	DXBD	
67	1455	3041.0	1.30	216	393	41	7.04	14.48	.238	.312	72.98	3040.0	0.00	1.25	1.25	14.7	12.1	.223	.249	1.0	2.1	.0	1.31	1.34	1.24	1.24	D
Work junk basket, drop survey and POOH with NB#15 at 3041m.																											
Run a reverse circulation junk basket to TD. Work and circulate at TD before cutting .4m and POOH.																											
NB#16, HTC JD8, 8.5" w/13;13;13 jets.																											
	Date Jan 28 '84																										
72	0030	3042.0	8.63	259	359	24	14.3	34.47	.787	.812	62.64	3041.4	0.00	1.30	1.26	10.4	11.9	.236	.232	1.0	.1	.0	1.02	1.34	1.27	1.25	D
73	0123	3043.0	1.20	230	369	18	18.4	172.4	1.58	1.54	60.89	3041.4	.010	1.29	1.27	11.6	19.6	.231	.244	2.0	.7	.0	1.52	1.34	1.33	1.25	D
74	0242	3044.0	1.01	220	399	21	16.5	77.91	1.03	1.02	63.28	3042.7	0.00	1.31	1.31	15.2	19.4	.229	.247	3.0	1.9	.0	1.55	1.34	1.32	1.25	D
75	0242	3045.0	2.19	234	432	21	14.6	14.45	1.04	.295	59.46	3042.7	0.00	1.31	1.31	15.2	19.4	.229	.247	4.0	2.4	.0	1.29	1.34	1.32	1.24	D
Make short trips at 3044m and 3045m.																											
77	0530	3046.0	2.50	218	267	18	17.0	47.57	.837	.824	58.51	3043.8	0.00	1.30	1.31	15.7	16.6	.227	.251	5.1	3.3	.0	1.28	1.34	1.32	1.24	D
Make short trip at 3046.3m to casing shoe and ream back through 12.25" rathole to check for junk before drilling ahead.																											
81	1029	3047.0	1.53	269	466	64	18.1	212.4	1.79	.450	59.30	3045.4	0.00	1.32	1.30	13.6	19.9	.228	.239	6.0	5.0	.1	1.76	1.35	1.35	1.24	D
Make wiper trip to shoe to check hole for junk. Commence weighting up mud to 1.35 g/cc.																											
Complete weighting up mud to 1.35 g/cc after returning to TD. POOH with NB#16 at 3047m.																											
NB#17, HTC J4, 8-1/2" with 3x12 jets.																											
	Date Jan 29 '84																										
87	0556	3048.0	3.43	245	344	65	8.11	207.5	1.61	1.81	60.10	3047.4	0.00	1.36	1.34	12.3	18.1	.227	.235	.6	.5	.0	1.18	1.55	1.38	1.08	D
88	0609	3049.0	4.68	251	301	73	11.1	207.5	1.61	1.70	60.10	3047.4	0.00	1.35	1.35	12.5	18.6	.228	.246	1.5	.8	.1	1.24	1.55	1.38	1.08	D
89	0629	3050.0	2.94	266	381	79	12.2	207.5	1.61	1.59	60.26	3047.4	0.00	1.35	1.37	13.8	18.8	.226	.245	2.6	1.1	.1	1.40	1.54	1.38	1.08	D
90	0640	3051.0	5.42	364	393	106	14.4	214.4	1.64	1.63	60.26	3047.4	0.00	1.35	1.36	14.8	18.8	.226	.242	3.5	1.3	.2	1.40	1.54	1.39	1.09	D
91	0703	3052.0	4.20	358	400	100	14.6	208.9	1.62	1.55	60.10	3048.2	0.00	1.35	1.36	15.6	17.8	.227	.242	4.6	1.5	.3	1.46	1.54	1.39	1.09	D
92	0723	3053.0	4.09	314	393	93	15.1	209.6	1.62	1.53	60.10	3049.4	0.00	1.35	1.36	16.1	19.8	.226	.237	5.6	1.8	.3	1.46	1.54	1.38	1.09	D
93	0736	3054.0	4.50	315	355	92	15.5	210.3	1.62	1.55	60.10	3050.3	0.00	1.35	1.37	16.5	20.4	.224	.239	6.6	2.0	.4	1.45	1.53	1.38	1.09	D
94	0747	3055.0	5.24	308	360	91	15.5	211.0	1.62	1.58	60.10	3051.3	0.00	1.34	1.36	16.8	20.5	.224	.241	7.6	2.2	.4	1.41	1.53	1.38	1.09	D
95	0757	3056.0	5.79	341	369	91	16.2	211.0	1.62	1.56	60.26	3051.8	0.00	1.35	1.36	17.1	20.7	.224	.242	8.5	2.3	.5	1.41	1.53	1.38	1.10	D
96	0806	3057.0	7.06	347	371	91	16.4	210.3	1.62	1.61	60.26	3052.1	0.00	1.35	1.36	17.3	20.7	.224	.242	9.5	2.5	.5	1.36	1.52	1.38	1.10	D
97	0815	3058.0	6.78	322	366	91	16.6	209.6	1.62	1.63	60.42	3052.7	0.00	1.35	1.35	17.6	21.0	.224	.248	10.5	2.6	.6	1.38	1.52	1.38	1.10	D
98	0835	3059.0	3.67	311	374	86	15.6	208.2	1.61	1.55	61.05	3054.0	0.00	1.35	1.36	17.9	21.2	.225	.241	11.5	2.9	.6	1.49	1.52	1.38	1.10	D
99	0857	3060.0	2.63	279	366	95	13.8	208.2	1.62	1.60	60.26	3056.0	0.00	1.35	1.36	18.3	21.7	.226	.239	12.5	3.2	.7	1.53	1.52	1.38	1.10	D
100	0914	3061.0	3.67	328	369	94	15.2	208.2	1.61	1.55	60.42	3057.9	0.00	1.35	1.35	18.5	21.8	.227	.239	13.6	3.5	.8	1.50	1.52	1.38	1.10	D
101	0952	3062.0	2.85	332	380	83	14.2	206.8	1.61	1.49	59.94	3059.2	0.00	1.35	1.35	18.7	20.9	.226	.232	14.6	3.9	.8	1.49	1.52	1.38	1.10	D
102	1012	3063.0	2.92	292	337	90	13.9	207.5	1.60	1.60	59.94	3060.1	0.00	1.34	1.35	18.5	21.9	.226	.241	15.6	4.3	.9	1.50	1.52	1.38	1.10	D
103	1035	3064.0	2.56	292	329	90	14.4	206.8	1.61	1.55	59.94	3061.5	0.00	1.35	1.36	18.7	22.2	.225	.241	16.6	4.6	1.0	1.55	1.52	1.38	1.10	D
104	1056	3065.0	2.77	285	321	90	13.8	206.8	1.61	1.65	59.94	3062.4	0.00	1.34	1.33	19.0	22.4	.226	.250	17.6	5.0	1.0	1.51	1.52	1.38	1.11	D
105	1117	3066.0	3.08	293	330	90	13.7	207.5	1.60	1.65	59.94	3063.4	0.00	1.35	1.36	19.3	22.5	.226	.241	18.5	5.3	1.1	1.48	1.52	1.38	1.11	D
106	1134	3067.0	3.32	343	374	88	15.2	207.5	1.61	1.58	59.78	3064.1	0.00	1.35	1.35	19.4	22.8	.227	.239	19.5	5.6	1.2	1.50	1.52	1.38	1.11	D
107	1150	3068.0	3.73	351	374	88	14.4	208.2	1.61	1.55	59.78	3065.0	0.00	1.35	1.36	19.5	22.7	.226	.240	20.5	5.9	1.2	1.45	1.51	1.38	1.11	D
108	1207	3069.0	3.57	348	372	88	13.6	207.5	1.61	1.57	59.94	3065.8	0.00	1.35	1.36	19.6	23.0	.227	.240	21.5	6.2	1.2	1.43	1.51	1.38	1.11	D
109	1223	3070.0	3.79	344	371	88	14.1	208.2	1.61	1.53	59.94	3066.6	0.00	1.35	1.35	19.7	22.9	.226	.242	22.6	6.4	1.3	1.44	1.51	1.38	1.11	D
110	1251	3071.0	3.77	371	422	95	13.0	208.9	1.61	1.59	60.10	3067.8	0.00	1.35	1.35	19.8	22.3	.226	.241	23.6	6.8	1.3	1.42	1.50	1.38	1.12	D
111	1307	3072.0	3.79	402	407	103	13.4	208.2	1.61	1.58	60.26	3068.8	0.00	1.35	1.36	19.7	22.7	.227	.239	24.6	7.0	1.4	1.45	1.50	1.38	1.12	D
112	1327	3073.0	3.01	384	411	99	13.5	207.5	1.61	1.56	60.73	3070.0	0.00	1.35	1.36	19.6	22.9	.227	.239	25.5	7.4	1.4	1.49	1.50	1.39	1.12	D
113	1347	3074.0	3.11	366	422	94	13.6	207.5	1.61	1.59	60.42	3071.0	0.00	1.35	1.35	19.7	23.0	.226	.239	26.6	7.7	1.5	1.48	1.50	1.38	1.12	D
114	1406	3075.0	3.08	368	411	97	13.6	207.5	1.61	1.54	60.26	3072.2	0.00	1.35	1.35	19.8	23.1	.225	.239	27.6	8.0	1.5	1.49	1.50	1.38	1.12	D
115	1429	3076.0	2.81	363	450	94	13.9	207.5	1.61	1.54	60.10	3073.3	0.00	1.35	1.35	20.0	23.2	.225	.239	28.6	8.4	1.6	1.52	1.50	1.38	1.12	D
116	1449	3077.0	3.00	345	391	94	14.0	207.5	1.61	1.56	59.94	3074.3	0.00	1.35	1.35	20.0	23.2	.225	.239	29.6	8.7	1.7	1.50	1.50	1.38	1.12	D
117	1511	3078.0	2.61	344	389	94	14.6	209.6	1.62	1.54	59.78	3075.5	0.00	1.35	1.35	20.2	23.5	.226	.239	30.6	9.1	1.7	1.55	1.50	1.39	1.12	D
118	1543	3079.0	2.19	352	450	92	13.5	210.3	1.62	1.52	59.46	3076.9	0.00	1.35	1.35	20.3	23.8	.226	.237	31.6	9.6	1.8	1.55	1.50	1.39	1.12	D
119	1619	3080.0	2.34	270	445	82	13.0	209.6	1.62	1.57	59.30	3078.2	0.00	1.36	1.36	20.5	24.1	.224	.239	32.6	10.0	1.8	1.49	1.50	1.38	1.12	D

STATOIL : 15/9-18

Data Printed at time 17:19 Date Feb 24 '84
Data Rec[illegible] at time 16:58 Date Jan 29 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	MXB	ECD	MXAD	
120	1658	3081.0	2.59	304	455	94	13.5	209.9	1.61	1.50	59.46	3079.5	0.00	1.35	1.35	20.7	23.7	.226	.237	33.6	10.6	1.9	1.52	1.50	1.38	1.12	D
121	1725	3082.0	2.44	355	457	92	13.1	209.6	1.61	1.49	58.67	3080.2	0.00	1.35	1.34	20.6	24.0	.226	.236	34.6	11.0	2.0	1.51	1.50	1.39	1.12	D
122	1740	3083.0	3.82	307	345	82	12.9	210.3	1.62	1.51	59.51	3080.4	0.00	1.35	1.34	20.6	24.7	.225	.236	35.6	11.3	2.0	1.38	1.50	1.39	1.13	D
123	1835	3084.0	2.51	305	351	82	13.7	209.6	1.62	1.48	58.67	3081.3	0.00	1.35	1.34	20.7	24.4	.224	.240	36.5	11.7	2.0	1.50	1.49	1.39	1.13	D
124	1823	3085.0	3.28	313	378	82	14.7	211.0	1.62	1.50	58.67	3082.1	0.00	1.36	1.34	20.9	24.6	.224	.239	37.6	12.0	2.1	1.47	1.49	1.39	1.13	D
125	1844	3086.0	3.27	301	352	81	13.7	206.2	1.60	1.47	59.94	3083.1	0.00	1.35	1.35	21.0	24.6	.223	.239	38.6	12.3	2.1	1.44	1.49	1.39	1.13	D
126	1902	3087.0	3.29	258	305	84	14.1	206.8	1.61	1.46	59.94	3084.0	0.00	1.35	1.35	21.0	24.4	.225	.238	39.6	12.6	2.1	1.45	1.49	1.39	1.13	D
127	1919	3088.0	3.46	249	314	84	14.5	206.2	1.61	1.46	60.26	3084.8	0.00	1.35	1.35	21.0	24.7	.224	.238	40.6	12.9	2.2	1.46	1.49	1.39	1.14	D
128	1936	3089.0	3.62	277	323	83	14.4	205.5	1.61	1.45	61.21	3085.6	.040	1.35	1.35	21.0	24.8	.224	.236	41.6	13.2	2.2	1.44	1.48	1.39	1.14	D
129	1956	3090.0	3.02	277	318	83	14.4	205.5	1.61	1.44	61.05	3086.7	.030	1.35	1.35	21.0	24.8	.224	.237	42.6	13.5	2.2	1.48	1.48	1.39	1.14	D
130	2026	3091.0	3.56	274	323	83	14.0	202.7	1.60	1.42	60.73	3088.1	.030	1.35	1.35	21.1	24.1	.223	.240	43.6	13.9	2.3	1.43	1.48	1.39	1.14	D
131	2046	3092.0	3.77	276	371	84	14.0	208.9	1.62	1.44	60.26	3089.3	.010	1.35	1.35	21.1	23.7	.224	.240	44.5	14.2	2.3	1.42	1.47	1.39	1.15	D
132	2103	3093.1	2.81	295	336	84	13.8	208.9	1.61	1.45	60.10	3090.4	.010	1.35	1.34	21.0	24.4	.224	.238	45.6	14.6	2.3	1.48	1.47	1.39	1.15	D
133	2147	3094.0	2.61	313	359	83	13.8	208.9	1.61	1.44	60.26	3091.9	.010	1.35	1.34	21.0	25.0	.224	.237	46.6	15.2	2.4	1.50	1.47	1.39	1.15	D
134	2204	3095.0	3.44	308	350	83	14.1	210.3	1.61	1.42	60.26	3092.4	.010	1.36	1.34	21.1	25.1	.223	.235	47.6	15.5	2.4	1.44	1.47	1.39	1.15	D
135	2228	3096.0	2.51	307	337	83	12.9	210.3	1.61	1.42	60.10	3093.1	.010	1.35	1.34	21.2	25.0	.224	.236	48.6	15.9	2.5	1.47	1.47	1.39	1.15	D
136	2257	3097.0	2.07	313	347	83	13.4	210.3	1.61	1.42	59.94	3094.6	.010	1.35	1.35	21.4	24.8	.219	.239	49.6	16.4	2.5	1.54	1.47	1.39	1.15	D
137	2326	3098.0	2.18	306	345	83	13.7	209.6	1.62	1.40	59.94	3095.9	0.00	1.35	1.35	21.5	25.3	.224	.236	50.6	16.9	2.6	1.54	1.47	1.39	1.15	D
138	2356	3099.0	1.97	274	308	84	13.9	209.6	1.62	1.40	59.62	3097.0	0.00	1.35	1.35	21.6	25.4	.224	.235	51.6	17.4	2.6	1.57	1.47	1.39	1.15	D
	Date	Jan 30 '84																									
139	0039	3100.0	2.12	267	306	84	13.3	213.7	1.63	1.51	58.98	3098.4	0.00	1.37	1.36	21.6	24.4	.224	.239	52.6	18.0	2.7	1.53	1.48	1.39	1.15	D
140	0102	3101.0	2.64	256	297	83	14.2	212.4	1.64	1.50	59.46	3099.0	0.00	1.37	1.36	21.5	25.4	.226	.237	53.6	18.4	2.7	1.51	1.48	1.39	1.15	D
141	0134	3102.0	1.85	267	301	83	14.0	216.5	1.64	1.66	60.10	3099.9	0.00	1.38	1.35	21.5	25.5	.228	.237	54.6	18.9	2.7	1.57	1.48	1.40	1.15	D
142	0202	3103.0	2.20	282	329	82	14.1	218.6	1.63	1.71	60.10	3101.2	0.00	1.38	1.36	21.7	25.6	.224	.237	55.6	19.4	2.8	1.53	1.48	1.40	1.15	D
143	0236	3104.0	1.74	302	332	81	14.0	219.9	1.63	1.46	60.73	3102.2	0.00	1.39	1.38	21.5	25.8	.229	.239	56.6	19.9	2.8	1.57	1.48	1.41	1.14	D
144	0306	3105.0	2.03	293	323	82	13.9	226.1	1.63	1.50	62.48	3103.3	0.00	1.38	1.39	21.5	25.9	.226	.241	57.6	20.4	2.9	1.52	1.48	1.42	1.14	D
145	0342	3106.0	1.63	297	331	82	14.4	204.1	1.54	1.33	62.16	3104.4	0.00	1.40	1.40	21.9	25.7	.223	.241	58.6	21.0	2.9	1.59	1.48	1.42	1.14	D
146	0417	3107.0	1.74	291	335	82	13.8	201.3	1.54	1.26	61.85	3105.5	0.00	1.39	1.40	22.1	25.9	.224	.241	59.6	21.6	3.0	1.55	1.49	1.42	1.14	D
147	0450	3108.0	1.86	291	338	81	14.1	201.3	1.54	1.37	61.85	3106.4	0.00	1.39	1.39	22.1	26.0	.226	.240	60.5	22.2	3.0	1.54	1.49	1.42	1.14	D
148	0513	3109.0	2.45	251	297	83	14.4	202.7	1.54	1.30	61.69	3107.0	.020	1.39	1.39	22.2	26.2	.226	.238	61.5	22.5	3.1	1.49	1.49	1.43	1.14	D
149	0550	3110.0	3.10	227	280	100	14.5	204.8	1.54	1.44	61.21	3107.8	.010	1.39	1.39	22.1	25.2	.225	.241	62.6	23.0	3.1	1.48	1.48	1.43	1.14	D
150	0611	3111.0	2.84	208	324	98	13.9	204.8	1.54	1.53	62.64	3108.6	.070	1.39	1.40	21.9	25.7	.225	.241	63.6	23.3	3.2	1.47	1.48	1.43	1.15	D
151	0629	3112.0	3.30	215	248	113	14.0	203.4	1.55	1.50	63.44	3109.4	.070	1.39	1.40	21.8	25.6	.225	.241	64.5	23.6	3.2	1.48	1.48	1.43	1.15	D
152	0643	3113.0	2.97	224	285	113	13.8	202.0	1.55	1.53	63.28	3110.1	.060	1.39	1.39	21.9	25.4	.226	.241	65.6	24.0	3.2	1.49	1.48	1.43	1.15	D
153	0707	3114.0	3.24	299	338	111	14.1	201.3	1.55	1.44	63.28	3111.2	.070	1.40	1.39	21.9	25.9	.226	.239	66.6	24.3	3.3	1.48	1.48	1.43	1.15	D
154	0723	3115.0	2.91	302	344	111	14.3	202.0	1.55	1.54	63.12	3112.3	.080	1.40	1.39	21.9	25.8	.226	.239	67.6	24.6	3.3	1.52	1.48	1.42	1.15	D
155	0749	3116.0	2.86	305	365	111	14.5	203.4	1.54	1.40	62.64	3113.2	.090	1.39	1.38	22.0	25.2	.225	.239	68.5	25.0	3.4	1.53	1.48	1.43	1.15	D
156	0811	3117.0	2.83	307	349	110	13.5	204.8	1.54	1.44	65.03	3114.5	.090	1.39	1.39	21.8	25.6	.225	.240	69.6	25.3	3.4	1.49	1.47	1.43	1.15	D
157	0833	3118.0	2.73	310	413	114	15.1	203.4	1.54	1.52	66.62	3115.6	.090	1.38	1.39	21.8	25.4	.224	.240	70.5	25.7	3.5	1.56	1.48	1.43	1.15	D
158	0901	3119.0	2.54	337	417	96	13.3	199.3	1.55	1.48	65.98	3116.9	.080	1.39	1.39	21.8	25.8	.225	.240	71.6	26.1	3.5	1.49	1.47	1.43	1.15	D
159	0932	3120.0	2.95	308	376	90	14.7	195.1	1.53	1.51	63.91	3118.1	.090	1.39	1.40	21.8	25.2	.226	.239	72.6	26.5	3.6	1.48	1.47	1.42	1.16	D
160	0958	3121.0	2.28	318	352	89	14.3	198.6	1.53	1.31	64.07	3118.9	.080	1.40	1.38	21.8	25.1	.226	.240	73.5	26.9	3.6	1.53	1.47	1.42	1.15	D
161	1017	3122.0	3.19	317	368	93	14.7	198.6	1.53	1.31	64.39	3119.6	.080	1.39	1.38	21.8	25.3	.226	.240	74.6	27.2	3.6	1.46	1.47	1.42	1.16	D
163	1042	3123.0	2.42	316	352	89	15.3	199.9	1.53	1.30	63.59	3120.3	.100	1.39	1.39	21.7	25.8	.225	.239	75.5	27.6	3.7	1.54	1.47	1.43	1.16	D
164	1107	3124.0	2.41	321	350	89	15.2	197.2	1.53	1.23	63.28	3121.7	.080	1.40	1.39	21.8	25.7	.231	.241	76.5	28.0	3.7	1.53	1.47	1.43	1.16	D
165	1127	3125.0	2.85	329	358	89	15.3	197.2	1.54	1.70	63.28	3122.7	.090	1.40	1.40	21.9	25.8	.226	.242	77.6	28.4	3.7	1.50	1.47	1.43	1.16	D
166	1154	3126.0	2.19	323	355	89	14.4	197.2	1.53	1.66	62.96	3123.8	.090	1.39	1.39	22.0	25.7	.226	.241	78.6	28.8	3.8	1.53	1.47	1.43	1.16	D
167	1222	3127.1	2.56	304	361	88	13.7	199.9	1.57	1.67	63.59	3124.7	.080	1.39	1.39	22.0	25.6	.226	.240	79.6	29.3	3.8	1.46	1.47	1.43	1.16	D
168	1249	3128.0	2.07	310	425	86	13.9	203.4	1.55	1.58	64.71	3126.1	.070	1.38	1.40	21.9	25.8	.224	.239	80.6	29.7	3.9	1.51	1.47	1.44	1.16	D

+ Circulate while increase Mud Weight to 1.42g/cc.

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	BCD	NXBD	
Drop Survey and POOH at 3128.52m.																											
NB#18, HTC J3, 8-1/2" with 3x11 jets.																											
	Date	Jan 31 '84																									
173	0149	3129.0	2.61	222	284	92	6.14	237.9	1.50	1.47	62.80	3128.5	.010	1.42	1.42	15.3	17.8	.233	.237	.5	.4	.1	1.17	1.47	1.44	1.16	D
174	0233	3130.0	4.29	229	264	111	11.4	237.9	1.50	1.50	63.44	3128.5	.010	1.42	1.42	14.4	19.9	.233	.244	1.5	.6	.2	1.32	1.46	1.44	1.17	D
175	0216	3131.0	4.46	233	296	111	14.6	236.5	1.50	1.51	63.12	3128.5	.030	1.42	1.42	14.4	19.7	.230	.248	2.5	.8	.4	1.41	1.46	1.44	1.17	D
176	0226	3132.0	6.01	233	297	111	13.2	236.5	1.50	1.51	63.91	3128.5	.030	1.42	1.42	14.9	20.1	.229	.243	3.5	1.0	.5	1.29	1.45	1.45	1.18	D
177	0236	3133.0	6.64	233	263	111	14.1	236.5	1.50	1.58	65.34	3128.5	.050	1.42	1.42	15.3	20.2	.230	.250	4.5	1.1	.5	1.30	1.44	1.45	1.18	D
178	0246	3134.0	5.54	230	270	105	14.4	237.2	1.50	1.51	68.05	3128.6	.150	1.42	1.42	15.9	19.8	.231	.339	5.5	1.3	.6	1.33	1.44	1.45	1.19	D
179	0255	3135.0	7.10	233	269	102	14.9	238.6	1.51	1.56	67.89	3128.9	.070	1.42	1.42	16.1	20.3	.232	.265	6.5	1.5	.7	1.28	1.43	1.46	1.20	D
180	0303	3136.0	6.94	237	275	102	15.2	237.9	1.50	1.55	68.84	3129.3	.080	1.42	1.42	16.5	20.4	.233	.246	7.5	1.6	.7	1.29	1.42	1.46	1.20	D
181	0313	3137.0	6.15	237	277	102	14.5	238.6	1.51	1.50	69.95	3130.0	.100	1.42	1.40	16.8	20.6	.235	.246	8.5	1.8	.8	1.30	1.41	1.46	1.21	D
182	0322	3138.0	6.53	234	259	102	15.1	239.2	1.50	1.48	71.07	3130.8	.110	1.42	1.42	17.0	20.8	.234	.246	9.5	1.9	.9	1.30	1.40	1.45	1.22	D
183	0333	3139.0	5.73	237	272	102	15.9	240.6	1.50	1.48	1.75	3131.6	.140	1.42	1.42	17.3	21.5	.233	.245	10.5	2.1	1.0	1.36	1.40	1.45	1.22	D
184	0401	3140.0	5.75	236	267	104	15.2	233.7	1.48	1.49	.79	3133.7	.140	1.42	1.42	17.8	20.4	.230	.249	11.5	2.4	1.1	1.35	1.40	1.45	1.22	D
185	0410	3141.0	5.90	237	266	106	16.1	233.7	1.48	1.48	70.91	3134.8	.140	1.42	1.42	18.0	20.9	.227	.250	12.5	2.6	1.1	1.37	1.39	1.45	1.23	D
186	0424	3142.0	4.27	233	279	109	15.5	233.7	1.48	1.43	70.27	3136.2	.170	1.42	1.43	18.3	21.6	.226	.251	13.5	2.8	1.2	1.44	1.39	1.45	1.23	D
187	0437	3143.0	4.80	234	272	110	14.7	233.7	1.48	1.44	70.43	3137.5	.180	1.42	1.43	18.4	21.3	.227	.254	14.5	3.0	1.3	1.39	1.39	1.45	1.23	D
188	0451	3144.0	4.10	236	270	110	13.7	233.0	1.48	1.45	70.27	3138.8	.150	1.42	1.43	18.6	21.3	.227	.254	15.5	3.2	1.4	1.39	1.39	1.45	1.23	D
189	0504	3145.0	4.99	236	281	111	13.7	233.0	1.48	1.48	70.11	3139.9	.150	1.42	1.43	18.7	21.7	.228	.254	16.5	3.5	1.5	1.35	1.39	1.45	1.23	D
190	0517	3146.0	4.48	240	274	110	13.6	232.4	1.48	1.49	70.11	3141.1	.160	1.42	1.41	18.8	21.7	.229	.255	17.5	3.7	1.5	1.37	1.38	1.45	1.24	D
191	0530	3147.0	4.50	242	269	110	14.7	237.9	1.49	1.48	69.95	3142.1	.100	1.42	1.42	18.9	21.9	.230	.249	18.5	3.9	1.6	1.40	1.38	1.45	1.24	D
192	0543	3148.0	4.56	241	276	110	13.7	237.2	1.50	1.46	69.95	3143.2	.080	1.42	1.43	19.0	22.2	.230	.245	19.5	4.1	1.7	1.37	1.38	1.45	1.24	D
193	0603	3149.0	5.64	245	280	110	14.5	239.2	1.49	1.49	69.80	3144.2	.080	1.42	1.42	19.1	21.2	.230	.248	20.5	4.3	1.7	1.34	1.38	1.45	1.25	D
194	0616	3150.0	4.66	245	280	110	14.9	239.2	1.50	1.48	69.80	3145.3	.080	1.41	1.43	19.1	22.2	.230	.246	21.5	4.5	1.8	1.40	1.38	1.45	1.25	D
195	0623	3151.0	5.05	242	277	110	14.5	237.9	1.50	1.49	70.11	3146.2	.100	1.41	1.43	19.2	22.3	.229	.247	22.5	4.7	1.9	1.37	1.37	1.45	1.25	D
196	0643	3152.0	4.93	243	293	110	14.6	237.9	1.50	1.48	70.11	3147.2	.090	1.41	1.43	19.2	22.4	.229	.247	23.5	4.9	1.9	1.37	1.37	1.45	1.25	D
197	0654	3153.0	4.06	240	294	110	13.7	237.2	1.50	1.49	70.43	3148.2	.130	1.42	1.43	19.3	22.6	.228	.247	24.5	5.2	2.0	1.39	1.37	1.45	1.25	D
198	0706	3154.0	5.37	238	280	94	15.1	237.9	1.50	1.49	70.59	3148.9	.130	1.42	1.43	19.4	22.7	.228	.249	25.5	5.4	2.0	1.34	1.37	1.45	1.25	D
199	0718	3155.0	4.68	241	282	93	15.5	237.9	1.49	1.49	70.91	3149.9	.260	1.42	1.41	19.5	22.9	.228	.255	26.5	5.6	2.1	1.37	1.36	1.45	1.26	D
200	0732	3156.0	4.44	243	285	92	15.6	238.6	1.50	1.48	70.75	3151.0	.110	1.42	1.42	19.6	22.9	.229	.250	27.5	5.8	2.1	1.39	1.36	1.45	1.26	D
201	0745	3157.0	4.53	239	276	93	16.0	237.2	1.50	1.51	71.54	3152.0	.090	1.42	1.43	19.7	22.9	.229	.249	28.5	6.0	2.2	1.40	1.37	1.45	1.26	D
202	0753	3158.0	4.67	242	279	93	15.9	236.5	1.50	1.51	71.86	3153.0	.070	1.42	1.43	19.7	23.0	.229	.247	29.5	6.2	2.2	1.39	1.36	1.45	1.26	D
203	0329	3159.0	5.14	244	287	96	16.5	237.9	1.50	1.47	70.11	3154.6	.090	1.42	1.42	19.8	22.1	.229	.246	30.5	6.5	2.3	1.39	1.35	1.46	1.26	D
Circulate while check rotary torque.																											
205	0844	3160.0	5.03	289	331	93	16.3	237.9	1.50	1.49	70.11	3156.3	.070	1.42	1.42	19.8	23.0	.229	.247	31.5	6.8	2.4	1.38	1.36	1.45	1.26	D
206	0858	3161.0	4.60	242	341	94	16.2	237.2	1.50	1.48	70.11	3157.4	.100	1.42	1.42	19.8	23.0	.229	.246	32.5	7.1	2.4	1.40	1.36	1.45	1.26	D
207	0912	3162.0	4.52	238	276	94	16.1	237.2	1.50	1.49	69.95	3158.5	.110	1.42	1.43	19.9	23.4	.228	.247	33.5	7.3	2.5	1.40	1.36	1.45	1.26	D
208	0925	3163.0	4.63	238	286	94	16.4	237.2	1.50	1.49	69.95	3159.1	.080	1.42	1.43	20.0	23.4	.229	.247	34.5	7.5	2.5	1.41	1.36	1.45	1.26	D
209	0938	3164.0	4.57	238	272	94	15.9	238.6	1.50	1.48	70.11	3159.7	.040	1.42	1.42	20.1	23.0	.228	.251	35.5	7.7	2.6	1.40	1.36	1.45	1.26	D
210	0950	3165.0	4.69	240	231	94	15.0	237.9	1.50	1.49	70.11	3160.2	.080	1.42	1.43	20.1	23.2	.229	.247	36.5	7.9	2.6	1.36	1.36	1.45	1.26	D
211	1004	3166.0	4.27	238	275	94	15.1	238.6	1.50	1.50	70.27	3161.2	.090	1.42	1.43	20.2	23.3	.227	.248	37.5	8.2	2.6	1.39	1.36	1.45	1.26	D
212	1019	3167.0	4.25	237	279	94	14.8	237.9	1.50	1.50	70.11	3162.4	.080	1.41	1.43	20.2	23.5	.229	.247	38.5	8.4	2.7	1.33	1.36	1.45	1.27	D
213	1041	3168.0	4.97	238	279	95	15.6	236.5	1.50	1.50	70.27	3163.6	.070	1.41	1.43	20.2	22.8	.228	.251	39.5	8.6	2.7	1.37	1.36	1.45	1.27	D
214	1057	3169.0	3.93	242	236	96	15.6	235.8	1.49	1.49	70.11	3164.8	.080	1.42	1.43	20.2	23.1	.228	.246	40.5	8.9	2.8	1.42	1.36	1.45	1.27	D
215	1112	3170.0	3.91	239	273	96	15.7	236.5	1.49	1.48	70.11	3165.8	.090	1.41	1.43	20.2	23.4	.229	.247	41.5	9.1	2.8	1.43	1.36	1.45	1.27	D
216	1124	3171.0	4.87	249	303	95	15.8	236.5	1.50	1.50	70.11	3166.7	.100	1.42	1.43	20.2	23.4	.229	.247	42.5	9.4	2.9	1.38	1.36	1.45	1.27	D
217	1143	3172.0	3.99	243	303	95	16.4	235.8	1.49	1.50	70.11	3167.8	.090	1.42	1.43	20.2	23.4	.229	.243	43.5	9.6	2.9	1.45	1.36	1.45	1.27	D
218	1154	3173.0	4.43	235	275	96	16.0	235.1	1.49	1.50	69.95	3168.6	.100	1.42	1.43	20.3	23.7	.229	.247	44.5	9.8	3.0	1.41	1.36	1.45	1.27	D
219	1209	3174.0	3.94	234	273	96	15.0	235.8	1.50	1.50	69.80	3169.7	.080	1.42	1.43	20.4	23.6	.228	.248	45.5	10.1	3.0	1.41	1.36	1.45	1.27	D

STATOIL : 15/9-18

Data Printed at time 17:31 Date Feb 24 '84
Data Recorded at time 12:22 Date Jan 31 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXID	
220	1222	3175.0	4.57	232	270	96	15.4	235.1	1.49	1.50	69.64	3170.5	.030	1.42	1.43	20.4	23.6	.228	.247	46.5	10.3	3.1	1.39	1.36	1.45	1.27	D
221	1237	3176.0	4.02	233	275	96	15.7	236.5	1.50	1.50	69.32	3171.6	.080	1.42	1.42	20.5	23.4	.223	.249	47.5	10.6	3.1	1.43	1.36	1.45	1.27	D
222	1252	3177.0	3.91	235	279	96	15.4	236.5	1.50	1.50	69.16	3172.6	.110	1.42	1.42	20.5	23.7	.227	.247	48.5	10.8	3.2	1.42	1.36	1.45	1.27	D
223	1318	3178.0	4.36	242	282	96	16.3	233.0	1.48	1.49	68.52	3174.1	.030	1.41	1.42	20.5	23.2	.228	.245	49.5	11.1	3.2	1.42	1.36	1.45	1.27	D
224	1333	3179.1	4.44	240	293	96	15.5	233.0	1.48	1.49	68.52	3175.1	.100	1.42	1.42	20.5	23.4	.223	.248	50.5	11.3	3.2	1.39	1.36	1.45	1.27	D
225	1349	3180.0	3.41	235	281	96	15.1	233.7	1.49	1.50	68.21	3176.2	.120	1.41	1.42	20.4	23.4	.223	.248	51.5	11.6	3.3	1.44	1.36	1.45	1.27	D
226	1404	3181.0	3.92	235	274	96	15.5	233.7	1.48	1.50	68.05	3177.1	.120	1.42	1.42	20.4	23.9	.228	.245	52.5	11.8	3.3	1.43	1.36	1.45	1.27	D
227	1419	3182.0	4.06	233	280	96	15.2	233.0	1.48	1.50	67.89	3177.7	.020	1.41	1.42	20.5	23.9	.228	.246	53.5	12.1	3.4	1.41	1.36	1.45	1.27	D
228	1433	3183.0	4.19	240	293	96	15.5	233.0	1.48	1.50	67.57	3178.7	.030	1.42	1.42	20.5	24.0	.227	.249	54.5	12.3	3.4	1.41	1.36	1.45	1.27	D
229	1449	3184.0	3.69	237	290	95	14.3	234.4	1.48	1.50	67.41	3179.9	.100	1.42	1.42	20.6	24.0	.228	.246	55.5	12.6	3.5	1.40	1.36	1.45	1.27	D
230	1506	3185.0	3.61	235	276	96	14.6	233.7	1.48	1.50	67.41	3180.9	.100	1.42	1.42	20.7	24.1	.227	.246	56.5	12.9	3.5	1.42	1.36	1.45	1.27	D
231	1521	3186.0	3.83	234	276	96	15.2	234.4	1.48	1.50	67.09	3181.9	.100	1.41	1.42	20.7	24.1	.227	.247	57.5	13.1	3.5	1.42	1.37	1.45	1.27	D
232	1544	3187.0	3.93	235	271	94	15.8	233.7	1.48	1.50	67.09	3183.2	.100	1.42	1.42	20.8	23.9	.226	.247	58.5	13.4	3.6	1.43	1.37	1.45	1.27	D
233	1601	3188.0	3.54	235	278	90	16.5	233.7	1.48	1.50	66.46	3184.2	.100	1.42	1.42	20.8	23.8	.226	.245	59.5	13.7	3.6	1.46	1.37	1.45	1.27	D
234	1618	3189.0	3.50	230	267	90	15.3	234.4	1.48	1.50	66.14	3185.2	.130	1.41	1.42	20.8	24.7	.225	.244	60.5	14.0	3.7	1.43	1.37	1.45	1.27	D
235	1634	3190.0	3.65	229	271	90	15.0	234.4	1.48	1.50	66.30	3186.1	.120	1.41	1.43	20.8	24.6	.226	.246	61.5	14.3	3.7	1.41	1.37	1.45	1.27	D
236	1652	3191.0	3.28	231	281	90	15.0	234.4	1.48	1.54	66.30	3187.2	.170	1.41	1.43	20.9	24.6	.227	.247	62.5	14.6	3.8	1.44	1.37	1.45	1.27	D
237	1704	3192.0	5.14	236	296	83	18.2	235.8	1.47	1.50	66.30	3187.9	.140	1.41	1.43	21.0	24.7	.226	.246	63.5	14.7	3.8	1.41	1.37	1.45	1.27	D
238	1719	3193.0	3.90	239	294	82	18.6	234.4	1.48	1.48	66.14	3188.8	.130	1.42	1.43	21.1	25.3	.226	.243	64.5	15.0	3.8	1.43	1.37	1.45	1.26	D
239	1733	3194.0	4.27	240	278	83	18.7	235.1	1.48	1.49	66.46	3189.6	.130	1.42	1.43	21.1	25.2	.226	.245	65.5	15.2	3.9	1.46	1.37	1.45	1.26	D
240	1748	3195.0	3.90	236	281	83	18.4	235.1	1.47	1.49	66.62	3190.6	.130	1.42	1.43	21.3	25.5	.226	.244	66.5	15.5	3.9	1.48	1.37	1.45	1.26	D
241	1803	3196.0	4.05	231	271	83	17.9	234.4	1.48	1.49	66.62	3191.4	.130	1.42	1.43	21.4	25.6	.226	.244	67.5	15.7	3.9	1.45	1.38	1.45	1.26	D
242	1825	3197.0	4.30	235	289	83	18.5	237.2	1.49	1.51	66.30	3192.7	.150	1.42	1.42	21.6	25.1	.223	.244	68.5	16.0	4.0	1.45	1.38	1.45	1.26	D
243	1839	3198.0	4.10	232	282	83	17.8	236.5	1.48	1.50	66.77	3193.8	.150	1.42	1.41	21.6	25.4	.224	.245	69.5	16.2	4.0	1.45	1.38	1.45	1.26	D
244	1853	3199.0	4.32	235	270	83	18.4	237.2	1.49	1.50	66.93	3194.8	.130	1.42	1.42	21.6	25.7	.225	.244	70.5	16.5	4.0	1.45	1.38	1.45	1.26	D
245	1907	3200.0	4.63	231	393	82	17.9	237.2	1.49	1.50	67.09	3195.6	.160	1.42	1.42	21.6	25.7	.225	.245	71.5	16.7	4.1	1.41	1.38	1.45	1.26	D
246	1922	3201.0	3.93	233	279	83	17.6	236.5	1.49	1.51	67.41	3196.5	.140	1.42	1.42	21.7	25.9	.225	.244	72.5	16.9	4.1	1.45	1.38	1.45	1.26	D
247	1935	3202.0	4.62	236	278	83	18.4	237.2	1.49	1.51	67.41	3197.3	.150	1.42	1.42	21.8	26.1	.226	.245	73.5	17.2	4.1	1.43	1.38	1.46	1.26	D
248	1949	3203.0	4.14	229	400	80	18.2	237.2	1.49	1.52	67.57	3198.4	.150	1.42	1.42	21.9	26.1	.225	.243	74.5	17.4	4.2	1.44	1.38	1.46	1.26	D
249	2001	3204.0	5.16	237	278	85	19.1	236.5	1.49	1.51	67.73	3199.2	.160	1.42	1.42	22.0	26.0	.225	.243	75.5	17.6	4.2	1.43	1.38	1.46	1.26	D
250	2014	3205.0	4.66	240	280	84	19.6	237.2	1.49	1.52	67.89	3200.1	.160	1.42	1.42	22.1	26.4	.225	.242	76.5	17.8	4.2	1.46	1.38	1.46	1.26	D
251	2027	3206.0	4.50	236	280	84	18.6	236.5	1.49	1.51	68.21	3201.0	.160	1.42	1.42	22.1	26.0	.225	.245	77.5	18.0	4.3	1.44	1.38	1.46	1.26	D
252	2051	3207.0	4.46	233	274	82	18.2	237.2	1.48	1.52	68.05	3202.4	.170	1.42	1.42	22.1	25.3	.224	.244	78.5	18.3	4.3	1.43	1.38	1.46	1.26	D
253	2105	3208.0	4.34	230	263	82	18.3	236.5	1.49	1.52	68.21	3203.3	.170	1.42	1.42	22.1	26.1	.225	.243	79.5	18.5	4.3	1.44	1.38	1.46	1.26	D
254	2124	3209.0	3.08	225	257	82	18.6	235.8	1.50	1.52	68.36	3204.9	.190	1.42	1.42	22.1	26.2	.224	.244	80.5	18.8	4.4	1.53	1.38	1.46	1.26	D
255	2140	3210.0	3.82	223	254	82	17.9	235.8	1.49	1.52	68.68	3206.2	.200	1.42	1.42	22.1	26.4	.224	.244	81.5	19.1	4.4	1.46	1.38	1.46	1.26	D
256	2155	3211.0	4.06	230	267	82	18.1	235.1	1.49	1.52	68.84	3206.9	.170	1.42	1.42	22.2	26.2	.224	.244	82.5	19.3	4.4	1.45	1.38	1.46	1.26	D
257	2209	3212.0	4.01	229	262	82	18.2	235.1	1.49	1.52	69.00	3208.0	.180	1.42	1.41	22.3	26.5	.224	.245	83.5	19.6	4.5	1.45	1.38	1.46	1.26	D
258	2225	3213.0	3.77	229	269	82	18.4	235.1	1.49	1.52	69.00	3209.0	.140	1.42	1.42	22.3	26.1	.224	.243	84.5	19.9	4.5	1.47	1.39	1.46	1.26	D
259	2242	3214.0	3.57	223	264	83	18.5	235.1	1.49	1.53	69.32	3209.9	.130	1.42	1.42	22.3	26.3	.224	.243	85.5	20.1	4.5	1.49	1.39	1.46	1.26	D
260	2301	3215.0	3.29	221	269	82	19.3	235.1	1.50	1.54	69.80	3211.0	.170	1.42	1.42	22.3	26.3	.224	.243	86.5	20.4	4.6	1.53	1.39	1.46	1.25	D
261	2328	3216.0	4.10	221	251	82	18.8	233.7	1.48	1.53	69.80	3212.5	.140	1.42	1.42	22.3	26.1	.223	.245	87.5	20.8	4.6	1.46	1.39	1.46	1.25	D
262	2351	3217.0	2.63	215	244	80	17.3	235.1	1.49	1.56	69.64	3213.9	.100	1.42	1.42	22.3	26.2	.224	.241	88.5	21.1	4.7	1.52	1.39	1.46	1.25	D
	Date	Feb 1 '84																									
263	0016	3218.0	2.36	209	241	80	17.8	233.7	1.50	1.59	69.48	3215.4	.090	1.42	1.42	22.2	26.2	.224	.244	89.5	21.6	4.7	1.56	1.40	1.46	1.25	D
264	0041	3219.0	2.38	215	268	81	19.5	234.4	1.49	1.59	69.48	3216.5	.090	1.42	1.42	22.3	26.0	.225	.241	90.5	22.0	4.8	1.62	1.40	1.46	1.24	D
265	0104	3220.0	2.68	210	259	82	17.4	234.4	1.53	1.52	69.32	3217.6	.080	1.42	1.42	22.3	26.3	.224	.243	91.5	22.3	4.8	1.52	1.41	1.46	1.24	D
266	0125	3221.0	2.81	208	253	82	17.2	235.8	1.50	1.46	69.16	3218.4	.070	1.42	1.42	22.5	26.5	.224	.241	92.5	22.7	4.9	1.51	1.41	1.46	1.24	D
267	0157	3222.0	1.87	208	243	82	17.6	235.8	1.50	1.46	68.84	3219.7	.080	1.42	1.42	22.6	26.6	.224	.242	93.5	23.2	4.9	1.62	1.42	1.46	1.23	D
268	0223	3223.0	1.91	205	255	82	17.6	234.4	1.50	1.51	68.68	3221.0	.070	1.42	1.43	22.7	26.7	.225	.242	94.5	23.7	5.0	1.62	1.42	1.46	1.23	D

STATOIL : 15/9-18

Data Printed at time 17:37 Date Feb 24 '84
Data Rec[illegible] at time 03:05 Date Feb 1 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	NXB	ECD	NXID	
269	0305	3224.0	1.67	295	254	82	17.8	235.1	1.51	1.45	67.89	3222.4	.070	1.42	1.42	22.7	26.7	.224	.242	95.5	24.4	5.0	1.65	1.43	1.46	1.22	D
+ Circulate bottoms up at 3224.6m.																											
271	0502	3225.0	2.01	210	237	82	17.7	239.2	1.50	1.53	67.25	3224.6	.040	1.42	1.43	24.5	29.1	.223	.248	96.5	24.9	5.1	1.61	1.43	1.46	1.22	D
272	0534	3226.0	1.84	239	245	76	17.3	236.5	1.50	1.43	66.62	3224.6	.030	1.42	1.43	24.6	28.2	.224	.238	97.5	25.4	5.1	1.60	1.44	1.46	1.22	D
273	0607	3227.0	1.76	207	235	73	20.2	237.9	1.49	1.53	68.21	3224.6	.040	1.42	1.43	24.3	28.4	.221	.242	98.5	26.0	5.2	1.69	1.45	1.46	1.21	D
274	0636	3228.0	2.12	208	239	73	20.1	235.8	1.49	1.52	68.52	3225.1	.070	1.42	1.43	24.2	28.4	.223	.243	99.5	26.4	5.3	1.64	1.45	1.46	1.20	D
275	0706	3229.0	1.86	209	234	73	20.0	234.4	1.49	1.50	68.21	3226.2	.050	1.42	1.43	24.3	28.4	.223	.243	100	26.9	5.3	1.67	1.46	1.46	1.20	D
276	0739	3230.0	1.80	204	234	72	20.0	235.8	1.50	1.49	68.05	3227.5	.070	1.42	1.43	24.4	28.3	.222	.240	101	27.5	5.4	1.67	1.47	1.46	1.19	D
+ Circulate bottoms up, drop survey and POOH with NB#18 at 3230m.																											
+ NB#19, CHRIS C22, 8-1/2". Cut Core #3.																											
281	2243	3231.0	2.20	231	383	96	4.33	103.9	1.21	1.34	74.25	3230.0	.020	1.42	1.42	17.9	20.3	.220	.244	1.0	.5	.0	1.10	1.43	1.44	1.19	D
283	2315	3232.0	1.85	371	414	119	9.43	103.9	1.22	1.32	73.93	3230.0	.010	1.42	1.42	18.2	19.5	.220	.243	2.0	1.0	.0	1.42	1.43	1.45	1.19	D
284	2345	3233.0	2.04	376	422	118	9.52	108.9	1.22	1.28	73.93	3230.4	.030	1.42	1.42	18.1	19.3	.222	.245	3.0	1.5	.0	1.40	1.43	1.45	1.19	D
	Date	Feb 2 '84																									
285	0013	3234.0	2.10	357	413	119	10.0	109.6	1.21	1.34	74.41	3231.1	.050	1.42	1.42	17.9	19.4	.222	.242	3.9	2.0	.0	1.42	1.43	1.45	1.19	D
286	0045	3235.0	1.85	355	421	119	10.1	109.6	1.21	1.31	75.04	3232.1	.030	1.41	1.41	17.9	19.5	.221	.241	5.0	2.5	.0	1.45	1.43	1.45	1.19	D
287	0108	3236.0	2.62	400	429	116	9.88	111.7	1.22	1.35	74.89	3232.9	.040	1.42	1.42	17.9	19.5	.220	.241	6.0	2.9	.0	1.36	1.43	1.45	1.19	D
288	0125	3237.0	3.67	408	430	114	8.79	111.0	1.21	1.34	74.72	3233.4	.030	1.42	1.42	17.8	19.4	.220	.242	7.0	3.2	.0	1.25	1.42	1.45	1.20	D
289	0140	3238.1	4.28	399	429	116	8.12	110.3	1.22	1.25	74.57	3234.0	.030	1.42	1.42	17.8	19.4	.220	.242	8.0	3.4	.0	1.20	1.41	1.45	1.20	D
290	0203	3239.0	2.41	408	429	114	8.44	110.3	1.21	1.25	74.25	3234.8	.030	1.42	1.42	17.8	19.3	.221	.243	9.0	3.8	.0	1.32	1.41	1.45	1.21	D
291	0225	3240.1	2.80	382	429	115	7.94	109.6	1.22	1.13	74.09	3235.5	.040	1.42	1.41	17.8	19.2	.220	.242	10.0	4.2	.0	1.27	1.41	1.45	1.21	D
292	0250	3241.0	2.11	414	429	113	8.61	111.7	1.21	1.15	73.77	3237.0	.060	1.42	1.41	17.7	19.2	.221	.241	11.0	4.6	.0	1.35	1.41	1.45	1.21	D
293	0312	3242.0	12.2	341	430	97	8.08	106.9	1.21	1.11	73.29	3237.7	.050	1.42	1.42	17.7	18.2	.220	.246	12.0	4.7	.0	.96	1.41	1.45	1.21	D
294	0320	3243.0	7.43	373	430	110	7.16	112.4	1.22	1.13	73.13	3238.3	.080	1.41	1.42	17.7	17.6	.220	.244	13.0	4.8	.0	1.04	1.41	1.45	1.21	D
295	0330	3244.0	6.11	362	445	113	8.82	113.8	1.21	1.17	73.13	3238.6	.050	1.42	1.43	17.7	19.4	.220	.240	13.9	4.9	.0	1.14	1.40	1.45	1.22	D
296	0344	3245.0	4.17	368	434	115	9.35	111.0	1.22	1.19	72.98	3239.4	.050	1.42	1.43	17.6	19.3	.220	.242	15.0	5.2	.0	1.24	1.39	1.45	1.22	D
297	0410	3246.0	2.39	400	444	111	9.85	110.3	1.21	1.20	72.82	3240.4	.030	1.42	1.44	17.6	19.4	.220	.241	16.0	5.6	.0	1.37	1.39	1.45	1.22	D
298	0456	3247.0	1.27	441	444	111	9.80	110.3	1.22	1.24	72.02	3243.9	.410	1.42	1.41	17.6	19.0	.219	.249	17.0	6.4	.0	1.49	1.40	1.45	1.22	D
299	0546	3248.0	1.25	446	502	112	9.26	110.3	1.21	1.22	70.91	3246.1	.020	1.42	1.43	17.6	18.9	.219	.242	18.0	7.2	.0	1.48	1.40	1.45	1.22	D
+ POOH at 3243m to retrieve Core #3 (100% recovery)																											
RIH with RRB#19 CHRIS C22, 8-1/2".																											
304	1544	3249.1	3.32	234	391	88	5.49	111.7	1.20	1.31	70.27	3248.0	.020	1.42	1.44	12.0	16.5	.226	.246	.4	.4	.0	1.07	1.40	1.45	1.22	D
305	1552	3250.1	3.89	293	399	119	9.41	111.0	1.20	1.25	70.27	3248.0	.030	1.42	1.44	12.1	16.5	.225	.245	1.4	.6	.0	1.27	1.40	1.45	1.22	D
306	1617	3251.1	2.42	281	410	120	8.81	108.9	1.21	1.29	70.43	3248.0	.220	1.43	1.45	13.1	16.5	.224	.248	2.4	1.0	.0	1.34	1.39	1.45	1.23	D
307	1659	3252.0	1.24	294	396	120	8.49	109.6	1.21	1.28	69.95	3248.9	.110	1.43	1.42	14.5	16.7	.221	.247	3.4	1.7	.0	1.45	1.40	1.46	1.22	D
308	1732	3253.0	1.81	421	452	114	8.76	110.3	1.20	1.29	69.48	3250.3	.010	1.43	1.43	15.2	17.3	.222	.244	4.4	2.2	.0	1.38	1.39	1.46	1.23	D
309	1805	3254.0	1.83	412	470	115	9.84	112.4	1.20	1.25	69.64	3251.5	0.00	1.42	1.43	15.6	17.5	.222	.244	5.4	2.8	.0	1.42	1.40	1.46	1.22	D
310	1841	3255.0	1.66	373	444	90	9.48	111.0	1.21	1.31	69.00	3252.4	.010	1.42	1.42	15.9	18.4	.223	.242	6.4	3.4	.0	1.38	1.40	1.46	1.23	D
311	1923	3256.0	1.58	374	448	91	9.37	103.9	1.21	1.31	68.21	3253.4	.020	1.42	1.43	16.5	18.9	.222	.242	7.4	4.0	.0	1.39	1.40	1.46	1.23	D
312	1942	3257.0	2.30	368	447	92	8.61	109.6	1.20	1.28	67.89	3254.2	.010	1.42	1.42	16.8	18.6	.222	.243	8.4	4.4	.0	1.25	1.39	1.46	1.23	D
313	2026	3258.0	1.28	385	444	91	9.25	110.3	1.21	1.15	67.73	3255.3	0.00	1.42	1.43	17.1	19.0	.222	.243	9.4	5.1	.0	1.43	1.39	1.45	1.23	D
314	2111	3259.0	1.93	333	435	95	9.48	111.7	1.22	1.20	67.41	3256.6	.010	1.42	1.43	17.3	18.5	.223	.242	10.4	5.7	.0	1.36	1.39	1.45	1.23	D
315	2156	3260.0	1.36	332	429	96	10.4	112.4	1.22	1.23	66.93	3257.9	0.00	1.42	1.43	17.2	19.4	.223	.243	11.4	6.4	.0	1.47	1.40	1.45	1.23	D
316	2232	3261.0	1.56	337	440	95	10.3	113.8	1.22	1.20	66.77	3258.8	.010	1.42	1.43	17.3	19.5	.224	.244	12.4	7.0	.0	1.44	1.40	1.45	1.22	D
317	2259	3262.0	2.21	393	453	95	11.6	113.1	1.23	1.21	66.30	3259.4	0.00	1.42	1.42	17.5	19.5	.222	.243	13.4	7.5	.0	1.42	1.40	1.45	1.22	D
318	2334	3263.0	1.63	394	453	95	10.9	113.1	1.22	1.08	65.98	3260.4	0.00	1.42	1.42	17.7	19.6	.222	.244	14.4	8.0	.0	1.45	1.40	1.45	1.22	D
	Date	Feb 3 '84																									
319	0013	3264.0	1.54	395	453	95	11.1	113.1	1.22	1.19	65.98	3261.5	0.00	1.42	1.42	17.7	19.6	.223	.244	15.4	8.7	.0	1.47	1.40	1.45	1.22	D
320	0049	3265.0	1.70	392	456	94	10.1	112.4	1.22	1.20	65.98	3262.7	.010	1.42	1.42	17.7	19.8	.224	.244	16.4	9.3	.0	1.41	1.41	1.45	1.22	D
321	0103	3266.0	4.39	404	453	91	9.17	113.1	1.22	1.22	66.46	3263.0	0.00	1.42	1.43	17.8	19.8	.223	.242	17.4	9.5	.0	1.18	1.40	1.45	1.22	D

STATOIL : 15/9-18

Data Printed at time 17:43 Date Feb 24 '84
Data Rec at time 01:30 Date Feb 3 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD FLOW IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	NXB	ECD	NAMD	
322	0130	3267.0	2.15	376	435	92	9.30	113.8	1.23	1.21	68.05	3263.7	0.00	1.42	1.43	17.8	19.7	.224	.243	18.4	10.0	.0	1.33	1.40	1.45	1.23	D
+ POOH with RRB#19 to retrieve Core#4 (100% recovery).																											
RIH with NB#20 Security S44F. 8-1/2". Jets 12:12:12.																											
328	1205	3268.0	10.7	246	295	95	9.96	206.2	1.52	1.50	56.92	3267.0	0.00	1.42	1.42	13.4	11.4	.233	.235	.9	.2	0.0	1.04	1.40	1.45	1.23	D
329	1209	3269.0	16.2	282	453	93	15.2	205.5	1.52	1.51	56.92	3267.0	.010	1.42	1.42	13.1	13.5	.234	.231	2.0	.2	.1	1.08	1.40	1.45	1.23	D
330	1219	3270.0	6.63	286	453	96	13.7	206.2	1.53	1.51	57.87	3267.0	0.00	1.42	1.42	12.1	17.3	.236	.238	3.0	.4	.3	1.25	1.40	1.45	1.23	D
331	1226	3271.0	8.70	299	450	98	15.7	206.2	1.53	1.52	57.71	3267.0	0.00	1.42	1.42	11.8	17.6	.234	.243	4.0	.5	.4	1.25	1.39	1.45	1.23	D
332	1234	3272.0	7.08	289	373	93	14.6	204.8	1.53	1.53	57.87	3267.0	0.00	1.42	1.42	12.1	18.0	.233	.243	5.0	.7	.6	1.26	1.39	1.45	1.24	D
333	1243	3273.0	9.33	290	362	97	14.4	207.5	1.53	1.53	57.71	3267.0	0.00	1.43	1.42	12.8	18.0	.230	.245	6.0	.8	.7	1.19	1.38	1.46	1.24	D
334	1253	3274.0	11.0	300	351	95	15.1	206.8	1.54	1.54	57.55	3267.0	.040	1.43	1.42	13.1	17.5	.230	.248	7.0	.9	.8	1.16	1.38	1.46	1.25	D
335	1258	3275.0	13.7	339	453	92	15.4	206.8	1.53	1.53	57.55	3267.0	.220	1.44	1.42	13.5	18.3	.229	.244	8.0	.9	.9	1.11	1.37	1.46	1.25	D
336	1306	3276.0	9.53	309	453	89	12.3	206.2	1.53	1.55	57.87	3267.0	.060	1.42	1.42	14.2	18.9	.228	.245	9.0	1.1	1.0	1.10	1.36	1.46	1.26	D
337	1311	3277.0	11.6	245	299	93	10.1	206.8	1.53	1.49	57.71	3267.0	.040	1.42	1.42	14.4	19.1	.228	.245	10.0	1.1	1.1	1.01	1.36	1.46	1.26	D
338	1320	3278.0	6.47	267	375	93	13.7	206.8	1.53	1.51	57.55	3268.5	.100	1.42	1.41	15.0	19.2	.227	.261	11.0	1.3	1.2	1.23	1.36	1.47	1.27	D
339	1328	3279.0	7.87	259	323	93	16.8	207.5	1.53	1.52	57.39	3269.3	.220	1.42	1.42	15.4	19.7	.228	.255	12.0	1.4	1.4	1.27	1.35	1.47	1.27	D
340	1332	3280.0	16.2	283	369	92	17.3	206.8	1.53	1.51	57.39	3270.0	.060	1.42	1.43	15.7	19.9	.227	.248	13.0	1.5	1.4	1.11	1.34	1.47	1.23	D
341	1339	3281.0	8.50	258	309	93	17.6	207.5	1.53	1.52	57.24	3271.0	.020	1.42	1.44	15.9	20.1	.228	.245	14.0	1.6	1.6	1.27	1.34	1.47	1.23	D
342	1343	3282.0	15.2	252	309	93	17.4	206.8	1.53	1.53	57.24	3271.4	.010	1.42	1.44	16.2	20.2	.228	.244	15.0	1.7	1.6	1.13	1.33	1.47	1.29	D
343	1344	3283.0	10.0	237	291	93	19.4	203.4	1.53	1.52	57.24	3271.5	.010	1.42	1.44	16.2	20.2	.228	.244	21.0	1.7	1.6	1.28	1.33	1.47	1.29	D
344	1403	3284.0	5.92	263	333	92	18.6	206.8	1.54	1.51	56.92	3273.9	.010	1.42	1.45	16.9	19.7	.229	.244	17.0	1.9	1.8	1.39	1.33	1.47	1.29	D
345	1417	3285.0	6.94	251	334	92	18.1	207.5	1.53	1.51	56.44	3275.8	.040	1.42	1.42	17.1	20.6	.227	.244	18.0	2.0	2.0	1.34	1.33	1.47	1.29	D
346	1429	3286.0	4.93	247	306	93	14.1	208.2	1.53	1.53	56.28	3277.8	.050	1.42	1.42	17.4	21.2	.228	.244	19.0	2.2	2.1	1.31	1.33	1.47	1.29	D
347	1440	3287.0	5.59	271	307	92	15.1	207.5	1.53	1.52	56.60	3278.7	.010	1.42	1.42	17.7	21.5	.227	.244	20.0	2.4	2.3	1.31	1.33	1.46	1.30	D
348	1503	3283.0	2.56	263	329	92	15.3	206.8	1.54	1.51	61.85	3283.0	.410	1.42	1.41	18.1	22.1	.231	.245	21.0	2.8	2.6	1.50	1.33	1.46	1.29	D
349	1544	3289.0	1.46	273	358	92	15.3	206.8	1.53	1.50	61.53	3286.8	.060	1.42	1.42	18.9	22.4	.228	.244	22.0	3.5	3.0	1.63	1.34	1.46	1.29	D
350	1559	3290.0	4.12	291	363	91	14.5	208.2	1.54	1.53	60.89	3287.6	.030	1.42	1.42	19.2	22.6	.226	.242	23.0	3.7	3.2	1.36	1.34	1.46	1.29	D
351	1610	3291.0	5.41	299	342	83	17.8	206.8	1.53	1.53	61.05	3288.0	.030	1.42	1.43	19.4	22.9	.226	.240	24.0	3.9	3.3	1.37	1.34	1.46	1.29	D
352	1618	3292.0	7.50	307	418	83	19.6	207.5	1.54	1.53	61.05	3288.3	.030	1.42	1.43	19.5	23.1	.225	.239	25.0	4.0	3.4	1.33	1.34	1.46	1.29	D
353	1626	3293.0	7.42	303	361	80	19.8	207.5	1.54	1.54	61.21	3288.5	.020	1.42	1.42	19.6	23.3	.225	.241	26.0	4.2	3.5	1.34	1.33	1.46	1.29	D
354	1641	3294.0	12.0	283	341	80	20.0	208.2	1.53	1.55	60.26	3288.7	.020	1.42	1.42	19.7	23.3	.225	.244	27.0	4.3	3.6	1.22	1.33	1.46	1.30	D
355	1647	3295.0	9.29	286	366	84	19.8	208.9	1.54	1.55	60.89	3288.8	.040	1.42	1.42	19.7	22.1	.226	.248	28.0	4.4	3.6	1.29	1.33	1.46	1.30	D
356	1652	3296.0	13.9	273	351	84	18.5	208.2	1.53	1.54	61.05	3288.9	.040	1.42	1.42	19.8	22.7	.226	.246	29.0	4.5	3.7	1.16	1.32	1.46	1.31	D
357	1706	3297.0	4.06	255	323	84	19.0	208.2	1.53	1.53	61.21	3289.4	.040	1.42	1.42	19.9	23.7	.227	.243	30.0	4.7	3.8	1.47	1.32	1.46	1.31	D
358	1747	3298.0	1.45	240	305	35	19.3	210.3	1.54	1.55	65.66	3293.6	.060	1.42	1.43	20.0	24.1	.235	.241	31.0	5.4	4.3	1.74	1.32	1.46	1.31	D
359	1755	3299.0	7.69	284	332	83	18.9	209.6	1.54	1.55	65.82	3295.0	.140	1.42	1.43	20.1	24.2	.234	.241	32.0	5.5	4.4	1.31	1.32	1.46	1.31	D
360	1804	3300.0	6.67	311	352	83	19.5	203.9	1.53	1.54	65.98	3296.5	.130	1.42	1.42	20.3	24.4	.232	.244	33.0	5.7	4.5	1.36	1.32	1.46	1.31	D
361	1815	3301.0	5.59	290	355	83	19.1	206.8	1.53	1.54	65.82	3297.0	.050	1.42	1.43	20.5	24.7	.231	.240	34.0	5.8	4.6	1.40	1.32	1.46	1.31	D
362	1819	3302.0	12.6	314	384	83	19.1	206.8	1.53	1.53	65.82	3297.1	.050	1.42	1.43	20.6	25.0	.228	.239	35.0	5.9	4.6	1.19	1.31	1.46	1.32	D
363	1841	3303.0	4.75	305	401	82	19.7	207.5	1.54	1.55	65.34	3297.7	.050	1.42	1.43	20.7	23.2	.227	.245	36.0	6.2	4.8	1.45	1.31	1.46	1.31	D
364	1855	3304.0	4.26	313	399	82	19.6	206.8	1.54	1.54	65.50	3297.8	.040	1.42	1.43	20.9	24.6	.227	.244	37.0	6.4	4.9	1.43	1.32	1.46	1.31	D
365	1923	3305.0	2.10	300	399	85	17.7	207.5	1.54	1.54	65.50	3300.6	.090	1.42	1.43	21.0	25.2	.227	.252	38.0	6.9	5.1	1.60	1.32	1.46	1.31	D
366	1941	3306.0	3.50	279	317	85	17.4	207.5	1.53	1.56	65.34	3302.5	.070	1.42	1.43	21.2	25.3	.230	.249	39.0	7.1	5.3	1.47	1.32	1.46	1.30	D
367	1948	3307.0	8.26	292	329	85	17.4	208.2	1.54	1.41	65.34	3302.9	.080	1.42	1.43	21.2	25.3	.232	.248	40.0	7.3	5.3	1.25	1.32	1.46	1.31	D
368	2004	3308.0	3.79	296	375	85	17.7	208.2	1.54	1.51	65.34	3304.1	.080	1.42	1.42	21.4	25.7	.233	.248	41.0	7.5	5.5	1.46	1.32	1.45	1.31	D
369	2012	3309.0	7.79	289	381	85	16.9	208.2	1.53	1.53	65.34	3304.2	.080	1.42	1.43	21.5	25.5	.233	.245	42.0	7.7	5.5	1.29	1.32	1.46	1.31	D
370	2025	3310.0	4.54	303	452	84	16.9	207.5	1.54	1.53	65.34	3304.6	.150	1.42	1.43	21.6	26.0	.234	.243	43.0	7.9	5.6	1.39	1.32	1.46	1.31	D
371	2042	3311.0	3.50	278	328	85	17.5	207.5	1.54	1.54	65.34	3305.7	.110	1.42	1.43	21.8	25.7	.231	.244	44.0	8.2	5.8	1.47	1.32	1.46	1.31	D
372	2135	3312.0	3.71	278	337	84	17.8	208.2	1.54	1.56	64.39	3307.3	.060	1.42	1.43	21.9	25.7	.231	.247	45.0	8.5	5.9	1.47	1.32	1.45	1.31	D
373	2125	3313.0	2.95	291	451	82	19.0	207.5	1.54	1.54	64.87	3309.1	.090	1.42	1.42	22.0	25.9	.230	.249	46.0	8.8	6.1	1.56	1.33	1.45	1.30	D
374	2148	3314.0	2.60	277	333	83	18.6	208.2	1.54	1.55	65.66	3310.7	.070	1.42	1.42	22.0	26.4	.231	.250	47.0	9.2	6.2	1.53	1.33	1.45	1.30	D

STATOIL : 15/9-18

Data Printed at time 17:49 Date Feb 24 '84
Data Rec at time 22:04 Date Feb 3 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	MXB	ECD	MWD
375	2204	3315.0	3.84	286	345	83	18.7	208.2	1.54	1.56	65.66	3311.5	.100	1.42	1.42	22.1	26.8	.232	.248	48.0	9.4	6.4	1.49	1.33	1.45	1.30 D
376	2219	3316.0	3.78	290	352	83	19.8	208.2	1.54	1.53	65.50	3312.3	.070	1.42	1.42	22.3	26.7	.232	.247	49.0	9.7	6.5	1.50	1.34	1.45	1.30 D
377	2255	3317.0	1.68	254	283	84	18.6	208.2	1.54	1.55	65.66	3313.6	.090	1.42	1.42	22.6	26.8	.232	.247	50.0	10.3	6.7	1.69	1.34	1.45	1.29 D
378	2323	3318.0	2.19	269	320	83	19.5	207.5	1.54	1.54	65.50	3315.9	.070	1.42	1.42	22.8	27.4	.233	.247	51.0	10.8	7.0	1.65	1.35	1.45	1.28 D
379	2337	3319.0	4.12	299	353	83	18.3	206.8	1.54	1.56	65.50	3316.2	.050	1.42	1.42	22.8	27.2	.233	.249	52.0	11.0	7.1	1.46	1.35	1.45	1.28 D
380	2358	3320.0	2.78	298	364	82	18.2	207.5	1.54	1.57	65.34	3316.9	.040	1.42	1.42	22.9	27.1	.233	.251	53.0	11.4	7.2	1.55	1.35	1.45	1.28 D
	Date	Feb 4 '84																								
382	0043	3321.0	1.35	293	345	83	18.3	211.0	1.55	1.54	67.89	3318.9	.070	1.42	1.42	22.8	26.9	.239	.250	54.0	12.1	7.5	1.73	1.36	1.45	1.27 D
383	0138	3322.0	1.39	288	339	83	18.1	209.2	1.54	1.57	67.09	3320.7	.060	1.42	1.42	22.8	27.5	.233	.248	55.0	12.9	7.8	1.72	1.37	1.45	1.26 D
+ NB#22 HTC J4, 8.5" w/ 12:12:12 jets.																										
	Date	Feb 10 '83																								
387	0913	3322.0	5.63	243	282	76	7.11	207.5	1.52	1.10	85.54	3321.0	.020	1.42	1.42	16.3	21.2	.226	.248	1.0	.2	0.0	1.02	1.37	1.46	1.26 D
388	0922	3323.0	7.12	238	277	76	8.68	206.8	1.52	.998	85.69	3321.0	.020	1.42	1.42	16.1	22.4	.227	.248	2.0	.3	.1	1.03	1.37	1.47	1.26 D
389	0930	3324.0	6.85	246	288	84	11.1	206.2	1.52	.938	85.85	3321.0	.030	1.42	1.42	16.1	22.3	.226	.254	3.0	.5	.2	1.13	1.37	1.45	1.27 D
390	0941	3325.0	5.72	244	298	84	13.6	204.8	1.51	1.04	85.85	3321.0	.150	1.42	1.42	16.3	22.4	.226	.258	4.0	.6	.4	1.24	1.36	1.45	1.27 D
391	0950	3326.0	6.62	285	358	83	17.3	204.1	1.52	1.78	86.97	3321.0	.160	1.42	1.42	17.0	23.8	.227	.272	5.0	.8	.5	1.30	1.36	1.45	1.28 D
392	1003	3327.0	5.81	290	358	93	17.7	203.4	1.51	.982	87.20	3321.0	.120	1.42	1.42	17.6	23.6	.229	.260	6.0	1.0	.7	1.36	1.36	1.45	1.28 D
393	1010	3328.0	5.63	281	356	93	17.5	203.4	1.52	1.06	86.97	3321.0	.100	1.42	1.42	18.0	23.4	.229	.257	7.0	1.1	.9	1.35	1.36	1.45	1.28 D
394	1022	3329.0	5.41	278	354	93	17.3	204.1	1.51	.986	87.13	3321.8	.160	1.42	1.42	18.4	23.3	.228	.260	8.0	1.3	1.1	1.35	1.36	1.45	1.28 D
395	1033	3330.0	6.87	259	351	96	17.3	204.8	1.52	.965	87.13	3322.7	.080	1.42	1.42	18.8	24.1	.227	.247	9.0	1.5	1.3	1.30	1.35	1.45	1.28 D
396	1039	3331.0	6.44	271	355	96	17.4	203.4	1.52	1.01	86.97	3323.9	.080	1.42	1.42	19.1	24.2	.227	.247	10.0	1.6	1.4	1.32	1.35	1.45	1.28 D
397	1113	3332.0	5.02	260	355	91	15.5	204.1	1.53	1.01	86.65	3326.0	.110	1.42	1.42	19.7	24.6	.227	.246	11.0	1.9	1.6	1.32	1.35	1.45	1.29 D
398	1125	3333.0	4.21	254	316	92	14.8	202.7	1.53	.954	86.81	3327.3	.110	1.42	1.42	20.0	24.9	.227	.248	12.0	2.1	1.8	1.34	1.35	1.45	1.29 D
399	1141	3334.0	3.71	261	324	91	14.8	203.4	1.52	.925	86.65	3328.7	.110	1.42	1.42	20.4	25.1	.227	.251	13.0	2.4	2.0	1.37	1.35	1.45	1.29 D-
401	1143	3335.0	4.29	257	310	91	14.8	203.4	1.53	1.00	86.65	3329.8	.100	1.42	1.42	20.6	25.1	.227	.251	14.0	2.5	2.1	1.34	1.34	1.45	1.29 D
402	1205	3336.0	3.58	253	334	92	14.9	202.7	1.52	.928	86.01	3331.3	.110	1.42	1.42	20.8	25.2	.227	.252	15.0	2.8	2.3	1.38	1.34	1.45	1.29 D
403	1222	3337.0	3.61	264	348	91	16.6	203.4	1.52	.957	86.01	3332.3	.090	1.42	1.42	21.1	25.4	.227	.247	16.0	3.0	2.5	1.43	1.34	1.45	1.30 D
404	1243	3338.0	2.27	231	323	92	17.3	203.4	1.53	.918	85.85	3334.3	.100	1.42	1.42	21.5	26.2	.228	.244	17.0	3.5	2.8	1.56	1.35	1.45	1.29 D
405	1302	3339.0	4.46	245	347	92	17.1	204.1	1.53	1.48	85.69	3335.4	.110	1.42	1.42	21.6	26.4	.228	.246	18.0	3.7	2.9	1.40	1.34	1.45	1.29 D
406	1321	3340.0	3.12	245	331	92	17.1	202.7	1.52	1.27	86.17	3336.6	.110	1.42	1.42	21.9	26.8	.228	.245	19.0	4.0	3.2	1.48	1.34	1.45	1.29 D
407	1337	3341.0	3.68	241	325	92	17.1	204.1	1.53	1.28	87.13	3337.4	.100	1.42	1.42	22.1	26.9	.230	.247	20.0	4.3	3.3	1.44	1.34	1.45	1.29 D
408	1412	3342.0	2.62	230	260	96	16.5	204.8	1.53	1.43	88.24	3338.9	.100	1.42	1.42	22.4	27.1	.232	.246	21.0	4.7	3.5	1.51	1.35	1.45	1.29 D
409	1441	3343.0	2.11	229	336	99	16.3	204.8	1.53	1.27	88.97	3340.6	.120	1.42	1.42	22.6	27.3	.233	.247	22.0	5.2	3.7	1.58	1.35	1.45	1.29 D
410	1452	3344.0	5.38	245	350	93	15.7	203.4	1.52	1.27	88.71	3341.2	.100	1.42	1.42	22.7	27.4	.232	.247	23.0	5.4	3.8	1.35	1.34	1.45	1.30 D
411	1504	3345.0	4.86	226	252	99	15.6	204.8	1.53	1.24	88.71	3341.6	.120	1.42	1.42	22.8	27.4	.230	.247	24.0	5.6	3.8	1.38	1.34	1.45	1.30 D
	Date	Feb 10 '84																								
412	1535	3346.0	1.97	216	243	99	16.0	204.1	1.53	1.23	88.87	3342.8	.120	1.42	1.42	23.0	27.9	.230	.250	25.0	6.1	4.1	1.62	1.34	1.46	1.30 D
413	1606	3347.0	1.91	231	283	99	16.6	204.1	1.53	1.32	90.46	3344.7	.150	1.42	1.42	23.1	28.0	.233	.252	26.0	6.6	4.3	1.65	1.35	1.46	1.29 D
414	1633	3348.0	1.86	226	252	99	16.3	205.5	1.53	1.45	92.05	3346.1	.190	1.42	1.42	23.4	28.3	.235	.249	27.0	7.1	4.5	1.65	1.35	1.46	1.29 D
415	1712	3349.0	1.79	229	274	99	16.3	204.1	1.53	1.25	91.89	3347.2	.120	1.42	1.42	23.7	28.8	.235	.249	28.0	7.7	4.7	1.65	1.35	1.46	1.29 D
416	1741	3350.0	2.09	227	260	99	16.9	203.4	1.53	1.26	91.58	3348.0	.120	1.42	1.42	23.9	28.9	.233	.251	29.0	8.2	4.9	1.63	1.36	1.46	1.23 D
417	1820	3351.0	1.52	229	258	99	17.0	204.1	1.53	1.34	92.05	3349.2	.120	1.42	1.42	24.1	29.6	.236	.253	30.0	8.8	5.1	1.72	1.36	1.46	1.23 D
418	1905	3352.0	2.18	232	282	93	16.6	204.1	1.53	1.26	71.54	3350.4	.130	1.42	1.42	24.1	29.0	.243	.252	31.0	9.4	5.4	1.61	1.36	1.45	1.23 D
419	1937	3353.0	1.89	224	268	92	17.2	204.1	1.53	1.31	72.82	3351.3	.150	1.42	1.42	24.2	29.7	.244	.248	32.0	10.0	5.5	1.65	1.37	1.45	1.23 D
420	2012	3354.0	1.69	229	260	88	13.6	202.7	1.52	1.17	73.93	3352.1	.170	1.42	1.42	24.5	30.2	.241	.255	33.0	10.6	5.7	1.72	1.37	1.46	1.27 D
421	2037	3355.0	2.49	215	255	88	18.5	204.1	1.53	1.22	76.00	3352.7	.150	1.42	1.42	24.6	30.2	.245	.260	34.0	11.0	5.9	1.62	1.37	1.46	1.27 D
422	2047	3356.0	5.35	224	275	88	18.0	202.7	1.52	1.15	77.11	3353.2	.150	1.42	1.42	24.6	30.1	.247	.260	35.0	11.1	5.9	1.39	1.37	1.46	1.28 D
423	2113	3357.0	2.21	229	256	83	18.6	204.8	1.53	1.19	79.33	3353.9	.150	1.42	1.42	24.7	30.6	.251	.262	36.0	11.6	6.0	1.65	1.37	1.46	1.28 D
424	2146	3358.0	1.79	228	264	93	18.6	203.6	1.52	1.23	79.65	3355.2	.100	1.42	1.42	25.1	30.1	.249	.257	37.0	12.1	6.2	1.70	1.37	1.46	1.27 D
425	2221	3359.0	1.76	232	253	93	18.4	202.7	1.53	1.19	79.18	3357.1	.140	1.42	1.42	25.3	30.8	.245	.263	38.0	12.7	6.4	1.70	1.37	1.46	1.27 D

STATOIL : 15/9-18

Data Printed at time 17:55 Date Feb 24 '84
Data Recorded at time 23:04 Date Feb 10 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TW	DXC	DXB	BCD	DXCD	
426	2334	3360.0	1.39	219	248	88	18.2	204.8	1.52	1.19	78.86	3358.4	.150	1.42	1.42	25.6	31.2	.246	.269	39.0	13.4	6.6	1.75	1.33	1.45	1.27	D
	Date	Feb 11 '84																									
428	0005	3361.0	1.33	217	250	87	19.3	203.4	1.52	1.18	78.86	3359.9	.130	1.42	1.42	25.8	31.2	.250	.258	40.0	14.3	6.8	1.80	1.33	1.45	1.26	D↑
429	0051	3362.0	1.32	212	242	85	21.3	202.0	1.52	1.13	79.65	3360.8	.130	1.42	1.42	26.0	31.9	.249	.264	41.0	15.1	7.1	1.86	1.39	1.45	1.26	D
+ Circulate Bottoms up and POOH at 3362m.																											
+ POOH at 3362 with NB#22. Bit drilled 41m in 15.7 drilling hours.																											
RIH with NB#23. HTC J22 8-1/2". Jets 12:12:12.																											
436	1336	3363.0	4.87	243	301	62	11.7	204.1	1.51	1.09	74.09	3362.0	.050	1.42	1.42	20.9	17.6	.251	.252	1.0	.2	.0	1.17	1.39	1.46	1.26	D
437	1352	3364.0	3.72	269	317	61	18.6	205.5	1.51	1.11	74.09	3362.0	.060	1.42	1.42	18.8	26.2	.252	.264	2.0	.5	.0	1.42	1.39	1.46	1.26	D
438	1414	3365.0	2.70	263	328	61	20.2	207.5	1.51	1.03	74.09	3362.0	.070	1.42	1.42	18.8	27.9	.248	.277	3.0	.9	.1	1.55	1.40	1.46	1.25	D
439	1434	3366.0	3.28	262	318	62	19.7	208.2	1.51	1.27	73.77	3362.0	.170	1.42	1.42	20.2	27.9	.247	.282	4.0	1.2	.1	1.49	1.40	1.46	1.25	D
440	1449	3367.0	3.80	286	344	70	23.4	205.5	1.51	1.29	74.09	3363.1	.190	1.42	1.42	21.2	23.2	.249	.296	5.0	1.4	.1	1.57	1.41	1.46	1.24	D
441	1503	3368.0	4.25	282	340	71	23.1	206.8	1.51	1.07	73.61	3364.0	.140	1.42	1.42	21.9	28.9	.249	.270	6.0	1.7	.1	1.55	1.41	1.46	1.24	D
442	1516	3369.0	17.4	297	352	70	20.8	206.8	1.51	1.06	73.77	3364.3	.140	1.42	1.42	22.0	29.1	.249	.269	7.0	1.7	.2	1.12	1.41	1.46	1.24	D
443	1534	3370.0	16.0	299	350	74	21.3	205.5	1.51	.990	71.07	3364.6	.110	1.42	1.42	22.6	28.6	.250	.270	8.0	1.8	.2	1.16	1.41	1.46	1.24	D
444	1546	3371.0	4.93	252	296	73	23.8	203.4	1.50	1.18	71.23	3365.2	.140	1.42	1.42	22.9	28.9	.249	.269	9.0	2.0	.2	1.53	1.41	1.46	1.24	D
445	1603	3372.0	3.54	249	346	73	23.5	205.5	1.50	.994	71.39	3366.2	.150	1.42	1.42	23.4	29.6	.249	.269	10.0	2.3	.3	1.61	1.42	1.46	1.23	D
446	1616	3373.0	4.69	280	355	72	23.1	204.8	1.50	1.13	71.54	3366.9	.150	1.42	1.42	23.7	30.0	.250	.270	11.0	2.5	.4	1.52	1.43	1.46	1.23	D
447	1631	3374.0	3.89	275	338	73	23.3	205.5	1.50	.961	71.23	3368.0	.160	1.42	1.42	24.1	30.8	.249	.270	12.0	2.8	.4	1.58	1.43	1.46	1.22	D
448	1641	3375.0	5.84	277	347	73	23.1	206.9	1.51	1.12	71.07	3369.3	.140	1.42	1.42	24.4	30.9	.249	.270	13.0	3.0	.4	1.47	1.43	1.46	1.22	D
449	1650	3376.0	7.20	280	349	72	22.8	206.2	1.50	1.06	71.07	3370.4	.130	1.42	1.42	24.6	31.1	.248	.270	14.0	3.1	.5	1.40	1.43	1.46	1.22	D
450	1706	3377.0	23.8	280	338	71	21.2	207.5	1.50	1.10	72.66	3370.7	.100	1.42	1.42	24.7	31.3	.249	.270	15.0	3.2	.5	1.04	1.43	1.46	1.22	D↑
451	1712	3378.0	9.44	286	350	68	24.0	206.2	1.50	1.04	71.23	3371.0	.100	1.42	1.42	24.9	30.5	.249	.281	16.0	3.3	.5	1.34	1.43	1.46	1.22	D
452	1735	3379.0	6.56	278	346	68	23.4	208.9	1.52	1.07	71.23	3372.1	.130	1.42	1.42	25.1	30.6	.250	.271	17.0	3.5	.5	1.42	1.43	1.46	1.22	D
453	1749	3380.0	4.56	269	334	69	22.2	207.5	1.51	1.02	70.91	3373.1	.140	1.42	1.42	25.2	31.5	.250	.271	18.0	3.7	.5	1.50	1.44	1.46	1.22	D
454	1758	3381.0	6.54	274	324	70	22.4	207.5	1.51	1.05	70.75	3373.7	.130	1.42	1.42	25.3	32.0	.250	.269	19.0	3.8	.6	1.41	1.44	1.46	1.22	D
455	1804	3382.0	10.1	271	323	69	21.5	208.2	1.52	.999	70.91	3374.1	.140	1.42	1.42	25.4	32.3	.250	.268	20.0	3.9	.6	1.27	1.43	1.46	1.23	D
456	1819	3383.0	12.3	275	332	69	22.1	207.5	1.52	1.06	70.91	3374.6	.160	1.42	1.42	25.5	32.7	.251	.269	21.0	4.0	.6	1.23	1.43	1.46	1.23	D
457	1821	3384.0	4.83	257	315	69	22.0	206.2	1.51	1.03	71.07	3376.0	.530	1.42	1.42	25.8	32.2	.252	.273	22.0	4.2	.6	1.47	1.43	1.46	1.23	D
458	1834	3385.0	4.77	267	331	69	22.4	207.5	1.51	1.19	71.07	3378.1	.240	1.42	1.42	26.0	32.5	.253	.269	23.0	4.4	.6	1.49	1.43	1.46	1.23	D
459	1849	3386.0	3.91	266	332	69	20.8	207.5	1.51	1.06	71.39	3379.1	.140	1.42	1.42	26.3	33.0	.253	.270	24.0	4.7	.7	1.50	1.43	1.46	1.23	D
460	1909	3387.0	3.01	253	324	70	19.9	206.8	1.51	1.07	71.86	3380.9	.170	1.42	1.42	26.6	33.4	.254	.275	25.0	5.0	.7	1.55	1.44	1.46	1.22	D
461	1928	3388.0	3.30	271	349	69	19.7	206.2	1.51	1.01	72.02	3383.7	.140	1.42	1.42	26.9	33.4	.253	.273	26.0	5.3	.7	1.51	1.44	1.46	1.22	D
462	2004	3389.0	4.10	275	351	69	20.4	203.4	1.50	1.11	71.23	3385.6	.210	1.42	1.42	27.3	33.1	.254	.273	27.0	5.6	.8	1.48	1.44	1.46	1.22	D↑
463	2009	3390.0	12.1	270	356	69	19.5	201.3	1.49	1.03	71.54	3385.8	.160	1.42	1.42	27.3	33.4	.255	.274	28.0	5.7	.8	1.18	1.44	1.46	1.22	D
464	2023	3391.0	21.4	263	301	69	18.2	204.8	1.50	1.07	71.54	3386.0	.140	1.42	1.42	27.3	33.6	.255	.273	29.0	5.7	.8	1.01	1.44	1.46	1.22	D↑
465	2032	3392.0	7.10	269	356	67	20.2	205.5	1.51	1.09	70.75	3386.5	.140	1.42	1.42	27.4	33.0	.254	.271	30.0	5.9	.8	1.32	1.44	1.45	1.23	D
466	2047	3393.0	3.61	264	340	68	21.0	205.5	1.51	1.01	70.59	3387.2	.170	1.42	1.42	27.4	33.7	.255	.270	31.0	6.1	.8	1.52	1.44	1.46	1.22	D
467	2103	3394.0	3.78	272	368	67	21.2	205.5	1.51	1.01	70.59	3388.1	.210	1.42	1.42	27.5	33.8	.254	.274	32.0	6.4	.8	1.51	1.44	1.46	1.22	D
468	2121	3395.0	3.39	266	342	69	21.2	206.2	1.51	1.03	71.07	3388.6	.180	1.42	1.42	27.6	34.0	.253	.272	33.0	6.7	.9	1.54	1.45	1.46	1.22	D
469	2139	3396.0	3.09	259	342	67	21.8	204.8	1.51	1.10	71.39	3391.6	.460	1.42	1.42	27.8	32.9	.254	.279	34.0	7.0	.9	1.58	1.45	1.46	1.21	D
470	2159	3397.0	3.01	264	332	67	21.7	203.4	1.51	1.10	71.54	3393.0	.150	1.42	1.42	28.0	34.3	.256	.273	35.0	7.3	.9	1.59	1.46	1.46	1.21	D
471	2218	3398.0	3.33	260	330	67	21.5	205.5	1.51	1.07	71.07	3394.2	.130	1.42	1.42	28.1	34.5	.255	.274	36.0	7.6	1.0	1.59	1.46	1.46	1.20	D
472	2237	3399.0	5.91	253	328	68	20.8	206.2	1.51	1.05	72.34	3394.8	.160	1.42	1.42	28.1	34.4	.253	.274	36.9	7.7	1.0	1.39	1.46	1.46	1.20	D↑
473	2248	3400.0	5.14	275	337	69	21.0	204.1	1.51	1.14	71.54	3395.6	.170	1.42	1.42	28.0	33.9	.257	.275	38.0	7.9	1.0	1.44	1.46	1.46	1.21	D
474	2259	3401.1	6.02	274	349	70	21.4	204.8	1.51	1.03	71.86	3396.1	.140	1.42	1.42	28.0	33.8	.259	.275	39.0	8.1	1.0	1.38	1.46	1.46	1.21	D
475	2313	3402.0	13.9	263	313	70	19.2	203.4	1.51	1.08	72.02	3396.2	.130	1.42	1.42	28.0	33.1	.253	.274	40.0	8.2	1.0	1.14	1.46	1.46	1.21	D
476	2321	3403.0	6.67	253	322	67	20.0	203.4	1.50	1.11	71.54	3396.7	.130	1.42	1.42	28.1	32.8	.255	.273	41.0	8.3	1.1	1.33	1.46	1.46	1.21	D
477	2333	3404.0	3.41	263	353	66	20.9	205.5	1.51	1.05	71.86	3393.1	.160	1.42	1.42	28.1	33.8	.255	.275	42.0	8.6	1.1	1.53	1.46	1.46	1.21	D
479	2346	3405.0	7.67	289	361	66	20.8	204.8	1.50	.839	71.86	3393.5	.160	1.42	1.42	28.1	33.6	.258	.276	43.0	8.8	1.1	1.31	1.46	1.46	1.21	D

STATOIL : 15/9-18

Data Printed at time 18:01 Date Feb 24 '84
Data Rec[illegible] at time 23:56 Date Feb 11 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	EST TM	DXC	BXB	ECD	HKLD	
480	2356	3436.0	6.12	287	367	65	20.4	205.5	1.51	1.06	71.86	3399.0	.170	1.42	1.42	28.2	33.7	.257	.274	44.0	8.9	1.1	1.36	1.45	1.46	1.21	D
	Date	Feb 12 '84																									
481	0005	3437.0	6.36	282	337	66	20.9	204.1	1.51	.943	72.18	3399.8	.220	1.42	1.42	28.2	33.5	.257	.273	45.0	9.1	1.1	1.36	1.45	1.46	1.22	D
482	0012	3438.0	9.16	283	368	66	21.4	204.1	1.51	1.01	71.86	3400.4	.210	1.42	1.42	28.2	33.3	.257	.274	46.0	9.2	1.1	1.23	1.45	1.46	1.22	D
483	0035	3439.0	12.2	292	346	67	21.5	204.8	1.50	.941	73.13	3402.1	.520	1.42	1.42	28.3	33.2	.255	.279	47.0	9.3	1.2	1.21	1.44	1.46	1.23	D
484	0054	3440.0	27.4	277	310	70	21.7	205.5	1.50	.947	72.82	3402.7	.270	1.42	1.42	28.3	33.7	.256	.279	48.0	9.4	1.2	1.01	1.44	1.46	1.23	D†
485	0055	3441.0	12.3	292	346	69	22.4	205.5	1.51	.969	72.18	3402.9	.220	1.42	1.42	28.3	33.9	.256	.280	49.0	9.4	1.2	1.23	1.44	1.46	1.23	D
486	0053	3442.0	21.3	275	335	69	21.9	205.5	1.51	.911	71.86	3403.1	.210	1.42	1.42	28.3	33.8	.257	.279	50.0	9.5	1.2	1.08	1.44	1.46	1.23	D
487	0102	3443.0	13.6	279	338	69	22.5	205.5	1.51	.970	71.86	3403.3	.200	1.42	1.42	28.3	33.7	.258	.278	51.0	9.6	1.2	1.21	1.43	1.46	1.24	D
488	0113	3444.0	6.29	294	369	65	21.3	204.1	1.51	.934	71.86	3404.0	.260	1.42	1.42	28.3	33.3	.257	.273	52.0	9.7	1.2	1.37	1.43	1.46	1.24	D
489	0127	3445.0	4.24	273	380	67	21.8	204.1	1.51	.936	71.70	3405.7	.290	1.42	1.42	28.2	33.5	.258	.276	53.0	10.0	1.2	1.49	1.43	1.46	1.24	D
490	0144	3446.0	3.64	278	350	67	22.1	206.2	1.51	.872	71.39	3407.6	.440	1.42	1.42	28.2	33.7	.257	.280	54.0	10.2	1.3	1.54	1.43	1.46	1.23	D
491	0156	3447.0	4.80	275	344	67	21.5	204.8	1.51	.925	71.39	3409.0	.570	1.42	1.42	28.3	34.1	.257	.277	55.0	10.5	1.3	1.45	1.43	1.46	1.23	D
492	0223	3448.0	4.37	271	336	67	21.0	195.1	1.45	.831	73.61	3412.9	.630	1.42	1.42	28.4	34.2	.257	.285	56.0	10.7	1.3	1.47	1.44	1.46	1.23	DX
493	0253	3449.0	2.73	270	341	67	21.6	204.8	1.51	.903	71.39	3414.8	.320	1.42	1.42	28.0	34.5	.256	.275	57.0	11.1	1.3	1.61	1.44	1.46	1.23	D
494	0312	3450.0	2.68	251	300	67	21.8	203.4	1.50	.882	70.91	3416.4	.230	1.42	1.42	28.1	34.5	.258	.277	58.0	11.5	1.4	1.62	1.45	1.46	1.22	D
495	0333	3451.0	2.94	253	324	66	21.9	203.4	1.51	.829	70.75	3417.8	.170	1.42	1.42	28.3	34.6	.258	.275	59.0	11.8	1.4	1.60	1.45	1.46	1.22	D
496	0354	3452.0	2.75	256	327	66	22.2	202.7	1.50	.836	70.43	3418.5	.200	1.42	1.42	28.6	34.7	.258	.279	60.0	12.2	1.5	1.62	1.46	1.46	1.21	D
497	0405	3453.0	5.50	284	352	66	21.7	202.0	1.50	.879	70.11	3419.0	.170	1.42	1.42	28.7	34.7	.259	.279	61.0	12.4	1.5	1.42	1.46	1.46	1.21	D
498	0427	3454.0	2.71	261	325	66	22.6	204.8	1.51	.829	69.32	3419.9	.160	1.42	1.42	29.0	34.8	.257	.272	62.0	12.7	1.5	1.64	1.47	1.46	1.21	D
+ POOH at 3424m with NB#23. Bit drilled 62m in 13.1 drilling hours.																											
RIH with NB#24. HTC J22, 8-1/2". Jets 12:12:12:.																											
505	1519	3455.0	2.99	237	312	61	11.0	206.8	1.49	.544	72.18	3424.0	.050	1.42	1.42	20.4	30.0	.251	.275	1.0	.6	.0	1.25	1.46	1.46	1.21	D†
506	1535	3456.0	3.90	271	338	60	16.2	205.5	1.50	.546	72.82	3424.0	.160	1.42	1.42	21.2	30.1	.249	.281	2.0	.9	.1	1.34	1.46	1.46	1.21	D
507	1543	3457.0	4.39	278	440	59	20.1	201.3	1.49	.696	74.41	3424.0	.240	1.42	1.42	22.1	30.2	.249	.288	3.0	1.1	.1	1.41	1.46	1.46	1.22	D
508	1605	3458.0	4.65	271	440	58	21.9	206.8	1.51	1.40	74.25	3424.0	.160	1.42	1.42	22.7	28.4	.250	.308	4.0	1.2	.1	1.44	1.46	1.46	1.22	D
509	1642	3459.0	1.68	261	457	58	22.4	206.8	1.50	1.47	76.00	3425.5	.180	1.42	1.42	23.9	32.2	.248	.272	5.0	1.8	.2	1.65	1.47	1.46	1.21	D
510	1720	3460.0	1.54	247	455	57	19.2	202.7	1.51	1.54	77.43	3427.5	.190	1.42	1.42	25.1	32.3	.248	.273	6.0	2.5	.2	1.59	1.47	1.46	1.20	D
511	1747	3461.0	2.27	251	447	58	18.5	202.7	1.51	1.53	77.27	3428.2	.160	1.42	1.42	25.8	32.9	.248	.270	7.0	2.9	.2	1.53	1.48	1.46	1.20	D
512	1800	3462.0	4.56	261	453	58	18.0	204.1	1.51	1.53	77.27	3428.6	.140	1.42	1.42	26.1	32.8	.249	.270	8.0	3.2	.3	1.34	1.47	1.46	1.20	D
513	1819	3463.0	3.03	263	457	57	18.9	204.8	1.51	1.52	77.59	3429.1	.120	1.42	1.42	26.4	33.0	.250	.271	9.0	3.5	.3	1.47	1.47	1.46	1.20	D
514	1843	3464.0	2.42	261	322	57	18.6	204.1	1.51	1.54	77.74	3429.8	.110	1.42	1.42	26.7	33.7	.253	.270	10.0	3.9	.3	1.51	1.48	1.46	1.20	D
515	1932	3465.0	1.22	238	428	55	16.9	202.7	1.50	1.54	76.63	3432.3	.130	1.42	1.42	27.2	33.0	.250	.271	11.0	4.7	.4	1.62	1.48	1.46	1.20	D
516	2018	3466.0	1.31	234	366	48	13.8	202.7	1.51	1.48	76.79	3434.2	.190	1.42	1.42	27.4	34.5	.249	.272	12.0	5.5	.4	1.63	1.49	1.46	1.19	D
517	2045	3467.0	2.23	255	441	57	19.3	203.4	1.51	1.56	77.11	3434.6	.160	1.42	1.42	27.6	34.4	.250	.274	13.0	5.9	.5	1.56	1.49	1.46	1.19	D
518	2108	3468.0	5.41	261	458	57	18.8	201.3	1.50	1.58	76.15	3435.1	.130	1.42	1.42	27.7	33.1	.251	.273	14.0	6.1	.5	1.31	1.49	1.46	1.19	D
519	2131	3469.0	2.55	261	457	57	19.5	201.3	1.49	1.57	76.15	3435.6	.120	1.42	1.42	27.6	33.6	.250	.266	15.0	6.5	.5	1.52	1.49	1.46	1.19	D
520	2233	3470.0	.99	231	353	57	19.7	201.3	1.50	1.51	75.20	3438.1	.230	1.42	1.42	27.5	33.9	.250	.278	16.0	7.5	.6	1.77	1.50	1.46	1.18	D
521	2332	3471.0	.99	251	427	57	19.6	202.0	1.50	1.49	74.98	3439.3	.120	1.42	1.42	27.3	33.2	.251	.276	17.0	8.5	.7	1.77	1.51	1.46	1.18	D
	Date	Feb 13 '84																									
522	0003	3472.0	2.01	262	442	57	19.2	202.7	1.50	1.50	74.41	3439.7	.130	1.42	1.42	27.2	33.1	.252	.273	18.0	9.0	.7	1.58	1.51	1.46	1.17	D
523	0040	3473.0	1.52	270	453	57	19.6	202.0	1.50	1.49	73.77	3440.1	.150	1.42	1.42	27.1	32.9	.251	.271	19.0	9.7	.8	1.66	1.52	1.46	1.17	D
524	0125	3474.0	1.34	253	426	57	17.8	201.3	1.50	1.56	73.77	3440.9	.150	1.42	1.42	26.9	32.8	.252	.275	20.0	10.4	.8	1.03	1.53	1.46	1.16	D
525	0145	3475.0	3.12	291	459	55	15.7	201.3	1.50	1.47	73.61	3441.4	.140	1.42	1.42	26.5	32.8	.253	.273	21.0	10.7	.9	1.36	1.52	1.45	1.17	D
526	0207	3476.0	2.62	272	426	56	16.4	202.0	1.50	1.43	73.77	3442.3	.150	1.42	1.42	26.4	32.0	.253	.275	22.0	11.1	.9	1.43	1.52	1.46	1.17	D
527	0327	3477.0	1.35	251	426	62	15.7	201.3	1.51	1.45	73.45	3444.6	.100	1.42	1.42	25.6	33.4	.256	.279	23.0	12.1	1.0	1.59	1.52	1.46	1.17	DX
528	0412	3478.0	1.34	235	421	67	16.6	202.0	1.51	1.45	73.61	3446.7	.090	1.42	1.42	25.3	30.0	.253	.279	24.0	12.9	1.0	1.64	1.53	1.46	1.16	D
529	0443	3479.0	1.90	270	426	56	13.3	207.5	1.59	1.45	72.32	3446.9	.090	1.42	1.42	25.2	30.1	.256	.279	25.0	13.4	1.1	1.55	1.53	1.47	1.16	D†
530	0515	3480.0	2.26	268	426	54	13.5	207.5	1.52	1.43	72.82	3447.4	.100	1.42	1.42	25.1	30.8	.255	.280	26.0	13.8	1.1	1.51	1.53	1.45	1.16	D
531	0523	3481.0	.89	266	425	59	19.2	201.3	1.49	1.44	75.20	3449.1	.090	1.42	1.42	25.1	30.3	.255	.282	27.0	15.0	1.2	1.79	1.54	1.46	1.16	D

STATOIL : 15/9-18

Data Printed at time 13:07 Date Feb 24 '84
Data Rec'd 22 at time 06:57 Date Feb 13 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS BIT m	THIS BIT hours	BIT TM	DXC	MXB	ECD	JAMD	
532	0657	3452.0	1.80	282	424	63	17.4	200.6	1.50	1.53	76.31	3450.1	.080	1.42	1.42	25.1	30.1	.255	.279	28.0	15.5	1.2	1.57	1.54	1.46	1.15	D
533	0710	3453.0	4.45	287	392	64	15.8	197.9	1.49	1.54	76.79	3450.2	.080	1.42	1.42	25.0	29.8	.256	.281	29.0	15.8	1.2	1.31	1.54	1.46	1.16	D
534	0730	3454.0	3.04	287	418	64	16.7	198.6	1.49	1.51	77.27	3451.5	.080	1.42	1.42	25.0	29.7	.256	.280	30.0	16.1	1.3	1.43	1.54	1.46	1.16	D
535	0810	3455.0	1.53	282	426	64	17.2	197.9	1.49	1.43	78.06	3451.4	.070	1.42	1.42	25.0	29.6	.256	.280	31.0	16.8	1.3	1.61	1.54	1.46	1.16	D
536	0907	3456.0	1.05	275	426	65	17.3	199.3	1.49	1.44	77.59	3454.3	.070	1.42	1.42	24.9	29.5	.256	.280	32.0	17.7	1.4	1.71	1.55	1.46	1.15	DT
537	1012	3457.0	1.20	297	601	57	18.3	199.3	1.50	1.46	76.31	3455.2	.060	1.42	1.42	24.8	28.9	.257	.274	33.0	18.6	1.4	1.68	1.55	1.46	1.15	DX
538	1115	3458.0	.97	285	570	57	19.9	199.9	1.51	1.48	76.00	3456.3	.060	1.42	1.42	24.7	29.4	.259	.283	34.0	19.6	1.5	1.79	1.56	1.46	1.14	D
539	1220	3459.0	.96	279	570	57	19.3	204.8	1.51	1.58	72.98	3457.4	.070	1.42	1.42	24.7	29.2	.260	.282	35.0	20.7	1.6	1.77	1.57	1.46	1.13	D
540	1246	3460.0	2.31	301	569	56	19.1	206.8	1.51	1.57	73.13	3457.8	.080	1.42	1.42	24.7	29.4	.252	.281	36.0	21.1	1.6	1.53	1.57	1.46	1.14	D
541	1335	3461.0	1.21	303	569	57	19.2	206.8	1.51	1.59	73.45	3458.4	.110	1.42	1.42	24.8	29.5	.254	.283	37.0	21.9	1.7	1.70	1.53	1.46	1.13	D
542	1446	3462.0	.86	281	569	58	18.7	207.5	1.51	1.54	72.50	3460.5	.070	1.42	1.42	25.1	30.2	.256	.270	38.0	23.1	1.8	1.78	1.59	1.46	1.12	DT
543	1506	3463.0	3.03	302	571	57	17.3	208.2	1.51	1.56	72.50	3460.7	.070	1.42	1.42	25.2	29.5	.257	.275	39.0	23.4	1.8	1.42	1.58	1.46	1.13	D
544	1559	3464.0	1.13	299	570	61	17.9	208.2	1.51	1.58	72.18	3461.4	.070	1.42	1.42	25.1	30.2	.254	.276	40.0	24.3	1.9	1.69	1.59	1.46	1.12	D
545	1701	3465.0	.97	308	572	59	18.6	208.2	1.51	1.53	72.34	3463.4	.090	1.42	1.42	25.3	29.9	.256	.279	41.0	25.4	1.9	1.75	1.60	1.46	1.12	D
546	1715	3466.0	4.23	337	571	59	17.9	207.5	1.51	1.59	72.50	3463.5	.110	1.42	1.42	25.3	30.2	.256	.277	42.0	25.6	1.9	1.36	1.59	1.46	1.12	D
547	1755	3467.0	2.80	336	571	56	18.1	206.8	1.51	1.57	72.02	3464.1	.200	1.42	1.42	25.3	29.3	.257	.274	43.0	26.0	2.0	1.46	1.59	1.46	1.13	D
548	1843	3468.0	1.15	307	571	57	17.9	206.2	1.50	1.59	72.09	3465.6	.200	1.42	1.42	25.1	30.7	.255	.281	44.0	26.9	2.0	1.67	1.59	1.46	1.12	D
549	1902	3469.0	4.05	339	571	54	17.1	206.2	1.51	1.57	72.98	3466.1	.220	1.42	1.42	25.1	30.3	.255	.281	45.0	27.2	2.0	1.33	1.59	1.46	1.13	D
550	1939	3470.0	1.66	301	572	57	17.6	205.5	1.50	1.57	73.13	3466.8	.200	1.42	1.42	25.3	31.0	.256	.277	46.0	27.8	2.1	1.58	1.59	1.46	1.13	D
551	2003	3471.0	2.63	336	572	57	17.5	206.2	1.50	1.59	73.61	3467.3	.210	1.42	1.42	25.4	30.5	.257	.281	47.0	28.1	2.1	1.46	1.58	1.46	1.13	D
552	2017	3472.0	4.15	346	565	57	17.5	205.5	1.51	1.57	72.98	3467.9	.220	1.42	1.42	25.3	30.5	.261	.279	48.0	28.4	2.1	1.35	1.58	1.46	1.14	D
553	2027	3473.0	5.83	340	560	58	17.1	207.5	1.50	1.58	72.98	3468.5	.220	1.42	1.42	25.4	30.3	.260	.277	49.0	28.5	2.1	1.26	1.58	1.46	1.14	D
554	2044	3474.0	3.52	353	554	57	17.6	205.5	1.50	1.57	73.61	3469.0	.210	1.42	1.42	25.5	30.8	.258	.278	50.0	28.8	2.1	1.39	1.57	1.46	1.14	D
555	2059	3475.0	3.95	362	572	57	17.9	206.8	1.51	1.56	73.77	3469.2	.210	1.42	1.42	25.6	30.3	.259	.279	51.0	29.1	2.2	1.37	1.57	1.46	1.14	D
556	2148	3476.0	1.74	352	570	56	18.1	205.5	1.51	1.47	73.77	3471.6	.210	1.42	1.42	25.7	30.4	.260	.282	52.0	29.7	2.2	1.57	1.57	1.46	1.14	DX
557	2211	3477.0	2.51	343	571	54	16.7	204.8	1.51	1.51	73.93	3473.4	0.00	1.42	1.42	25.7	31.0	.259	.286	53.0	30.1	2.2	1.43	1.56	1.46	1.15	D
558	2236	3478.0	2.60	323	571	53	12.6	205.5	1.51	1.52	74.72	3475.0	.180	1.42	1.42	25.8	31.5	.260	.284	54.0	30.5	2.2	1.32	1.56	1.46	1.15	D
559	2321	3479.0	1.35	286	570	62	15.3	204.1	1.50	1.54	76.47	3475.6	.200	1.42	1.42	26.2	30.9	.261	.283	55.0	31.2	2.3	1.57	1.56	1.46	1.15	D
560	2340	3480.0	3.14	339	570	59	15.8	203.4	1.51	1.55	77.27	3476.6	.210	1.42	1.42	26.2	30.9	.261	.283	56.0	31.6	2.3	1.38	1.55	1.46	1.16	D
	Date Feb 14 '84																										
561	0028	3481.0	1.25	330	570	61	16.6	203.4	1.50	1.49	79.02	3478.0	.220	1.42	1.42	26.4	31.2	.262	.286	57.0	32.4	2.4	1.63	1.55	1.46	1.15	D
562	0113	3482.0	1.33	304	567	61	16.9	203.4	1.51	1.50	79.65	3479.8	.210	1.42	1.42	26.7	31.4	.262	.286	58.0	33.1	2.4	1.62	1.56	1.46	1.15	D
+ POOH at 3481m with NB#24. Bit drilled 57m in 32.4 hours. All three cones left in hole.																											
Dresser atlas FMF tool.																											
RIH with NB#25 Hughes R8DJ 8-1/2". Jets 13:13:13 with junk basket.																											
+ POOH with NB#26 and junk basket. (0.70m drilled).																											
Run junk sub. No junk retrieved																											
RIH with NB#26 HTC JD4, 8-1/2". Jets 12:12:12.																											
	Date Feb 15 '84																										
571	2120	3483.0	3.69	247	397	48	8.54	188.9	1.40	-.15	62.32	3482.4	.080	1.42	1.42	15.2	23.4	.264	.278	.6	.2	.1	1.07	1.56	1.46	1.15	DT
572	2129	3484.0	6.23	249	271	64	11.9	186.8	1.40	1.40	62.32	3482.4	.070	1.42	1.42	14.7	24.2	.266	.278	1.6	.4	.1	1.13	1.55	1.46	1.15	D
573	2159	3485.0	4.91	257	473	64	12.7	195.1	1.44	1.44	64.07	3482.4	.100	1.42	1.42	16.5	24.8	.269	.287	2.6	.6	.3	1.20	1.56	1.46	1.15	DT
574	2215	3486.0	3.65	262	319	73	17.6	202.0	1.48	1.48	65.82	3482.4	.130	1.42	1.42	17.7	23.6	.269	.295	3.6	.9	.5	1.44	1.55	1.46	1.15	D
575	2256	3487.0	2.08	245	472	78	14.4	207.5	1.51	1.51	66.62	3483.1	.080	1.42	1.42	19.6	25.5	.261	.277	4.6	1.4	.7	1.49	1.55	1.46	1.16	D
576	2306	3488.0	5.90	244	275	78	14.5	208.2	1.51	1.51	67.73	3484.2	.090	1.42	1.42	19.9	26.3	.264	.275	5.6	1.6	.7	1.26	1.54	1.46	1.16	D
577	2329	3489.0	2.68	240	269	78	14.3	206.8	1.50	1.50	69.95	3485.3	.090	1.42	1.42	20.4	27.4	.268	.279	6.6	1.9	.8	1.43	1.54	1.46	1.16	D
578	2341	3490.0	4.99	237	264	78	16.8	208.2	1.51	1.51	70.59	3486.0	.100	1.42	1.42	20.9	27.6	.266	.282	7.6	2.1	.9	1.36	1.54	1.46	1.17	D
579	2346	3491.0	11.5	254	453	78	18.1	206.8	1.50	1.50	70.91	3486.3	.100	1.42	1.42	21.2	27.5	.266	.281	8.6	2.2	.9	1.19	1.54	1.46	1.17	D
	Date Feb 16 '84																										
580	0007	3492.0	7.64	248	295	75	17.0	206.8	1.50	1.50	71.23	3486.3	.120	1.42	1.42	21.6	27.8	.265	.280	9.6	2.4	1.0	1.25	1.53	1.46	1.18	D

Statoil

STATOIL : 15/9-18

Data Printed at time 18:25 Date Feb 24 '84
Data Received at time 01:53 Date Feb 18 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	FOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	TRIP m	BIT hours	EST TM	DXC	BRG	ECD	MWD	
+ NB#28, HUGHES JD4, 8.5",w/ 11:11:12 jets.																											
636	0220	3541.0	6.66	265	425	89	9.36	202.0	1.40	1.23	60.57	3540.0	.090	1.42	1.42	17.4	7.3	.265	.304	1.0	.2	.3	1.11	1.54	1.45	1.18	D↑
637	0306	3542.0	1.69	242	317	86	16.0	204.8	1.40	1.44	57.24	3540.0	.090	1.42	1.42	14.3	21.1	.273	.298	2.0	.9	1.2	1.62	1.54	1.45	1.18	DX
638	0344	3543.0	1.55	244	297	85	15.6	200.6	1.40	1.44	59.78	3540.4	.110	1.42	1.42	16.8	21.7	.270	.304	3.0	1.5	1.9	1.63	1.54	1.46	1.18	D
639	0411	3544.0	2.24	241	320	86	15.0	199.3	1.40	1.38	59.46	3541.5	.090	1.42	1.42	18.1	22.3	.273	.294	4.0	2.0	2.3	1.52	1.54	1.46	1.18	D
640	0431	3545.0	8.35	247	318	86	14.8	195.8	1.39	1.42	59.14	3541.8	.080	1.42	1.42	18.5	22.0	.273	.298	5.0	2.1	2.4	1.21	1.54	1.46	1.18	D↑
641	0445	3546.0	4.27	240	287	86	15.9	196.5	1.40	1.34	58.83	3542.1	.090	1.42	1.42	18.8	21.9	.276	.292	6.0	2.4	2.6	1.40	1.53	1.46	1.19	D
642	0513	3547.0	2.14	231	360	61	16.5	197.9	1.40	1.39	57.08	3542.8	.090	1.42	1.42	19.2	23.8	.276	.292	7.0	2.8	2.9	1.50	1.53	1.46	1.19	D
643	0555	3548.0	1.45	223	422	74	16.9	199.3	1.40	1.34	56.28	3544.8	.090	1.42	1.42	20.2	24.0	.278	.296	8.0	3.5	3.4	1.65	1.53	1.46	1.19	D
644	0611	3549.0	3.54	231	261	80	15.8	198.6	1.41	1.35	55.65	3545.9	.100	1.42	1.42	20.5	24.1	.278	.296	9.0	3.8	3.5	1.42	1.52	1.46	1.20	D
645	0621	3550.2	7.30	244	267	80	15.4	198.6	1.40	1.36	55.33	3546.1	.100	1.42	1.42	20.6	24.1	.279	.297	10.2	3.9	3.6	1.24	1.52	1.46	1.20	D
646	0704	3551.0	2.31	225	265	81	15.9	198.6	1.40	1.35	55.65	3547.3	.100	1.42	1.42	20.7	23.7	.285	.291	11.0	4.4	3.9	1.53	1.52	1.46	1.20	DX
647	0745	3552.0	1.44	213	237	82	16.8	197.9	1.40	1.37	55.49	3548.8	.100	1.42	1.42	20.8	24.8	.285	.297	12.0	5.0	4.3	1.68	1.51	1.46	1.20	D
648	0816	3553.0	1.94	227	369	87	16.2	197.9	1.40	1.36	55.01	3550.5	.100	1.42	1.42	21.1	24.6	.283	.298	13.0	5.5	4.6	1.60	1.51	1.46	1.20	D
649	0852	3554.0	1.63	219	269	90	16.2	199.3	1.41	1.35	54.37	3551.4	.100	1.42	1.42	21.2	25.0	.283	.302	14.0	6.2	5.0	1.65	1.51	1.46	1.21	D
650	0926	3555.0	1.79	223	263	90	15.8	197.2	1.40	1.35	54.69	3552.4	.100	1.42	1.42	21.2	24.3	.283	.307	15.0	6.7	5.3	1.61	1.50	1.46	1.21	D
651	0938	3556.0	4.82	221	254	90	16.8	195.1	1.40	1.36	54.21	3552.7	.100	1.42	1.42	21.2	24.5	.288	.305	16.0	6.9	5.4	1.41	1.50	1.46	1.21	D
652	1000	3557.0	2.81	243	290	89	16.9	197.2	1.40	1.38	53.58	3553.2	.100	1.42	1.42	21.2	24.2	.283	.305	17.0	7.3	5.6	1.54	1.50	1.46	1.22	D
653	1014	3558.0	4.12	255	305	89	16.2	196.5	1.39	1.37	52.78	3553.8	.100	1.42	1.42	21.2	24.9	.287	.303	18.0	7.5	5.8	1.43	1.50	1.46	1.22	D
654	1040	3559.0	2.36	227	261	90	16.5	192.4	1.40	1.37	52.15	3554.5	.100	1.42	1.42	21.3	24.3	.283	.302	19.0	7.9	6.0	1.57	1.49	1.46	1.22	D
655	1151	3560.0	1.48	224	333	90	17.4	187.5	1.39	1.43	51.51	3557.6	.100	1.42	1.42	21.1	21.7	.284	.316	20.0	8.8	6.4	1.72	1.48	1.46	1.23	DX
656	1224	3561.0	1.78	217	243	92	15.3	187.5	1.46	1.34	50.72	3559.0	.090	1.42	1.42	20.6	23.9	.300	.307	21.0	9.4	6.7	1.60	1.48	1.46	1.23	D
+ NB#29 HPC J33, 11:11:12 jets.																											
662	2157	3561.1	4.51	273	408	59	7.06	198.6	1.40	1.43	37.84	3560.5	.080	1.42	1.42	14.9	5.6	.273	.327	.6	.2	.0	1.02	1.48	1.45	1.23	D
663	2223	3562.0	2.10	267	320	60	14.3	196.5	1.40	1.37	37.84	3560.5	.080	1.42	1.42	12.0	18.8	.273	.305	1.5	.6	.1	1.43	1.48	1.46	1.24	D
664	2254	3563.0	1.92	272	317	60	15.6	190.3	1.40	1.50	39.91	3560.5	.080	1.42	1.42	14.1	20.6	.266	.316	2.5	1.1	.2	1.49	1.48	1.46	1.24	D
665	2304	3564.0	6.01	275	348	59	14.6	190.3	1.40	1.48	40.22	3560.5	.150	1.42	1.42	15.2	21.1	.265	.317	3.5	1.3	.2	1.20	1.47	1.46	1.24	D
666	2329	3565.0	3.87	278	368	59	14.3	188.9	1.40	1.56	40.70	3561.0	.100	1.42	1.42	16.7	21.5	.262	.323	4.5	1.6	.2	1.29	1.46	1.46	1.25	D
667	2358	3566.0	3.54	284	342	59	16.5	193.1	1.39	1.37	39.59	3561.8	.080	1.42	1.42	17.8	20.0	.257	.291	6.5	2.0	.3	1.37	1.45	1.46	1.25	D
	Date	Feb 19 '84																									
668	0026	3567.0	2.60	271	332	60	16.8	192.4	1.38	1.43	41.65	3562.2	.070	1.42	1.42	17.8	21.0	.267	.341	6.9	2.2	.3	1.46	1.45	1.46	1.25	D
669	0033	3568.1	8.00	300	357	59	15.9	194.4	1.39	1.43	39.75	3562.5	.070	1.42	1.42	17.7	19.2	.266	.306	7.6	2.2	.3	1.16	1.45	1.46	1.25	D
670	0040	3569.0	5.76	315	352	59	16.1	193.7	1.40	1.42	39.95	3562.8	.070	1.42	1.42	17.8	21.2	.267	.288	8.5	2.4	.3	1.25	1.45	1.46	1.26	D
671	0111	3570.0	1.91	287	346	60	16.5	193.1	1.39	1.42	39.63	3564.8	.080	1.42	1.42	18.5	22.8	.265	.299	9.5	2.9	.4	1.52	1.45	1.46	1.26	D
672	0152	3571.0	1.90	271	376	57	16.4	186.8	1.40	1.45	39.16	3567.4	.070	1.42	1.42	19.5	24.1	.270	.287	10.5	3.5	.5	1.51	1.45	1.46	1.26	D↑
673	0225	3572.0	1.83	249	322	58	16.2	186.8	1.40	1.39	38.95	3569.6	.070	1.42	1.42	20.4	24.5	.269	.297	11.5	4.0	.5	1.51	1.45	1.46	1.26	D
674	0300	3573.0	1.68	245	295	58	16.0	183.4	1.40	1.32	39.59	3570.5	.070	1.42	1.42	21.1	24.7	.265	.297	12.5	4.6	.6	1.53	1.45	1.46	1.26	D
675	0325	3574.0	3.09	262	358	57	15.7	183.4	1.40	1.34	40.22	3571.2	.070	1.42	1.42	21.3	24.9	.264	.298	13.5	4.9	.7	1.37	1.45	1.46	1.26	D
676	0333	3575.0	7.07	269	450	57	15.9	184.1	1.40	1.33	40.22	3571.5	.070	1.42	1.42	21.5	25.1	.259	.293	14.4	5.1	.7	1.18	1.44*	1.46	1.27	D
677	0342	3576.0	7.00	297	373	57	14.9	186.8	1.40	1.26	40.22	3571.7	.070	1.42	1.42	21.5	25.3	.263	.297	15.5	5.2	.7	1.16	1.44	1.46	1.27	D
678	0358	3577.0	3.65	280	445	56	14.3	183.4	1.40	1.32	40.70	3572.2	.070	1.42	1.42	21.6	25.0	.264	.300	16.5	5.5	.7	1.29	1.43	1.46	1.23	D
679	0419	3578.0	2.80	258	397	57	14.3	186.2	1.39	1.33	41.02	3572.8	.080	1.42	1.42	21.6	25.1	.269	.300	17.5	5.8	.8	1.35	1.43	1.46	1.23	D
680	0448	3579.0	2.10	251	364	58	16.4	186.2	1.40	1.38	41.34	3573.8	.080	1.42	1.42	21.7	25.9	.265	.293	18.5	6.3	.8	1.48	1.43	1.46	1.23	D
681	0536	3580.0	2.19	251	389	59	16.4	190.3	1.39	1.38	41.34	3577.1	.080	1.42	1.42	21.9	24.2	.258	.286	19.5	6.8	.9	1.43	1.43	1.46	1.23	DX
682	0614	3581.0	1.60	245	393	61	15.6	187.5	1.40	1.32	41.97	3579.5	.090	1.42	1.42	21.8	25.4	.253	.299	20.5	7.4	1.0	1.54	1.43	1.46	1.23	D
683	0703	3582.0	1.23	241	320	60	15.2	186.8	1.40	1.40	42.29	3580.0	.090	1.42	1.42	21.9	21.5	.264	.313	21.5	8.2	1.1	1.58	1.44	1.46	1.27	D
684	0730	3583.0	2.19	250	342	60	16.9	198.6	1.46	1.31	43.24	3580.7	.090	1.42	1.42	21.6	25.7	.264	.287	22.5	8.7	1.1	1.50	1.44	1.46	1.27	D
685	0743	3584.0	4.41	276	445	60	16.8	190.3	1.46	1.34	43.09	3581.1	.090	1.42	1.42	21.6	25.6	.257	.287	23.5	8.9	1.2	1.33	1.43	1.46	1.23	D
686	0756	3585.0	4.66	261	370	60	17.2	190.3	1.45	1.35	42.77	3581.3	.090	1.42	1.42	21.7	25.7	.259	.289	24.5	9.1	1.2	1.33	1.43	1.46	1.23	D
687	0835	3586.0	1.52	247	316	60	17.3	200.6	1.46	1.35	42.93	3582.3	.120	1.42	1.42	22.0	26.0	.261	.287	25.5	9.8	1.3	1.62	1.43	1.46	1.23	D

STATOIL : 15/9-18

Data Printed at time 18:31 Date Feb 24 '84
Data Recorded at time 09:15 Date Feb 19 '84

F#	TIME	DEPTH m	ROP m/hr	TORQUE AVG	TORQUE MAX	RPM AVG	WOB AVG	PUMP PRES	MUD IN	MUD FLOW OUT	PVT m^3	RETURNS DEPTH	GAS %	MD g/cc IN	MD g/cc OUT	TEMP (C) IN	TEMP (C) OUT	RES IN	RES OUT	THIS m	BIT hours	EST IN	DXC	DXB	ECD	MAMD	
688	0915	3587.0	1.55	246	306	61	17.1	200.6	1.46	1.34	42.77	3584.9	.090	1.42	1.42	22.2	25.7	.261	.297	26.5	10.4	1.4	1.59	1.44	1.46	1.27	D
689	0931	3588.0	3.54	251	318	60	13.9	197.9	1.46	1.33	42.61	3585.4	.080	1.42	1.42	22.3	26.0	.262	.289	27.5	10.7	1.4	1.30	1.43	1.45	1.28	D
690	1001	3589.0	1.95	243	303	61	13.9	203.4	1.46	1.31	42.29	3586.1	.080	1.42	1.42	22.3	25.8	.261	.294	28.5	11.2	1.5	1.44	1.43	1.46	1.28	D
691	1028	3590.0	4.83	249	307	58	14.9	208.2	1.46	1.35	41.34	3586.6	.090	1.42	1.42	22.3	24.4	.257	.300	29.5	11.5	1.5	1.25	1.42	1.45	1.29	DX
692	1047	3591.0	3.07	247	300	57	15.6	204.8	1.46	1.32	41.65	3587.4	.090	1.42	1.42	22.2	26.5	.260	.290	30.5	11.8	1.5	1.37	1.42	1.46	1.29	D
693	1110	3592.0	2.49	244	355	56	17.0	200.6	1.46	1.33	41.34	3588.4	.090	1.42	1.42	22.2	26.4	.261	.294	31.5	12.2	1.6	1.45	1.42	1.46	1.29	D
694	1138	3593.0	2.23	258	403	51	19.5	202.7	1.46	1.33	41.18	3589.2	.090	1.42	1.42	22.4	26.9	.261	.292	32.5	12.6	1.6	1.53	1.42	1.46	1.29	D
695	1202	3594.0	2.30	274	383	57	18.5	204.8	1.46	1.24	40.86	3590.6	.090	1.42	1.42	22.7	26.7	.260	.296	33.5	13.0	1.7	1.52	1.43	1.45	1.29	D
696	1226	3595.0	2.53	284	402	58	17.6	202.0	1.46	1.30	40.38	3591.8	.090	1.42	1.42	22.8	27.1	.260	.290	34.5	13.4	1.7	1.48	1.43	1.46	1.29	D
697	1249	3596.0	2.65	272	410	58	18.1	193.1	1.46	1.33	40.54	3592.5	.090	1.42	1.42	22.9	26.9	.264	.292	35.5	13.8	1.8	1.48	1.43	1.46	1.29	D
698	1316	3597.0	2.07	255	331	59	18.3	199.3	1.46	1.35	39.91	3593.7	.090	1.42	1.42	22.9	27.0	.261	.291	36.5	14.3	1.8	1.55	1.43	1.46	1.28	D
699	1341	3598.0	2.42	254	321	59	17.5	200.6	1.46	1.33	39.43	3594.7	.090	1.42	1.42	23.1	27.1	.256	.291	37.5	14.7	1.9	1.49	1.43	1.46	1.28	D
700	1418	3599.0	2.33	250	322	59	18.2	199.9	1.45	1.33	38.47	3596.2	.090	1.42	1.42	23.2	26.1	.256	.296	38.5	15.2	2.0	1.52	1.43	1.46	1.28	DX
701	1444	3600.0	2.53	251	327	59	18.8	201.3	1.45	1.28	38.16	3597.0	.080	1.42	1.42	23.0	27.2	.260	.292	39.5	15.6	2.0	1.52	1.44	1.46	1.28	D
702	1515	3601.0	1.92	268	345	59	18.4	201.3	1.46	1.25	39.27	3598.2	.080	1.42	1.42	22.7	26.9	.255	.291	40.5	16.1	2.1	1.57	1.44	1.46	1.28	D
703	1545	3602.0	2.03	268	341	59	18.3	204.8	1.46	1.27	40.70	3599.3	.090	1.42	1.42	22.5	27.0	.259	.288	41.5	16.6	2.1	1.55	1.44	1.46	1.27	D
704	1623	3603.0	1.53	266	365	58	18.1	204.1	1.46	1.36	41.50	3600.3	.080	1.42	1.42	22.9	26.7	.235	.292	42.5	17.2	2.2	1.61	1.45	1.46	1.27	D
705	1649	3604.0	2.29	267	357	59	17.9	204.1	1.46	1.28	42.29	3601.3	.080	1.42	1.42	23.0	27.1	.237	.290	43.5	17.7	2.3	1.51	1.45	1.46	1.27	D
706	1727	3605.0	1.56	262	364	58	18.5	202.0	1.46	1.32	44.04	3602.2	.080	1.42	1.42	22.8	27.3	.255	.288	44.5	18.3	2.3	1.62	1.45	1.46	1.27	D
707	1802	3606.0	1.73	279	357	58	19.1	198.6	1.46	1.22	45.31	3603.4	.080	1.42	1.42	22.9	27.2	.258	.287	45.5	18.9	2.4	1.62	1.46	1.46	1.26	D
708	1844	3607.0	1.42	261	346	59	18.8	202.0	1.46	1.23	45.79	3604.8	.090	1.42	1.42	23.1	27.3	.252	.274	46.5	19.6	2.5	1.66	1.46	1.46	1.26	D
709	1916	3608.0	1.84	266	341	59	18.0	206.8	1.46	1.35	45.95	3605.7	.090	1.42	1.42	23.1	27.3	.244	.285	47.5	20.1	2.6	1.57	1.47	1.46	1.26	D
710	1958	3609.0	2.18	264	330	57	18.1	209.6	1.46	1.35	46.27	3606.7	.080	1.42	1.42	23.1	27.2	.251	.285	48.5	20.6	2.6	1.52	1.47	1.46	1.25	DX
711	2023	3610.0	2.04	269	330	57	18.3	210.3	1.46	1.37	46.11	3607.2	.080	1.42	1.42	23.1	27.4	.253	.282	49.5	21.1	2.7	1.55	1.47	1.46	1.25	D
712	2056	3611.0	1.99	270	340	57	17.6	206.8	1.46	1.34	46.58	3608.1	.080	1.42	1.42	23.2	27.1	.255	.277	50.5	21.6	2.7	1.53	1.47	1.46	1.25	D
713	2125	3612.0	2.32	263	349	57	16.3	206.8	1.46	1.33	46.90	3609.0	.080	1.42	1.42	23.2	27.3	.251	.279	51.5	22.1	2.8	1.49	1.47	1.46	1.25	D
714	2144	3613.0	3.05	265	355	57	17.5	207.5	1.46	1.20	46.74	3609.5	.080	1.42	1.42	23.2	27.1	.249	.282	52.5	22.4	2.8	1.42	1.47	1.46	1.25	D
715	2210	3614.0	2.40	282	358	57	18.1	208.2	1.46	1.31	46.74	3610.5	.080	1.42	1.42	23.2	26.9	.249	.283	53.5	22.8	2.9	1.50	1.47	1.46	1.25	D
716	2223	3615.0	3.17	272	349	57	18.6	208.9	1.46	1.27	46.58	3611.1	.080	1.42	1.42	23.1	26.9	.251	.287	54.5	23.1	2.9	1.45	1.47	1.46	1.26	D
717	2254	3616.0	2.32	283	341	57	19.1	206.8	1.47	1.29	46.74	3612.0	.080	1.42	1.42	23.1	26.8	.253	.285	55.5	23.5	3.0	1.54	1.47	1.46	1.25	D
718	2323	3617.0	2.29	271	336	57	19.0	198.6	1.46	1.24	46.42	3613.1	.080	1.42	1.42	23.1	26.4	.255	.283	56.5	24.0	3.0	1.54	1.47	1.46	1.25	D
719	2351	3618.0	1.95	282	345	57	19.6	195.8	1.46	1.32	45.47	3614.6	.090	1.42	1.42	23.0	26.0	.256	.279	57.5	24.5	3.1	1.60	1.47	1.46	1.25	D
	Date	Feb 20 '84																									
720	0047	3619.0	1.41	274	324	53	15.7	203.4	1.46	1.23	43.24	3616.7	.080	1.42	1.42	23.0	26.1	.250	.283	58.5	25.3	3.1	1.54	1.47	1.46	1.25	DX
721	0133	3620.0	1.34	282	339	54	15.9	201.3	1.46	1.27	42.45	3617.8	.080	1.42	1.42	23.2	26.4	.255	.285	59.5	26.0	3.2	1.56	1.48	1.46	1.25	D
722	0210	3621.0	1.52	291	440	53	17.3	200.6	1.47	1.20	41.18	3618.8	.080	1.42	1.42	23.6	26.5	.246	.283	60.5	26.6	3.3	1.57	1.48	1.46	1.25	D
723	0242	3622.1	2.01	268	413	54	18.8	206.8	1.46	1.25	41.02	3619.5	.080	1.42	1.42	23.3	26.5	.257	.279	61.4	27.2	3.3	1.55	1.48	1.46	1.25	D

+ Circulating Bottoms Up.
+ POOH w/ NB#29 HTC J33 8.5", drilled 62m in 27hrs.

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