ELF AQUITAINE NORGE A/S
Exploration Division
311D/78/85/PV/sb

WELLFILE

GEOLOGICAL COMPLETION REPORT

WELL 25/2-6

Author: P. Verdier

Stavanger, April 1978

I GENERAL AND GEOGRAPHICAL DATA

I.1 General

Country:	Norway
Area:	Block 25/2 (licence 026)
Owner:	Petronord Group
Operator:	Elf Aquitaine Norge A/S
Classification:	Wildcat
Drilling platform:	Polyglomar Driller
Dates: spudded:	30.07.77
start drilling:	01.08.77 31
end of drilling:	23.10.77 30 23 84
completed:	15.11.77
Total depth driller:	3750 m
Total depth logger:	3751 m

I.2 Geographical Data

Longitude:	02° 33' 05.963" E
Latitude:	59° 45' 33.548" N
Water depth:	117 m
RKB:	24 m
Seismic location	SP 490 - line 582 401

II GEOLOGICAL DATA AND RESULTS

II.1 Objectives

This well was located near the southern border of the 25/2 block (see encl. 1).

The main targets were the Jurassic detrital formations: Brent Sands and Statfjord Sands. In the 25/2-5 well the upper Brent Sands were oil bearing, while the Brent Sands and some levels in the Statfjord Sands gave good oil shows.

The 25/2-6 well was located on the same main structure as the 25/2-5. A location on the flank and not on the top of the structure was prognosed to have a maximum oil reserves appraisal in both Jurassic formations.

II.2 Uppermost and lowermost Formations

The uppermost geological formation consists of clays with sands intercalations, Pleistocene in age.

The lowermost formation consists of red-brown shales with minor sandstones, Triassic in age.

II.3 Status

Plugged and abandoned with hydrocarbon shows in the Statfjord formation.

The results of the reservoirs are as follows:

Brent Formation:	water bearing
Statfjord Formation:	hydrocarbon shows (3559 - 3571,5 m)

III GEOLOGICAL RESULTS

III.1 Lithology

See stratigraphical table (page 4), 1/5000 log and composite log (encl. 2 and 3).

All depths are recorded from RKB (MSL + 24 m).

Lignitic Series (192 - 1096 m)

Clay light grey sandy and Sand very fine to coarse friable with abundant shell fragments and lignite.
Age: Pleistocene to Miocene

Brown Clays Group (1096 - 2148,5 m)

1096 - 1500 m:
Clay medium grey to brown-grey, slightly glauconitic, sandy, grading to Siltstone with stringers of dolomite and Sands

1500 - 2148,5 m:
Claystone green-grey slightly calcareous and Shale, brown-grey to green-grey
Age: Oligocene to Middle Eocene

Sand Shale Group (2148,5 - 2631 m)

2148,5 - 2167 m, Upper Shales
Shale dark grey silty to Siltstone
Age: Paleocene to Lower Eocene

2167 - 2202 m, Tuff Zone
Tuff light grey and Shale dark grey silty
Age: Paleocene to Lower Eocene

2202 - 2361 m, Cod Sand
Sand, translucent very fine to coarse, locally Sandstone with some shaly intervals
Age: Paleocene

STRATIGRAPHICAL TABLE

STRATIGRAPHICAL UNIT	DEPTH RKB (m)	DEPTH MSL (m)	THICKNESS
	141,0	117,0	
Pleistocene to Miocene			955,0
	1096,0	1072,0	
Oligocene to Mid Eocene			1052,5
	2148,5	2124,5	
Lower Eocene to Paleocene			482,5
	2631,0	2607,0	
Maestrichtian			255,0
	2886,0	2862,0	
Campanian			135,0
	3021,0	2997,0	
Turonian			62,0
	3083,0	3059,0	
Portlandian to Callovian			158,0
	3241,0	3217,0	
Dogger			76,0
	3317,0	3293,0	
Liassic			388,0
	3705,0	3681,0	
Triassic			46,0
TD	3751,0	3727,0	

2361 - 2631 m, Lower Sand/Shale Member

Shale, medium grey silty grading to siltstone, alternating with Sands and Sandstone glauconitic in parts

Age: Paleocene to Danian

Cretaceous Formations (2631 - 3083 m)

2631 - 2886 m, Cretaceous Chalk

Limestone white-cream, microcristalline with streaks of Shale and Marl

Age: Maestrichtian

2886 - 3021 m

Shale light grey occasionally silty with some stringers of limestone

Age: Campanian

3021 - 3083 m

Alternating of Shale grey slightly silty, pyritic and glauconitic Marl white, slightly silty glauconitic, with some Shale red-brown

Age: Turonian

Jurassic Formations (3083 - 3705 m)

3083 - 3241 m, Upper Jurassic

Shale dark grey to dark brown, micromicaceous pyritic with some streaks of Limestone partly argillaceous

Age: Portlandian to Callovian

3241 - 3317 m, Brent Formation

Sandstone, brownish to grey, very fine to coarse, occasionally microconglomeratic with streaks of coal black brittle, laminae of organic material and rare Shale black silty

Age: Dogger

3317 - 3504 m, Dunlin Formation

Shale grey-beige to grey-brown, micaceous silty to very silty with streaks of Sandstone very fine and Siltstone

Age: Liassic

3504 - 3705 m, Statfjord Formation

Sandstone medium to light grey fine to coarse, becoming locally Sand and Shale medium dark grey

Age: Basal Liassic

Triassic (3705 - 3751 m, T.D.)

Shale red brown and greenish grey, microsilty with minor Sandstone whitish

Age: Triassic undifferenciated

III.2 Structural Results

Seismic Data

Stratigraphical units and markers	Prognosed depth MSL (m)	Well MSL (m)	Δz (m)
Top of Frigg Sands	- 2095	- 2091	+ 4
Top of Chalk - C2	- 2647	- 2607	+ 40
Top of Turonian - M1	- 3008	- 2997	+ 11
Kimmerian unconformity - M2	- 3069	- 3059	+ 10
(Top of Dogger)	- 3105	- 3217	- 112
Bottom of Dogger	- 3269	- 3287	- 18
(Top of Statfjord)	- 3435	- 3480	- 45
Top of Trias	- 3623	- 3681	- 58

Dipmeter Results

Statistical analysis of the dipmeter results confirm the well position on the western flank of a NS structure which is indicated by the dips comprised between 2W and 7W. The general evolution of the dips give an N10 subhorizontal structural axis. Some minor dip evolutions are reported to minor faults:

- at 2675 m it concerns a NNW-SSE probably antithetic fault
- at 2710 m it concerns a WSW-ENE fault

- at 2980 m it concerns a NNW-SSE probably synthetic fault
- at 3285 m it concerns a ENE-WSW fault which is affecting the Brent Sands, but it is not possible to obtain more accurate details

III.3 Reservoirs

Paleocene Sands = Cod Sands (2202 - 2361 m)

Sand, translucent, coarse to very fine, subrounded to rounded, and Sandstone, whitish, coarse to fine, subrounded, medium hard, with siliceous calcareous cement, with interbeds of shale grey, medium dark grey, soft.

Gross pay:	159 m
Net pay:	135 m
Average porosity:	30%
Shows:	less than .05% Cl - no cuts

Danian Sands (2450 - 2631 m)

Sandstone white-grey, firm locally hard, medium to fine, subangular to subrounded, poorly sorted, siliceous slightly calcareous cement and Sands with interbeds of Shale grey, soft and traces of limestones.

Gross pay:	168 m
Net pay:	61 m
Average porosity:	7 - 25%
Shows:	less than 0.1% Cl - no cuts

Jurassic Formations

3241 - 3317 m, BRENT SANDS

Sandstone dark to light grey, coarse to very fine, subangular to subrounded, moderately sorted, hard, with occurences of conglomerate, pebbles, and pyritic nodules with stringers of organic argillaceous pyritic siltstone and coal.

Gross pay:	76 m
Net pay:	53 m (cut off at 60 API)
Average porosity:	16%

Reservoir intervals:

3241 - 3248 m		Ø = 13 - 20%
3252,5 - 3256 m	(core No. 2)	Ø = 14%
3259 - 3269 m	(core No. 3)	Ø = 15%
3271 - 3272 m	(core No. 3)	Ø = 17%
3272,5 - 3294,5 m		Ø = 20%
3295 - 3304,5 m		Ø = 12%

The petrophysical results from the 3253,4 - 3271,8 cored interval are as follows:

Average porosity:	17% (9% to 23%)
Average permeability:	8 md (0.01 - 534 md)

Shows:

No fluorescences on cuttings.

No gas shows were recorded during drilling except in the lignitic streaks.

3504 - 3684 m, STATFJORD SANDS

Sandstone, medium to dark grey, coarse to fine, subrounded, moderately sorted, medium hard, moderately to poorly cemented, and Shale medium dark grey, buff, micromicaceous, microsilty, pyritic.

Gross pay:	180 m
Net pay:	84.5 m (cut off at GR 60 API due to high reading in shales)

Main reservoir intervals:

3504 - 3413,5 m	Ø = 14%
3519 - 3420 m	Ø = 8%
3421 - 3424 m	Ø = 12%
3429,5 - 3431 m	Ø = 11%
3534,5 - 3535,5 m	Ø = 8%
3540,5 - 3541,5 m	Ø = 12%
3559 - 3571,5 m	Ø = 19%
3595 - 3598,5 m	Ø = 9%
3616,5 - 3621 m	Ø = 18%

3623 - 3627 m	Ø = 13%
3631 - 3639 m	Ø = 17%
3641 - 3642,5 m	Ø = 15%
3643,5 - 3646,5 m	Ø = 13%
3647 - 3662 m	Ø = 16%
3664 - 3669 m	Ø = 13%
3674,5 - 3683,5 m	Ø = 15%

Average porosity (computed): 13%

Note: The petrophysical results from core 4 (3509,7 - 3518,68 m) are: Average porosity: 14%
Average permeability: 1 md

Shows:
During drilling neither fluorescences on cuttings nor gas shows were observed. On core 4 good yellow fluorescences have been observed in the lower interval between 3415,5 and 3518,68 m. An amount of 18 sidewall cores have been taken in two of these reservoirs. On all of them whitish-yellow fluorescences have been described. These sidewall cores have been wrapped up and sent to the laboratory for reservoir studies.

III.4 Fluids and Pressures

An amount of 64 RFTs and 4 FITs have been performed in both Brent and Statfjord formations. The recorded pressures of 19 in the Brent and of 25 in the Statfjord are valuable. The results for each zone are presented on plate 5.

Brent Formation

Samplings have been performed in four zones (3243,3 - 3257,8 - 3267,5 - and 3286 m). Four recovered only filtrate and mud, the only sample which should be representative of the formation recovered (at 3286 m) 19 liters of filtrate and 56 liters of gas (with 12,5% C1, 0,4% C2, 0.1% C2, traces of C4). Due to the low gas/water ratio this recovered gas is representative of gas dissolved in water. The formation pressure gradient deduced from the recorded data is aobut 1.02.

According to these data the Brent formation is consequently assumed to be water bearing.

Statfjord Formation

Several samplings have been performed in some intervals, but mainly in the 3449 - 3471 m interval where electric logs showed hydrocarbon possibilities. Three samplings recovered oil, gas and emulsion.

Test No. 22 at 3563,1 m recovered after 30 minutes:

2 liters of oil d = 0.81 44,5 API
5,5 liters of gas
4,4 liters of emulsion

Test No. 28 at 3563 m recovered after 7 minutes:

2 liters of oil
7 liters of gas
1,5 liters of emulsion

Test No. 38 at 3568,3 m recovered:

0,35 liters of oil
110 liters of gas
2,65 liters of mud and filtrate

Other FITs were also attempted: At 3530,5 m only mud was sampled, at 3561,5 m 10 liters of emulsion of oil, filtrate and mud and 1,5 liters of gas were sampled confirming the hydrocarbon possibilities of the 3559 - 3571 m interval.

From these test results, the log analysis and computations and the fluorescences on some sidewall cores, the Statfjord formation can be devided in the following zones:

3504 - 3520 m:	water bearing zone
3520 - 3559 m:	residual hydrocarbon zone
3559 - 3571 m:	oil bearing zone
3571 - 3684 m:	water bearing zone

Only some oil analysis results from test 22 at 3563,1 m are actually available. They can be resumed as follows:

specific gravity (at 15.4° C)	0.8101
specific gravity (at 20.4° C)	0.8042
API gravity	44,5
viscosity at 20° C	2.79 C st
	2.24 C po
	1.20 degrees e
at 50° C	1.83 C st
	1.42 C po
	1.12 degrees e
pour point	- 34° C
total sulphur	0.079%
H_2S - no	not measurable

All other samples have been sent to the Elf Boussens laboratory.

The formation pressure gradient deduced from the recorded data is about 1.02.

CONCLUSIONS

The well was drilled in 84 days and bottomed in the Triassic red beds. The final status is hydrocarbon shows in the Statfjord sands between 3559 and 3571,5 m.

The aim of this well was to define the extension of the 25/2-5 Jurassic reservoirs which were oil bearing in the Brent sands and which gave good oil shows both in Brent and in Statfjord levels. These points, mainly concerning the Brent hydrocarbon potentials, have not been confirmed. This has to be related to a thickening of the upper Jurassic shaly formation. This thickening may modify the seismic figure of the Infra-M2 series, mainly for the locally reduced Brent formation. The reasons of this reduction may be related to the kind and geometry of the deposits and/or to effective faults.

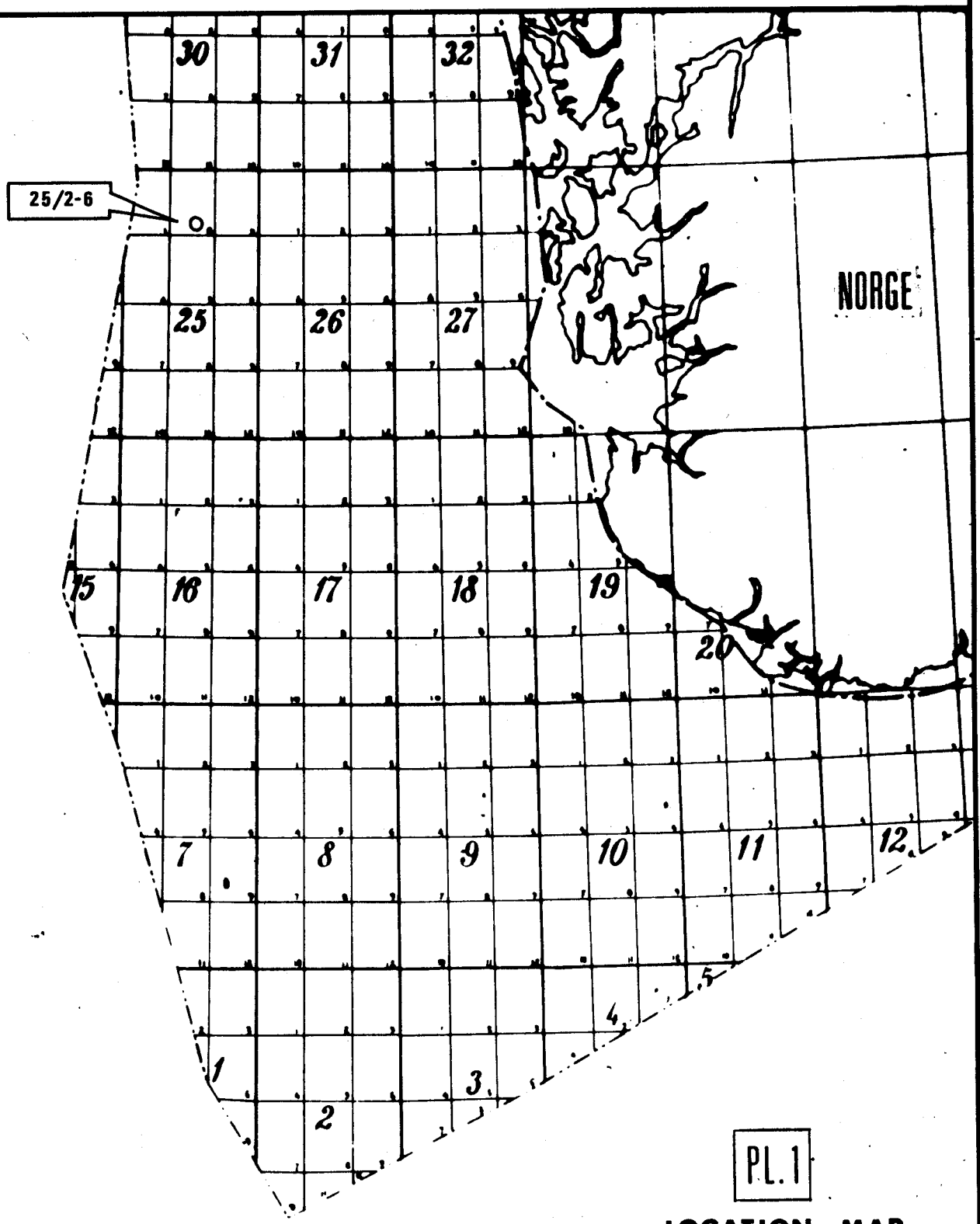
The Statfjord sands (3504 - 3684 m RKB) has to be considered as oil bearing with a net pay of 12 m between 3559 and 3571 m. The upper 3504 - 3559 m interval is multilayered with waterbearing and residual hydrocarbon levels. The pressures of these reservoirs are all of a hydrostatic type (equivalent density = 1.02).

E N C L O S U R E S

1. Situation map
2. 1/5000 log
3. Composite log 1/500
4. Log results 1/5000
5. Pressures versus depth diagram

Position Map

25/2-6



PL.1

LOCATION MAP

GEOL. WELL PROGNOSIS 25/2-6

Coord X: 02° 33' 05,963" E Y: 59° 45' 33,548" N	Z ground: 117 m Z RKB: 24 m	Spudded: 30 - 7 - 1977 Started drilling: 1 - 8 - 1977 At T.D: 3750 m on October 23rd Completed: 15.11.77	Well **25/2-6**
Line: 582 401	SP: 490 141 m	T D Driller: 3750 m T.D. Logger: 3751 m	Country NORWAY off-shore
Depths datum: RKB			
Rig: POLYGLOMAR DRILLER			
Stopped in: TRIASSIC			

OPERATOR ELF NORGE A/S

LICENCE 026 **OWNED BY** PETRONORD

TARGETS

JURASSIC SANDSTONES = BRENT and Statfjord Sands

RESULTS

PLUGGED AND ABANDONED HYDROCARBON SHOWS IN STATFJORD SANDS (3559-3571.5)

CASINGS

30": 190 m

20": 740 m

13 3/8": 2824 m

9 5/8": 3126 m

CORES

K1	3159.6 - 3165	100%
K2	3253.4 - 3262.4	100%
K3	3262.4 - 3271.8	100%
K4	3509.7 - 3518.9	96%
CST1	742 - 2824	18
2		13
3		6
CST4	2824 - 3134	19
5		26
CST	3128 - 3750	
6		26
7		23
8		28
9		25

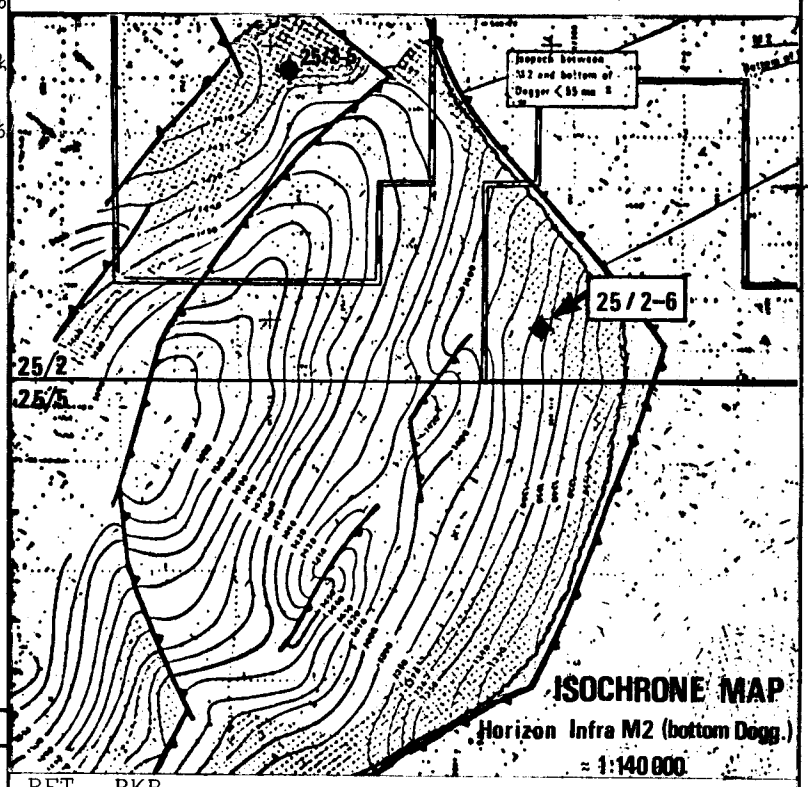
SHOWS

3075 m - 3100 m
max. 0,5% C1 to C4

3240 m - 3315 m
max. 2% C1 to C4

3800 m - 3590 m
max. 0,5% C1 to C4

Good fluos on core 4 below 3515 m



LOGS

ISF-SL/GR	191.5-712m (GR to 141m)	1	FDC/GR CNL-CAL	3127-3356	1
id	4625-750m	2		3128-37505	2
id	742-2834,5	3	HDT	742-2834	1
BHC/GR	2824-3104	4		2824-3134	2
BHC/GR	3000-3135	5		3128-3355	3
ISF	2825-3135.5	4		3300-3747	4
BHC/GR	3128-3218.5	6	CBL	1575-2824	1
BHC/GR, ISF	3128-3356,5	7, 5		516-847.5	2
				2589-3201	3
BHC/GR, ISF	3325-3542	8, 6			
BHC/GR, ISF	3828-3753	9, 7		2450-3144	4
ISF	3128-3799		GR spect	3128-3750	1
DLL-MSFL	3225-3745,5	1			

TESTS

RFT	RKB		
1	3263,5 m	4759 psi	
2	3258 m	4690 psi	
3	3251.3 m	18 psi	
4	3247.5 m	0	
5	3243.3 m	4667 psi	rec. filtrate
6	3257.8 m	4689 psi	rec. 0,5 l filtrate
7	3286 m	4702 psi	rec. 19,0 l water + 56 l dissolved gas
8	3288.5 m	4708 psi	
9	3242.5 m	4648 psi	
10	3286 m	4725 psi	
11	3530.6 m	5184 psi	
12	3523.2 m	5123 psi	
13	3507 m	5056 psi	
14	3505.1 m	5048 psi	
15	3509.2 m	5058 psi	
16A	3286 m	4688 psi	rec. 1400 cc filtrate
16B	3561 m	5124 psi	
17	3648 m	5258 psi	

Checked P. VERDIER

Date 23/01/78

WELL NAME	25/2-6	COMPLETION DATE	6th Jan 1978

COMPOSITE LOG

NORWAY
off-shore

scale 1/1000

DATE SPUDDED	1st Nov 1977
DATE REACHED TD	1st Dec 1977
DATE RIG RELEASED	6th Jan 1978
DATE COMPLETED	6th Jan 1978
TOTAL DEPTH (TD)	4250 m
PROGRESS AT SPUD	1 Frame, 1 Video
PROGRESS AT RELEASE	1 Frame, 1 Video
STATUS	P.A. Gravity data (Video and Log)

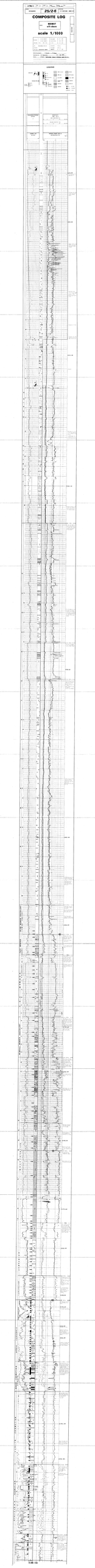
LEGEND

Lithology	Sandstone	Hydrocarbon Indications	Oil Show
	Limestone		Gas Show
	Dolomite		Oil Stain
	Coal		Fluorescence
	Anhydrite		Cut
	Salt		Residue
	Shale		Gas Peak
	Igneous		Oil Peak
	Metamorphic		Gas Trap
	Chert		Oil Trap

Casing Shoe	1
Core	2
Drill Stem Test	3
Fault	4
Formation Boundary	5
Gas Sample	6
Oil Sample	7
Water Sample	8
Lost Circulation	9
Mud Change	10
Mud Loss	11
Mud Gain	12
Pressure Change	13
Temperature Change	14
Drilling Break	15
Bit Change	16
Bit Run	17
Hole Deviation	18
Hole Enlargement	19
Hole Washout	20
Hole Fill	21
Hole Tight	22
Hole Stuck	23
Fish	24
Cement Plug	25
Cement Squeeze	26
Perforation	27
Production Test	28
Injection Test	29
Abandonment Plug	30

Hydrocarbon Indications	Oil Show
	Gas Show
	Oil Stain
	Fluorescence
	Cut
	Residue
	Gas Peak
	Oil Peak
	Gas Trap
	Oil Trap

Casing Shoe	1
Core	2
Drill Stem Test	3
Fault	4
Formation Boundary	5
Gas Sample	6
Oil Sample	7
Water Sample	8
Lost Circulation	9
Mud Change	10
Mud Loss	11
Mud Gain	12
Pressure Change	13
Temperature Change	14
Drilling Break	15
Bit Change	16
Bit Run	17
Hole Deviation	18
Hole Enlargement	19
Hole Washout	20
Hole Fill	21
Hole Tight	22
Hole Stuck	23
Fish	24
Cement Plug	25
Cement Squeeze	26
Perforation	27
Production Test	28
Injection Test	29
Abandonment Plug	30



Z RKB 24m
Z Ground
11/m²

Well: **25/2-6**

Depths E	Litho-section	Formations	Stages	Shows	Descriptions Obs.
					Sea Level
24					
100					
141					Sea bottom
200		30" 192m			
300 1000					Sd and Cly gry, Sdy
400					
500		SERIES	PLEISTOCENE		Sd f to crs, w/abundt Shell frgts Loc Sdst f to crs.
600 2000					Lignite
700		20" 742m			
800			TO		Sd crs and v.f. Sdst grading to Slst gry-brwn, w/glauc. and pyr.
900 3000		LIGNITIC	MIOCENE		
1000					
1096					

Depths	Stratigraphy			Descriptions
1200 4000	BROWN CLAYS GROUP	OLIGOCENE		Cly Gry-brown, Slty Strgs of beige, LMST, and white Sdst pyrite.
1300				
1400				Frec. Sd crs to Mud Strgs of wh, Sdst, f, glauc, Loc pyrited and LMST beige, Hd, Sl.Dol, glauc.
1500 5000				
1520				
1600		UPPER EOCENE		
1700				
1800 6000				
1900		MIDDLE TO		Cly Gry w/Strgs of Dol brwn.
2000				Tr. of Sh apple green
2100				
2115 7000	U.SD/SH GR.	LEOCENE		TR of Red SH and Sd Med rnd, transl.
2200				2208 Snd and Sdst f to crs, calc cemt w/ interbeds of Sh lght gry. Tr.of grey white volcanic ashes.
2260	L.SD/SH GROUP COD MBR TUFF ZONE	PALEOCENE		Snd and Sdst a/a w/minor Sh gry, rust brn.
2300				

Z RKB + 24m
Z Ground 117m

Well: **25/2-6**

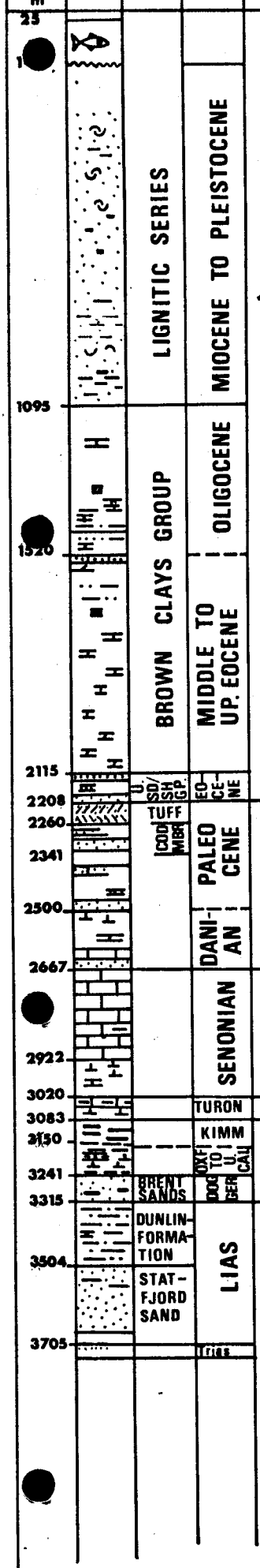
Depths m	Litho-section	Formations	Stages	Shows	Descriptions. Obs.
2400		LOWER SD/SH GROUP (COD)	PALEOCENE		Sh md drk to lght gry, soft slty w/stringers
8000					Sdst f, md, calc cmt, Snd crs, fn, rnd Sltst brn gry, md hd
2500			DANIAN		Occurence of Marl, wht, plastic, occ. sndy.
2600					C2 2631 RKB
2700			MAESTRICHTIAN		Lmst wht to beige, hd, microx occ. argillaceous. Levels of Sh. grey-green, soft, calc.
9000					
2800	13 3/8 2824m				
2900		Cretaceous	SENONIAN		
3000					M1 3021 RKB
10000			TURON.		Marl light grey to buff soft and Lmst buffarg.
3100	9 5/8 3128m				M2 3083 RKB
3200	K1		OXF-KIMM.	c1 to c4 max 4%	Sh dark brown to black grey, med. hd, microsilty, micromic, subfissile w/pyrite intbds w/strgs of Lmst micritic
	K2 K3	BRENT SANDS	DOGGER	Traces c1 to c4	3241m Sst med lght grey, f to crs, mod. srtd, hd w/pebbles and pyr. nod. coal and shaly laminae 3317m
3300					
11000		DUNLIN SHALE	LIASSIC		Siltstone lght grey, shaly micac. pyr w/strgs of Lmst and Dolomite.
3400					Shale lght to med gr. sl. silty, micac, pyritic w/strgs of Lmst and Dolomite buff.
3500					

Depths m	Litho-section	Formations	Stages	Shows	Descriptions. Obs.
3500	K4	STATFJORD SAND	LIASSIC	c1 to c4 max 0.4%	3504 m Sdst, f to crs, srd, med. hd, siliceous cmt, gry, levels of Sh dk gry, hd, pyritic to v. pyritic, and Coal.
3600					
12000					
3700			TRIASSIC		3684m Sh buff lght buff, microsilty, mic. 3705m Shale, pale red and gr. grey, microsilty, micromic. sl. calc.
3800					TD Driller = 3750 m Logger = 3751 m

TESTS RFT

18	3636 m	5239 psi	
19	3619.5 m	5223 psi	
21	3561 m	5124 psi	
22	3563.1	5150 psi	rec. 2000 cc oil 4400 cc oil+filt+mud 5500 cc gas
23	3567.5 m	5167 psi	
24	3541 m	4869 psi	
25	3544 m	4898 psi	
26	3505.5 m	5090 psi	
27	3561 m	5154 psi	
28	3563 m	5151 psi	rec. 2000 cc oil 7000 cc gas 1500 cc oil + filt
36	3543,6 m	5301 psi	
37	3568.2 m	5189 psi	
38	3568.3 m	5186 psi	rec. 110,000 gas 2650 cc filt + 350 cc oil
40	3530.6 m	5287 psi	
49	3243.5 m	4706 psi	
50	3242.5 m	4704 psi	
52	3242.7 m	4704 psi	
53	3242.9 m	4703 psi	
54	3254 m	4729 psi	
55	3243.5	4706 psi	
56	3243.7 m	4706 psi	
57	3267.5 m	4742 psi	rec. 21400 cc wat. + filt + mud
62	3570.8 m	5200 psi	
63	3570.8 m	5203 psi	
64	3570.6 m	5200 psi	rec 200 cc filtrate + mud

FIT 1 3561 failure
FIT 2 3561,5 10.000 cc oil+mud+filt, 1.500 cc gas
FIT 3 3530,5 10.000 cc mud
FIT 4 3530.5 2.000 cc mud



Sd and Cly gry,sdy

Sd f.to crs,w/abundt Shell frgts.,loc.Sdst f.to crs Lignite

Sd crs and v.f. Sdst grading to Slst gry-brn, w/Glauc.and Pyr.

Cly gry-brn,slty strgs of beige Lmst and wht Sdst Pyrite

Cly gry w/strgs of Dol brwn

Tr. of Sh apple grn

Tr. of red Sh and Sd med rnd, transl.
Sd and Sdst f to crs, calc. cement w/intbds of Sh lght gry. Tr. of gry wht volc. ashes.
Minor Sh gry, rust brwn.
Sh md dk to lght gry w/ strgs of Sdst f to med.
Sd crs, f, rd.
Lmstwwht Slst brwn gry, hd to beige, hd.
Lmst wht-beige, loc. pink med hd to hd.
strgs of Sh gry-brwn, soft, micaceous.
Red Marl sft.
Sh lght gry,gry, sft, sl. calc.
Lmst buff, argil., slty marl wht Sh, pink, grn, sft.
Sh dk brwn, med. hd, slty w/blck org. matter.
Lmst buff argil. and bcg Sh calc.
Sdst lght gry, f to v.f , med. hd, levels of coal
Sh slty and Slst gry, micac., pyr., med. hd.
Sdst f to crs srd, siliceous cement, levels of Sh dk-gry, med, pyr.
Red Br. Sh

COORD: X 0,2 33′ 05,963″ E
Y 59 45′ 33,548″ N
Line 582401 SP 490
Sea depth- 117 m (RKB+24m)

WELL: 25/2-6

COUNTRY: NORWAY

LIC: 026

DEPTH REF: RKB

NOTA :

CASINGS

30″ : 190m
20″ : 740m
13″3/8 :2824m
9″5/8 :3126m

TARGETS:

JURASSIC SANDSTONES

RESULTS:

OBSERVATIONS:

WELL IN PROGRESS

DEPTHS m	LITHOL	FORM	STALE	MARKERS SEISMIC	DESCRIPTIONS OBS.
3083			TURONIAN		Mrl whtsh, pnky, sft Lmst buff, argillaceous slty. Sh rd-brn, sft, calc.
			CALLOVIAN TO KIMMERIDGIAN	M 2 3059m MSL	Sh dk-brwn, md hd, m mic, slty, w/blck org. matter pyrit.
3184					Lmst buff, argillaceous sft, bcg Sh poorly calc, pyrit, org. matter.
3241		BRENT SANDS	DOGGER		Sdst lght gry, f to v. f.; md hd, subang. to srd, poorly sorted, feldsp cement, w/blck org. matter and mica. Levels of coal.
3315		DUNLIN FORMATION	LIAS	BOTTOM OF DOGGER 3291m MSL	Slst to Sh slty gry to lght gry, md hd, mic. pyritic, strgs of Sd md to crs, subang, to srd. Lmst brwn tight Lmst beige tight sputted Dol brwn
3504		STATFJORD SANDS		3548	Sdst f. to crs, srd, siliceous cement, lght gr, levels of Sh dk gry, hd, pyritic to v. pyritic.

COORD: X 02 33′ 05,963"E
Y 59 45′ 33,548"N
Line 582401 SP 490
Sea depth 117 m(RKB+24m)

WELL: 25/2-6

COUNTRY: NORWAY

LIC: 026

DEPTH REF: RKB

NOTA :

CASINGS

30" 190 m
20" 740 m
13"3/8 2824m
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TARGETS:

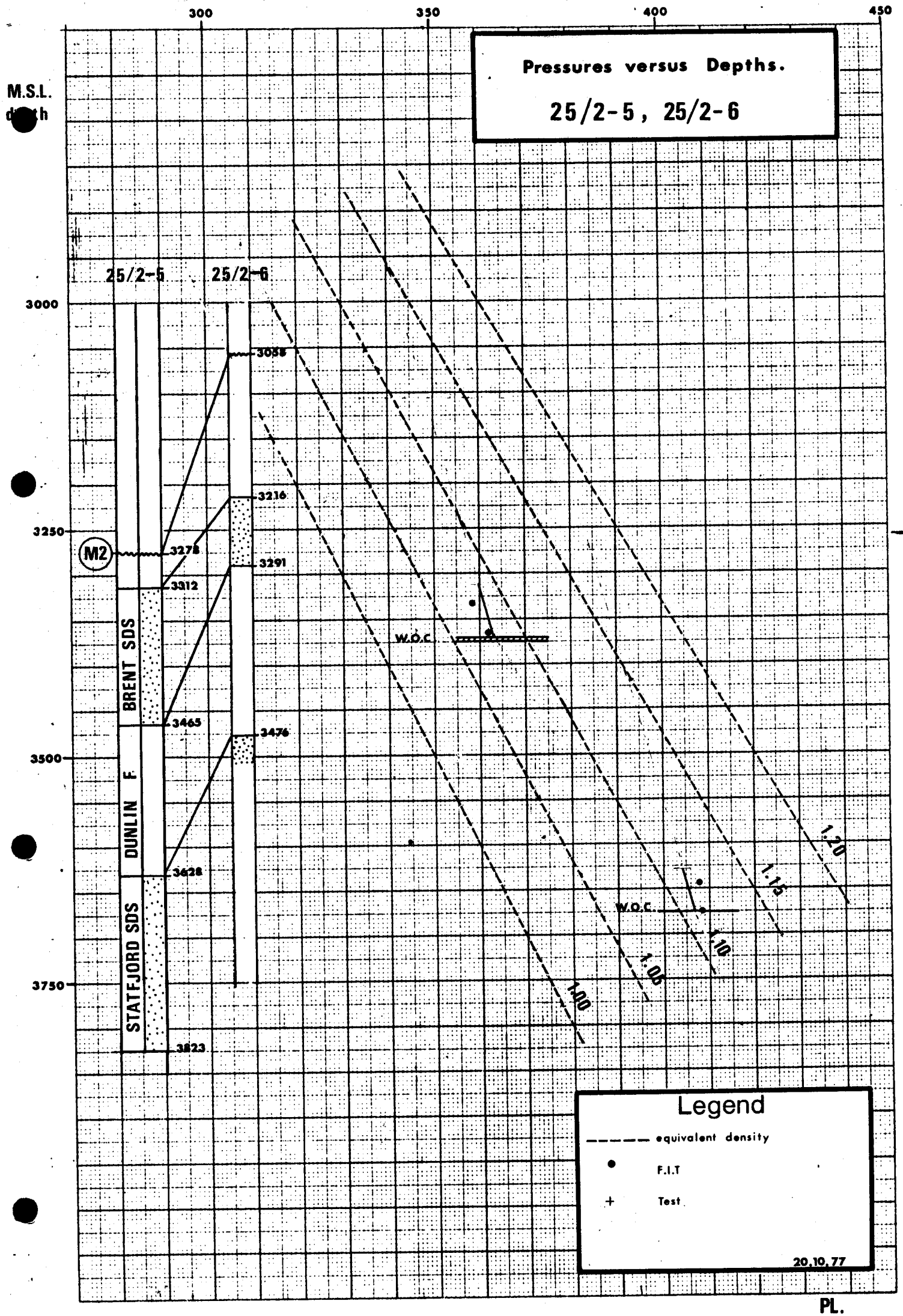
JURASSIC SANDSTONES

RESULTS:

OBSERVATIONS:

WELL IN PROGRESS

P. Biens
20/10-77


Pressures versus Depths.
25/2-5 , 25/2-6
M.S.L. depth
300
350
400
450
3000
3250
3500
3750
25/2-5
25/2-6
M2
3278
3312
3465
3628
3823
3058
3216
3291
3476
BRENT SDS
DUNLIN F.
STATFJORD SDS
W.O.C.
W.O.C.
1.00
1.05
1.10
1.15
1.20
Legend
equivalent density
F.I.T
Test
20.10.77

PL.