SIMON PETROLEUM TECHNOLOGY

WELL: 34/7-5

Print: 5694A
Units: [✓ M] F
Length: 26 FT
Initials: IC

Top	Bottom	Scale	TD
260	3150	1:500	3146

DIGITAL WIRELINE LOGS PACKAGE
1994
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SPT

COMPLETION LOG

U-448 Completion-0 K

ESSO / STATOIL / NORSK HYDRO / ELF
DEMINEX / DNO

18 SEPT. 1985
REGISTRERT
OLJEDIREKTORATET

Saga Petroleum a.s.

Composite Well Log

Well 34/7-5

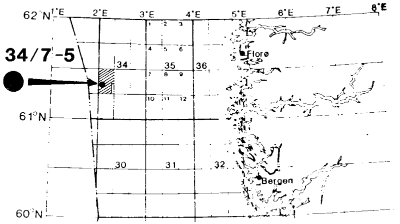
SCALE	1:500
COUNTRY	Norway
AREA	Tampen Spur
OPERATOR	Saga Petroleum a.s.
LICENCE	089
RIG TAKEN OVER BY THE LICENCE	January 16. 1985
DATE SPUDDED	January 17. 1985
T.D. DATE	February 22. 1985
RIG RELEASED	March 16. 1985
COMPLETION STATUS	P & A as an OIL DISCOVERY

RIG	Treasure Saga
LOCATION COORDINATES	
LATITUDE	61°21'54.95"N
LONGITUDE	02°01'23.67"E
ELEVATIONS	
RKB-MEAN SEA LEVEL	26m
RKB-SEA FLOOR	270m
WATER DEPTH	244m MSL
TOTAL DEPTH	
driller's depth	3146m RKB
logger's depth	3146.3m RKB

DRILLING CONTRACTOR	MUDLOGGING SERVICE
WILH. WILHELMSEN	**EXPLORATION LOGGING**

CASING	SHOE (mRKB)	HOLE SIZE	INTERVAL (mRKB)
30"	380	36"	270-384
20"	913	26"	384-930
13 3/8"	1844	17 1/2"	930-1865
9 5/8"	2636	12 1/4"	1865-3146

LOCATION MAP



WIRELINE LOGS

DRESSER ATLAS

Casing Record	Hole Size	Logged Interval (m RKB)	Type of Log
30" 380 m	36" to 384 m		GR to surface
20" 913 m	17 1/2" (26") to 930 m	379.5 - 929.0 379.5 - 929.0	DIFL-LSBHC-GR CDL-GR
13 3/8" 1844 m	17 1/2" to 1865 m	912.0 - 1863.5 912.0 - 1860.7	DIFL-LSBHC-GR CDL-GR
	12 1/4" to 3146 m	2450.0 - 2746.5 1843.0 - 2746.5	DLL-MLL-GR CDL-CNL-GR FMT
9 5/8" 2636 m		1840.0 - 3143.0 2440.0 - 2610.0 2891.0 - 3115.0 680.0 - 1840.0 2470.0 - 3143.0 1840.0 - 3143.0	DIFL-LSBHC-GR Signaturelog Signaturelog ACBL CDL-CNL-GR DIPLOG FMT
		141 rec.	VSP SWC
T.D. 3146.3 m			

AUTHOR: **U.M.Stenstadvold** APPR. **B.Gustavsen** DRAFTED BY: **R.H.Kjølstad** DATE: **June**

GEOLOGICAL SYMBOLS

▤ CLAY/ CLAYSTONE

▤ SHALE

▤ SILTSTONE

▨ SAND/ SANDSTONE

▨ CONGLOMERATE

▨ BRECCIA

▦ LIMESTONE

▦ CHALK

▨ DOLOMITE

▨ MARL

▦ SALT

▨ ANHYDRITE/ GYPSUM

▨ VOLCANICS

▬ COAL

▨ GNEISSEOUS/ BASEMENT

LITH.PREFIXES

- ⊥ CALCAREOUS
- ∠ DOLOMITIC
- _ ARGILLACEOUS
- ▽ CHERTY
- ✳ GLAUCONITIC
- M MICACEOUS
- P PYRITIC
- V TUFFACEOUS
- ∫∫ METAMORPHICS
- ⊕ SIDERITE

FOS

- FC
- SH
- MA
- FC

WELL LOG SYMBOLS

➤ SIDEWALL CORE

▷ SIDEWALL CORE, NO RECOVERY

▮ CORE

● RFT

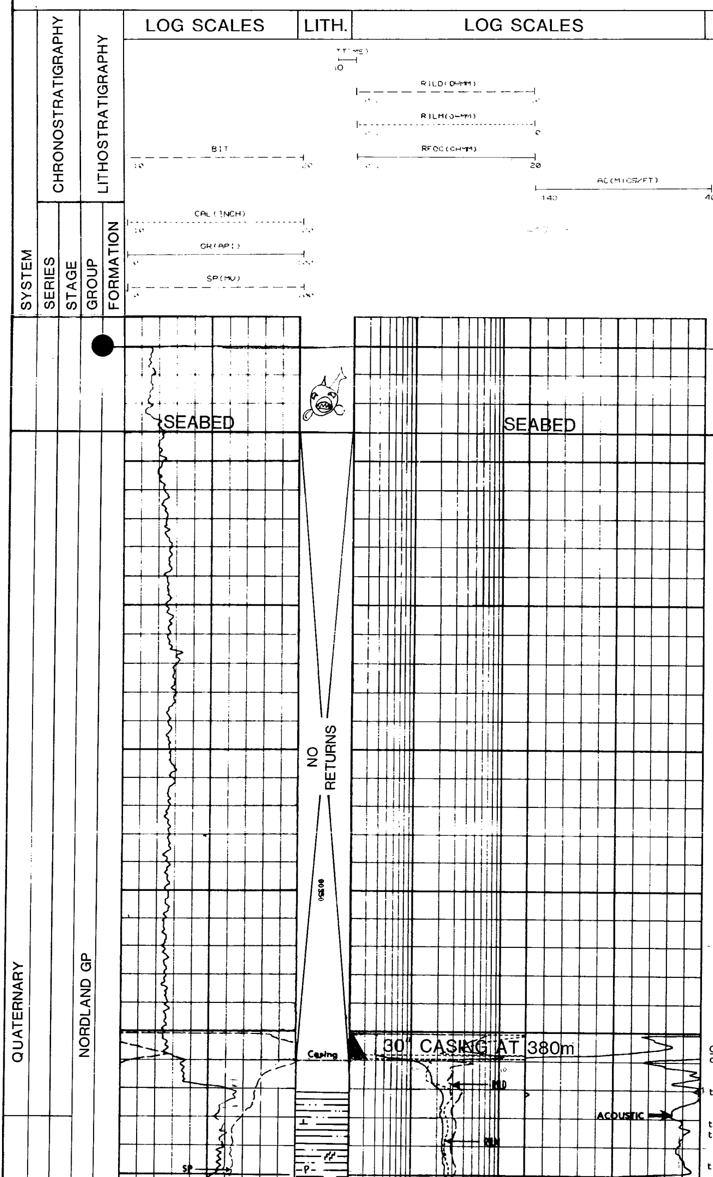
◕ SHOWS,FLUORESCENCE AND CUT

◔ SHOWS, STAIN, FLUORESCENCE, AND CUT

☼ GAS, ON LOGS

◣ CASING SHOE

DRILL STEM TE



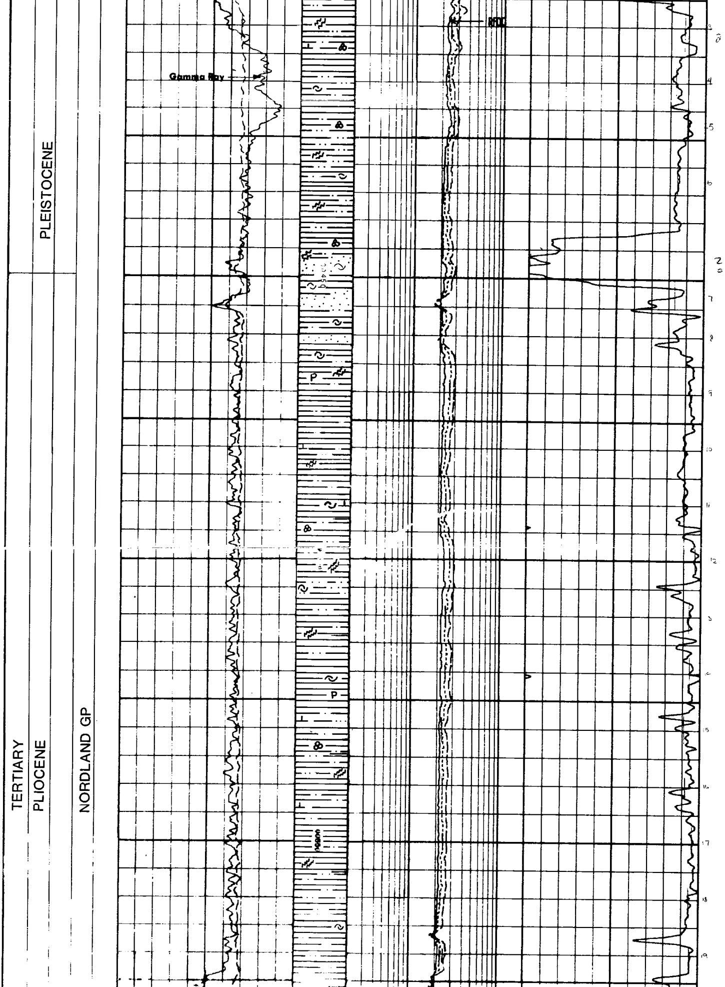
DESCRI
REMARK

270m
330m

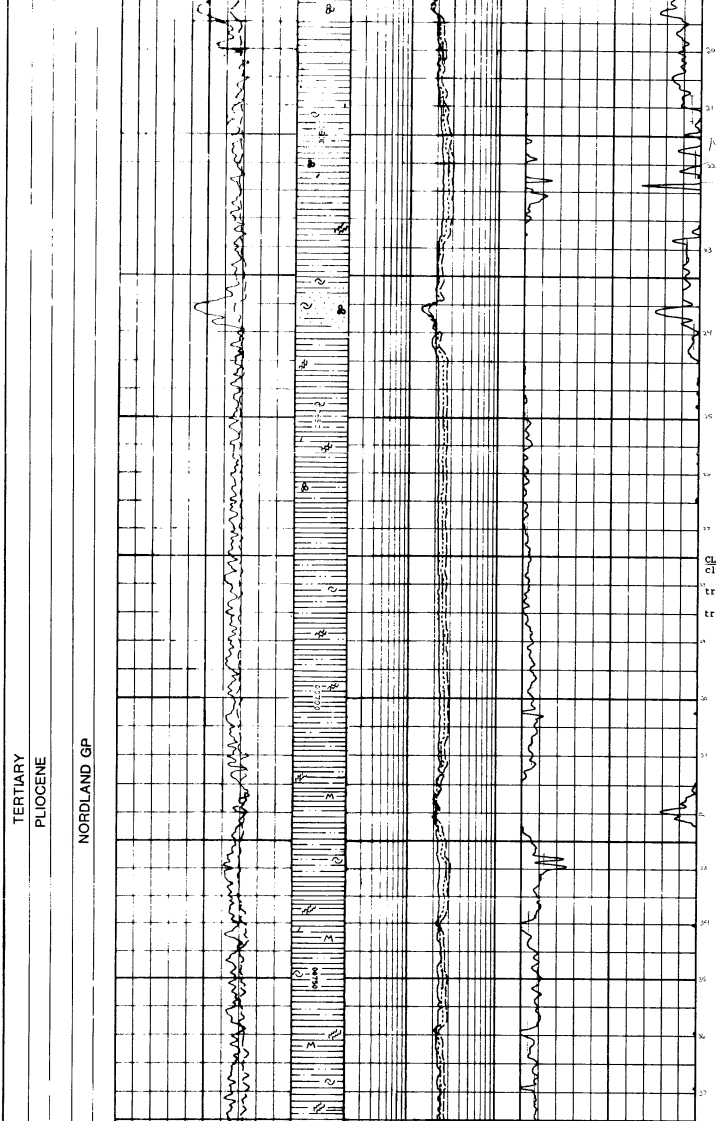
CLAYSTONE

clyst: slty
sdy,
sl s
tr: sd,
vf-v
ang-
tr: ls/d
tr: rock
mica
quar
tr: shel

fora

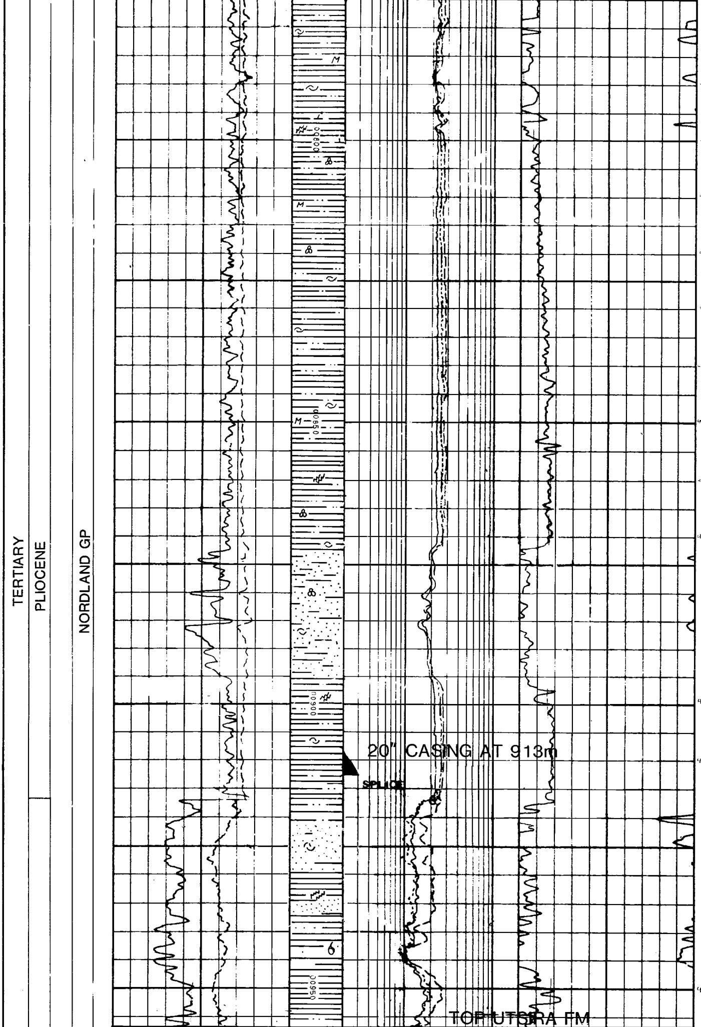


clyst:
tr:



CLAYSTONE

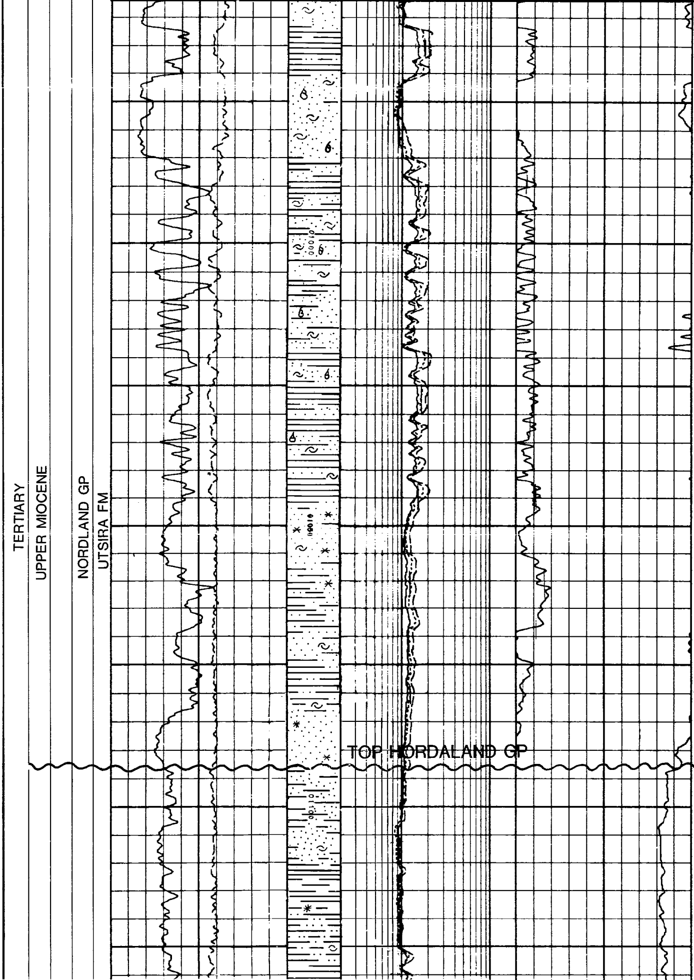
clyst: aren, ▪
stc, sl
tr: sd, clr
w srtd,
tr: rock fr
frags,



clyst: as abo
tr: sltst,
fri, s
tr: else a

SAND
sd: clr qtz
srtd, s
tr: forams,

956.5m (-9



992 ms

SANDSTONE INTERB
CLAYSTONE

ss: clr qtz
srtd, s
clyst: as abov
tr: as abov

51

52

53

54

55

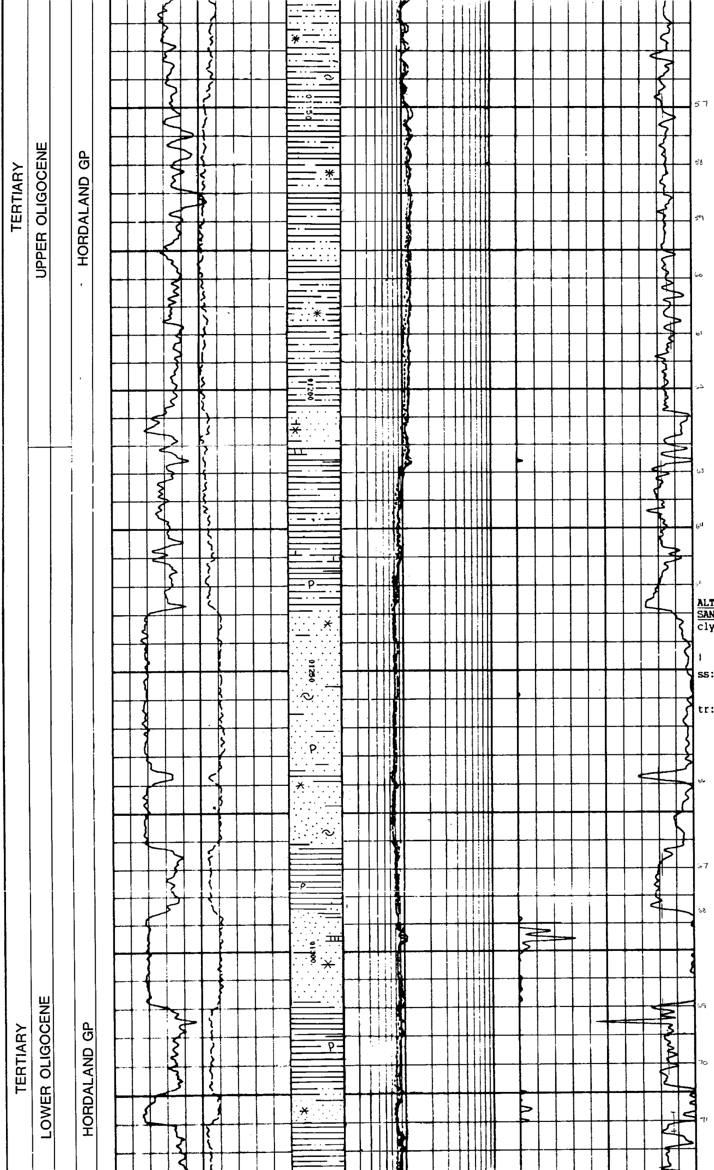
56

1093.5m(-

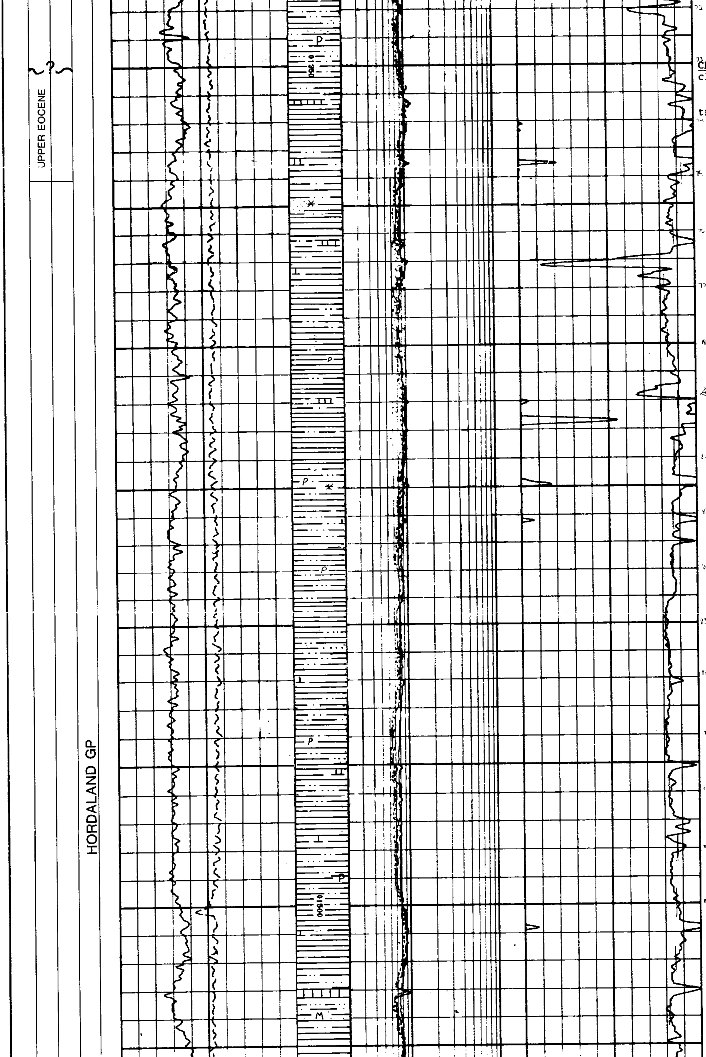
1114 ms

CLAYSTONE WITH MI
SANDSTONES

clyst: v slty,
sft-frm,
ss: qtz, clr
f, w srt
tr: glauc, s



ALTERNATING CLAY
SANDSTONE
clyst: slty, c
sft-frm
occ sbf
mic-mic
ss: clr qtz
pred m,
sbang-s
tr: glauc,
frags,



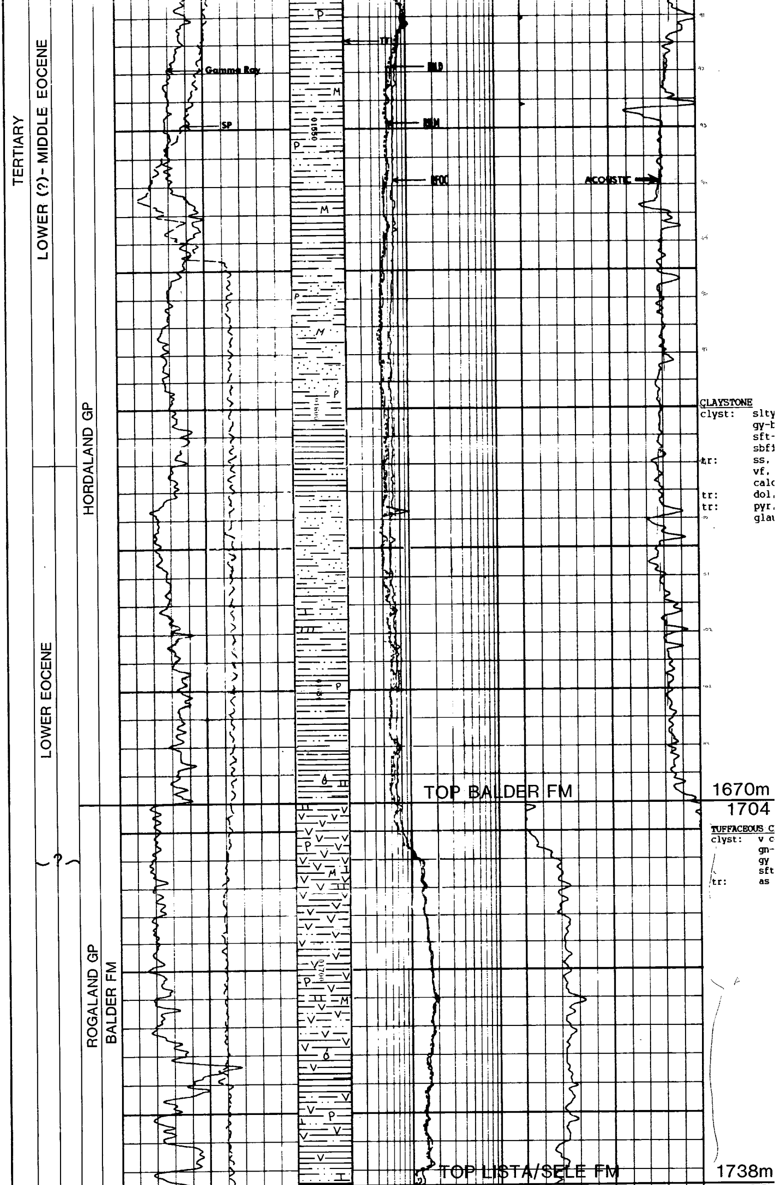
start opp
nir?

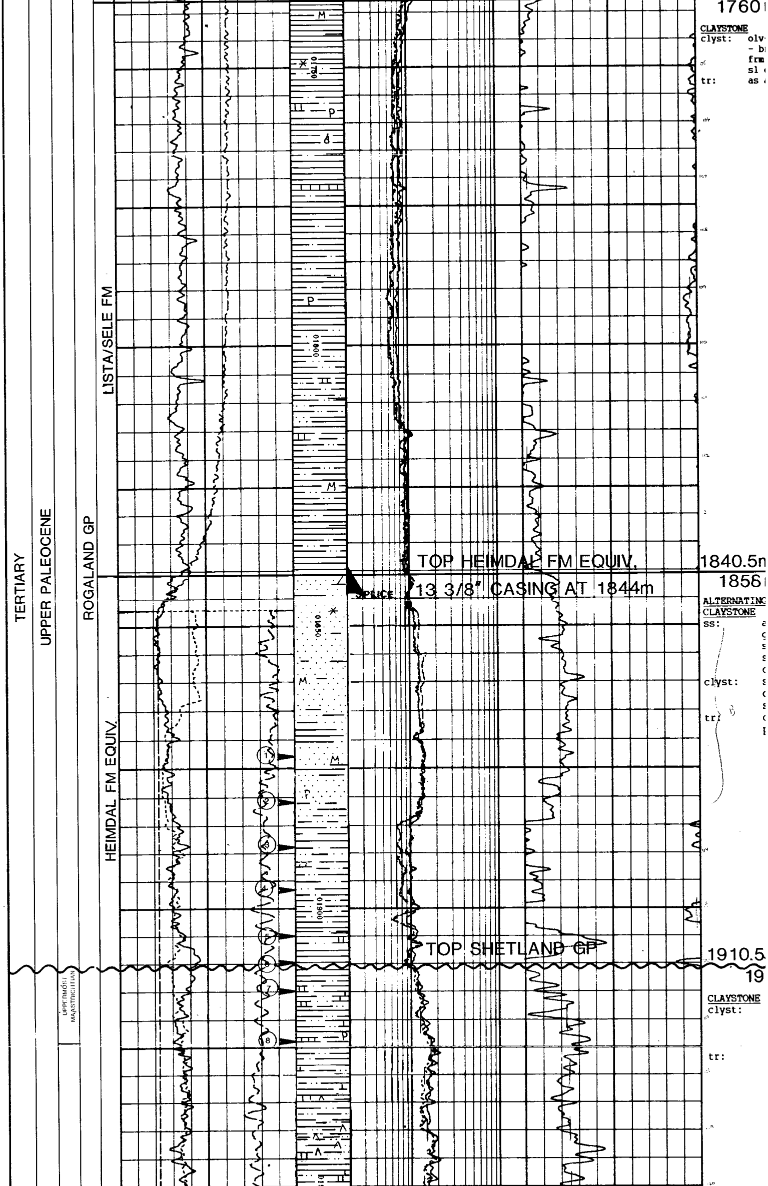
CLAYSTONE

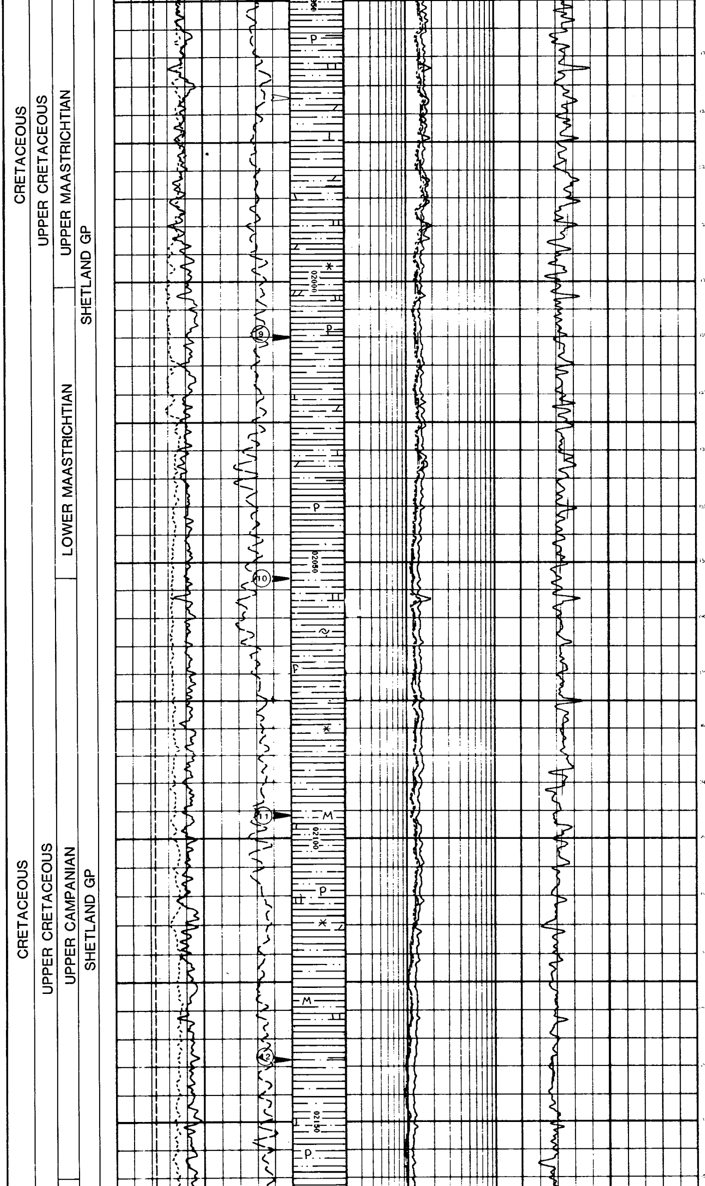
clyst: slty,
gn-gy,
occ sl
tr: ss, as
glauc

CLAYSTONE

clyst: slty,
pred
occ s
tr: ss, c
pred
sbang
calc
tr: ls/do

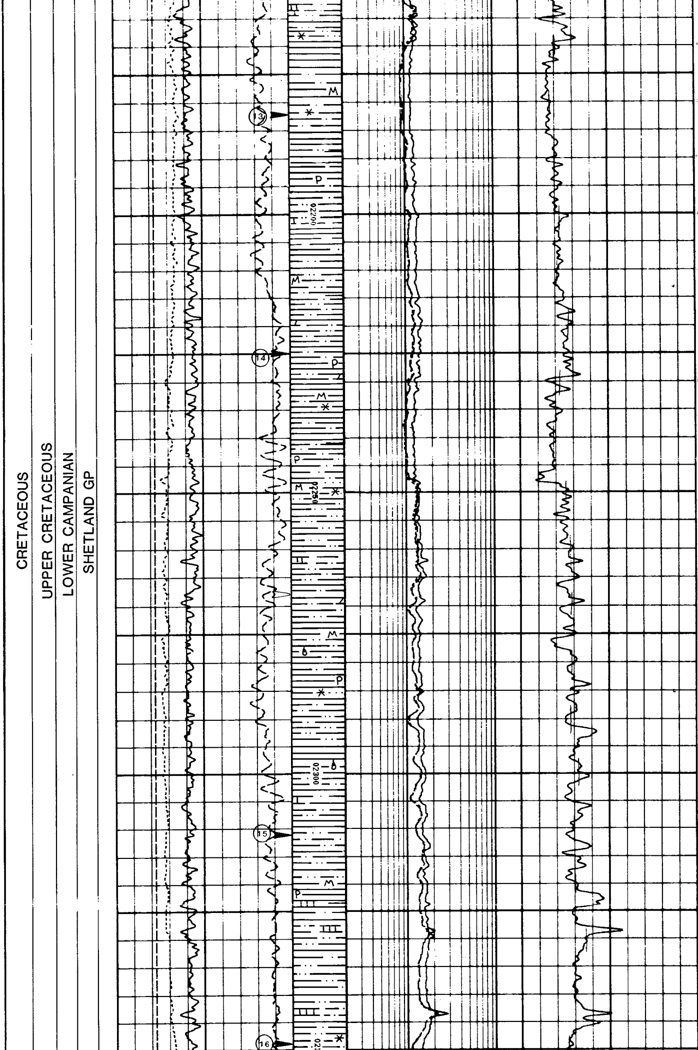






clyst:
tr:

tr:

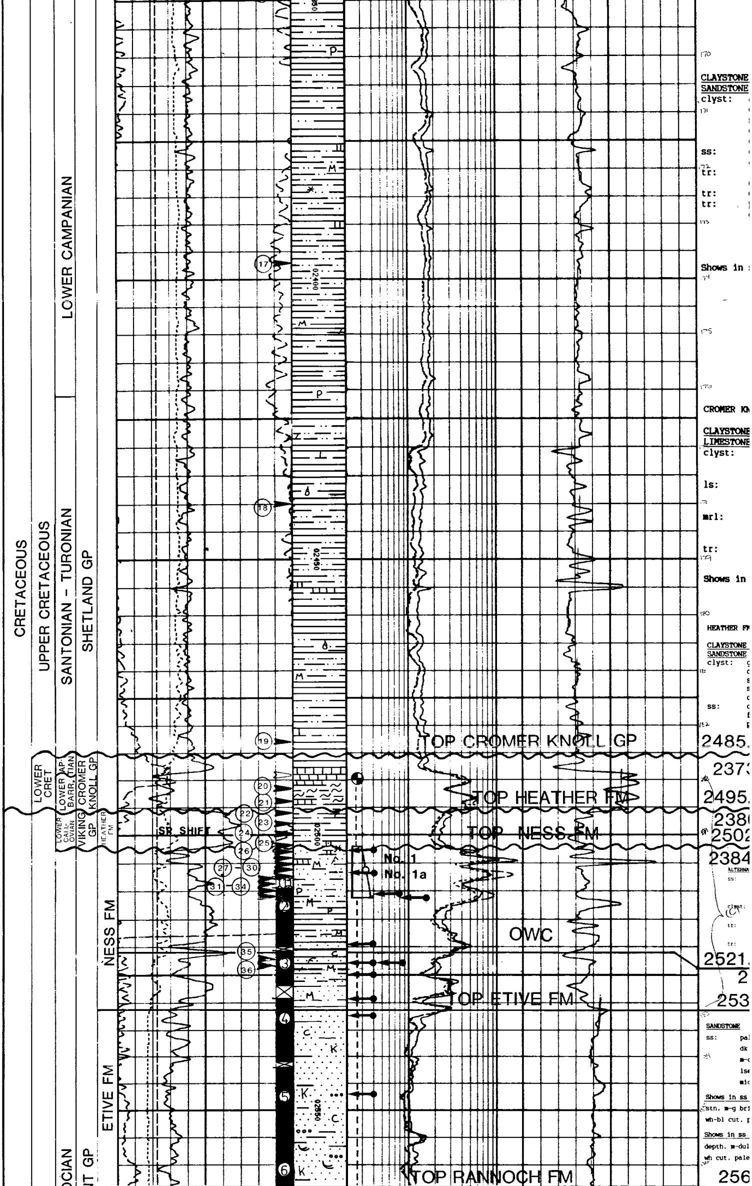


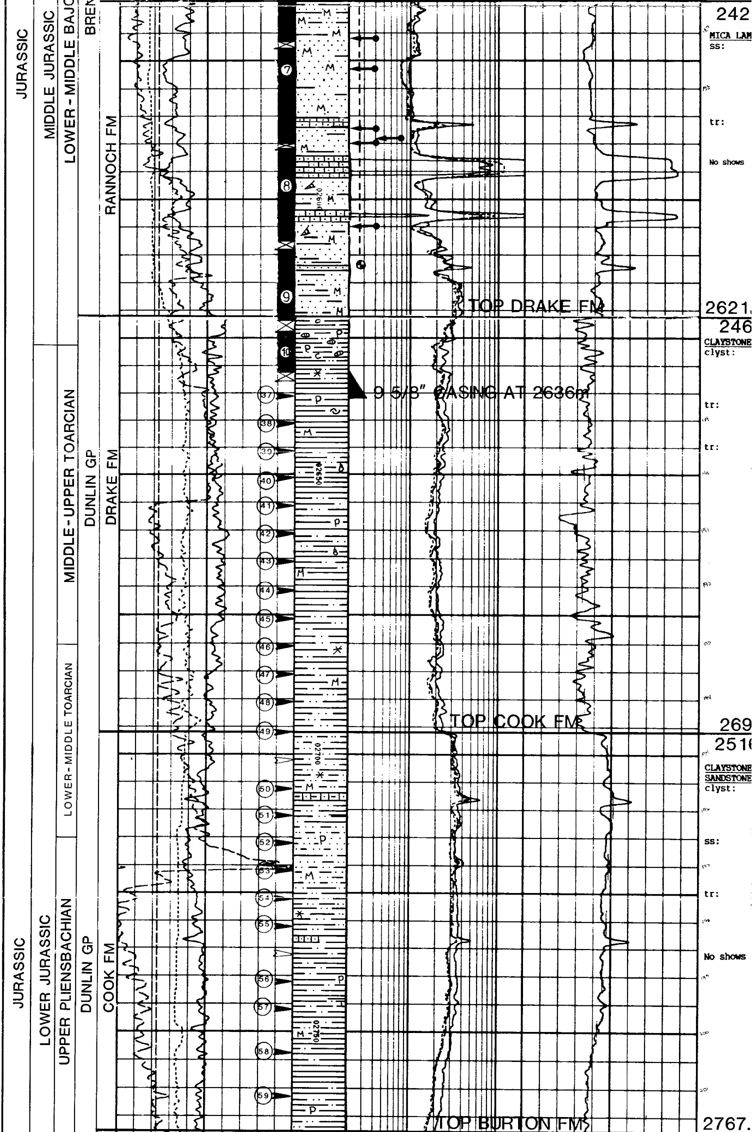
CLAYSTONE
SANDSTONE
clyst:

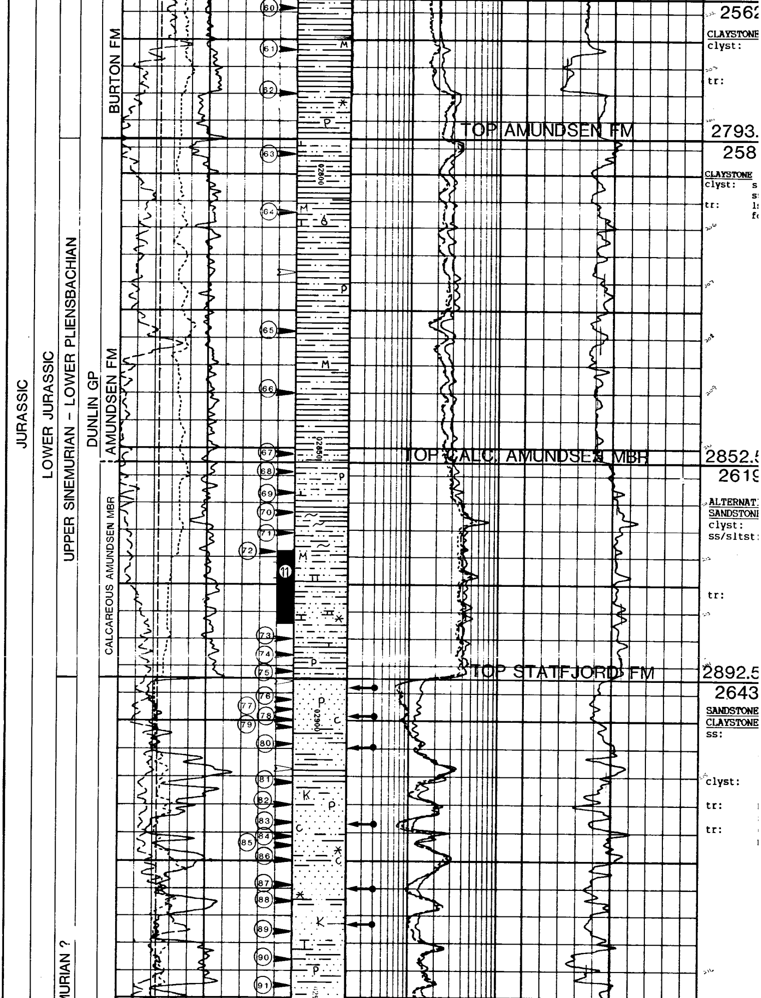
ss/sltst:

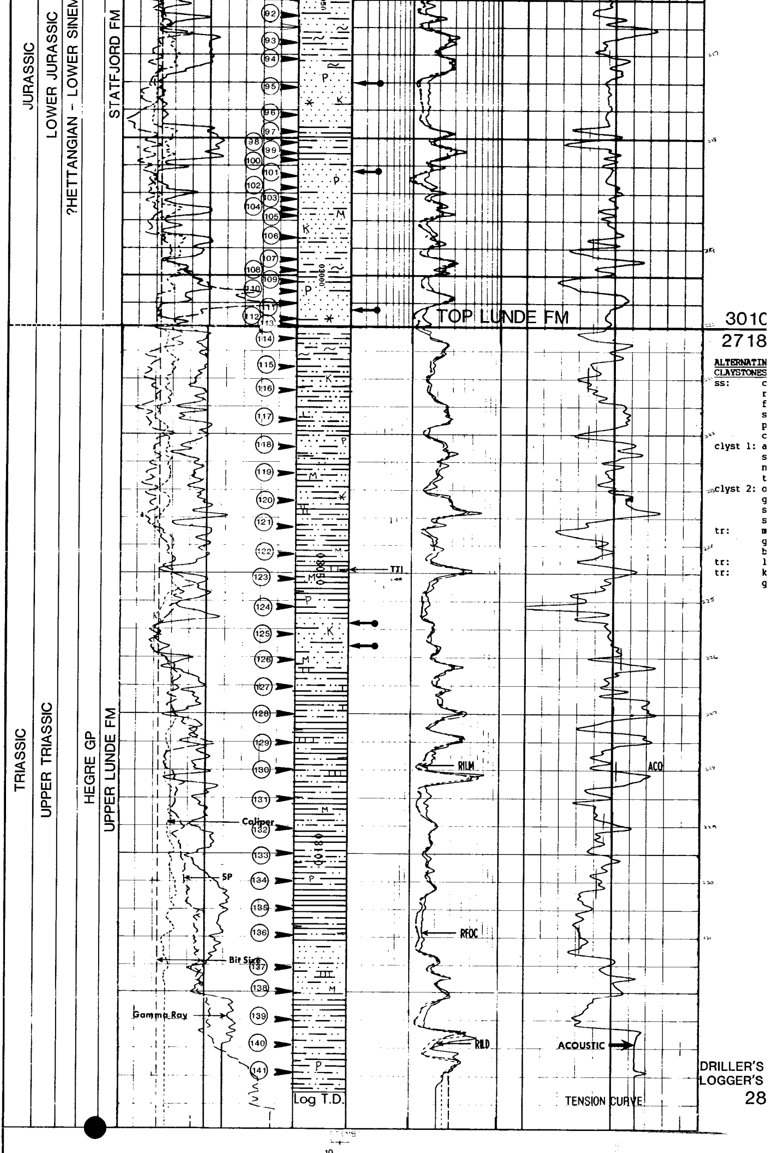
tr:
tr:

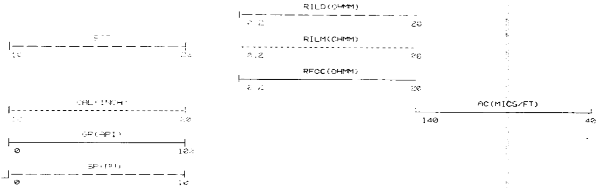
Shows:











WELL 34/7-5 - CORE SUMMARY

Core No.	Cut Interval m RKB	Cut m	Recovered Interval m RKB	Recovered m	Recovered %	Correction factor m	Recovered interval, log m RKB
1	2508.0 - 2510.0	2.0	-	0	0	0	-
2	2510.0 - 2521.0	11.0	2510.0 - 2520.6	10.6	96.4	+1.5	2511.5 - 2522.1
3	2521.0 - 2529.5	8.5	2521.0 - 2527.2	6.2	72.9	+2.2	2523.2 - 2529.4
4	2529.5 - 2542.0	12.5	2529.5 - 2541.0	11.5	92.0	+2.0	2531.5 - 2543.0
5	2542.0 - 2555.0	13.0	2542.0 - 2555.0	13.0	100.0	+1.0	2543.0 - 2556.0
6	2555.0 - 2573.0	18.0	2555.0 - 2571.9	16.9	93.9	+1.5	2556.5 - 2573.4
7	2573.0 - 2591.0	18.0	2573.0 - 2590.6	17.6	97.8	+1.4	2574.4 - 2592.0
8	2591.0 - 2609.0	18.0	2591.0 - 2607.4	16.4	91.1	+1.0	2592.0 - 2608.4
9	2609.0 - 2624.0	15.0	2609.0 - 2622.2	13.2	88.0	+0.2	2609.2 - 2622.4
10	2624.0 - 2633.0	9.0	2624.0 - 2631.6	7.6	84.4	+0.5	2624.5 - 2632.1
11	2869.0 - 2883.5	14.5	2869.0 - 2883.4	14.4	99.3	0	2869.0 - 2883.4

WELL 34/7-5 - REPEAT FORMATION TEST RESULTS

Depth m RKB	Formation pressure Temp. corr. psia	bar
RUN 3A		
2506.5	5219	359.8
2511.0	5248	361.8
2510.5	5247	361.8
2522.5	5286	364.4
2523.0	5287	364.5
2525.0	5292	364.9
2529.5	5288	364.6
2547.0	5315	366.5
2570.5	5348	368.7
2589.5	5383	371.1
2506.5	5230	360.6
RUN 4B		

2503.0	5106	352.0
2506.5	5213	359.4
2510.5	5242	361.4
2519.8	5286	364.5
2522.5	5284	364.3
2533.0	5287	364.5
2547.0	5306	365.8
2576.0	5348	368.7
2587.5	5366	369.9
2590.0	5370	370.3
2605.0	5391	371.7
2894.0	6080	419.2
2900.0	6088	419.8
2905.5	6095	420.2
2919.0	6113	421.5
2930.5	6135	422.9
2937.0	6142	423.5
2965.5	6181	426.2
2981.5	6208	428.0
3006.5	6240	430.2
3063.5	6325	436.1
3067.5	6332	436.6

WELL 34/7-5 - DST SUMMARY

2 Drill Stem Tests were carried out, both in the Ness Formation.

DST No.	Interval m RKB (logged)	BHP BAR (psia)	BHT °C	WHP BAR	WHT °C	Choke size mm	Flow rate Sm^3/day
1	2502.5 - 2512.5	290 (4205)	88	95	16	6.4	220 oil & water
1A	2502.5 - 2512.5	220 (3190)	88	72	16	9.5	260 oil

Note: The interval below the perforations were squeeze cemented after DST No. 1 to isolate the water that channelled up from the underlaying water zone. DST No. 1A produced oil and gas only after clean-up.