SIMON PETROLEUM TECHNOLOGY

WELL: 25/4-5

Print: 263688	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 34 FT	Initials: IC	10	4360	1:500	4355

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY

COMPLETION LOG

COMPLETIONS - 0

BB

YEAR	LICENCE	OWNER	OPERATOR	FIELD
1980-81	036	PANOCEAN	EAN	HEIMDAL

OWNER	WELL	OPERATOR
	25/4-5	**EAN**

COMPOSITE LOG

AREA : **NORWAY**
off-shore

scale 1/500

Coordinates x : 02° 11' 39.81" E y : 59° 34' 04.75" N	Date spudded : JUNE 26th 1980 Started drilling : JUNE 26th
Water depth ~121m RKB : 25.3m	At T.D. : FEBRUARY 4th 1981
Rig : DYVI ALPHA	T.D. (driller) : 4355m
Contractor : DYVI OFFSHORE	T.D. (logger) : 4355m
Mud logging : GEOSERVICES	COMPLETED : MARCH 26th 1981

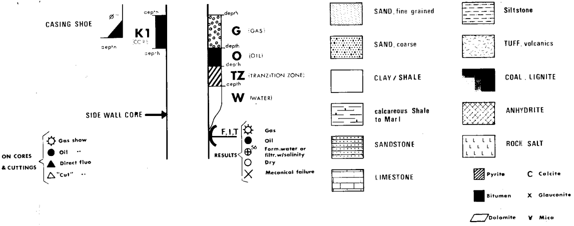
Well-site geologists : J.MARION P.HULOT C.GUESDON

Approved by : date :

Status :

ALL DEPTH FROM RKB

LEGEND



PARAMETERS

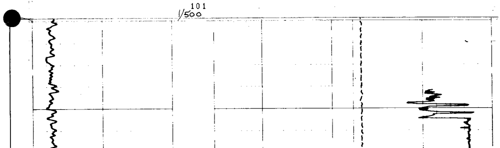
NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DO		0.0	BHS		OPEN	CSIZ	IN	30.00
FPHI		PHIX	SBR	OHMM	1.000	DSEC	MM/M	8.900
DTF	US/F	189.0	DTM	US/F	56.00	CDTS		100.0
BS	INCH	17.50						

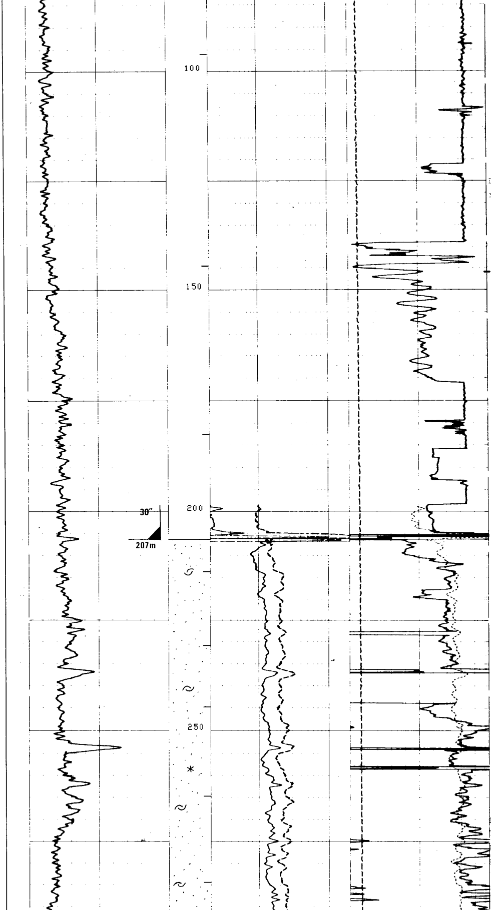
Curve	Left	Right
ILD (OHMM)	20.00	2000.
SFLU(OHMM)	20.00	2000.
TENS(LB)	0.0	5000.
ILD (OHMM)	0.2000	20.00
DT (US/F)	140.0	40.00
GR (GAPI)	0.0	100.0
SFLU(OHMM)	0.2000	20.00
CILD(MM/M)	2000.	0.0

2
2
2
2
2
2

101
101
101
101
101
101

1/500

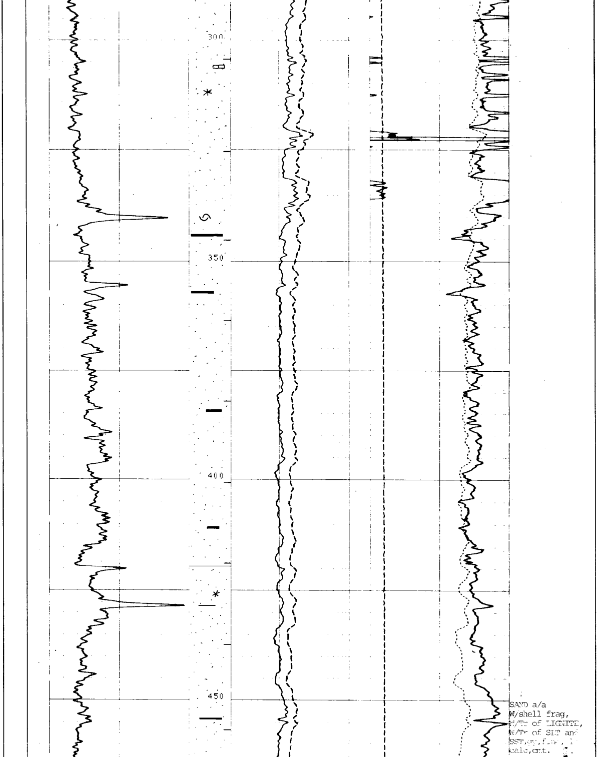




Drillings without
returns down to
207 m

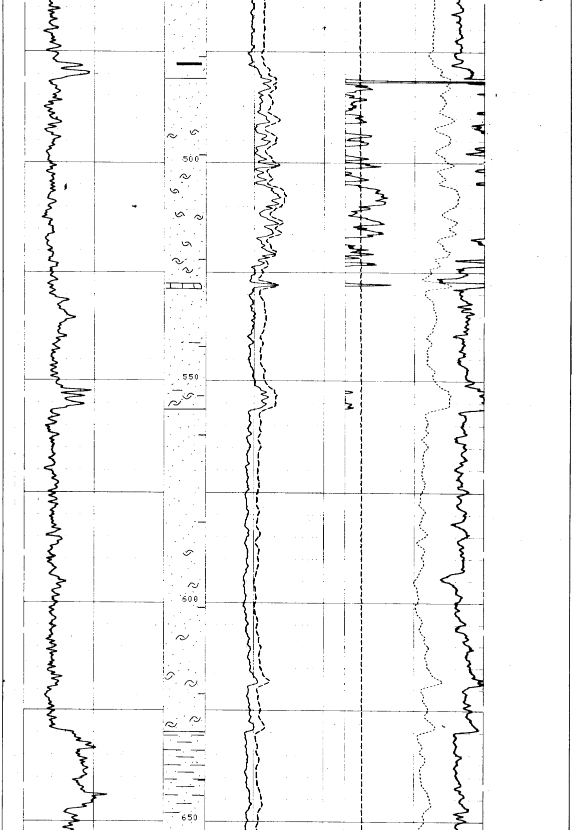
SEA BOTTOM
146 m

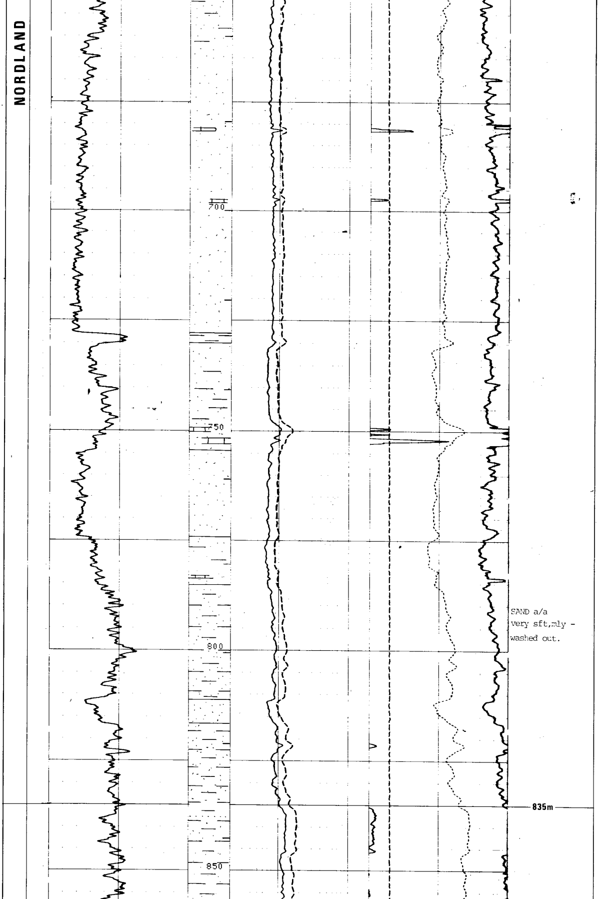
From 207m,SAND.
Translucent,fine,
rnd,to subrnd,sl.
glauc,with abund.
shell frag.



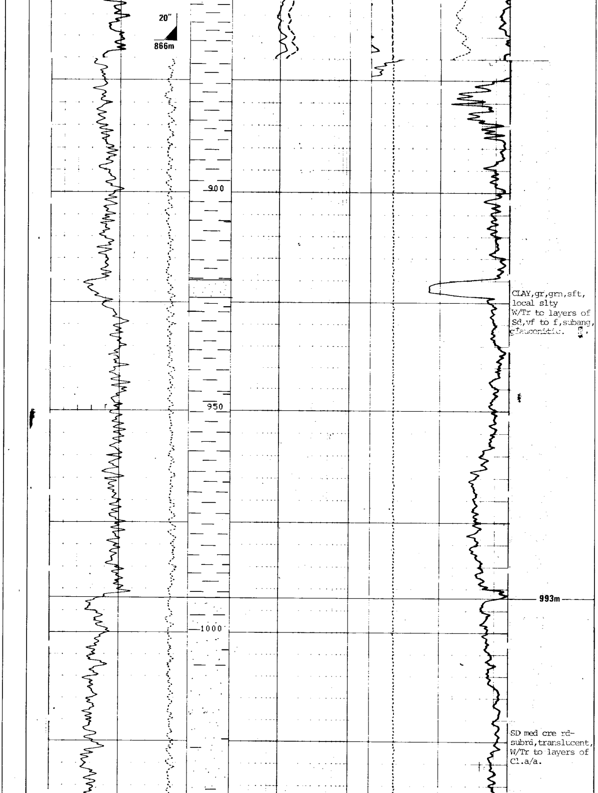
SAND a/a
W/shell frag,
W/Tr of LIGNITE,
W/Tr of SLT and
SST,gy,f-gr, [illegible]
calc,cmt.

GROUP



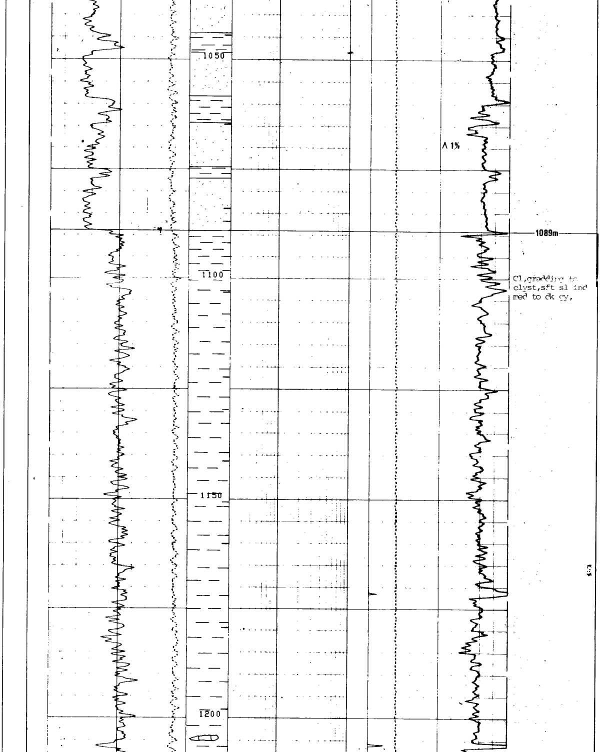


SAND a/a
very sft,mly -
washed out.

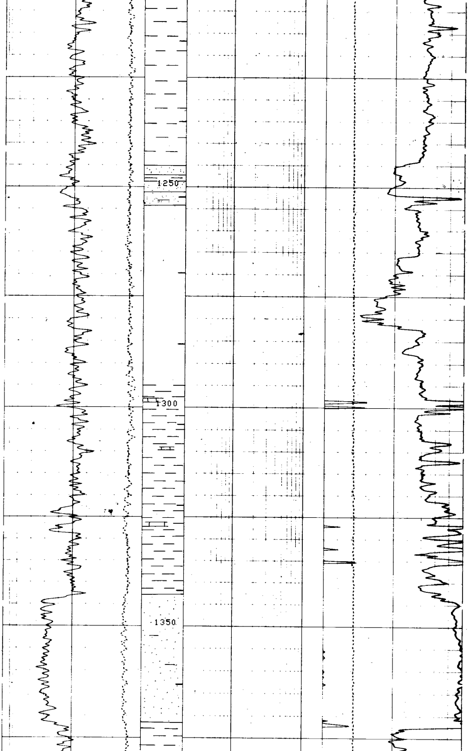


CLAY,gr,grn,sft,
local slty
W/Tr to layers of
Sd,vf to f,subang,
glauconitic.

SD med cre rd-
subrd,translucent,
W/Tr to layers of
Cl.a/a.

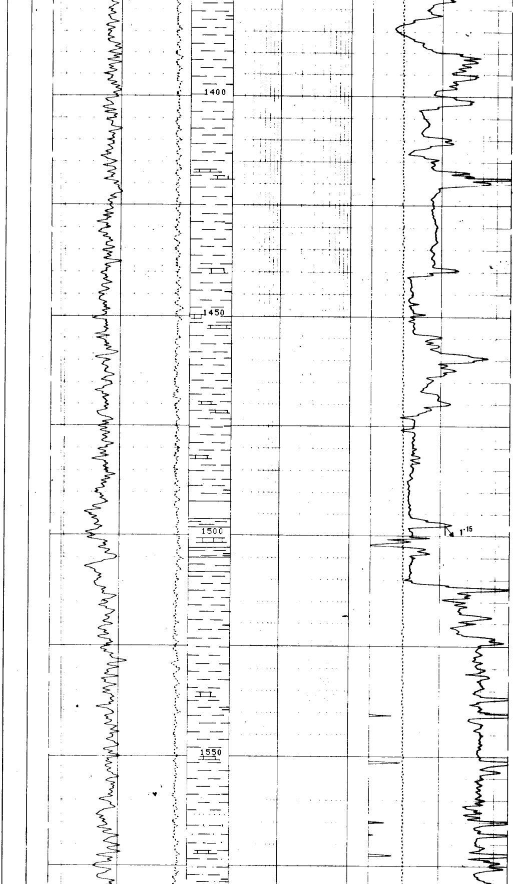


Cl,gradding to clyst,sft sl ind med to dk gy,



SD vf to f subrd,
pyr,argill.

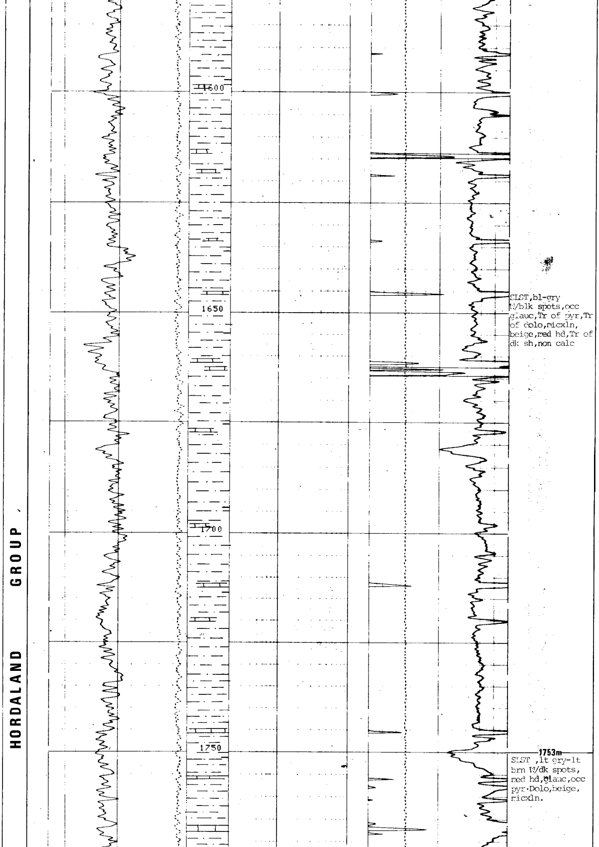
CLYST to SH,br to
dkgy-



W/strg of LST mcr-x br.

Strgs of micxln beige Lmst.

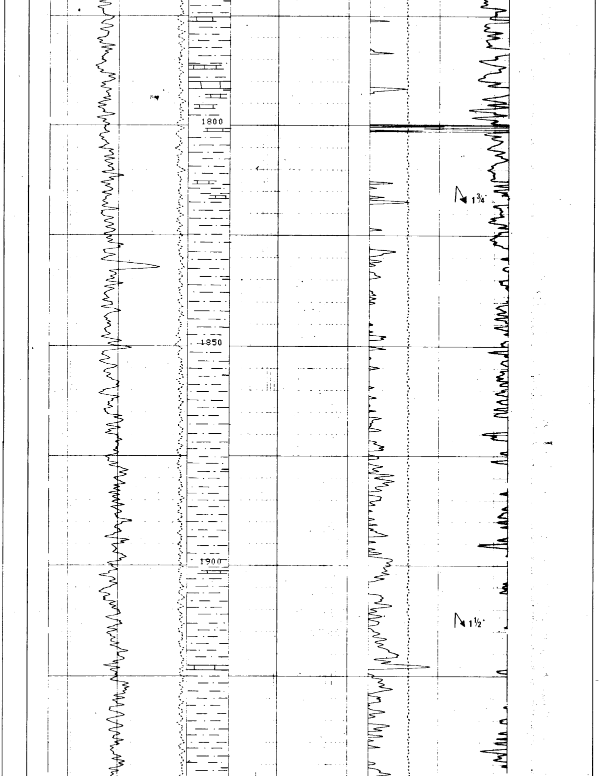
CLY,bl-gy to dk brn,plas,occ glau glauco,rare pyr, Tr of SD,v fn, transl,rnd,and LMST,micxln,beige med hd.

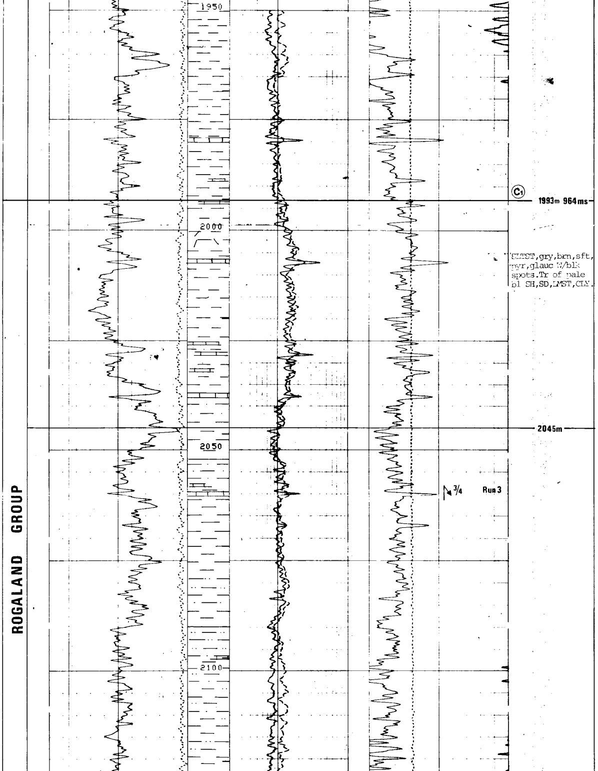


SLST,bl-gry W/blk spots,occ glauc,Tr of pyr,Tr of dolo,micxln, beige,med hd,Tr of dk sh,non calc

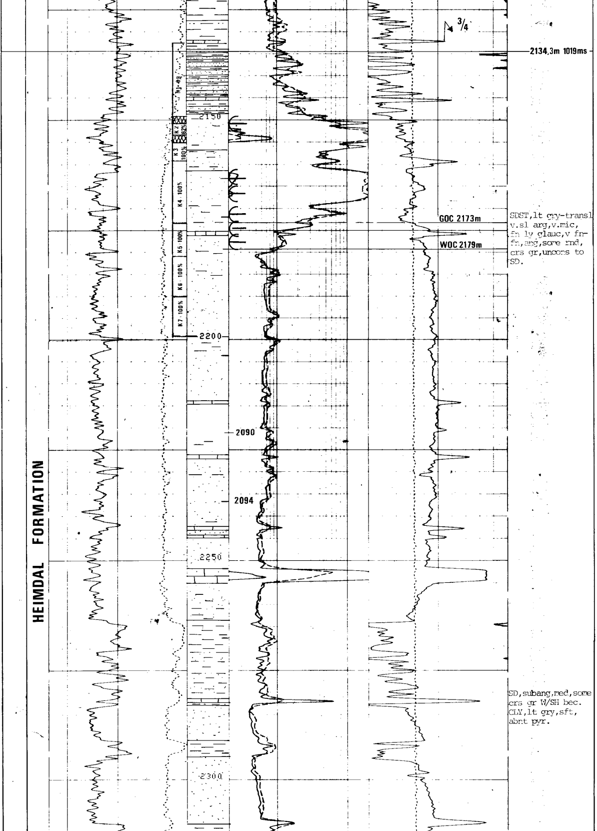
1753m

SLST ,lt gry-lt brn W/dk spots, med hd,glauc,occ pyr·Dolo,beige, micxln.



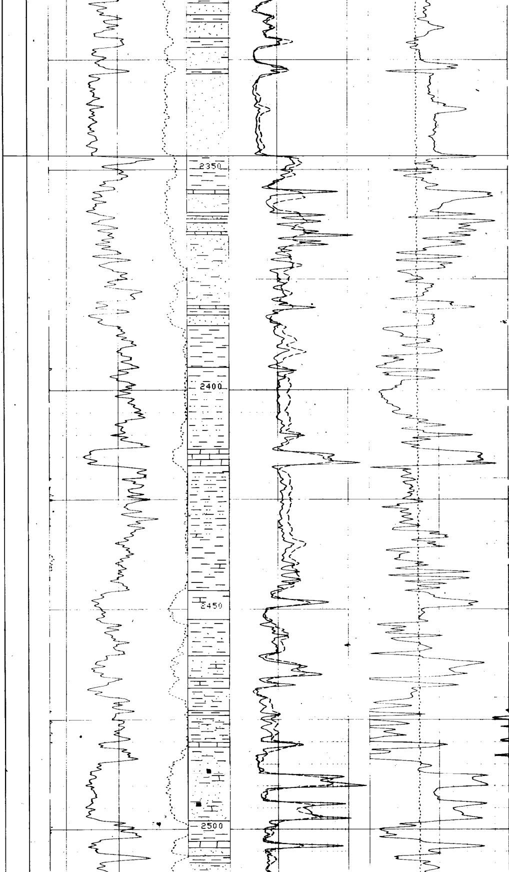


SLTST,gry,brn,sft,
pyr,glauc W/blk
spots.Tr of pale
bl SH,SD,LMST,CLY.



SDST,lt gry-transl v.sl arg,v.mic, fn ly glauc,v fn-fn,ang,some rnd, crs gr,uncons to SD.

SD,subang,med,some crs gr W/SH bec. CLY,lt gry,sft, abnt pyr.

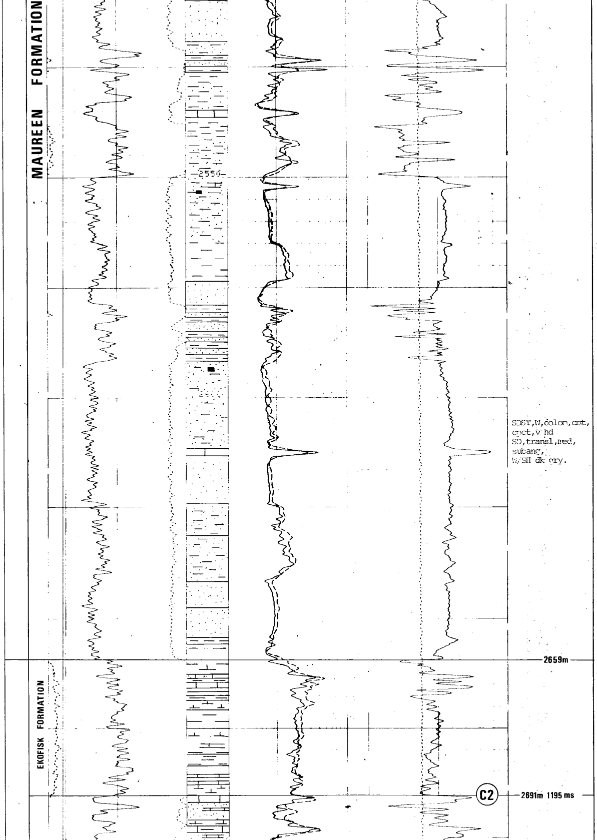


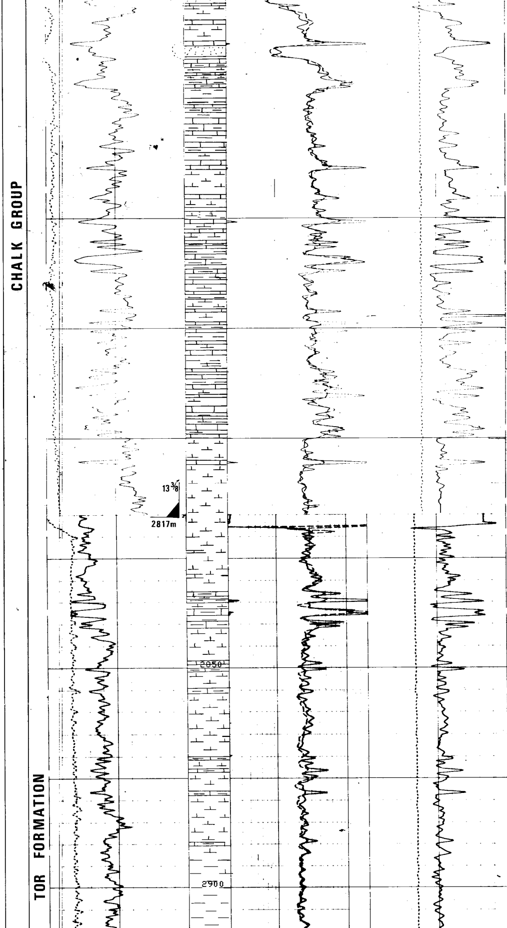
2347m

Interb,SD,lse gr
a.a
SH,lt grn-gry and
brn,slty,glauc,pyr
not v hd.

Calc,sdst.

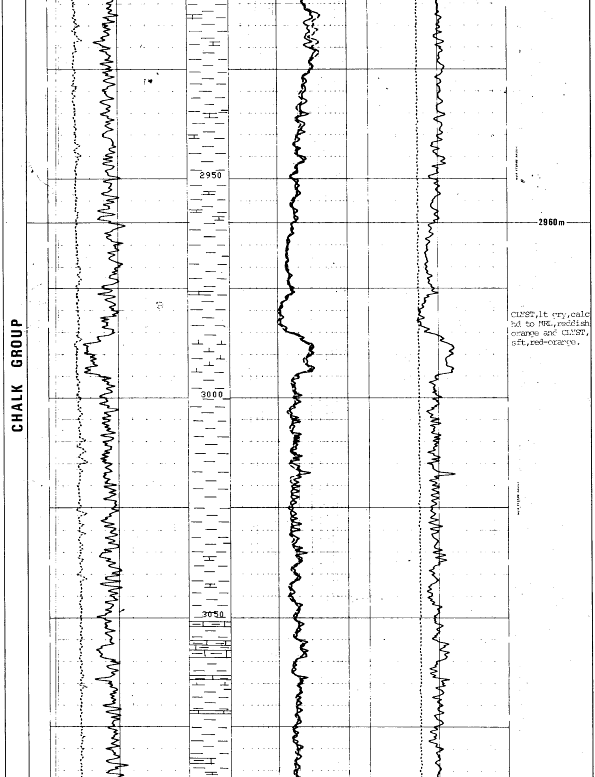
From 2444m:
Interb.(4-5m thick
SH,dk gry,
SD,red,subrnd,
transl,lse gr.
CLY,plas,sft washd
out,
Cont,Tr of PYR,loc
tr of GLAUCT,
Tr of DOLO,brn,
micxln.



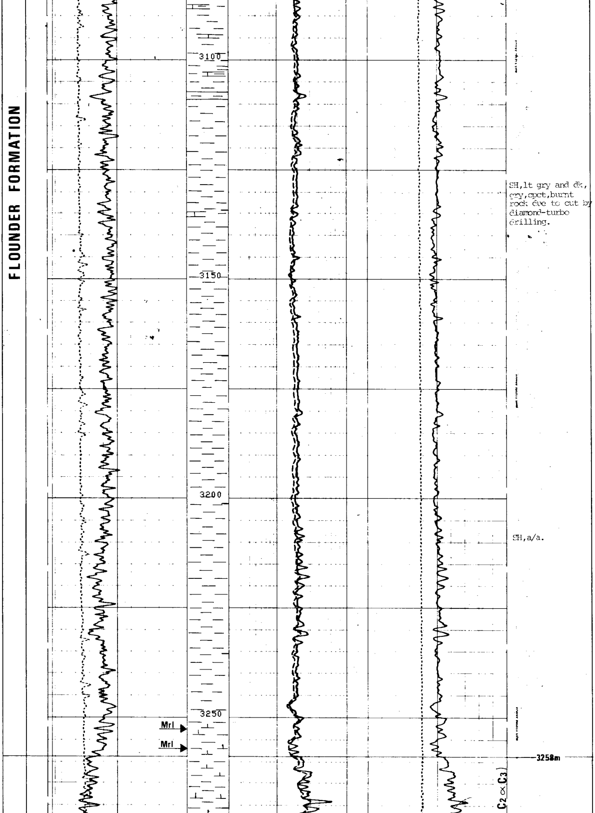


LMST,wh-crm,v sft, cpct and MRL,lt gy gry,pasty and MARL redsh,v sft,

Clyst,calc,v sft, lt gry
Some strgs of lmst.

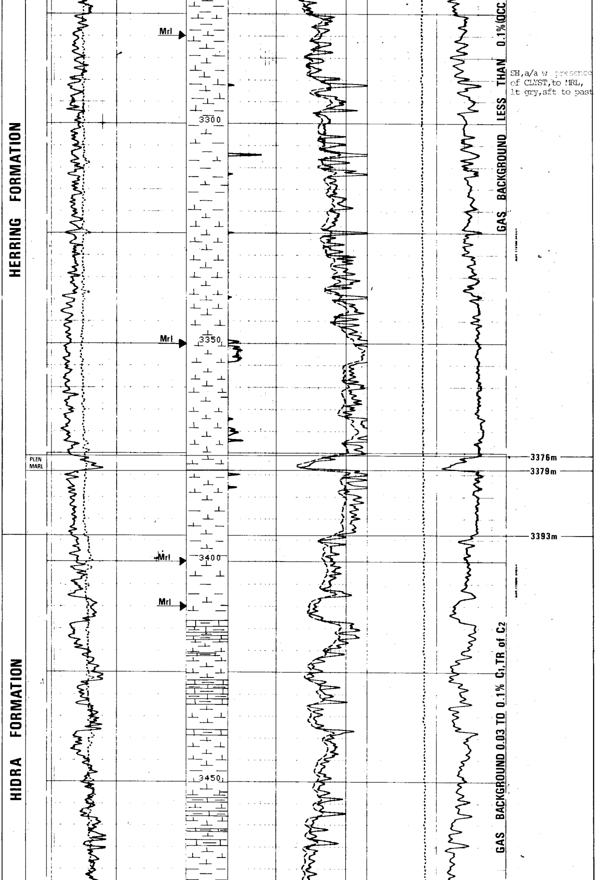


CLYST,lt gry,calc hd to MRL,reddish orange and CLYST, sft,red-orange.

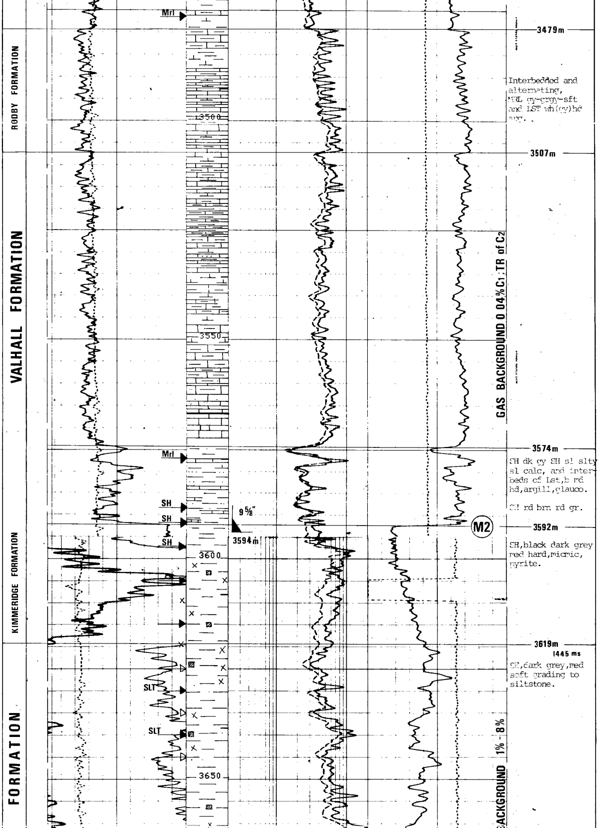


SH,lt gry and dk, gry,cpct,burnt rock due to cut by diamond-turbo drilling.

SH,a/a.



SH,a/a w presence of CLYST,to MRL, lt gry,sft to past.



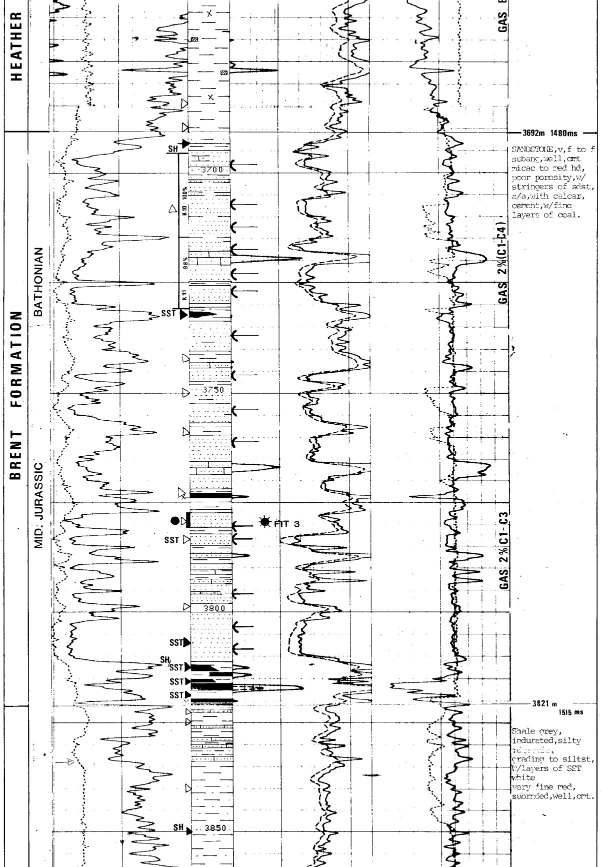
Interbedded and alternating, MRL gy-grgy-sft and LST wh(gy)hd arg.

SH dk gy SH sl slty sl calc, and interbeds of Lst,b rd hd,argill,glauco.

SH rd brn rd gr.

SH,black dark grey med hard,micmic, pyrite.

SH,dark grey,med soft grading to siltstone.

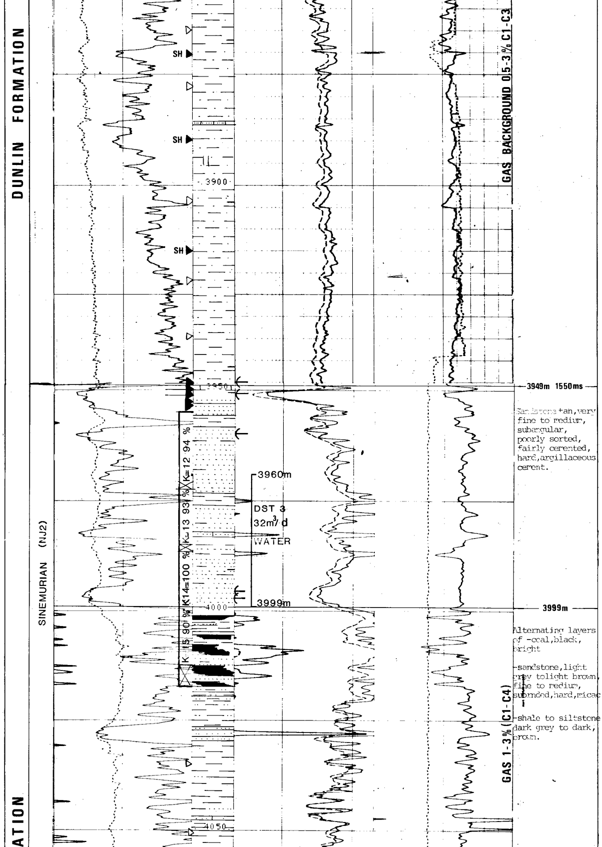


3692m 1480ms

SANDSTONE,v,f to f subang,well,crt micac to red hd, poor porosity,w/ stringers of sdst, a/a,with calcar, cement,w/fine layers of coal.

3821 m
1515 ms

Shale grey, indurated,silty [illegible], grading to siltst, W/layers of SST white very fine red, subrnded,well,crt.

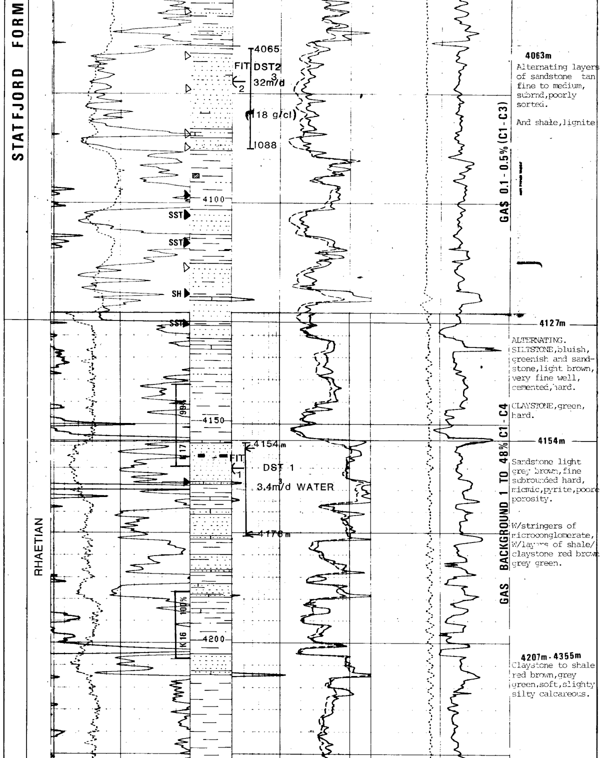


Sandstone tan, very fine to medium, subangular, poorly sorted, fairly cemented, hard, argillaceous cement.

Alternating layers of -coal, black, bright

-sandstone, light grey tolight brown, fine to medium, subrnded, hard, micac

-shale to siltstone dark grey to dark, brown.



4063m

Alternating layers of sandstone tan fine to medium, subrnd, poorly sorted.

And shale, lignite

4127m

ALTERNATING. SILTSTONE, bluish, greenish and sandstone, light brown, very fine well, cemented, hard.

CLAYSTONE, green, hard.

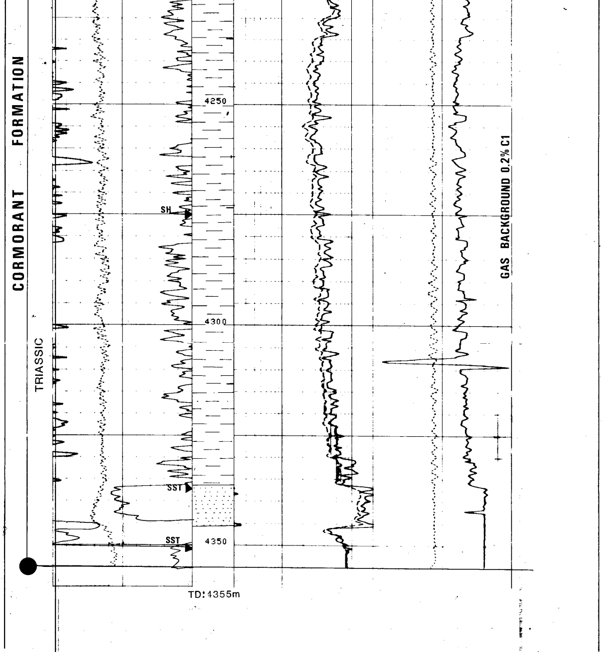
4154m

Sandstone light grey brown, fine subrounded hard, micmic, pyrite, poore porosity.

W/stringers of microconglomerate, W/layers of shale/ claystone red brown grey green.

4207m - 4355m

Claystone to shale red brown, grey green, soft, slighty silty calcareous.



LOGGING

ISF-BHC-GR	FDC/CNL/GR	DLL/MSFL	HDT	NGT	BGT
207-878 ✓	866-2234.5 ✓	1950-2235 ✓	1950-2821	1950-2820 ✓	1950-2821 ✓
866-2334.5 ✓	LDT ? 2817-3601.5 ✓	3594-3844.5 ✓	1916-2814	3590-4355 ✓	3594-3880 ✓
866-2820 ✓	3594-3884 ✓	3830-4140 ✓	4355-3590		
2817-3601 ✓	3590-4140 ✓	3940-4253 ✓			CBL-GR-VDL
3594-3844 ✓	3940-4281 ✓			NGS (Filted)	425-2617
3680-4015 ✓	4200-4355 ✓				1550-3584
3680-4140 ✓					
3940-4281 ✓	LDT-CNL				
4055-4355 ✓	1950-2821 ✓				
BHC/GR					
1400-2062.5 ✓					
1950-2188 ✓					

Formation	Operation	Performation Depths	Flowing				Pressures	
			Duration	Q_G	Q_W	ClNa	Extrap SP	Depth
		RKB			liter	g/l	psi	RKB
TRIASSIC	FIT 1	4160	15'	81 1	10	29	9475 653.3	4160
	DST 1	4154-4176	2h?	-	-	52.2	9500 655.0	4128
	DST 1bis	4154-4176	7h 10	bubbles	60	14	9545 658.1	4128
	DST 1 ter	4154-4176	31h	50 m^3?	4300	90 90	9625 663.6	4128
STATFJORD	RFT 50	3996.8	14.5'	-	9.8	43	9420 649.5	3996.8
			5.4'	-	3.8	40	9420 649.5	
	FIT 2	4072	10'		22.5	36	9685 667.8	4072
	DST 2	4065-4088	13h 57	bubbles	16200	102	9400 648.1	4053
	DST 3	3969-3999	14.5h	bubbles	17000	92	9430 650.2	3951.7
BRENT	RFT 21 1	3779.2	40 ?	139 1	8	32		3779.2
	RFT 10	3698	3'	-	26-25 3.8		8882 614.4	3698
	FIT 3	3779.5	16'		85 1	28	8970 618.5	3779.5

RFT PRESSURE MEASUREMENTS

DEPTH (m)		HYDROST. PRESS (CORRECTED)	FLOW TIME+ BUILD UP (min)	FINAL PRESSURE		
RKB	MSL			psig	bar	GRADIET (kg/cm²/10m)
2152.6	-2127.2	4095	4.0	3155.5	217.6	1.043
2163.3	-2137.9	4117	4.0	3158.5	217.8	1.039
2171	-2145.6	4132	4.5	3161.5	218.0	1.036
2174	-2148.6	4137	4.0	3163.5	218.1	1.035
2177	-2151.6	4145	4.0	3167.5	218.4	1.035
2163.3	-2137.9	4095	3.5	3158.5	217.8	1.039
2167	-2141.6	4132	2.5	3158.5	217.8	1.037
			1.0	3159.5	217.8	1.037
3698	-3670.7	9834	21	8882	612.4	1.701
3707	-3679.7	9854	4	8915	614.7	1.703
3717.5	-3690.2	9884	8	8934	616.0	1.702
3723	-3695.2	9898	3.5	8862	611.6	1.686
3727	-3699.7	9907	2.5	8865	611.2	1.685
3737.3	-3708	9934	18	8911	614.4	1.653
3746	-3718.7	9955	85	8948	616.9	1.692
3754	-3726.7	9979	3	8904	613.9	1.680
3761	-3733.7	9995	16.5	9226	636.1	1.737
3779.5	-3752.2	10049	6	9028	622.5	1.692
3783.5	-3756.2	10074	2	8951	617.1	1.675
3783.5	-3756.2	10064	4	8968	618.3	1.679
3796.5	-3769.2	10093	2.5	8971	618.5	1.673
3803.5	-3775.9	10102	4	8988	619.7	1.674
3808.5	-3780.9	10127	3	9000	620.5	1.674
3950.5	-3922.2	9986	2	9410	648.8	1.687
3949.7	-3924.7	10001	2	9424	649.8	1.688
3960.3	-3932	10016	2	9425	649.8	1.685
3995.8	-3967.5	10108	9	9514	656.1	1.686
3995	-3966.7	10103	8	9516	656.1	1.687
3996.8	-3968.2	10110	52	9428	650	1.670