SIMON PETROLEUM TECHNOLOGY

WELL: 25/11-2						
Print: 2139 D	Units: M [✓ F]	Top	Bottom	Scale	TD	
Length: 17 FT	Initials: CM'C	450	6000	1:500	5982	

DIGITAL WIRELINE LOGS PACKAGE
1994

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SIMON PETROLEUM TECHNOLOGY SPT

COMPLETION LOG

Rb.101.1

ESSO EXPLORATION NORWAY INC.

COMPLETION LOG

Scale 1:500

COMPLETION - 0

D

Well Name **25/11-2**	Status Plugged and Abandoned

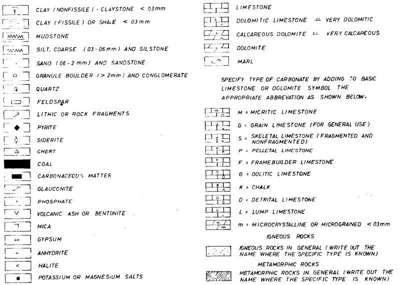
Area North Sea offshore Norway	Well Classification Extension Test	Total Depth 5982' Driller 5982' Wireline	Deepest Penetration Paleocene
Location Lat. 59° 13' 01.547"N Long. 02° 24' 35.098"E	Date Spudded 13. Sep. 1971	Elev. of Datum 33 ft. RKB	Water Depth 427 ft.
Prepared by ESSO EXPLORATION NORWAY INC.	Date Total Depth Reached 21. Sep. 1970	Casing Data 30" at 573 ft 13 3/8" at 1272 ft 9 5/8" at 3099 ft	Rig Glomar Grand Isle
Date: January, 1971 Revised:	Date Oper. Completed 24. Sep. 1970		Contractor Global Marine

LOGS RUN

I-ES 3099-5981	B.H.C. Sonic-G.R. 3099-5970 G.R. only. 449-3099	Formation Density 3099-5979		

Seismic check shots YES

LITHOLOGIC SYMBOLS
(PROVISIONALLY APPROVED FOR FIELD TESTING)



CLAY (NONFISSILE) - CLAYSTONE < 03mm
CLAY (FISSILE) OR SHALE < 03mm
MUDSTONE
SILT, COARSE (03-06mm) AND SILSTONE
SAND (06-2 mm) AND SANDSTONE
GRANULE BOULDER (> 2mm) AND CONGLOMERATE
QUARTZ
FELDSPAR
LITHIC OR ROCK FRAGMENTS
PYRITE
SIDERITE
CHERT
COAL
CARBONACEOUS MATTER
GLAUCONITE
PHOSPHATE
VOLCANIC ASH OR BENTONITE
MICA
GYPSUM
ANHYDRITE
HALITE
POTASSIUM OR MAGNESIUM SALTS

LIMESTONE
DOLOMITIC LIMESTONE ⊥⊥ VERY DOLOMITIC
CALCAREOUS DOLOMITE ⊥⊥ VERY CALCAREOUS
DOLOMITE
MARL

SPECIFY TYPE OF CARBONATE BY ADDING TO BASIC LIMESTONE OR DOLOMITE SYMBOL THE APPROPRIATE ABBREVATION AS SHOWN BELOW.

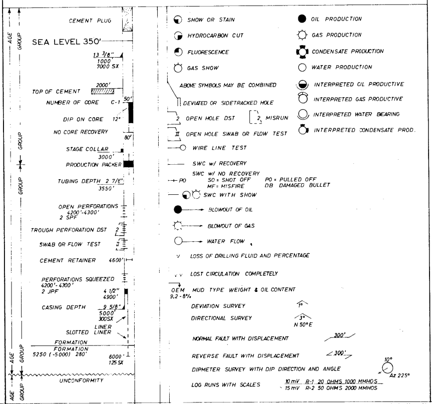
M = MICRITIC LIMESTONE
G = GRAIN LIMESTONE (FOR GENERAL USE)
S = SKELETAL LIMESTONE (FRAGMENTED AND NONFRAGMENTED)
P = PELLETAL LIMESTONE
F = FRAMEBUILDER LIMESTONE
O = OOLITIC LIMESTONE
K = CHALK
D = DETRITAL LIMESTONE
L = LUMP LIMESTONE
m = MICROCRYSTALLINE OR MICROGRAINED < 03mm

IGNEOUS ROCKS

IGNEOUS ROCKS IN GENERAL (WRITE OUT THE NAME WHERE THE SPECIFIC TYPE IS KNOWN)

METAMORPHIC ROCKS

METAMORPHIC ROCKS IN GENERAL (WRITE OUT THE NAME WHERE THE SPECIFIC TYPE IS KNOWN)


AGE
GROUP
CEMENT PLUG
SEA LEVEL 350'
13 3/8"
1000'
7000 SX
2000'
TOP OF CEMENT
50'
NUMBER OF CORE C-1
DIP ON CORE 12°
NO CORE RECOVERY
80'
STAGE COLLAR
3000'
PRODUCTION PACKER
TUBING DEPTH 2 7/8"
3550'
OPEN PERFORATIONS
4200'-4300'
2 SPF
TROUGH PERFORATION DST 2
SWAB OR FLOW TEST
CEMENT RETAINER 4600'
PERFORATIONS SQUEEZED
4200'-4300'
2 JPF
4 1/2"
4900'
CASING DEPTH 9 5/8"
5000'
300SX
LINER
SLOTTED LINER
FORMATION
FORMATION
5250 (-5000) 280'
6000'
125 SX
UNCONFORMITY
SHOW OR STAIN
HYDROCARBON CUT
FLUORESCENCE
GAS SHOW
ABOVE SYMBOLS MAY BE COMBINED
DEVIATED OR SIDETRACKED HOLE
2 OPEN HOLE DST
2 MISRUN
II OPEN HOLE SWAB OR FLOW TEST
WIRE LINE TEST
SWC w/ RECOVERY
SWC w/ NO RECOVERY
PO
SO = SHOT OFF
MF = MISFIRE
PO = PULLED OFF
DB DAMAGED BULLET
SWC WITH SHOW
BLOWOUT OF OIL
BLOWOUT OF GAS
WATER FLOW
LOSS OF DRILLING FLUID AND PERCENTAGE
LOST CIRCULATION COMPLETELY
OEM MUD TYPE WEIGHT & OIL CONTENT
9.2 - 8%
DEVIATION SURVEY
1°
DIRECTIONAL SURVEY
3°
N 50° E
NORMAL FAULT WITH DISPLACEMENT
300'
REVERSE FAULT WITH DISPLACEMENT
300'
DIPMETER SURVEY WITH DIP DIRECTION AND ANGLE
10°
Az 225°
LOG RUNS WITH SCALES
10 mV R-1 20 OHMS 1000 MMHOS
15 mV R-2 50 OHMS 2000 MMHOS
OIL PRODUCTION
GAS PRODUCTION
CONDENSATE PRODUCTION
WATER PRODUCTION
INTERPRETED OIL PRODUCTIVE
INTERPRETED GAS PRODUCTIVE
INTERPRETED WATER BEARING
INTERPRETED CONDENSATE PROD.

SCHLUMBERGER INDUCTION-ELECTRICAL LOG

COUNTY Norway
FIELD or LOCATION Wildcat
WELL 25/11 - 2
COMPANY ESSO Exploration

COMPANY ESSO Exploration Norway Inc.
WELL 25/11 - 2
FIELD Wildcat
COUNTY Norway STATE North Sea
LOCATION 59° 13' 01.547" N.
02° 24' 35.09" E.
Sec. Twp. Rge.
Other Services: [illegible]
GR, FDC, [illegible]

Permanent Datum: [illegible], Elev. 0
Log Measured From [illegible] Ft. Above Perm. Datum
Drilling Measured From [illegible]
Elev.: K.B. 31
D.F. [illegible]
G.L. - 440

Date	21 Oct. 1970			
Run No.	One. 1:500			
Depth—Driller	[illegible]			
Depth—Logger	[illegible]			
Btm. Log Interval	[illegible]			
Top Log Interval	[illegible]			
Casing—Driller	9 5/8 @ 3092	@	@	@
Casing—Logger	3092			
Bit Size	8 1/2"			
Type Fluid in Hole	[illegible]			
Dens. | Visc.	11.5 | 50			
pH | Fluid Loss	11.0 | 6.0 ml	ml	ml	ml
Source of Sample	[illegible]			
R_m @ Meas. Temp.	0.05 @ 75 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	[illegible] @ 75 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	[illegible] @ 75 °F	@ °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	[illegible]			
R_m @ BHT	[illegible] @ 130 °F	@ °F	@ °F	@ °F
Time Since Circ.	[illegible]			
Max. Rec. Temp.	130 °F	°F	°F	°F
Equip. | Location	[illegible]			
Recorded By	[illegible]			
Witnessed By	[illegible]			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

REMARKS

Changes in Mud Type or Additional Samples		
Date | Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	ml	
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}		
R_m @ BHT	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

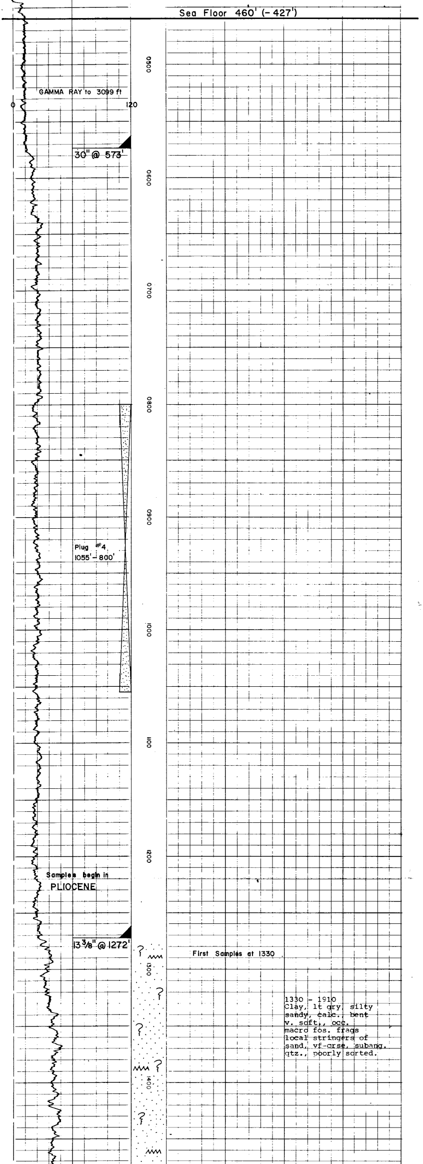
Equipment Data

Run No.	Tool Type	Tool Position	Other
1	6 FF 40	1-1" [illegible]	

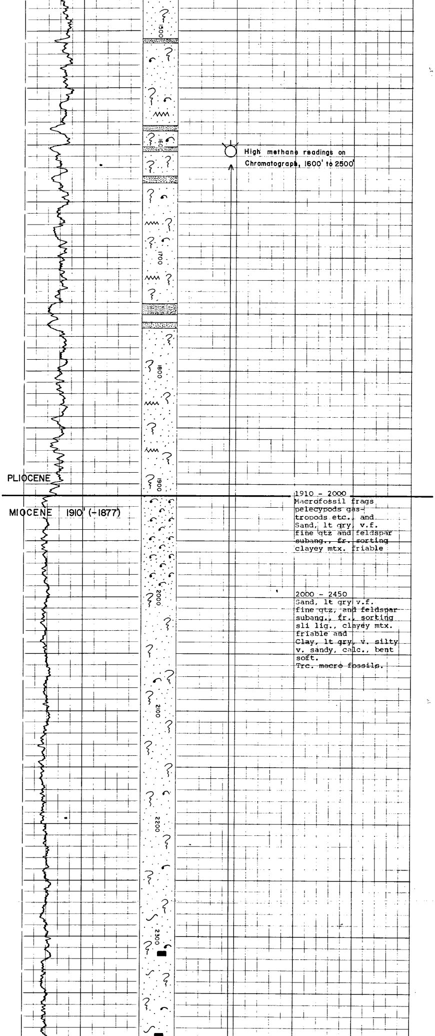
Run No.: One
C.D.: -
S.O.: 1 - [illegible]"
Equip. PANEL No.: [illegible]
Used: CART. No.: [illegible]
SONDE No.: [illegible]
IAP No.: [illegible]
S.B.R.: 1

Check one, filling in blanks where applicable:
☒ Surface determined sonde errors used for 6FF40.
☐ 6FF40 sonde error corrected for inch borehole signal at Rm =
☐ 6FF40 zero set in hole at depth of feet.

SPONTANEOUS POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms - m²/m	CONDUCTIVITY millimhos/m = 1000 / ohms - m²/m
10 − |←→| +		A - 16" - M SHORT NORMAL 0 10 0 100 INDUCTION 0 10 0 100 AMP. SHORT NORMAL 0	6FF40 INDUCTION 1000 0 2000 1000 3000 2000



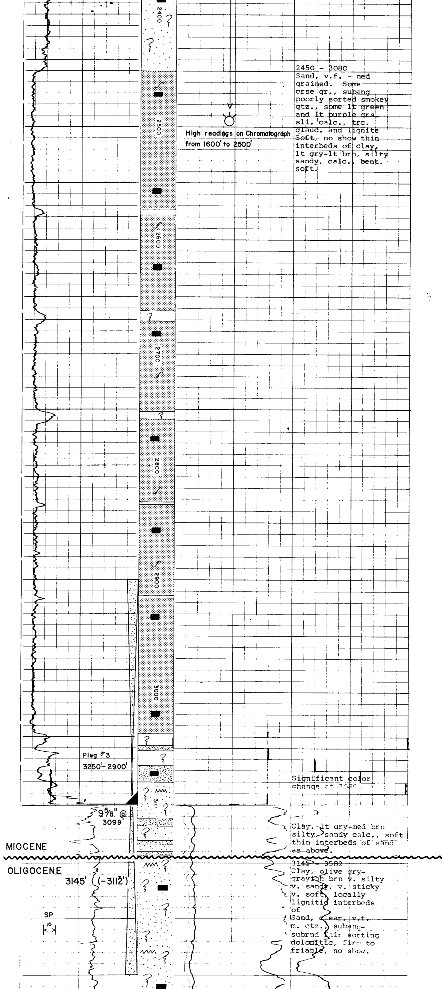
1330 - 1910
Clay, lt gry, silty
sandy, calc., bent
v. soft., occ.
macro fos. frags
local stringers of
sand, vf-crse, subang.
qtz., poorly sorted.



High methane readings on Chromatograph, 1600' to 2500'

1910 - 2000
Macrofossil frags pelecypods gastropods etc., and Sand, lt gry, v.f. fine qtz and feldspar subang., fr. sorting clayey mtx. friable

2000 - 2450
Sand, lt gry v.f. fine qtz, and feldspar subang., fr., sorting sli lig., clayey mtx. friable and
Clay, lt gry, v. silty v. sandy, calc., bent soft.
Trc. macro fossils.

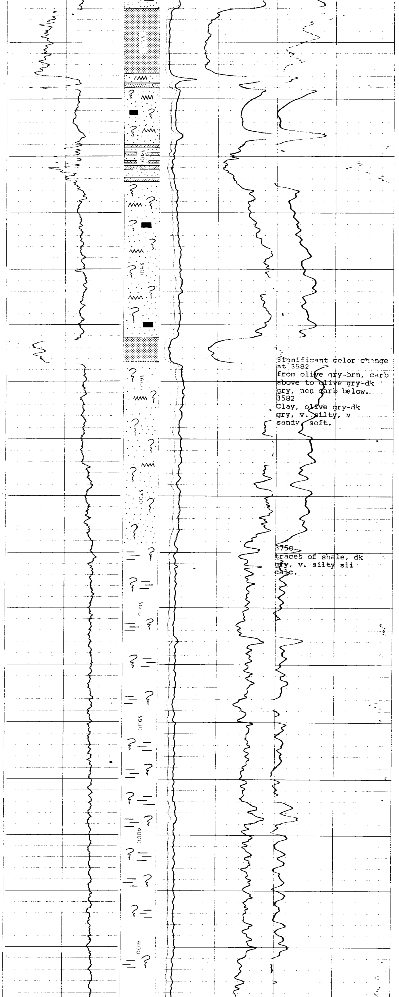


2450 - 3080
Sand, v.f. - med grained. Some crse gr., subang poorly sorted smokey qtz., some lt green and lt purple grs. sli. calc., trc. glauc. and lignite Soft, no show thin interbeds of clay, lt gry-lt brn, silty sandy, calc., bent. soft.

Significant color change at 3080

Clay, lt gry-med brn silty, sandy calc., soft thin interbeds of sand as above.

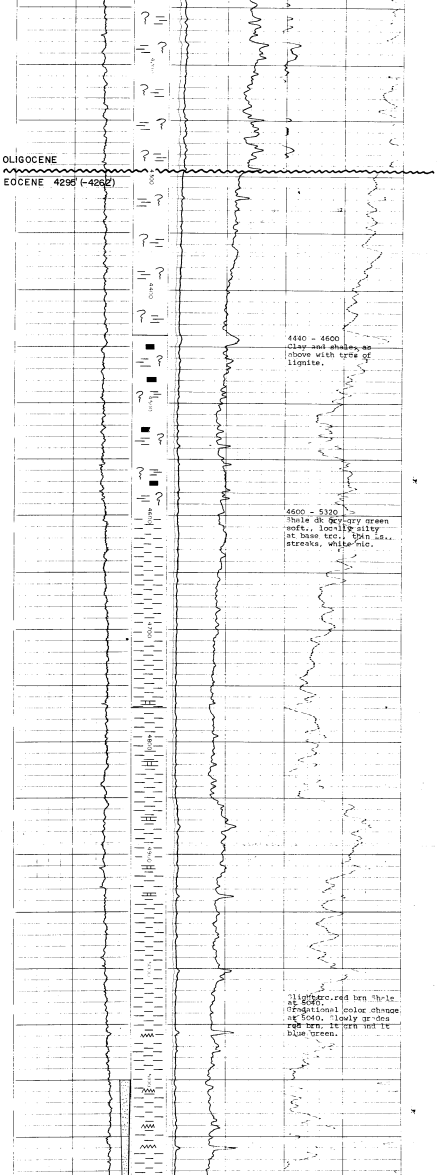
3145 - 3582
Clay, olive gry-grayish brn v. silty v. sandy, v. sticky v. soft, locally lignitic interbeds of
Sand, clear, v.f. m. qtz., subang-subrnd fair sorting dolomitic, firm to friable, no show.



Significant color change at 3582 from olive gry-brn, carb above to olive gry-dk gry, non carb below.

3582
Clay, olive gry-dk gry, v. silty, v sandy, soft.

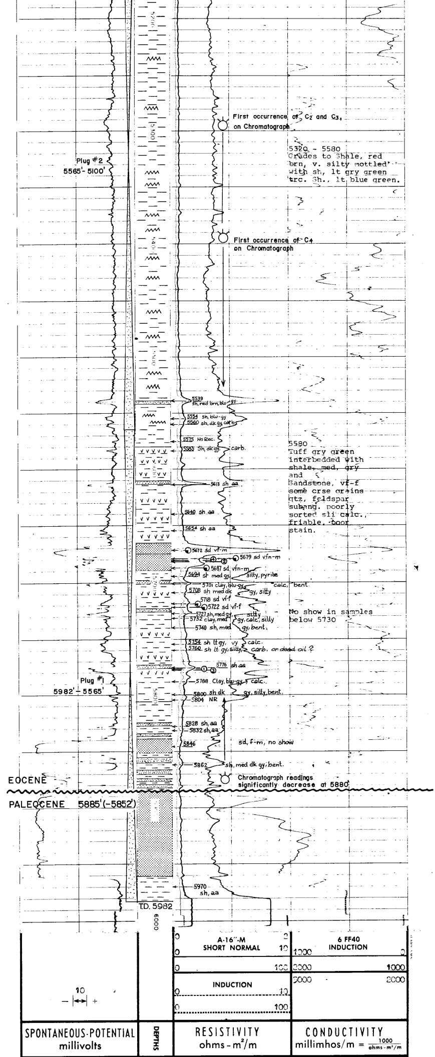
3750
traces of shale, dk gry, v. silty sli calc.



4440 - 4600
Clay and shale, as above with trcs of lignite.

4600 - 5320
Shale dk gry-gry green soft., locally silty at base trc., thin Ls., streaks, white mic.

Slight trc. red brn Shale at 5040.
Gradational color change at 5040. Slowly grades red brn, lt grn and lt blue green.



COMPANY ESSO Exploration Norway Inc.

WELL 25/11 - 2

FIELD Wildcat

COUNTY Norway STATE North Sea

SCHL. FR 5901
SCHL. TD 5982
DRLR TD 5982
Elev:
KB 31
DF 29.5
GL -449

NOTE: No Conventional Cores Taken

Formation Interval Test Results

Test No.	Depth (ft)	Results
FIT No. 1	5777	Reverse fire. Seal failed Recovered 3000 cc mud.
FIT No. 2	5672	Direct fire. Seal failed. Recovered 3000 cc mud.
FIT No. 3	5778	Reverse fire. Seal failed. Recovered 3000 cc mud.
FIT No. 4	5671	Reverse fire. Recovered 11.5 cf gas, 6900 cc oil, 26.5° API at 60° F, 3250 cc oil and gas cut mud. GOR 265. Sampling time 36.5 minutes. Sampling pressure 2550 psi, final shut in pressure 2675 psi, hydrostatic pressure 3650 psi.