SIMON PETROLEUM TECHNOLOGY WELL: 25/2-8

Print: 6560 H	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 20 FT	Initials: JPK	100	2380	1/500	2380

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY SPT

COMPLETION LOG

B10 H02 25/2-8 Composite Log 1:500M 181 - 2380 m [illegible] B10 H02

6560

Completion - Ø

	YEAR	LICENCE	OWNER	OPERATOR	FIELD
	1984	026	PETRONORD	EAN	EAST FRIGG ALPHA

OWNER	WELL	OPERATOR
PETRONORD	25/2-8	EAN

PETRONORD
25/2-8
EAN

COMPOSITE LOG

AREA
NORWAY OFF-SHORE

SCALE 1/500

COORDINATES: X	59° 54'45,136"	ON LOCATION:	18.06.84
Y	02° 20'27,619"	SPUDDED:	18.06.84
WATER DEPTH:	106 MSL RKB + 12 m	AT T.D.:	25.07.84
RIG:	PELERIN	T.D. (driller):	2381 m
CONTRACTOR:		T.D. (logger):	2380 m
MUD LOGGING:	GEOSERVICES	COMPLETED:	02.08.84

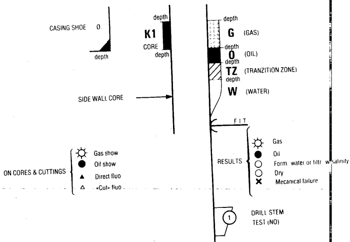
WELL-SITE GEOLOGISTS: TISSERANT. M. BOSO. J.

APPROVED BY: DATE: OCT.-84

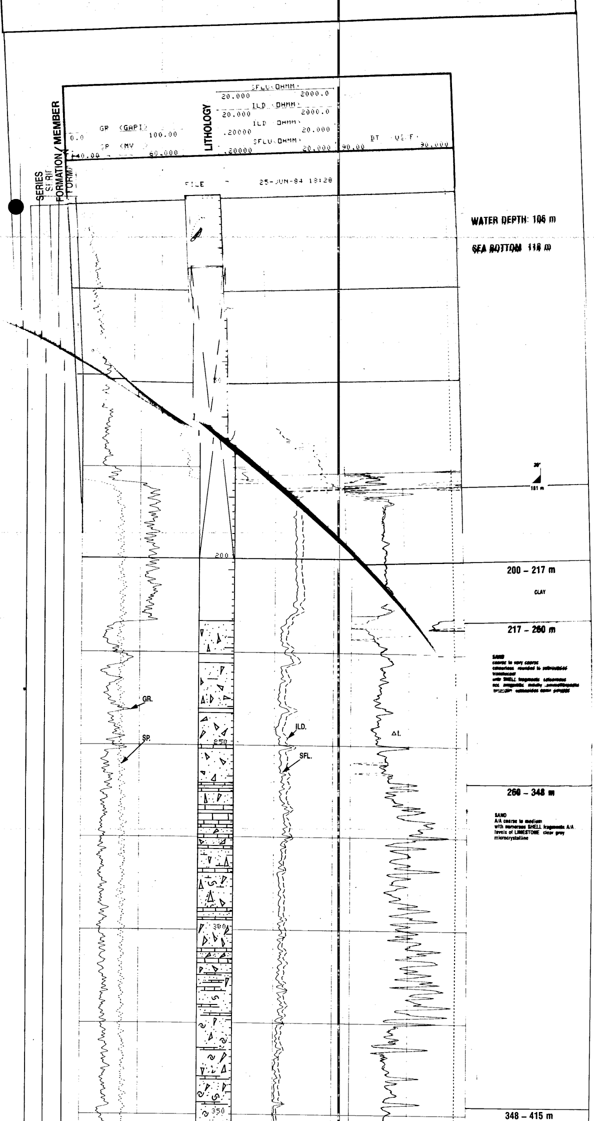
STATUS: PLUGGED AND ABANDONNED

TOP FRIGG FM. AT 1917.5m RKB 48.5m HC COLUMN (40.5m GAS. 9m OIL)

LEGEND



⁙	SANDSTONE, fine grained	☰	SILTSTONE
⁘	SANDSTONE, coarse	v v v	TUFF, VOLCANICS
☰	CLAY SHALE	■	COAL, LIGNITE
☰	calcareous SHALE	▩	ANHYDRITE
☰	MARL	L L L	ROCK SALT
▦	LIMESTONE	□	PYRITE
▧	DOLOMITE	C	CALCITE
		■	BITUMEN
		*	GLAUCONITE
			FOSSIL FRAGMENTS
		M	MICA
			FORANMINIFERS



WATER DEPTH: 106 m

SEA BOTTOM 118 m

200 – 217 m

CLAY

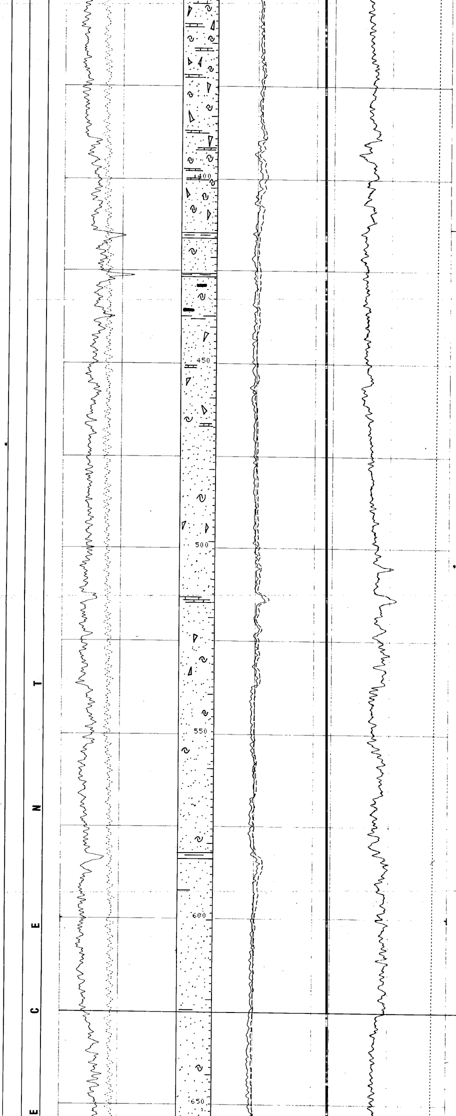
217 – 260 m

SAND
coarse to very coarse
colourless rounded to subrounded
translucent
with SHELL fragments calcareous
acc. [illegible]
[illegible]

260 – 348 m

SAND
A/A coarse to medium
with numerous SHELL fragments A/A
levels of LIMESTONE clear grey
microcrystalline

348 – 415 m



SAND
coarse to medium, colourless
translucent, sub-rounded occ.
with glauconite
with numerous SHELL fragments A/A
Some intercalations of LMT A/A

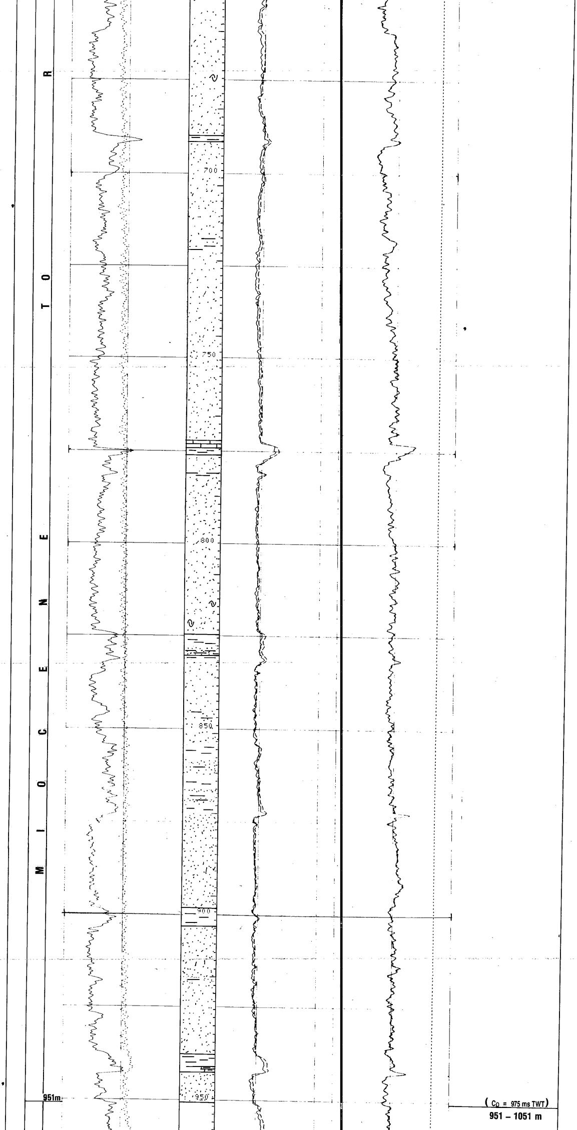
415 – 625 m

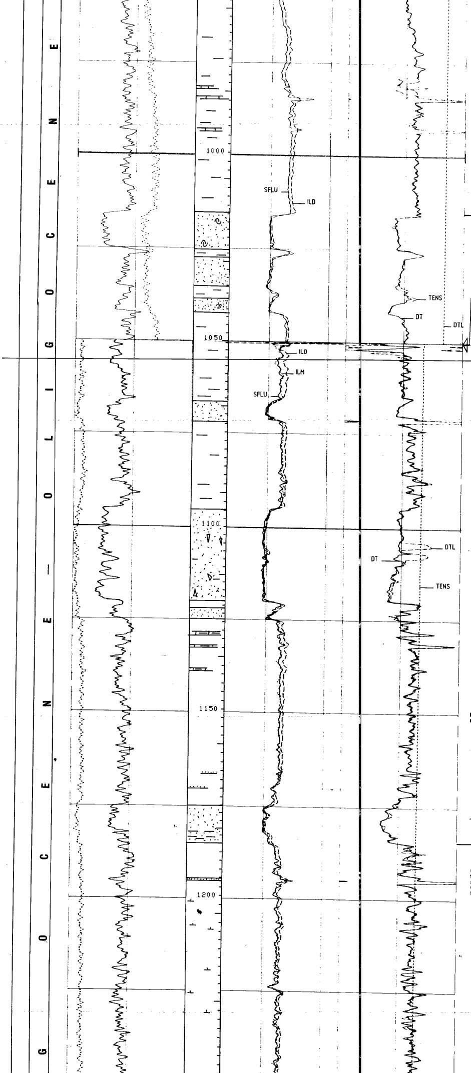
SAND
coarse to medium, becoming fine,
subrounded, colourless, translucent
some SHELL fragments, calcareous

Presence of LIGNITE, black, dk.
brown.
Thin layers of SHALE, grey.

625 – 951 m

SAND
fine to medium, sub-rounded
colourless, translucent.
Fine layers of CLAY, clear grey,
sticky, soft, plastic, silty.
Less SHELL
fragments than before.





CLAY, clear grey, to dark grey, very silty to occ. Sandy, plastic, soft, sticky.

1015 – 1185 m

Alternations of SAND, fine occ. medium, sub-rounded, translucent and CLAY, clear grey, soft, silty to very silty.

CHANGE OF SCALE
(see heading below)

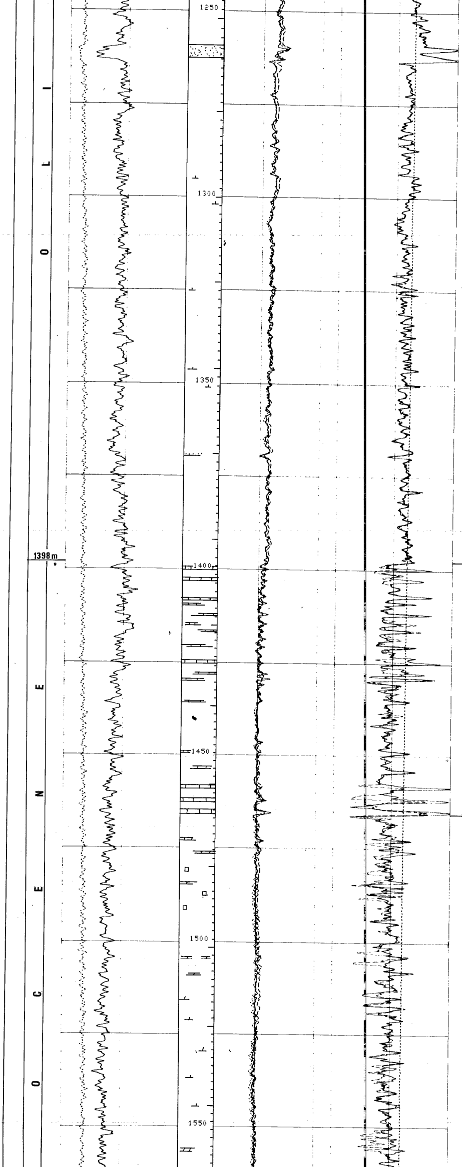
13 ⅜"
1050 m

CLAY, clear grey, soft, silty, interbedded with sand, fine occ medium, subrounded

Presence of CLAYSTONE, dark grey, soft, silty, slightly calcareous

1185 – 1398 m

CLAY, grey, silky, plastic, trace of LIMESTONE beige, soft some intercalations of SAND very fine to fine, colourless, translucent.

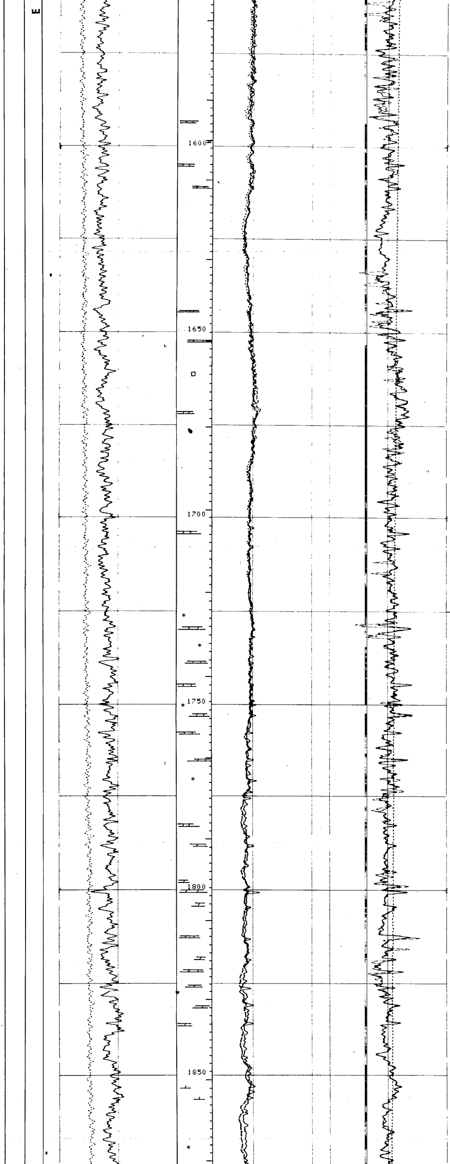


1398 – 1466 m

CLAY, dark grey, silty, soft with intercalations of LIMESTONE, beige, soft to hard

1466 – 1725 m

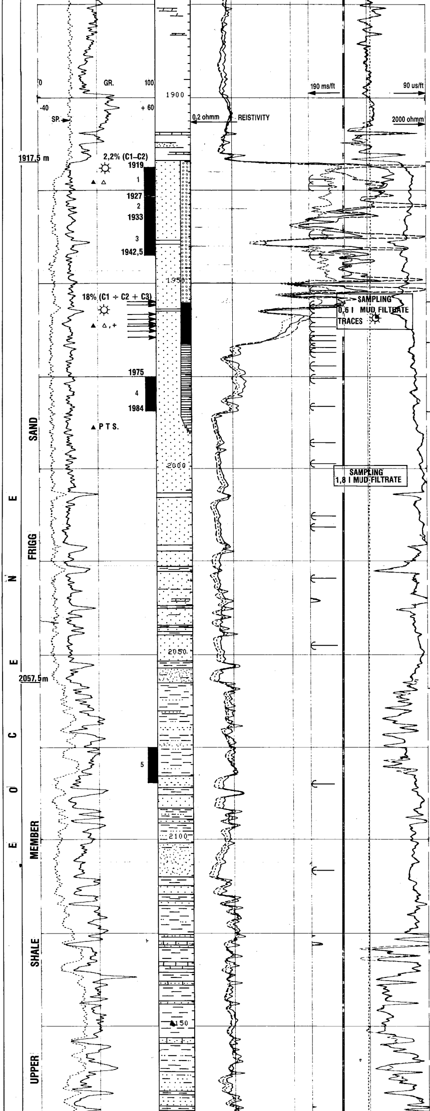
CLAY, grey to green, silty soft. Presence of DOLOMITE beige, soft to hard, crystalline some traces of Pyrite.



1725 – 1917,5 m

SHALE, grey to greenish,
indurated, firm
Traces of DOLOMITE, beige,
crystalline, silty.

SHALE A/A, locally clear
brown and silty.
Presence of glauconite



(C 1 a C = 1850 TWT)

1917,5 – 2057,5 m

SAND, fine, subangular, colourless micaceous, occ. glauconitie and pyrite
Some laminations of SHALE, sandy micaceous, clear grey.

G.O.C. 1957 m

SAND, fine, brown by impregnation very good porosity.

WOC 1966 m

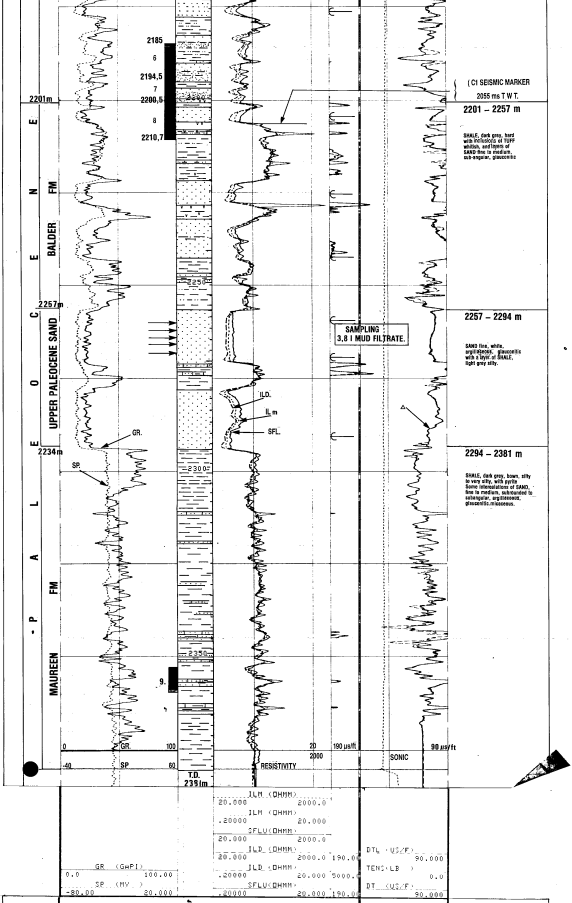
SAND
poorly sorted, fine to coarse, subrounded, with mica
Layers of fine clear grey SHALE

2057.5 – 2130 m

Alternance,
SHALE, grey, greenish, silty, slightly calcareous, and layers of SAND translucent, fine to medium.

2130 – 2201 m

SHALE:
light grey, and SHALE red brown, soft, with some layers of SAND, translucent, fine to medium, subrounded occ, argilleaceous w/ some calcareous commulations



(C1 SEISMIC MARKER
2055 ms T W T.

2201 – 2257 m

SHALE, dark grey, hard with inclusions of TUFF whitish, and layers of SAND fine to medium, sub-angular, glauconitic

2257 – 2294 m

SAND fine, white, argillaceous, glauconitic with a layer of SHALE, light grey silty.

2294 – 2381 m

SHALE, dark grey, bown, silty to very silty, with pyrite Some intercalations of SAND, fine to medium, subrounded to subangular, argillaceous, glauconitic.micaceous.

RESISTIVITY AND SONIC LOGS	1. ISF. LSS. GR. SP 2. ISF. LSS. GR. SP 3. DIL. LSS. GR. SP. 4. DLL. MSFL GR	180 – 1069 m 1050 – 2040 m 1050 – 2380 m 1875 – 2250 m
NEUTRON AND DENSITY LOGS	1. LDT. GR. CAL. GR 2. LDT. CNL. CAL. GR	180 – 1064 m 1050 – 2380 m
DIPMETER LOGS	1. BGT 2. HDT.	180 – 2064 m 1050 – 2379 m
CST	ASKED 20 – RECOVERED 15	1955 – 2268 m

RFT

RFT n°1

DEPTH (M RKB)	FORMATION PRESSURE HP-GAUGE (PSIA)
1924.0	2612.4
1937.0	2614.0
1956.0	2616.9
1964.0	2625.8
1999.0	2676.8
2016.0	2702.9
1972.0	2639.9

RFT n°2

DEPTH (M RKB)	FORMATION PRESSURE HP GAUGE (PSIA)
1922.0	2610.05
1942.5	26. 3.48
1951.5	26 3.88
1956.5	2616.52
1959.0	2619.80
1962.0	2623.50
1966.5	2628.68
1965.5	2627.33
1968.0	2631.08
1975.5	2641.90
1983.5	2654.30
1993.0	2667.75
2013.0	2697.60
2030.0	2723.19
2048.0	2749.82
2085.0	2805.44
2109.5	2842.28
2176.0	2949.95
2204.5	2991.10
2225.0	3024.05
2242.2	3049.07
2259.0	3074.44
2269.0	3089.21
2290.5	3120.80

RFT No. 3

SEGREGATED SAMPLING AT 2259 M RKB
HYDROSTATIC PRESSURE: 4324 PSIG (RFT)
FORMATION PRESSURE: 3774.26 PSIA (HP)
3058 PSIG (RFT)

PLUGGING PROBLEMS BOTH CHAMBERS (AT SURFACE PROBE PACKED WITH SAND).

2 3/4 GALLON CHAMBER (FINAL SAMPLING PRESSURE 120 PSIG)

RECOVERY: 0.09 CUFT OF WATER POLLUTED WITH MUD FILTRATE. NO GAS.

1 GALLON CHAMBER (FINAL SAMPLING PRESSURE 113 PSIG).

RECOVERY: 0.05 CUFT OF WATER, CLEANER THAN FOR LARGE CHAMBER,
TRACES OF MUD FILTRATE. NO GAS.

RFT No. 4

SEGREGATED SAMPLING AT 1993 M RKB
HYDROSTATIC PRESSURE: 3819 PSIG (RFT)
FORMATION PRESSURE: 2667.34 PSIA (HP)
2659 PSIG (RFT)

PLUGGING PROBLEMS BOTH CHAMBERS

2 3/4 GALLON CHAMBER (FINAL SAMLING PRESSURE 496 PSIG)
RECOVERY: 0.02 CUFT OF MUD FILTRATE. NO GAS.

1 GALLON CHAMBER (FINAL SAMPLING PRESSURE 187 PSIG)
RECOVERY: 0.05 CUFT OF MUD FILTRATE AND (NO GAS)

1 GALLON CHAMBER (FINAL SAMPLING PRESSURE 187 PSIG)
RECOVERY: 0.05 CUFT OF MUD FILTRATE AND NO CONCENTRATE

RFT No 5

DEPTH (M RKB)	FORMATION PRESSURE HP-GAUGE (PSIA)
1940.8	2615.03
1949.0	2616.34