SIMON PETROLEUM TECHNOLOGY

WELL: 30/7-6

Print: 2239CK	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 95 FT	Initials: TS	150	3410	1:500	3711

DIGITAL WIRELINE LOGS PACKAGE
1995
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SIMON PETROLEUM TECHNOLOGY

COMPLETION LOG

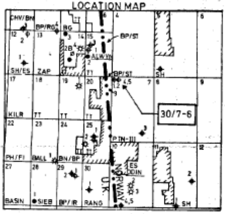
CK

Norsk Hydro a.s
Oslo – Norway

Well no **30/7-6**
Year **1977**
Country **NORWAY**
Licence **040**

Composite well log
Scale 1:500

LOCATION MAP



SCALE 1: 1.000.000

COORDINATES: N 60° 29' 29. 82"
———"——— : E 02° 03' 26. 14"

ELEVATION KB : 24 m

WATER DEPTH : 116,5 m

T.D. (DRILLER) : 3784 m
T.D. (LOGGER) : 3711 m (see remarks)

CASING RECORD: 30" at 186 m 13 3/8" at 2541 m 7" liner at 3707 m
20" " 765 m 9 5/8" " 3252 m.

REMARKS: The well was initially drilled down to 3784 m. At this depth the well kicked and had to be plugged back to 2478 m. A sidetracked hole was drilled from 2619 m to 3711 m.

DATE ON LOCATION
DATE SPUDDED : Feb. 15 1977
REACHED T.D. : July 5 1977
COMPLETED : July 31 1977

STATUS : Temporarily abandoned

RIG : Polyglomar Driller

MUDLOGGING : Exploration Logging Co

GEOLOGISTS : L. Beckman, N. Fagerland, D. F. Nicklin, Th. Chr. Thomassen.

CLAY	SAND / SANDSTONE	DOLOMITE	CONGLOMERATE	ANHYDRITE	☐
CLAYSTONE	SILT / SILTSTONE	CALCAREOUS DOLOMITE	CHALK	SALT	☐
SHALE	LIMESTONE	MARL / MARLSTONE	TUFF	GYPSUM	☐
SILTY SHALE	DOLOMITIC LIMESTONE	COAL / LIGNITE	IGNEOUS (UNDIFFERENTIATED)	☐	☐

C	Carbonaceous mat		Phosphate	Y	Bryozoans		Macrofossils
Δ	Chert	□	Pyrite / Hematite		Corals		Microfossils
✱	Glauconite		Algae		Foraminiferas	P	Pelecypods
M	Mica	B	Brachiopods	B	Gastropods		Tubes (undifferentiated)

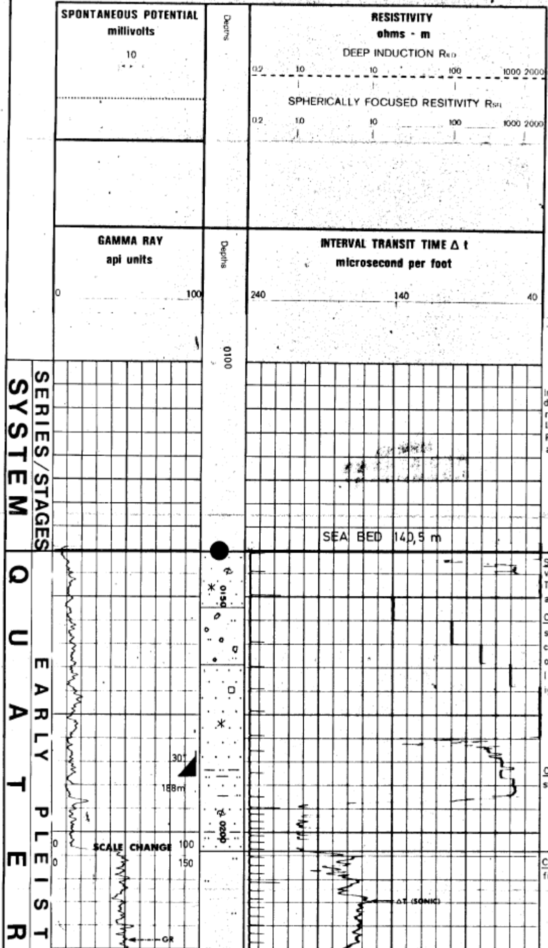
Casing Shoe ◢
Core Interval ▮
(No recovery)
Side Wall Core ▶
(No recovery)
F.I.T. ①
Deviation

Perforated interval

Cement
Plug
Interval

● Oil - good show
• Oil - poor show
☼ Gas - good show
☼ Gas - poor show
Fl. Fluorescence

D.S.T.
Through casing
Open hole
Re - Run



Interval 140.5 - 188m drilled with no return; interpreted lithology based on ROP and samples adhering to the bit.

140,5 - 204m

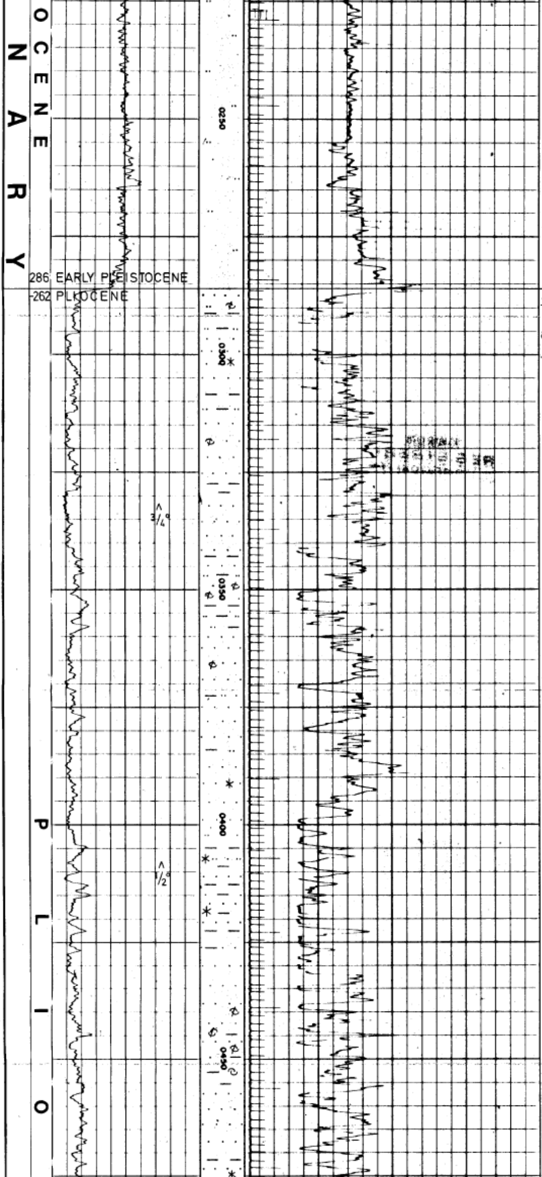
Sd: clr Qtz, vf - m, occ v crs, subang - rnd, Tr Glau, Pyr and shell frags.

Cly: m dk - dk gy, slty, sl calc w/ cobbles and pebbles of basement rocks (metamorphic and igneous).

Cly: m - dk gy, sft, sticky, slty, sl. calc.

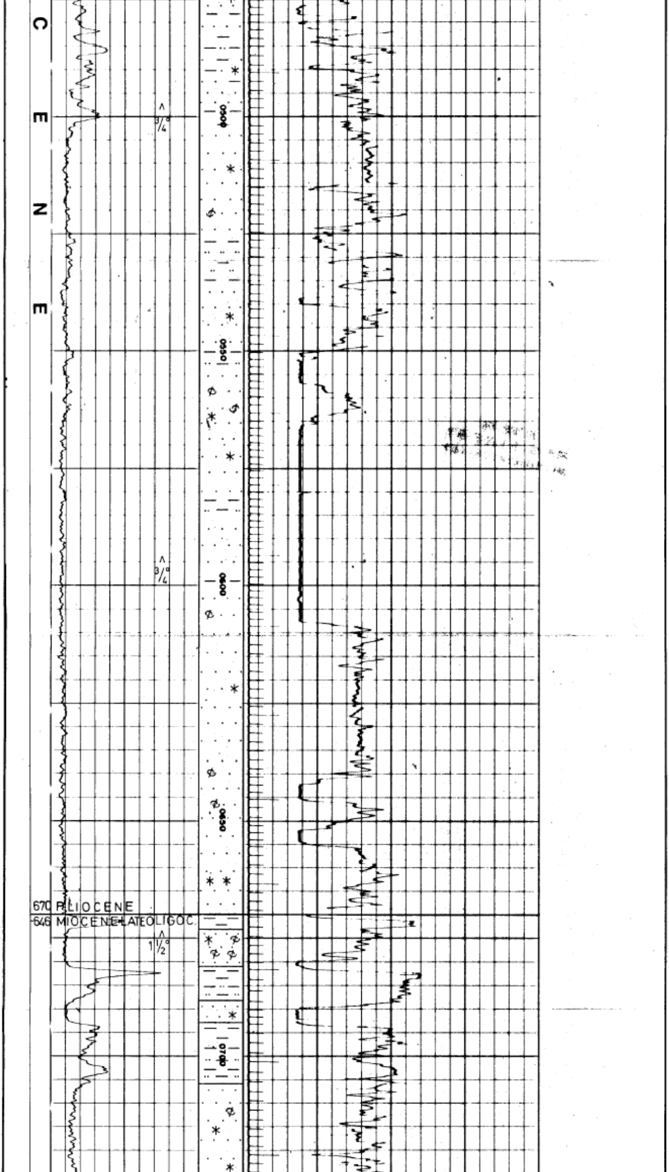
204 - 286m

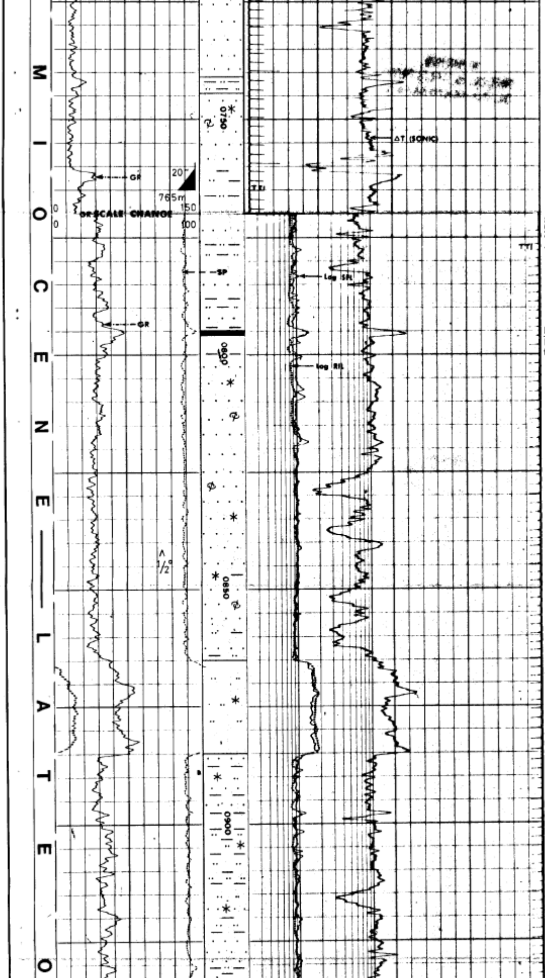
Cly: dk gy - m dk gy, firm, slty, sl calc.



286-973 m

Sd: clr Qtz, vf-m,
occ crs - v crs,
ang - rnd, mic,
intbd w/ Cly: m gy -
olv gy, sft - firm, slty,
occ v slty.
Occ: tr Glau: dk grn-
blk, hd, nod and abn
shell frags: bivalves,
forams, echs.

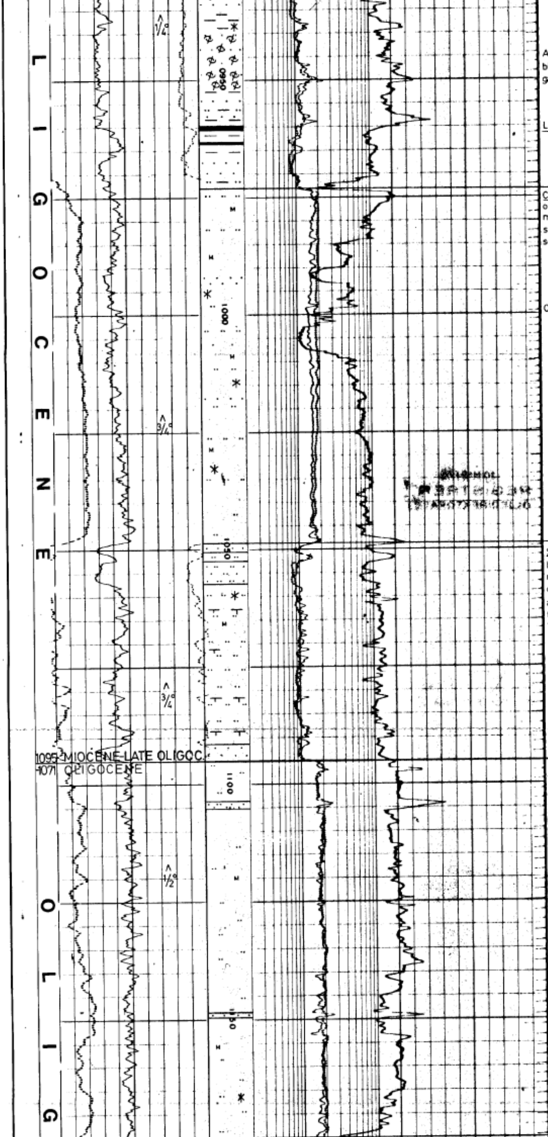




Lign: blk - v dk
brn, firm - hd,
fibrous wood struc.

Cly: dk olv grn,
occ blk, sft, bec
firm, sticky, silty in pt.

Slst brn, firm,
sl. calc, glau.



Abn. shell frags: bivalves, echinoids, gastropods, forams.

Lign a/a.

973 - 1048 m

Clyst: olv gy, occ olv blk, sft - firm, micro-mic, sl calc, slty, occ v slty, sdy.

Occ Tr Glau.

1048 - 1095m

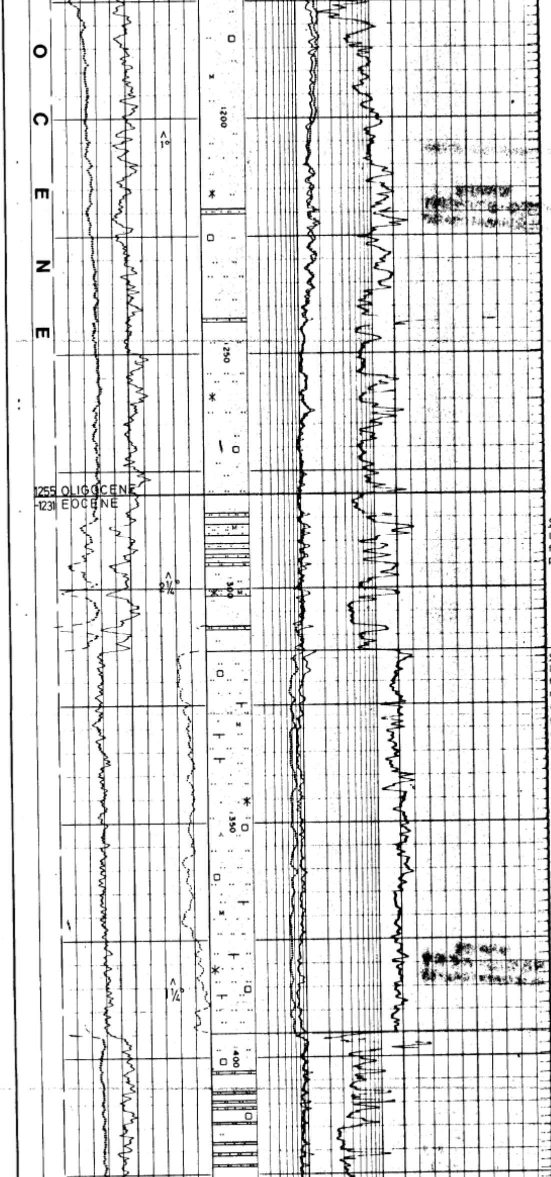
Slst: olv gy, olv blk, sft - firm, micro-mic, sl calc, w/sdy intbd, arg, loc grdg to Clyst.

Tr Glau.

1095 - 1313m

Clyst: lt - dk olv gy, sft - firm, stky, micro-mic, sl - n calc, slty, occ v slty w/thin strgs of Sst: lt gy, grn gy, lt brn, vf, subang - subrnd, firm, fri, occ hd, calc cmt.

Tr. Glau and Pyr.



Sst: dk yel - brn, ltgy, f, subrnd, fri, micro - mic in prt, calc cmt.

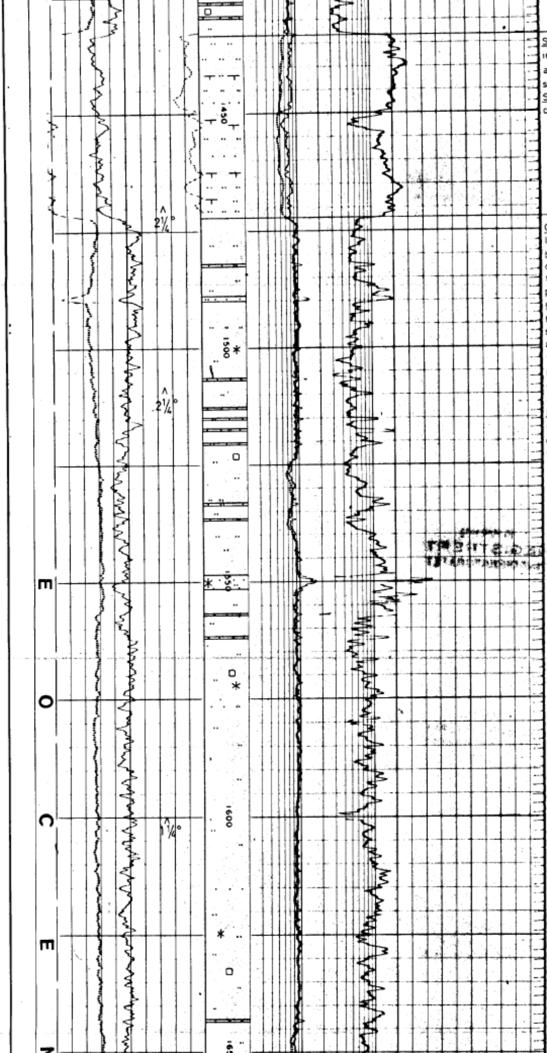
-1313 - 1395 m

Slst: lt olv gy, lt olv brn, mod firm, occ micro-mic, n calc, arg, occ pyr, occ grdg to Sst: lt gy, f, subrnd, glau. Some lse Sd: clr, fros Qtz, m - crs, subrnd.

-1395 - 1438 m

Clyst: a/a with thin interbd Slst and Sst a/a.

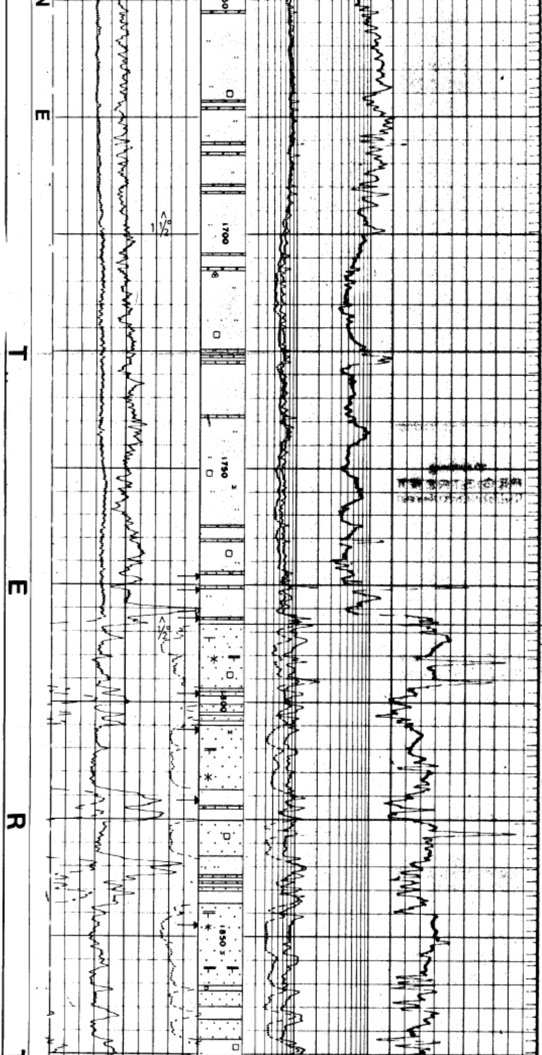
Occ tr Pyr.



1438-1472m
Slst: a/a with intbds of Clyst a/a and thin strgs of lse Sd: clr, fros Qtz, crs, subrnd.

1472-1783.5m
Clyst: lt olv gy, lt gy-gy grn, sft bcm ind and firm, occ blky, n calc, freq slty grdg in places to Slst: grn-gy, firm-v firm, v. arg, occ sdy, occ glau and pyr.

Thin strgs of Sst: lt gy, f, subang, w srtd, glau, calc cmt and Lst, lt brn-dk brn, crypto xln, v hd, dns, spltry, occ v dol.



Clyst: dk olv gy-dk gy, sft - firm, blky-subfiss, slty, occ v slty, n. calc. Clyst bec ind grdg to Sh.

Tr Pyr: nod, spic.

Strgs of Sst: dk yel-orng, vf, firm-hd, n calc, no shows.

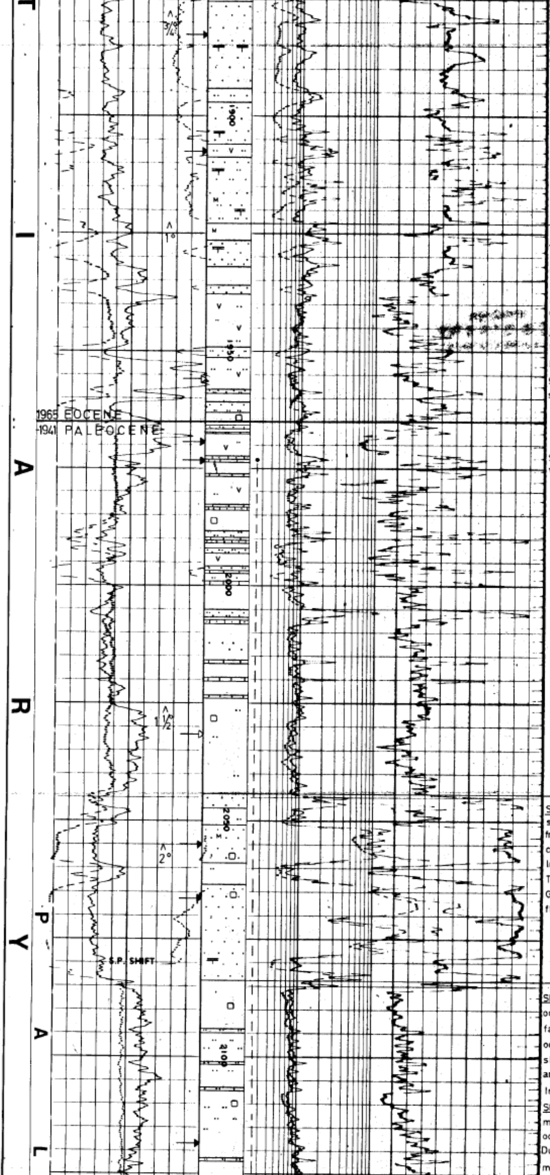
1783,5 - 1923m

Sd : lse, clr, fros Qtz, vf-crs, ang- subrnd, mod-poor srtd, occ slty, occ micro-mic and glau, in pt calc cmt, more common in lower part, no shows.

Intbd w/ Clyst/Sh:

lt - dk gy, m-dk gy grn, firm, crumbly, incr ind bcm fairly hd, blky, n calc, pt slty.

Tr Pyr.



Poss tr Tuff ?

1923 - 2044m

Clyst/Sh: lt - mgy, gy grn, firm; incr ind bcm blky-subfiss, micro-mic, occ sl calc, pt slty, pyr w/thin intbd Sst: clr, lt gy, f grdg to Shst, subrnd, w srtd, firm - hd, fri, calc cmt. Below 1970m on Sst, gold flu, m slow, wh strmg flu cut.

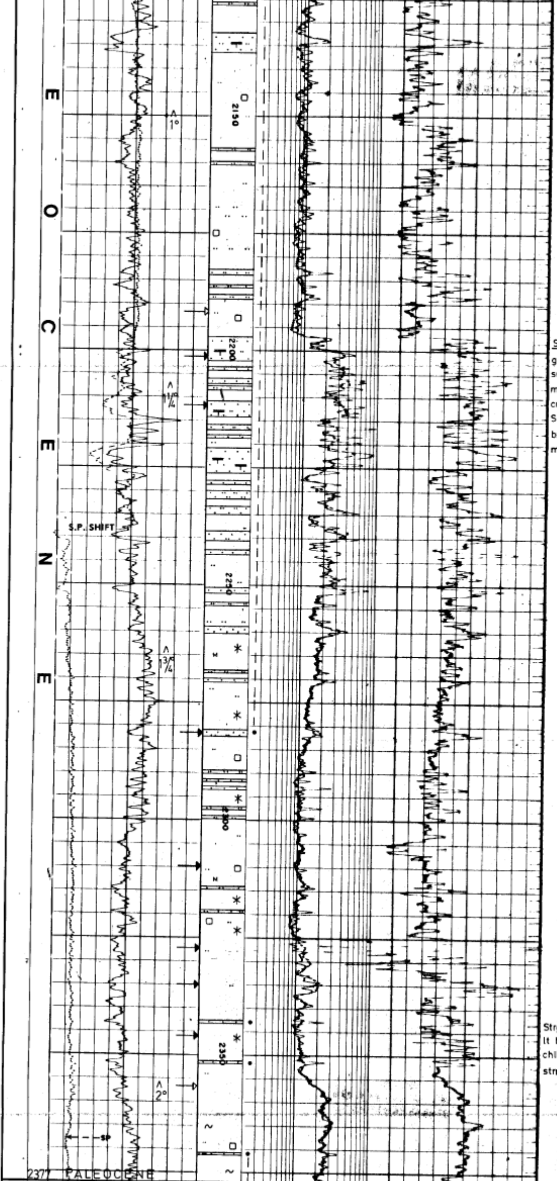
Strgs of Lst:wh-tan,firm-v hd, loc sdy. Shows a/a.

2044 - 2084 m

Sst : clr, lt gy, vf-m, subrnd, mod srtd, hd, fri, poorly cmtd w/calc cmt, occ grn and blk lithic clasts, micro-mic, Tr vf spic Pyr.
Gold flu, occ weak, wh flu cut.

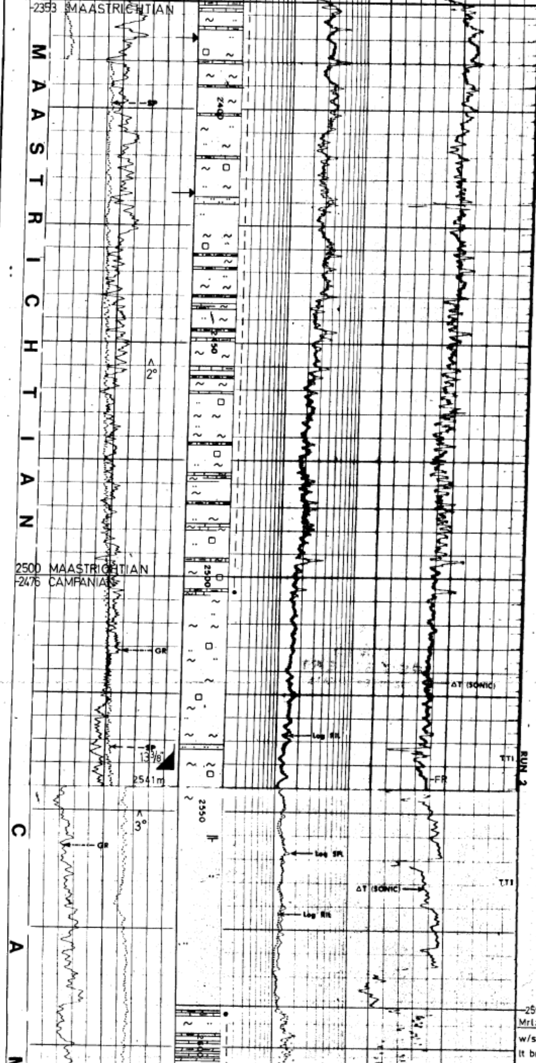
2084 - 2377m

Sh: dk gy, gy brn, blk, occ dk grn, firm, bcm fairly hd, subfiss, crumbly, occ wxy, micro-mic, sl - n calc, occ slty and sdy, pyr.
Intbd w/ thin strgs of Slst: lt gy - grn, dk brn, mod hd, subfiss, v arg, occ sdy, occ v calc.
Dull, yel flu, slow strmg, mlky flu cut.



Sst: lt - m gy, clr, f, occ grdg to slt, subang-subrnd, mod srtd, mic, pyr, poorly cmtd w/calc cmt. Some oil stain, dull-bright, yel flu, weak mlky flu cut.

Strgs of **Lst:** wh gy - lt brn, sft, firm in pt, chlky. Dull, yel flu, wh, strmg flu cut.



2377 – 2592m

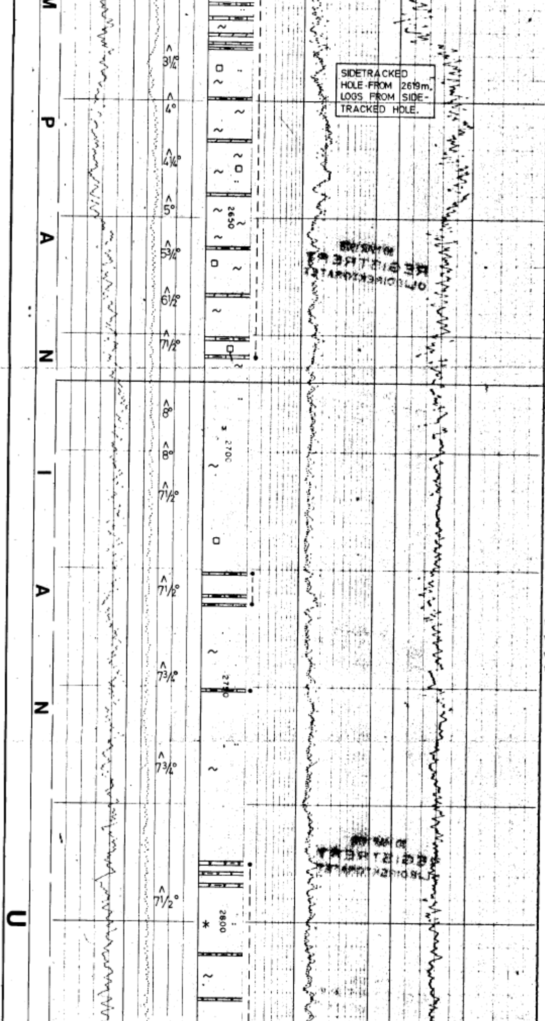
Sh: m - dk gy, dk brn gy, firm, blky - subfiss, occ slty pyr, gen. n-sl calc, in prt v calc grdg to Mrl: lt-m gy, sft, prtly firm, gen. a morph, occ slty, pyr.

Intbd w/ strgs of Lst: wh, pff wh, lt brn, firm-hd, occ micro xln, dns, ang, occ v arg grdg to sft chky Mrl a/a.

On Lst dull-bright yel flu, gen no flu cut, occ. sl mod-fast strmg, wh flu cut.

2592 - 2685 m

Mrl: wh – lt gy, v sft - firm, w/strgs of Lst: wh, lt gy, lt brn, sft firm, chky,



SIDETRACKED HOLE FROM 2619m. LOGS FROM SIDETRACKED HOLE.

occ hd, micro-xln, occ. glau, often arg. grdg to Mrl a/a and Dol: tan, hd-v hd, blky, crypto-xln. Tr dull, yel orng flu with slow, pale-bright yel-wh, strmg flu cut.

Mrl: a/a grdg to Sh/Clyst: m-dk gy, dk grn gy, gy brn, sft-firm, occ hd, blky-subfiss, occ micromic, sl-mod calc, occ slty w/ Pyr nod and f dispersed spic.

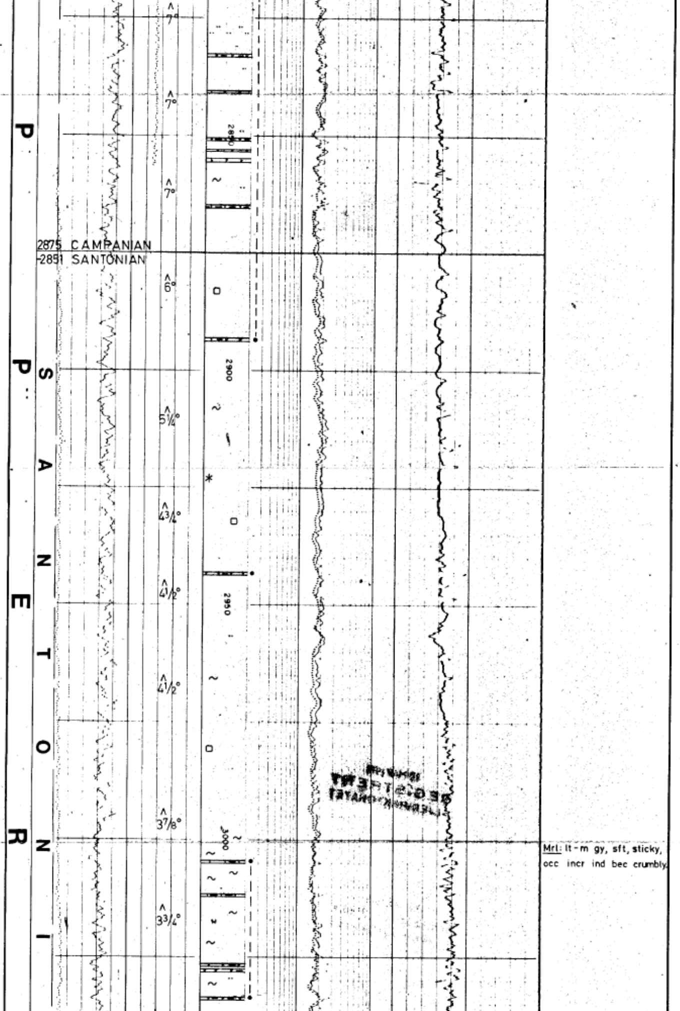
— 2685 - 3120 m —

Sh/Clyst a/a w/ thinly intbd Mrl, dol Lst and Slst lenses.

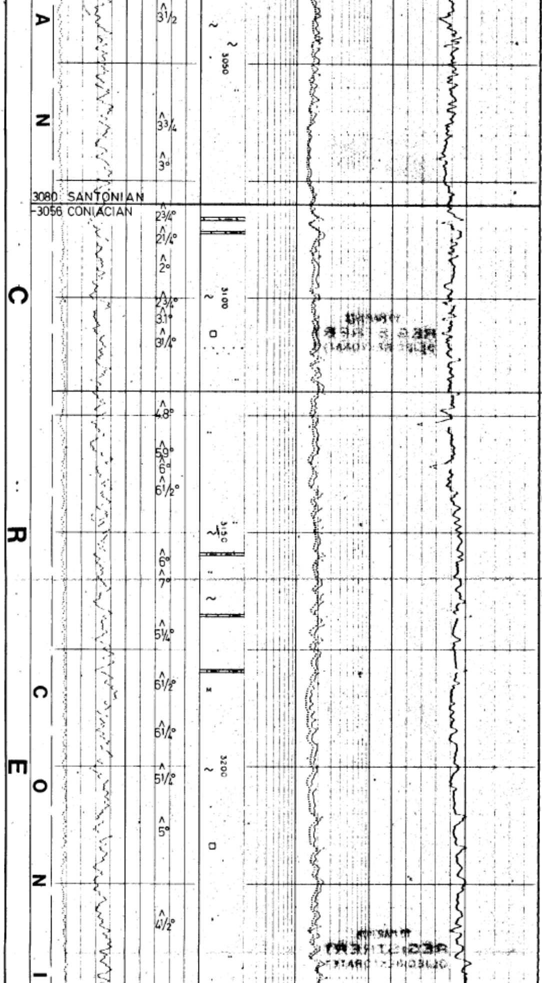
Mrl: lt gy, lt brn, sft-mod hd, sticky.

Lst: dol, lt-m brn, hd-v hd, dns, crypto xln, occ. translu, occ slty, occ v. arg. Occ dk brn oil stain, yel orng flu, slow strmg, yel flu cut.

Slst: m-dk brn, occ rd, gy brn, gy grn, firm-hd, fri; n-sl calc, arg. Occ with dull, grn yel flu, weak, wh, slow strmg flu cut.



Mrl: lt - m gy, sft, sticky, occ incr ind bec crumbly.



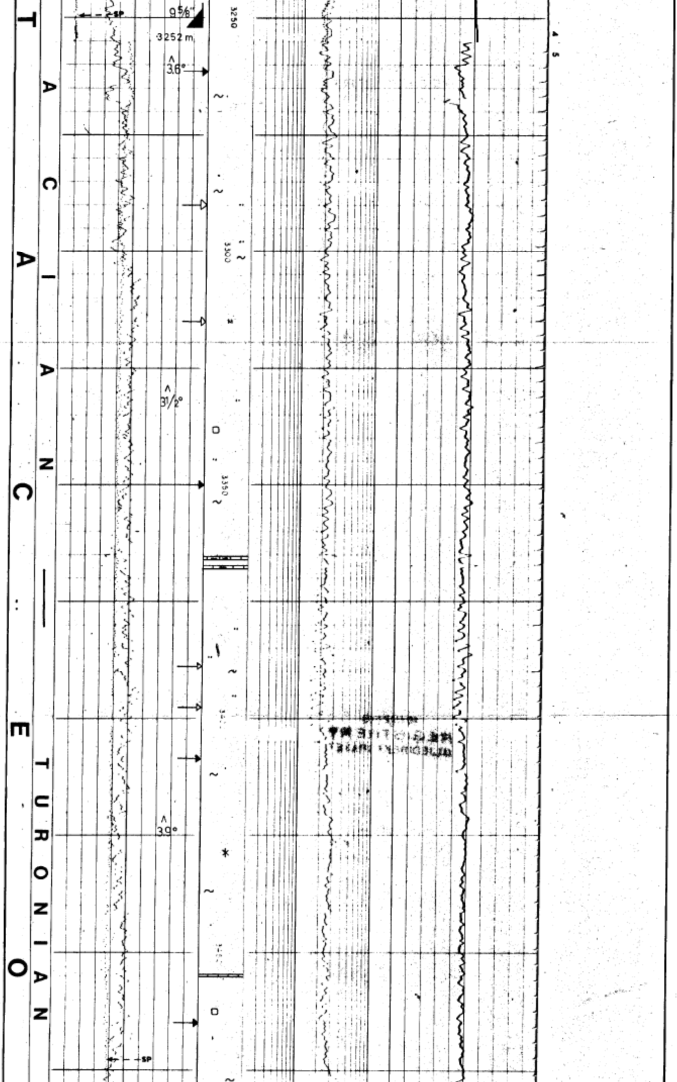
Tr Sd; clr, vf-f, subang, lse.

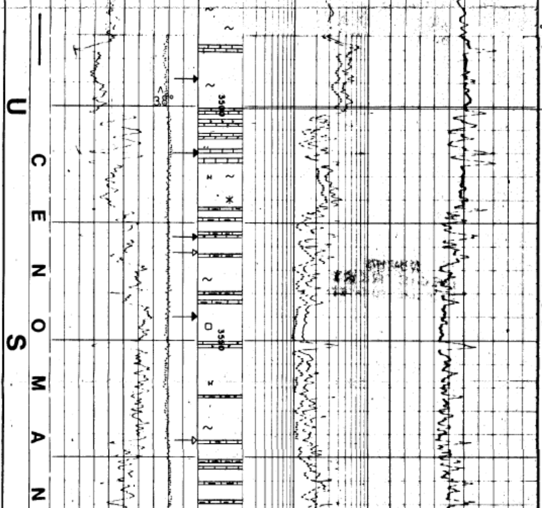
—3120-3501m—

Sh: m-dk gy, gy blk, hd, blky-subfiss, occ micro-pyr, n-sl calc, occ v calc, lt gy, sft-firm, grdg to Mrl. Tr Sh: dk brn-rd brn, occ slty.

Minor Slst: lt gy, gy brn, dk brn, mod hd, fri. Occ. dk brn oil stain, yel gold flu, fair, strmg flu cut.

Lst: lt-dk brn, hd, dns, crypto-xln, dol occ w/ "beef" calcite, tr agglutinating forams.





3501 - 3638m

Sh: lt - m gy, occ dk gy, dk brn, firm - hd, blky - fiss, spltry, n-mod calc, occ v calc grdg to Mrl, occ slty occ micro - mic, occ pyr.

Intbd w/ Lst: wh - lt gy, lt - m brn; sft, crumbly, arg grdg to Mrl; hd dns, crypto - xln, occ slty grdg to calc Slst

Tr of Dol: dk brn, hd, dns, spltry, crypto - xln.