SIMON PETROLEUM TECHNOLOGY WELL: 7120/8-1

Print: 8451 J	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 19.5 FT	Initials: ARC	290	2610	1/500	2610

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY SPT

COMPLETION LOG

Ms.101.1

28051 IV X comp log 7120/8-1 1:200

(n-585)

statoil /ESSO/NORSK HYDRO/ELF/PHILLIP

7120/8-1

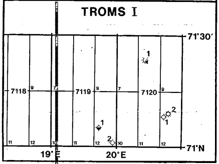
19 MAI 1982

COMPLETION LOG

Scale 1:500

COORDINATES: 71°24'34,43" N
20°26' 6,20" E
K.B.: 25m
WATER DEPTH: 269,5 m
TOTAL DEPTH: 2610m
DEEPEST FORM. PEN.: TRIASSIC
SPUD DATE: JUNE 28 th. 1981
RIG RELEASE DATE: SEPT. 11th. 1981
WELL STATUS: PLUGGED AND ABANDONED
RIG: ROSS RIG
CONTRACTOR: ROSS DRILLING COMPANY A.S.
GEOLOGISTS: D.VEIBERG, T.F. KRISTENSEN, R.NYLEND, S.I. EIDE
PREPARED BY: O.V. GREINER / S. BJERKENES

LOCATION MAP



DATE: March 9th 198

CASING DATA:

	Leak off:
30" at 356,5m	
20" at 735m	1,49 g/cc
13 3/8" at 1807m	1,64 g/cc
9 5/8" at 2593m	
	equiv. mud weight

VELOCITY SURVEY: SSL
19 SHOTS

LOGS RUN

ISF/SONIC - GR - SP	FDC/CNL - GR - CAL	HDT	CST	CBL	RFT	
RUN 1 : 270 - 747 m - ISF/SONIC - GR - SP - **MSFL** RUN 2 : 734 - 1818 m - RUN 3 : 1806 - 2181 m - RUN 4 : 1806 - 2270 m - RUN 5 : 1806 - 2610 m -	RUN 1 : 734 - 1820 m - RUN 2 : 1806 - 2271 m - RUN 3 : 2075 - 2610 m -	RUN 1 : 734 - 1820m RUN 2 : 1806 - 2607m	RUN 1 : 770 - 1815 m RUN 2 : 1823 - 2018 m & 2300 - 2519 m RUN 3 : 2018 - 2129.5 m RUN 4 : 2132 - 2608 m	RUN 1 : 500 - 1807 m RUN 2 : 1450 - 2530 m RUN 3 : 1850 - 2160 m	4 RUNS 2094 - 2264 m	

LITHOLOGIC SYMBOLS

▨ SAND SANDSTONE	▦ LIMESTONE	^ ^ ^ ANHYDRITE	FORAMS	□ PYRITE	M M MICA
SILT SILTSTONE	CHALK	c c c c or COAL LIGNITE	WOOD FRAGS	* * GLAUCONITE	▲ ▲ STYLOLITES
☰ CLAY CLAYSTONE	DOLOMITE	V V V TUFF	FOSSILS, GEN'L	△ △ CHERT	BURROWS
- - - SHALE	~ ~ ~ MARL	SALT	SHELL FRAGS	SIDERITE	FRACTURES

◔ SHOW OR STAIN ◔ HYDROCARBON CUT ◑ FLUORESCENCE ☼ GAS

SIDEWALL CORES
○→
●→ REC.

CORES
CORE NO.

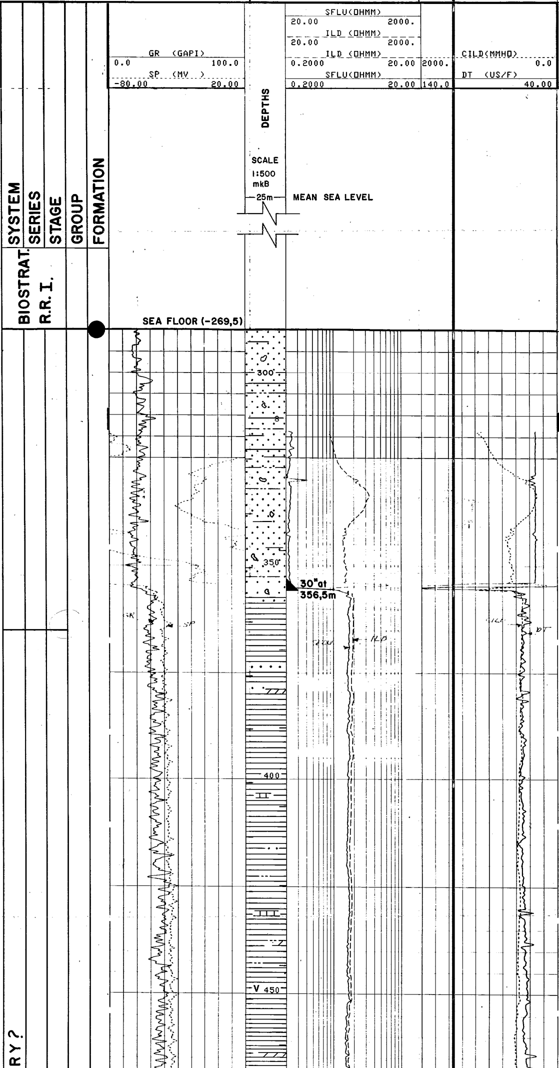
DST
①

F.I.T.
1

CASING ◢

SHOE/LINER

BIT ▶



TWO WAY TRAVEL TIME IN SECONDS.

TOPS FROM LOG- SEISM CORRELATION WHEN DIFFERENT FROM BIOSTRATIGRAPHIC TOPS.

SEA FLOOR 295m (-270)

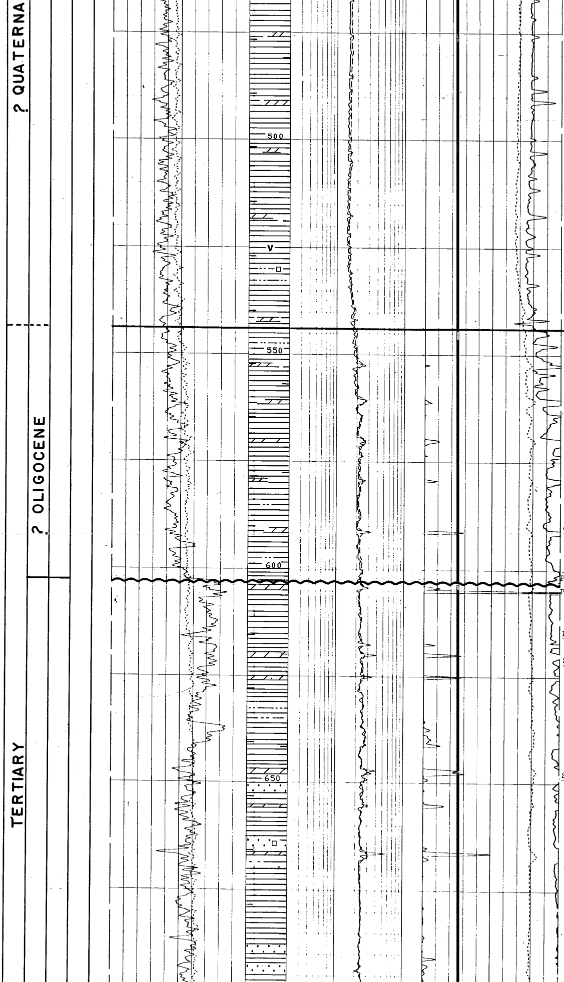
Sand: clr-wh, w cmt occ free grns, f-me w/gneiss and other rock fragm

Claystone: dk med gy-bl gy, frm, occ sft occ hd, blcky, occ tabular, subfiss, non calc,

Tr Dolomite: gy brn-lt brn, frm, occ v hd, occ drk specks, microxln

Tr Siltstone: lt gy-gy wh, friable, kao cmt, occ well cmt

Siltstone (Tuff?): yel-gy, frm-hd, occ sft cmt, occ blk specks, occ pyr incl.



(0.642s
QUATERNARY 544m
PLIOCENE (-519m)

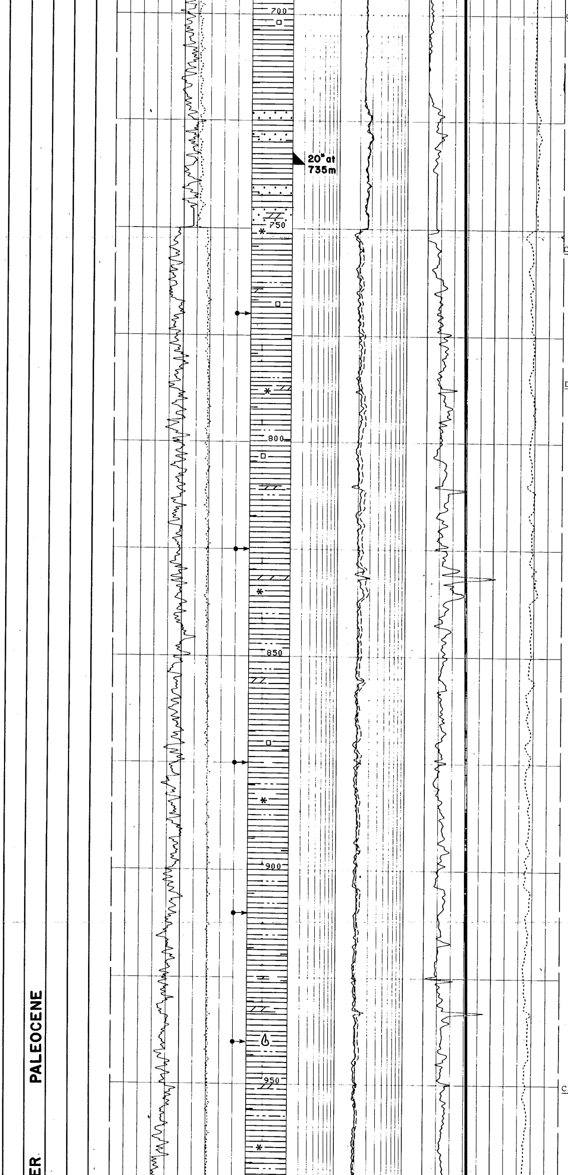
Claystone: med-med dk gy, slty, frm, occ sft, occ hd, blcky, occ tabular, **subfiss** non **calc**

PLIOCENE 603m (0.702s)
PALEOCENE (-578m)

Dolomite: med-dk gy, frm, occ v hd, micro xln

Siltstone: lt gy-gy wh, friable, kaol cmt, occ well cmt

Sand: f-crs, clr-mlky wh qtz, rnd, friabl pyr fragm, lt Slt fragm

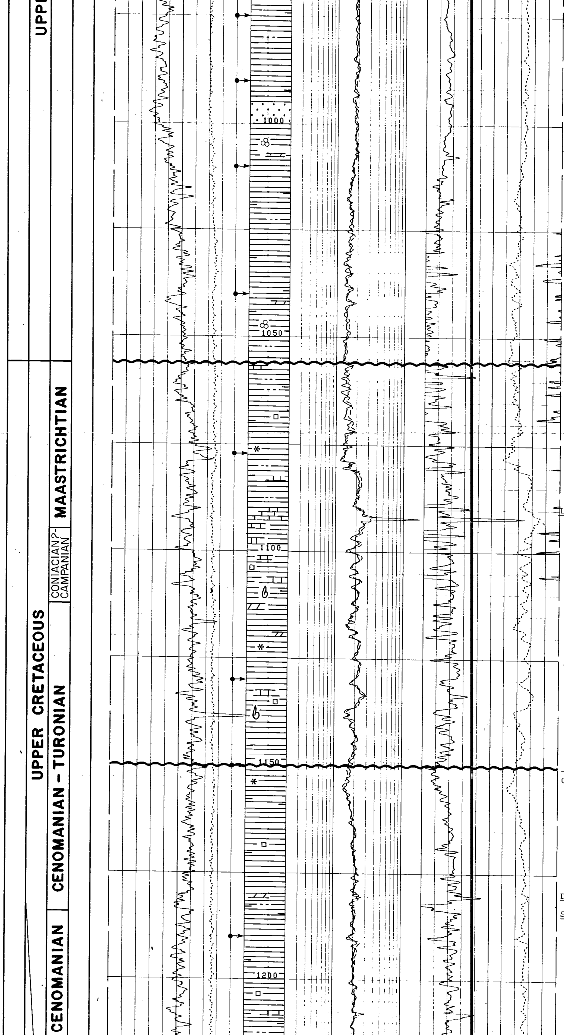


Clay: occ lt gy, occ dk gy, sft, brttle, stky when lt gy

Clay: occ med dk gy-sl pale brn, grding to Sltst, occ micromic, else a/a

Dolomite: yel brn-tan, occ dk-med gy, arg

Claystone: med-dk gy, slty, non calc, sl stky, micromic, frm, occ frm-hd. occ med-lt gy-med grnish gy, then sft-frm, non calc, blocky, slty



Sand: clr qtz, f-vf, rnd

Claystone: occ brn, v slty, sft-frm, non calc, else a/a

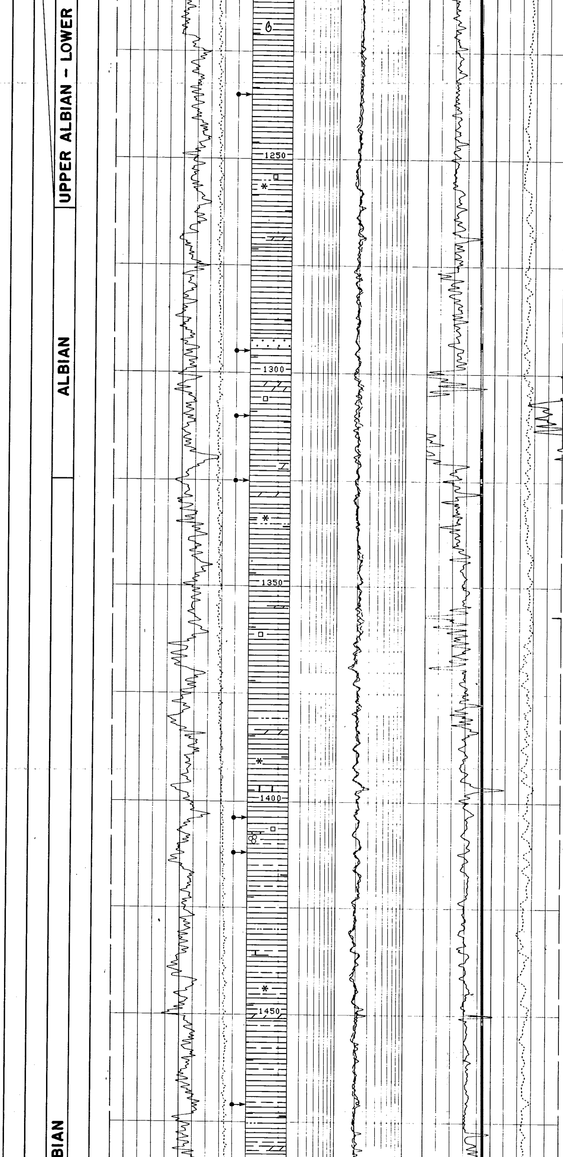
TERTIARY 1056m (1.108s)
CRETACEOUS (-1031m)

Limestone: clr, wh, buff-tan, prtly grnish wh, hd-v hd, occ prismatic shaped

Claystone: lt-med gy-grn gy, sft-frm, slty, micromic, non calc

1150m (1.187s)
CENOMANIAN (-1125m)

Dolomite: buff, hd-v hd, arg
Siltstone: lt gy-brn gy, hd, speckled, calc

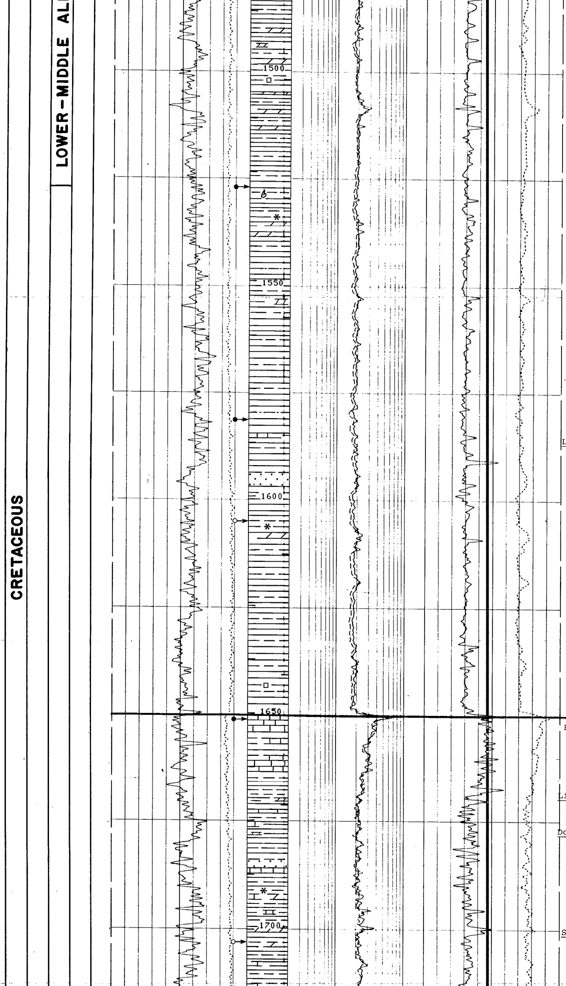


Siltstone: a/a, but occ sft-frm, glauc

Sand: clr qtz, subang-subrnd, vf-f, w srtd, lse grns

Claystone: lt-med gy, occ lt grn gy or lt brn gy, sft-frm, occ fiss, micromic, glauc, slty, non calc

Shale/Claystone: dk gy-grn gy, sft-frm, occ hd, subfiss-fiss, occ slty, non calc, tr dol



Limestone: clr-mlky wh, occ brn-brn gy, sft-hd, occ v arg

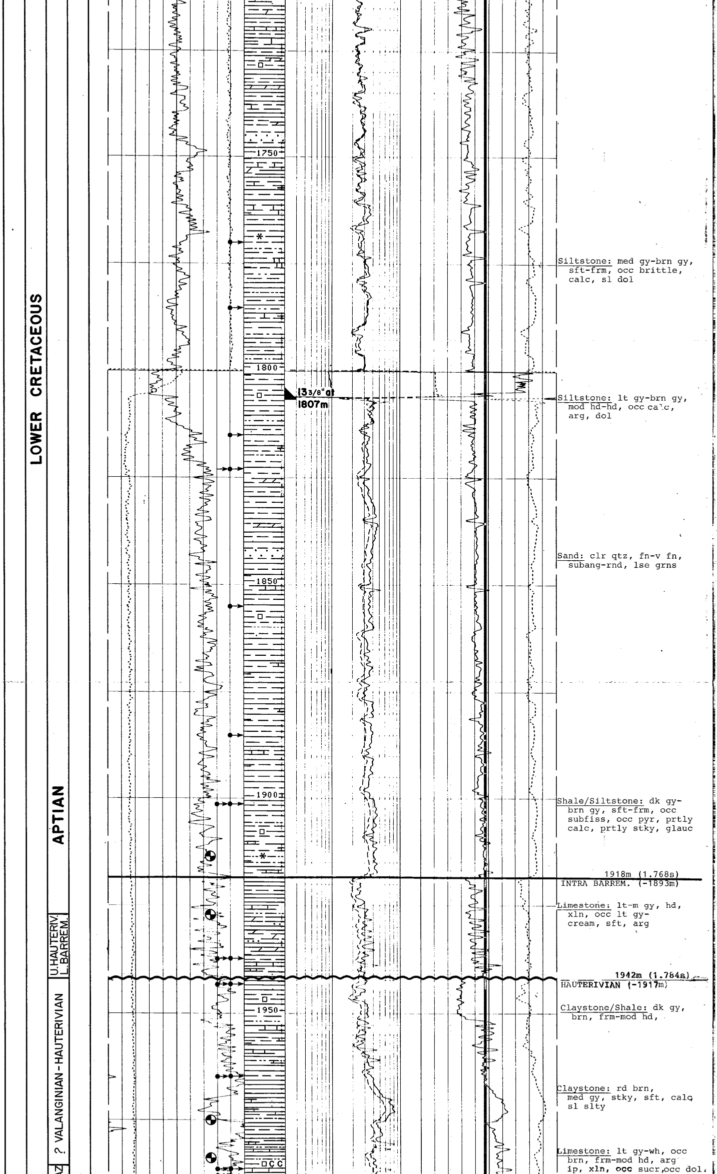
1650m (1.567s)

BARREMIAN (-1625m)

Limestone: clr-mlky wh, occ brn, sft-hd, occ sucrosic, occ xln

Dolomite: buff-dk brn gy, hd-v hd, occ slty, occ arg

Shale: med gy-dk gy-grn gy, sft-mod hd, subfiss-fiss, micromicac, sl calc, occ slty



Siltstone: med gy-brn gy, sft-frm, occ brittle, calc, sl dol

Siltstone: lt gy-brn gy, mod hd-hd, occ calc, arg, dol

Sand: clr qtz, fn-v fn, subang-rnd, lse grns

Shale/Siltstone: dk gy-brn gy, sft-frm, occ subfiss, occ pyr, prtly calc, prtly stky, glauc

1918m (1.768s)
INTRA BARREM. (-1893m)

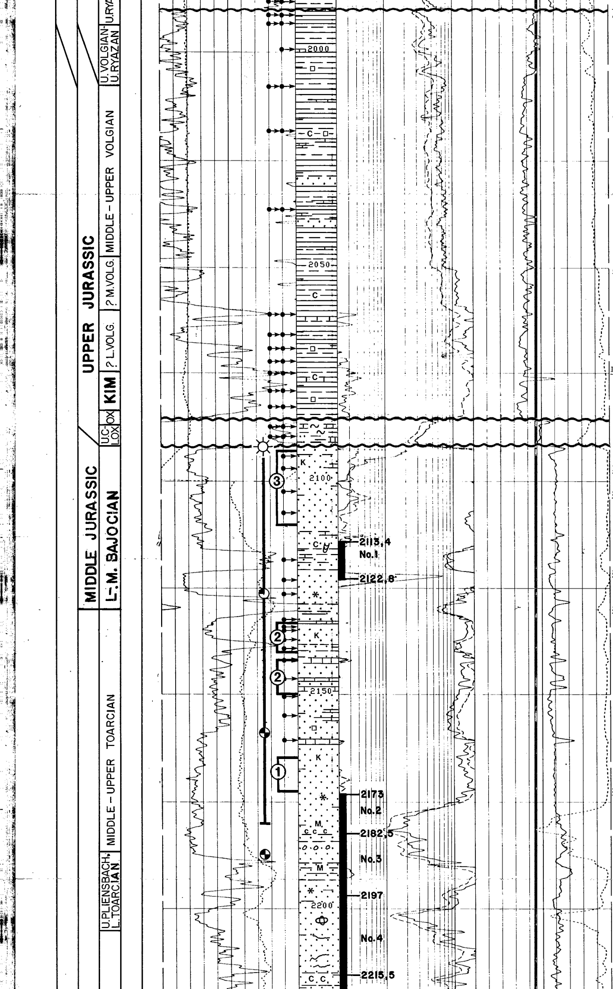
Limestone: lt-m gy, hd, xln, occ lt gy-cream, sft, arg

1942m (1.784s)
HAUTERIVIAN (-1917m)

Claystone/Shale: dk gy, brn, frm-mod hd,

Claystone: rd brn, med gy, stky, sft, calc sl slty

Limestone: lt gy-wh, occ brn, frm-mod hd, arg ip, xln, occ sucr,occ dol.



1990m (1.816s)
JURASSIC (-1965m)

Tr Coal/Lign: blk, med hd-hd, pyr

Sandstone: clr-transluc, qtz, vf-f, hd, calc cmtd, poor-fair vis por

Shale/Claystone: dk brn gy-dk gy, mod hd-hd, non calc, micromic, occ pyr, occ blky, subfiss-fiss, sl slty, occ carb

Limestone: (Marl) lt gy-off wh, occ brn, frm-sft, occ hd, arg, sl slty, occ xln

2086m (1.882s)
JURASSIC MARL (-2061m)

2092m (1.886s)
L-M JURASSIC SST (-2067m)

Kaolin: wh-lt gy, sft-frm, non calc. occ dk bands

Sandstone: lt gy-lt brn wh, vf-f, subang-subrnd, pyr i.p. poor-fair vis por

Sandstone: clr qtz, m-f, occ crs-v crs, subang-opp lse-fri, fair vis por

Sandstone: lt brn gy, clr qtz, f, occ m, subang-subrnd, friable mod srtd, sl arg, sl glauc, sl pyr, calc/dol cmtd, occ kaol cmt, sl slty-v slty, in prt grdng to Sltst, arg, poor vis por

Lst: lt gy-brn, wh-off wh, mod hd, sl slty, occ pyr, xln

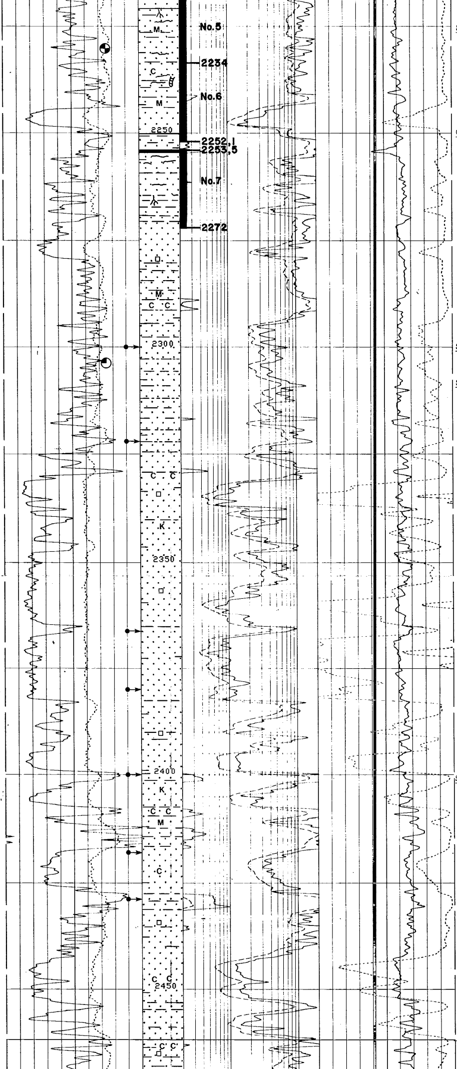
Shale: dk gy-brn gy, mod hd-hd, sl slty, non calc, carb, pyr micromicac

Sandstone: lt gy-lt brn gy, occ gy wh, m, occ f, occ crs grns, ang-subrnd, mod srtd, hd-v hd, predom silica cmtd, kaol cmt in part, non-sl calc, occ mic, occ pyr, occ glauc, sl arg, occ carb

JURASSIC

LOWER JURASSIC

HETTANGIAN - LOWER PLIENSBACHIAN



Sandstone: w sh lam ,else a/a

Coal: blk, hd, brittle

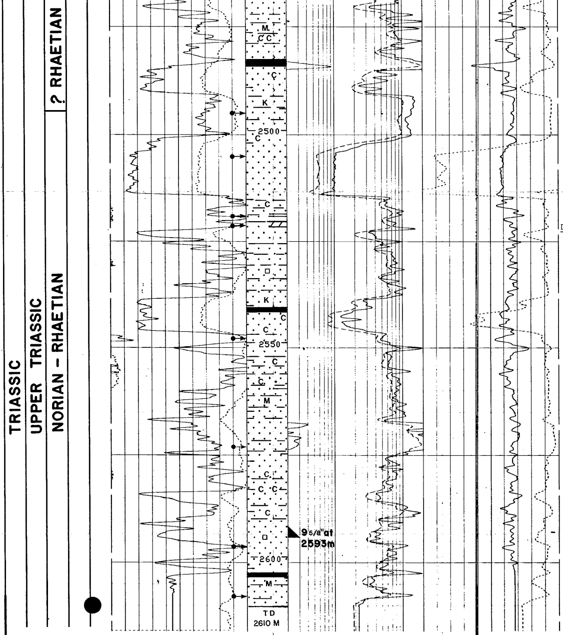
Shale: dk gy, m hd, non calc, carb-v carb, mic, occ v mic, ip sl slty

Siltstone: m brn-dk brn, occ speckled, mod hd-hd, non calc, si cmtd mic-v mic, carb, occ v carb, arg

Sandstone: clr qtz, med occ f, occ crs, subang-subrnd, occ ang, poor-fair srtd, hd, si and kao cmtd, non-sl calc

2462m (2.066s)

? TRIASSIC (-2437m)



Dolomite: yellowish brown, hard, brittle

Shale: med-brnsh gy, occ red brn, hd, occ frm, micromic, carb, occ slty, occ dolomitic

Coal: blk, brittle

Core depths are corrected by Core-Gammaray log (GECO) and Gammaray log (SCHLUMBERGER).

Three drill stem tests were carried out in the hydrocarbon bearing zone:

DST no 1: 2165-2172m

DST no 2: 2133-2138m, 2140-2150m

DST no 3: 2092-2110m

Density of res. fluid (at DP): 0,156 g/cm^3 (0,068 psi/ft)

Flow data are given in table 1,2 and 3 chaper VI, RFT and Test Summary, in the Completion Report.