SIMON PETROLEUM TECHNOLOGY

WELL: 7/12-6

Print: 2520G	Units: (M) F	Top	Bottom	Scale	TD
Length: 28 FT	Initials: TG	95	3710	1:500	3700

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY
SPT

COMPLETION LOG

282 3 G

COMPLETION – 4

BP PET. DEV. LTD, NORWAY U/A

CONOCO / PELICAN / STATOIL

NOCS 7/12-6

NOCS 7/12-6

22 SEPT. 1981
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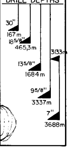
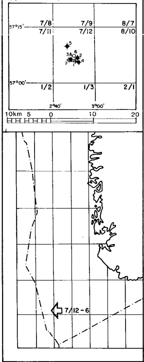
COMPOSITE LOG

LATITUDE: 57°07'16.85"N LONGITUDE: 02°50'4.14"E
U.T.M. GRID REFERENCE: 489977.47 E 6331048.09 N
R.T.E.: 24.2 m A.M.S.L. 93.5 m A.S.B. WATER DEPTH: 69.3 m
RIG: SEDCO 707 SPUDDED: 10/4-1981 COMPLETED DRILLING: 15/6-1981
TOTAL DEPTH: 3700 m B.R.T. 3675.8 m S.S. (Drillers depths)
WELL STATUS: PLUGGED AND ABANDONED OIL WELL

CASING
DRILL DEPTHS



LOCATION MAP
SCALE 1:500,000



LITHOLOGICAL

- Limestone
- Dolomite
- Misc Carbonate
- Dolomitic Limestone
- Calcareous Dolomite
- Clay, Mudstone, Shale (LT 70)
- Siltstone
- Sandstone, Sand
- Conglomerate, Gravel
- Siliceous Rock
- Coal, Lignite & other Carbonaceous Rock
- Anhydrite, Gypsum
- Halite
- Miscellaneous Chlorides and Sulphates
- Iron, Manganese, Phosphate and other Misc. Mins.
- Chert
- Extrusive Igneous
- Tuff
- Intrusive Igneous
- Metamorphic
- Cement (LT 110)
- No Samples

LITHOLOGICAL QUALIFIERS

- Clayey
- Sandy
- Silty
- Gravelly
- Calcareous
- Dolomitic
- G Significant Glauconite
- Significant Carb Frags
- Phosphatic, Ferruginous Manganiferrous
- ▲ Bituminous
- Tuffaceous

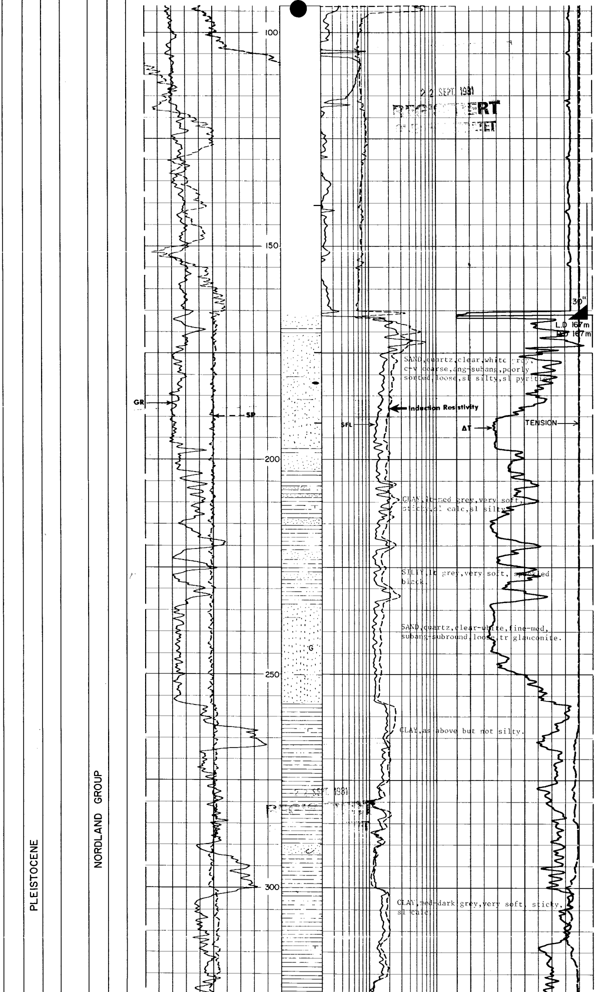
GRAIN TYPE FOSSILIFEROUS: SKELETA

- Benthonic Macrofossils
- Planktonic Macrofossils
- Benthonic Microfossils
- Planktonic Microfossils
- Plant remains

WELL SYMBOLS

- Water Flow
- Loss to Formation
- ↑ Gas Trace
- Gas Show
- ● Oil Show
- Gas & Condensate Show
- Oil and Gas Show
- ◇ Hydrocarbon Fluorescence
- Cored Interval
- Sidewall Core
- ◁ No Recovery
- > Formation Interval Test
- Drill Stem Test
- Perforated Interval
- Casing Shoe
- Liner Hanger

CHRONOSTRAT			DEPTH OF BOUNDARIES	LITHOSTRAT			LOG SCALES	LITHO LOG	CORES	SHOWS	TESTS	DESCRIPTION AND REMARKS	
SYSTEM	SERIES	STAGE		GROUP	FORMATION	MEMBER	SP – 10 MV +	1:500				RILD 20 2000	Δt
							GAMMA RAY API UNITS					0.2 20 RSFL	140 40
							0 100					20 2000 0.2 20	240 140



SAND,quartz,clear,white grey, c-v coarse,ang-subang,poorly sorted,loose,sl silty,sl pyritic.

CLAY,lt-med grey,very soft, sticky,sl calc,sl silty.

SILTY,lt grey,very soft, speckled black.

SAND,quartz,clear-white,fine-med, subang-subround,loose,tr glauconite.

CLAY,as above but not silty.

CLAY,med-dark grey,very soft, sticky, sl calc.

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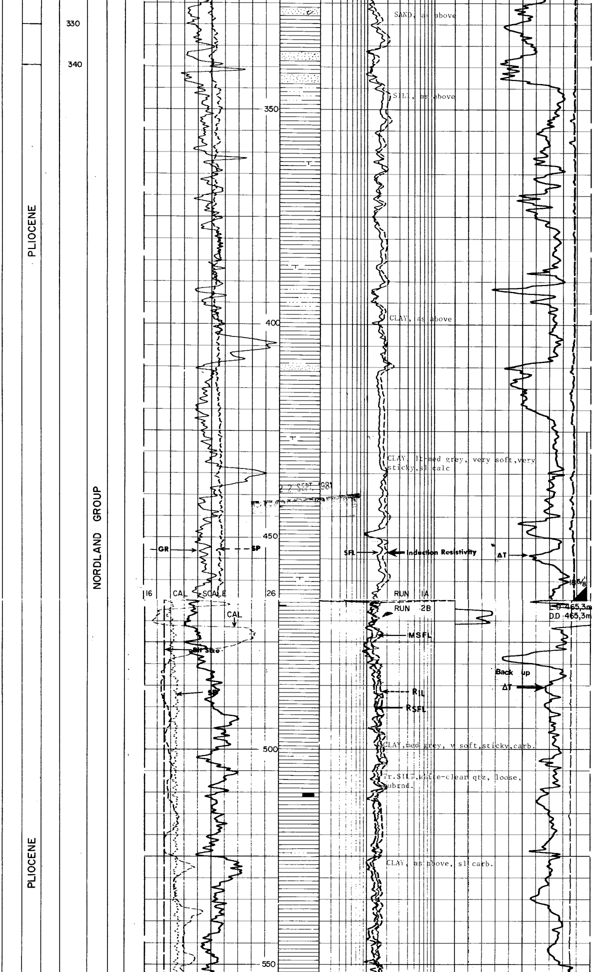


SAND, as above

SILT, as above

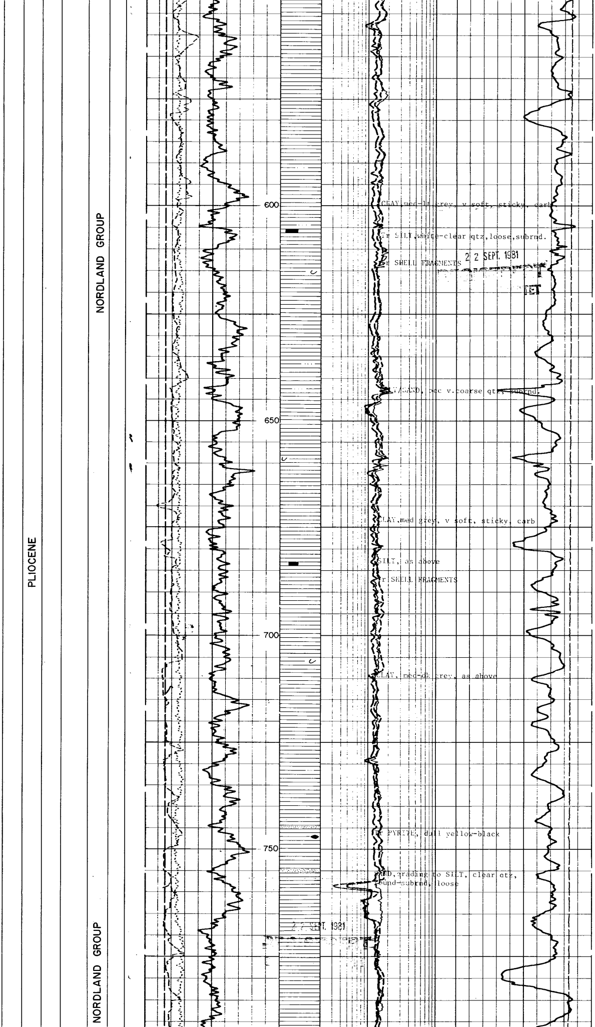
CLAY, as above

CLAY, lt-med grey, very soft, very sticky, sl calc

CLAY, med grey, v soft, sticky, carb.

Tr. SILT, white-clear qtz, loose, subrnd.

CLAY, as above, sl carb.



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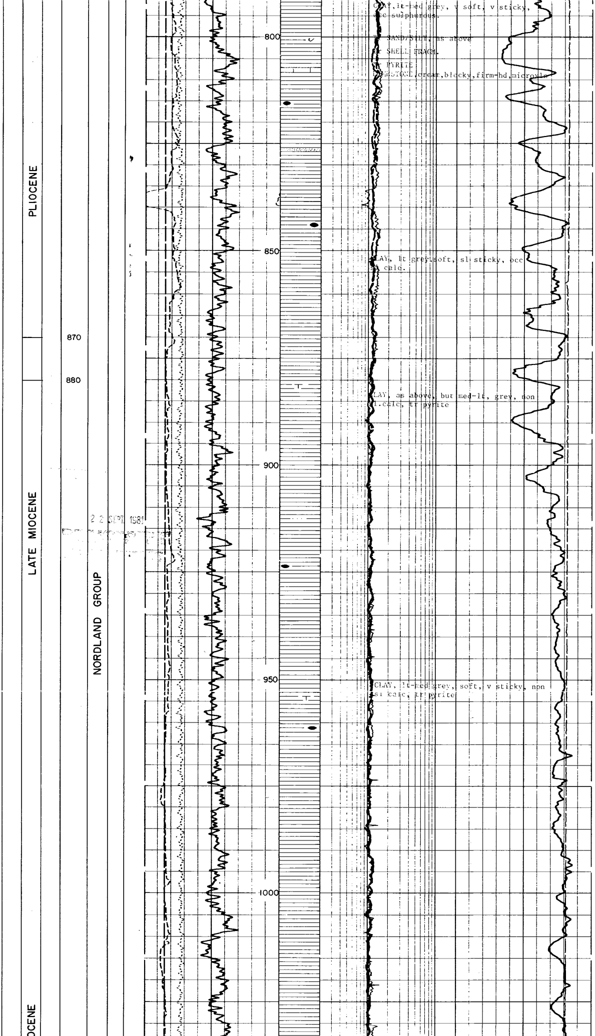

CLAY, lt-med grey, v soft, v sticky, occ sulphurous.

Tr SAND/SILT, as above

Tr SHELL FRAGM.

Tr PYRITE

LIMESTONE, cream, blocky, firm-hd, microxln

CLAY, lt grey, soft, sl sticky, occ sl calc.

CLAY, as above, but med-lt, grey, non sl.calc, tr pyrite

CLAY, lt-med grey, soft, v sticky, non sl calc, tr pyrite

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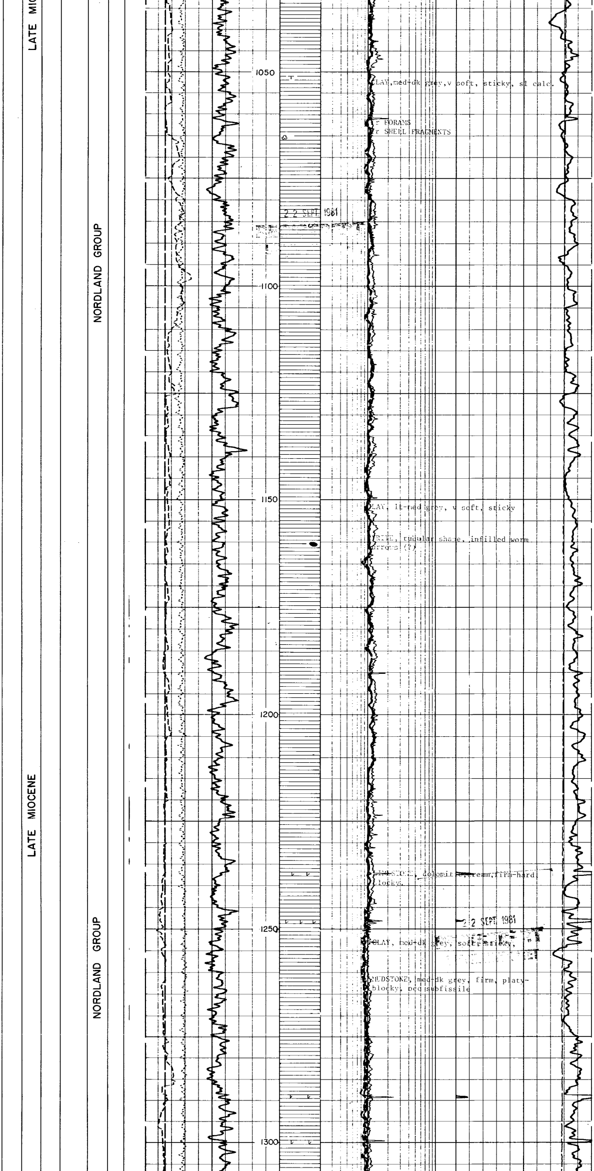


CLAY, med-dk grey, v soft, sticky, sl calc.

r FORAMS
r SHELL FRAGMENTS

2 2 SEPT 1981

CLAY, lt-med grey, v soft, sticky

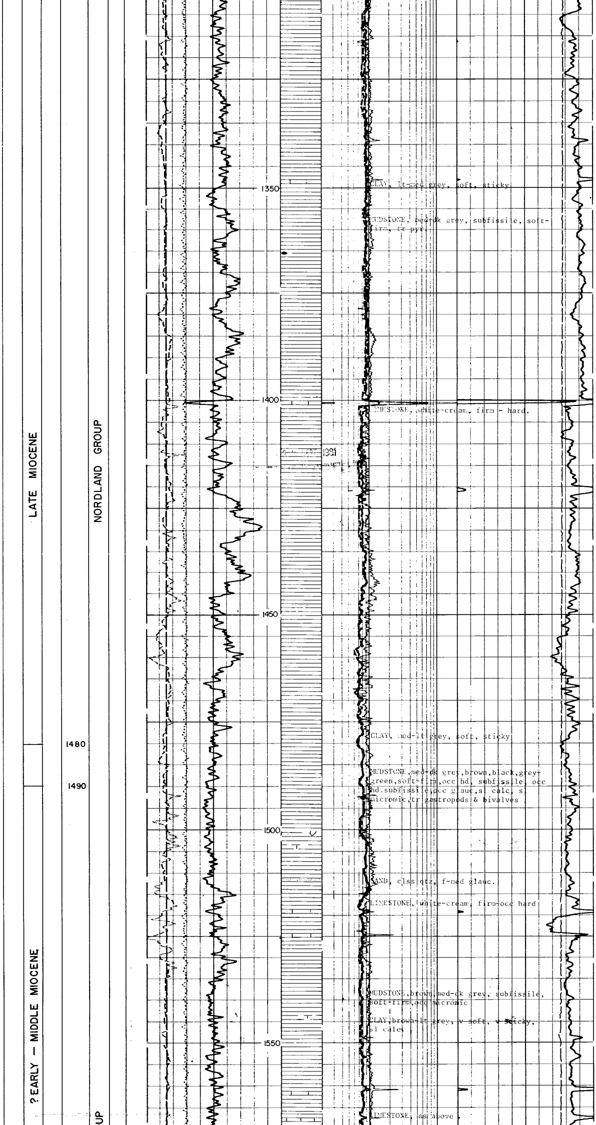
PYRITE, tubular shape, infilled worm burrows (?)

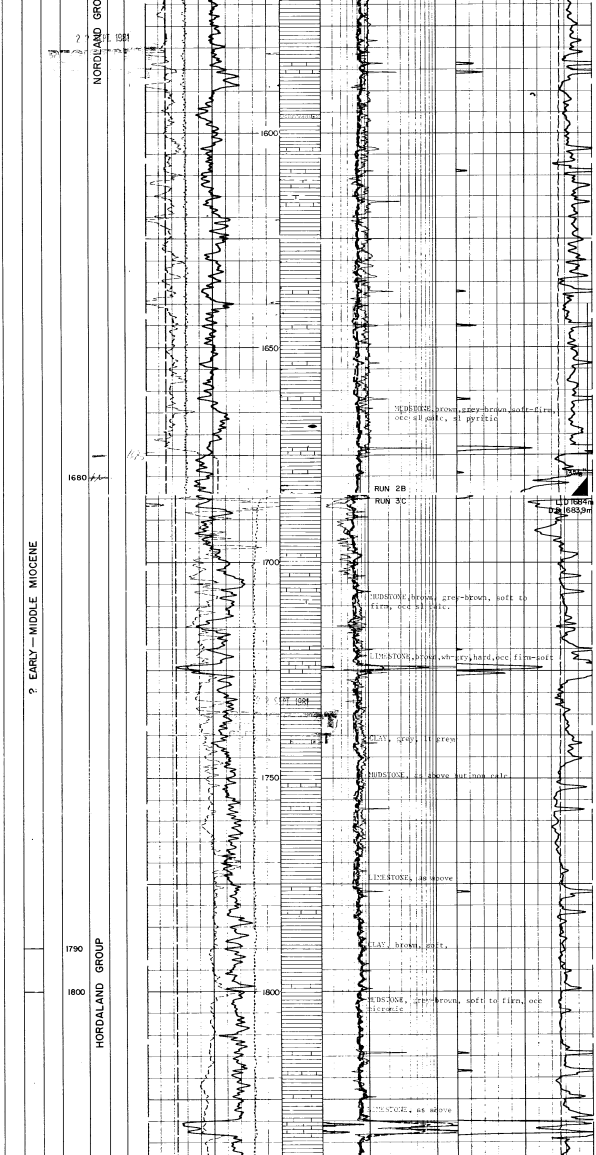
LIMESTONE, dolomitic, cream, firm-hard, blocky.

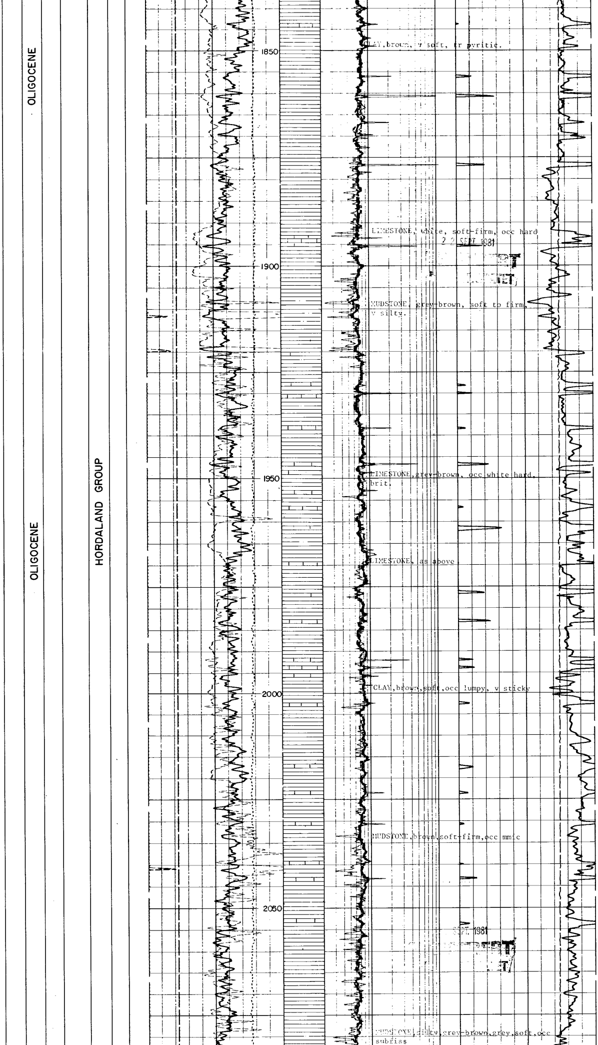
2 2 SEPT 1981

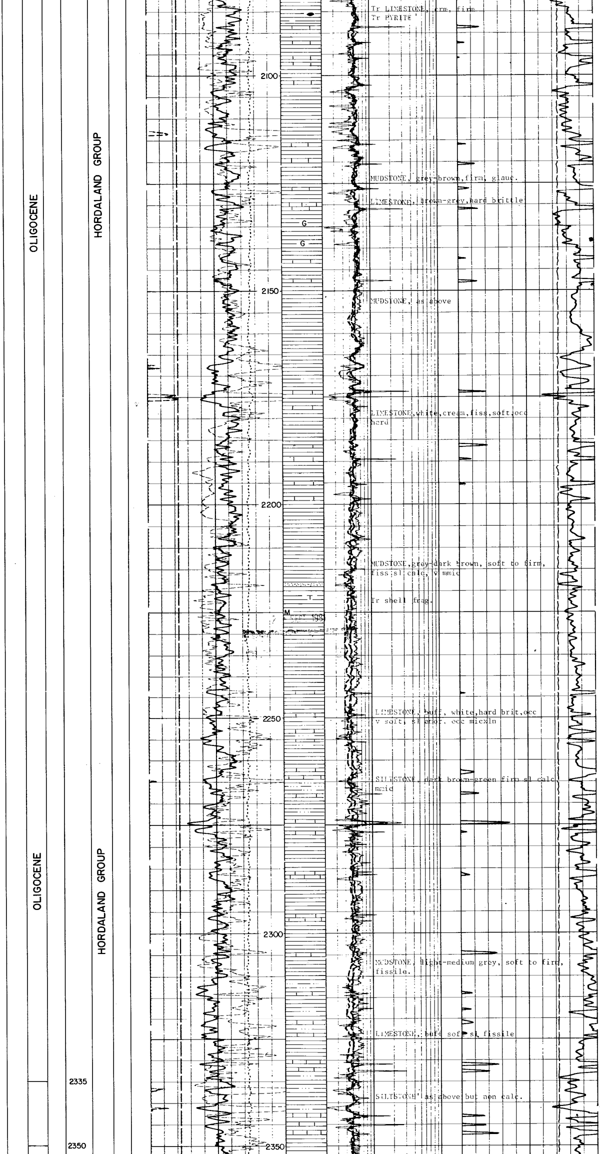
CLAY, med-dk grey, soft, sticky,

MUDSTONE, med-dk grey, firm, platy-blocky, occ subfissile









Tr LIMESTONE, crm, firm
Tr PYRITE

MUDSTONE, grey-brown, firm, glauc.

LIMESTONE, brown-grey, hard brittle

MUDSTONE, as above

LIMESTONE, white, cream, fiss, soft, occ hard

MUDSTONE, grey-dark brown, soft to firm, fiss sl calc, v mmic

Tr shell frag.

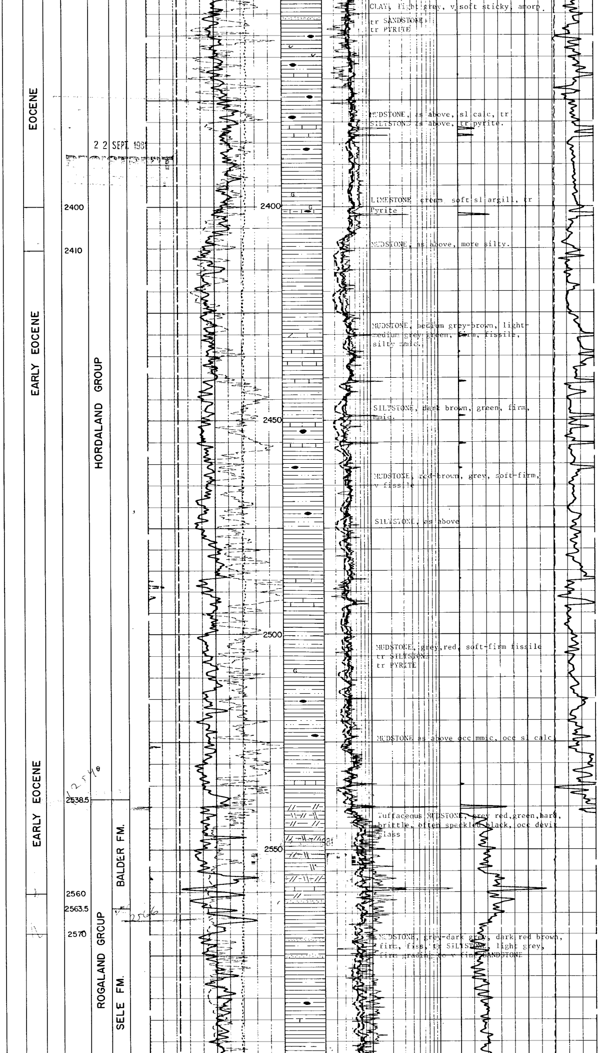
LIMESTONE, buff, white, hard brit, occ v soft, sl amor, occ micxln

SILTSTONE, dark brown-green firm sl calc, mmic

MUDSTONE, light-medium grey, soft to firm, fissile.

LIMESTONE, buff soft sl fissile

SILTSTONE as above but non calc.



CLAY, light grey, v soft sticky, amorp.

tr SANDSTONE
tr PYRITE

MUDSTONE, as above, sl calc, tr SILTSTONE as above, tr pyrite.

LIMESTONE cream soft sl argill, tr Pyrite

MUDSTONE, as above, more silty.

MUDSTONE, medium grey-brown, light-medium grey green, firm, fissile, silty mmic.

SILTSTONE, dark brown, green, firm, mmic.

MUDSTONE, red-brown, grey, soft-firm, v fissile

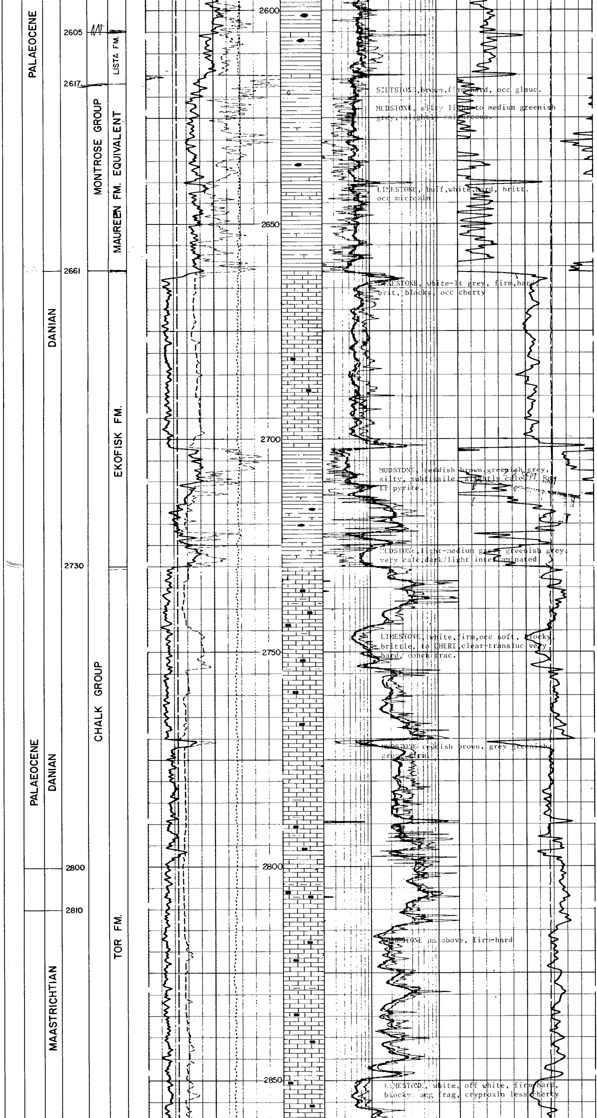
SILTSTONE, as above

MUDSTONE, grey, red, soft-firm fissile
tr SILTSTONE
tr PYRITE

MUDSTONE as above occ mmic, occ sl calc.

Tuffaceous MUDSTONE, grey red, green, hard, brittle, often speckled black, occ devit glass

MUDSTONE, grey-dark grey, dark red brown, firm, fiss, tr SILTSTONE, light grey, firm grading to v fine SANDSTONE



SILTSTONE,brown,firm-hard, occ glauc.

MUDSTONE, silty light to medium greenish grey, slightly calcareous.

LIMESTONE, buff,white,hard, britt. occ microxln

LIMESTONE, white-lt grey, firm,hard, brit, blocky, occ cherty

MUDSTONE, reddish brown,greenish grey, silty, subfissile, slightly calc tr pyrite.

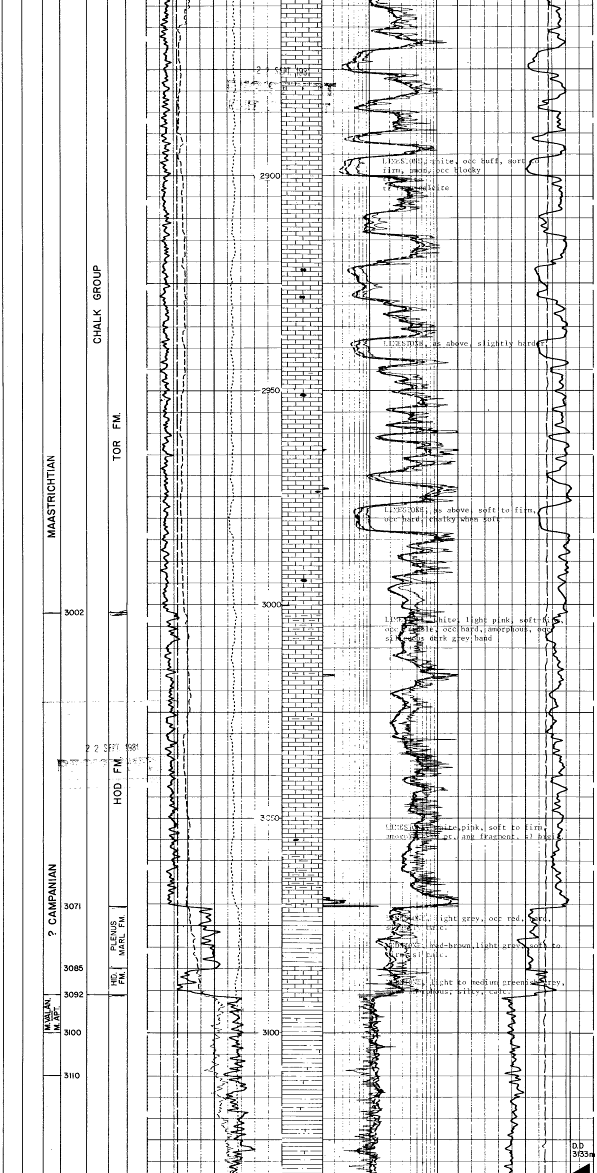
MUDSTONE,light-medium grey, greenish grey, very calc,dark/light interlaminated

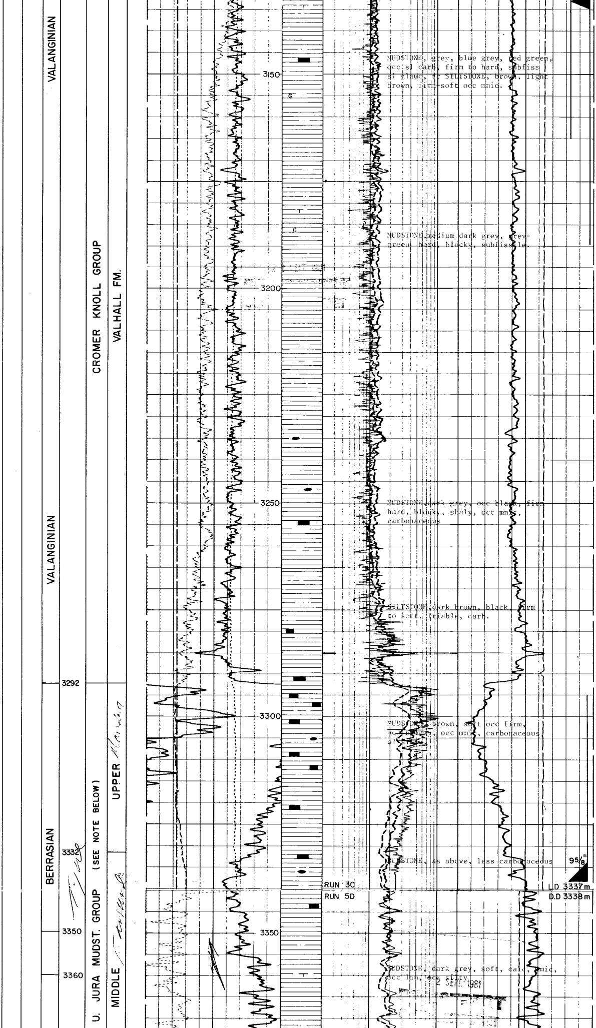
LIMESTONE, white,firm,occ soft, blocky, brittle, to CHERT,clear-transluc very hard, conch frac.

MUDSTONE reddish brown, grey greenish grey, firm.

LIMESTONE as above, firm-hard

LIMESTONE, white, off white, firm-hard, blocky, ang frag, cryproxln less cherty





MUDSTONE, grey, blue grey, red green, occ sl carb, firm to hard, subfiss sl glauc, tr SILTSTONE, brown, light brown, firm-soft occ mmic.

MUDSTONE, medium dark grey, grey-green, hard, blocky, subfissile.

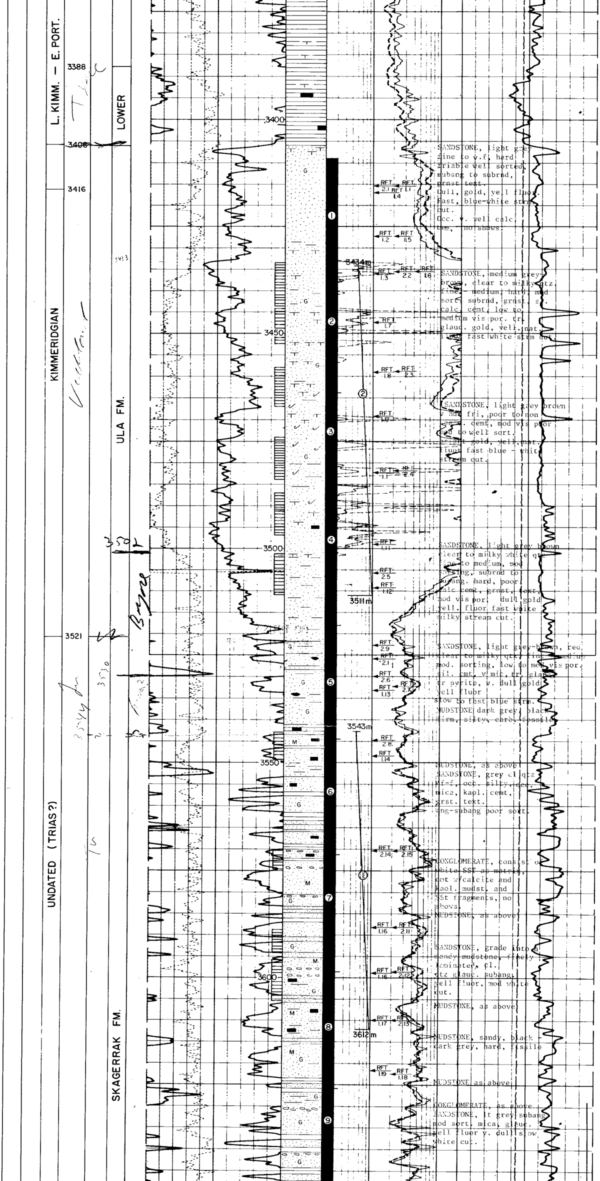
MUDSTONE, dark grey, occ black, firm hard, blocky, shaly, occ mmic, carbonaceous

SILTSTONE, dark brown, black, firm to soft, friable, carb.

MUDSTONE, brown, soft occ firm, [illegible], occ mmic, carbonaceous, [illegible]

MUDSTONE, as above, less carbonaceous

MUDSTONE, dark grey, soft, calc, mmic, occ lam, occ silty.



SANDSTONE, light grey fine to v.f, hard friable well sorted, subang to subrnd, grnst text.
Dull, gold, yell fluor.
Fast, blue-white strm cut.
Occ. v. well calc cem, no shows.

SANDSTONE, medium grey-brown, clear to milky qtz. fine - medium, hard, mod sort, subrnd, grnst, sl. calc. cemt, low to medium vis por. tr. glauc. gold, yell. nat. fluor fast white strm cut.

SANDSTONE, light grey brown v hd, fri, poor to non calc. cemt, mod vis poor mod to well sort. bright gold, yell. nat. fluor fast blue - white stream cut.

SANDSTONE, light grey brown clear to milky white qtz fine to medium, mod sorting, subrnd to subang. hard, poor calc cemt, grnst, text, mod vis por. dull gold yell. fluor fast white milky stream cut.

SANDSTONE, light grey-brown, red, clear to milky qtz, fine - medium mod. sorting, low to mod vis por. sil. cmt, v mic, tr. glauc. tr pyrite, v. dull gold yell fluor
slow to fast blue strm.
MUDSTONE dark grey, black firm, silty, carb. fissile

MUDSTONE, as above
SANDSTONE, grey cl qtz vf-f, occ. silty, occ. mica, kaol. cemt, grst. text. ang-subang poor sort.

CONGLOMERATE, consist of white SST as matrix, cmt w/calcite and kaol. mudst. and SSt fragments, no shows.
MUDSTONE, as above

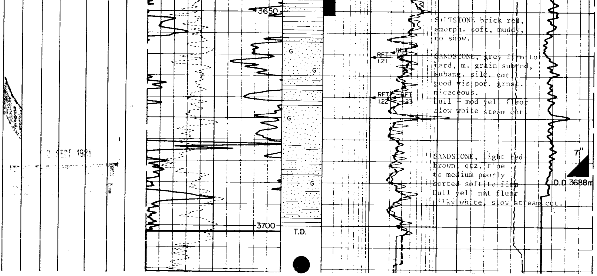
SANDSTONE, grade into a sandy mudstone, finely laminated, cl. qtz glauc. subang. yell fluor, mod white cut.

MUDSTONE, as above

MUDSTONE, sandy, black - dark grey, hard, fissile

MUDSTONE as above

CONGLOMERATE, as above
SANDSTONE, lt grey subang mod sort, mica, glauc. yell fluor v. dull slow white cut.



TEST RESULTS

DST 1 3543.0 - 3612.0m brt
Flowed 1003 STBD of 43° API oil
through 12/64" choke
GOR 243 SCF/STB

DST 2 3434.0 - 3511.0m brt
Flowed 7980 STBD of 36.6° API oil
throug 32/64" choke
GOR 374 SCF/STB

REPEAT FORMATION TESTS

NUMBER	DEPTH (mbrt)	PRESSURES (temperature corrected)
RFT 1.1	3415.5	7027 psig
1.2	3427.5	7038
1.3	3436.6	6944
1.4	3417.0	7030
1.5	3427.5	7039
1.6	3436.5	7046
1.7	3447.5	7055
1.8	3459.5	7070
1.9	3468.5	7078
1.10	3483.0	7094