**SIMON PETROLEUM TECHNOLOGY**

**WELL:** 33/9-1

| Print: 2257 GG | Units: M [✓ F] | Top | Bottom | Scale | TD |
|---|---|---|---|---|---|
| Length: 23 FT | Initials: APC | 1550 | 10100 | 1/500 | 10244 |

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY

**COMPLETION LOG**

STA
JRAT
007922 *28.OKT74
A

FORTROLIG
h.t. Bestemmelser i
fr. offentlighetslovens
nr.

REGISTRERT

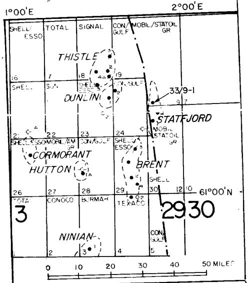
# MOBIL EXPLORATION NORWAY INC.

## 33/9 -1

## STATFJORD FIELD

## FINAL COMPOSITE LOG

| | |
|---|---|
| CO-ORDINATES | 61° 15' 07.54" NORTH<br>01° 50' 25.84" EAST |
| ELEVATION | KB+82 FEET SEA FLOOR – 478FEET |
| TOTAL DEPTH | 10,257 FEET |
| SPUD DATE | 2 APRIL 1974 |
| RIG RELEASE DATE | 5 JUNE 1974 |
| WELL STATUS | OIL DISCOVERY<br>PLUGGED AND ABANDONED |



### LITHOLOGY SYMBOLS

CONGLOMERATE
SANDSTONE
SILTSTONE
CLAY
M = MICACEOUS

SHALE
COAL LIGNITE PEAT
MARL
CHALK
G = GLAUCONITIC

LIMESTONE
DOLOMITE
ANHYDRITE
GYPSUM
P = PYRITE

SALT
METAMORPHIC
PYROCLASTIC
INTRUSIVE
FOSSILS

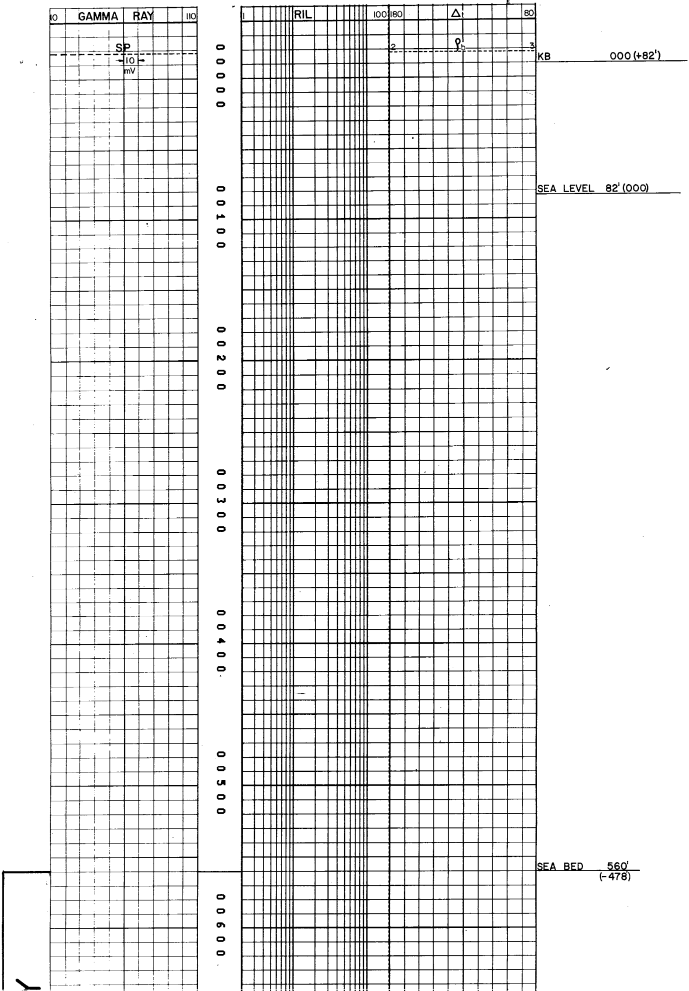
SIDE WALL CORES
REC.
REC. W/SHOW

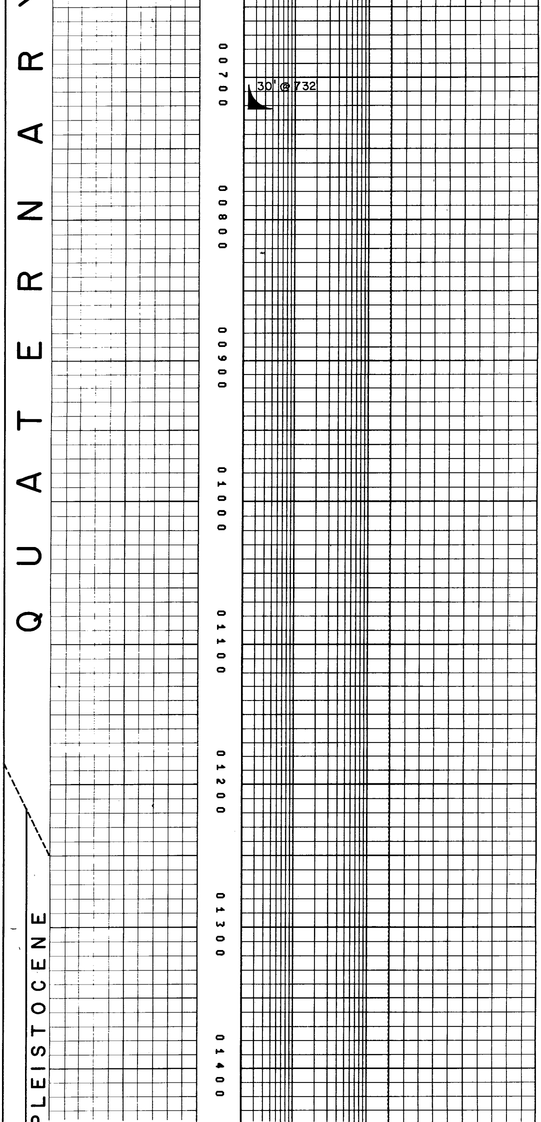
CORES
2560
No 1
2600

D.S.T.
2550
1
2600

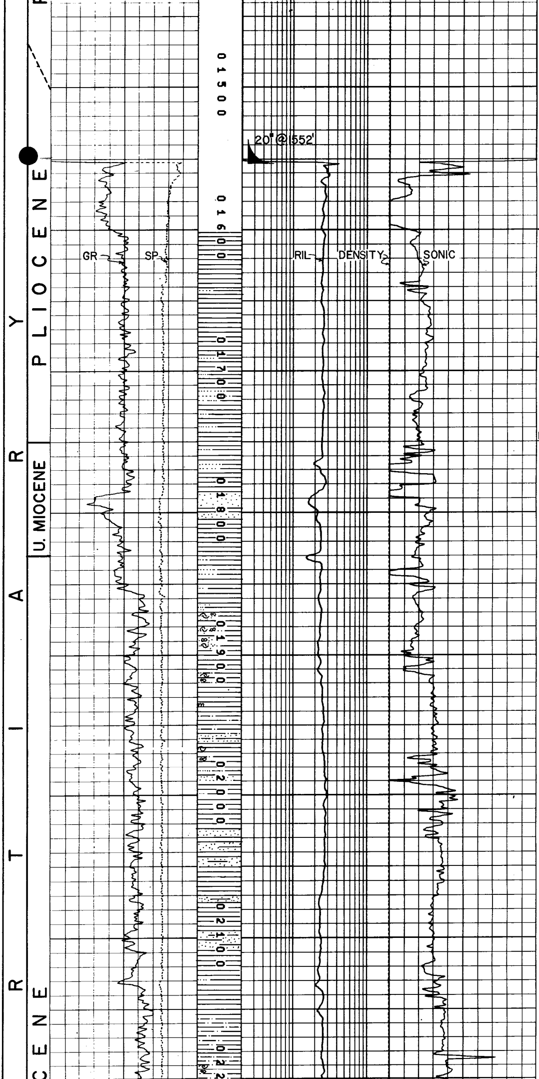
FIT
8820
1

CASING SHOE
20 AT 616'





No samples



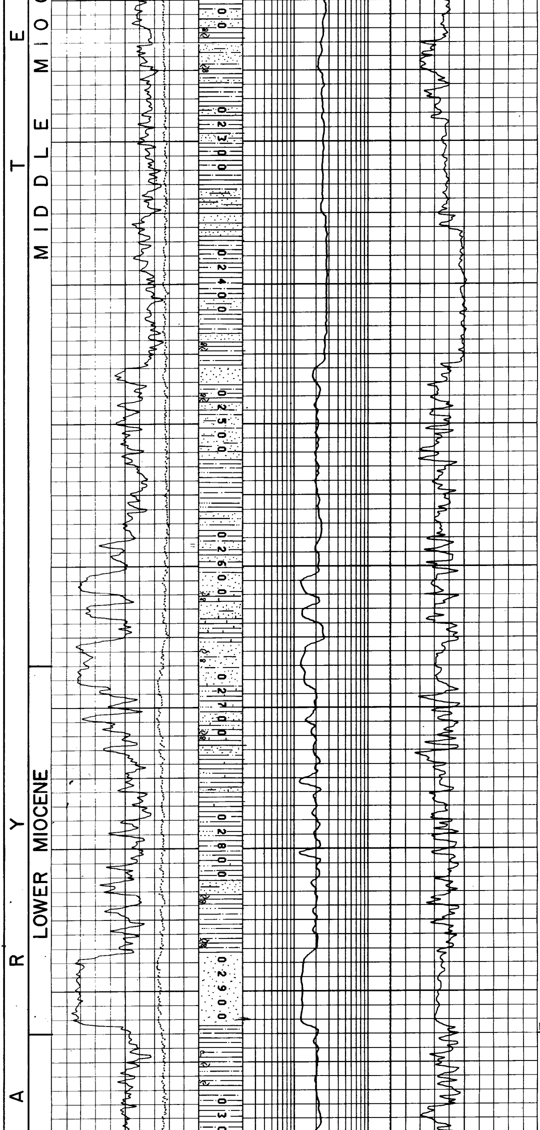
FIRST SAMPLE

Cly, dk gy, sft, stky, rr sdy-slty

Cly, dk gy, arg-slty, sft, i/b sd, vf-m ang, p srtd qtz & meta rk frags.

PLIOCENE 1750'
(-1668')

Cly, gy, arg-slty, occ. mica: i/b sd, m-f grnd, ang qtz and occ lithic frags: comm foss frags (micro and molluscs)



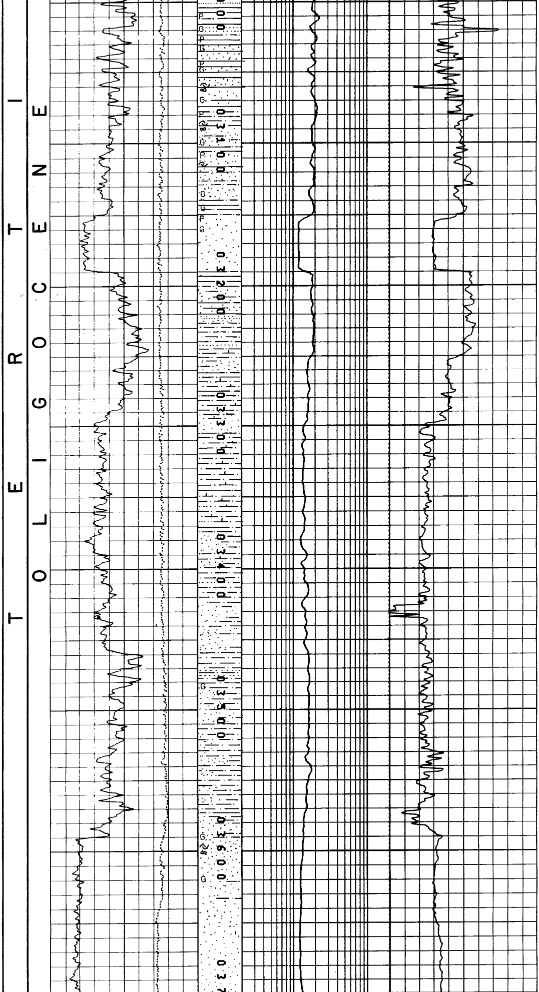
Cly, gy-dkgy, arg-sli slty, sft, stky, comm wh, sft, f, cly particles (feldspatic grains?): i/b sd, f-m gnd, a/a: tr Pyr, f xln clusters.

Cly, gy, dk gy, arg-slty, $\mathrm{oc_c}$ calcareous a/a: foss frags.

MIOCENE 2930'

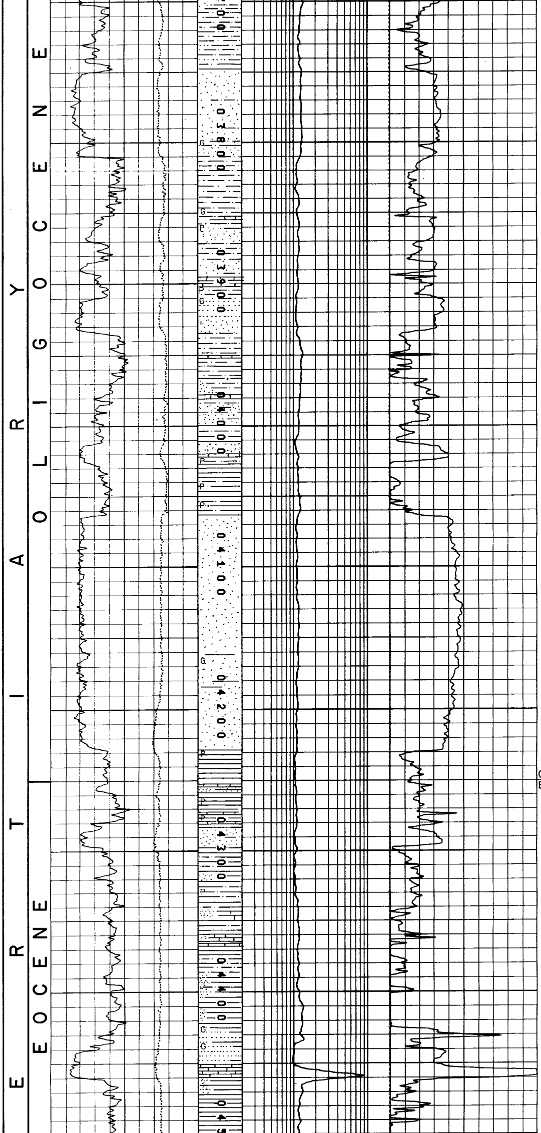
OLIGOCENE (-2848')

Cly, gy, slty, a/a: occ Clyst, dk gy: Sd, vf-slty, ang, sbrdd clr qtz, hvy mnr, abnt glauc, blk, f, rdd grns: com Pyr, f xln clusters: rr Ss, brnsh gy-gnsh gy, glauc, f grnd, lithic, hd, tt: rr Sltst, lt-dk gy-lt gn, glauc: tr Lignite: comm foss.



Siltst. gy-brnsh gy-gnsh gy, occ sdy and glauc, mod hd: sub fiss, tt: sd, f-vf, sb ang- ang, clr qtz, rr blk glauc grns.

Sd, clr, vf-f grnd, sb ang-ang., mod srtd., tr. foss. occ. blk glauc.

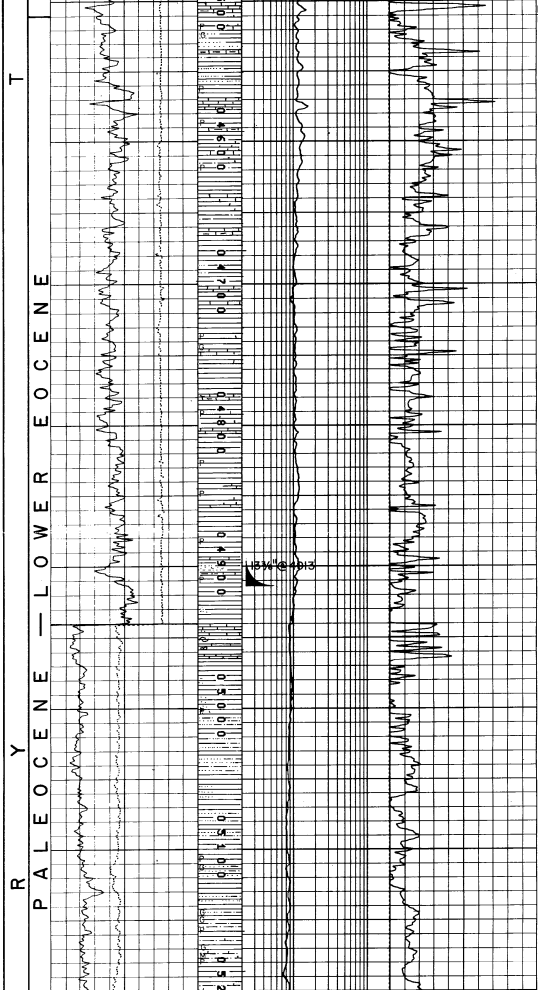


Siltst and Sd a/a: tr Calcilut, lt brnsh gy-buff, wh, hd, dns: comm Pyr, vf xln clusters .

Sd., clr. f. grnd., ang., blk glauc.

OLIGOCENE 4250'
EOCENE (-4168')

Clyst, blsh gnsh gy, mod slty, mod hd, sb.fiss: Calcilut, tan-buff, v hd, dns, Ss, qrztc, wh-lt gy f grnd, non-calc, glauc, v hd, tt.

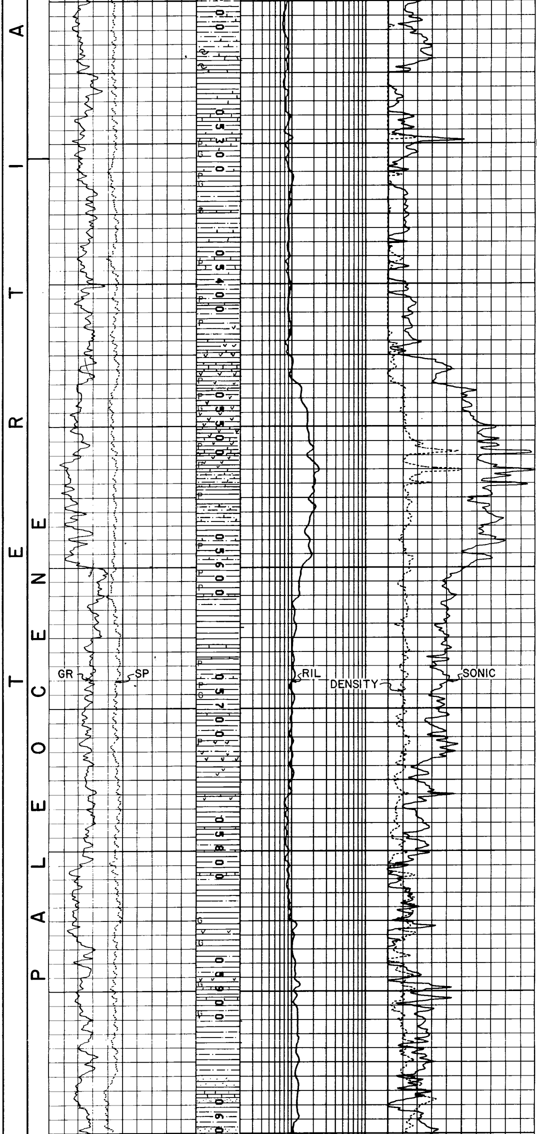


EOCENE 4510'

L.EOCENE/ (-4428')
PALEOCENE

Clyst a/a: Calcilut, wh-ltgy, pyr hd, dns: tr Sd & Ss a/a.

Clyst, blsh gy-gnsh gy, arg-slty becmg calc down section, pyr & glauc, firm, sb fiss i/b Ss, brn-brnsh gy, vf grnd-slty, qtzic, sli calc, glauc, arg cmt, md hd, tt: Sltst, arg-sli calc, glauc & mica, mod hd: rr foss.



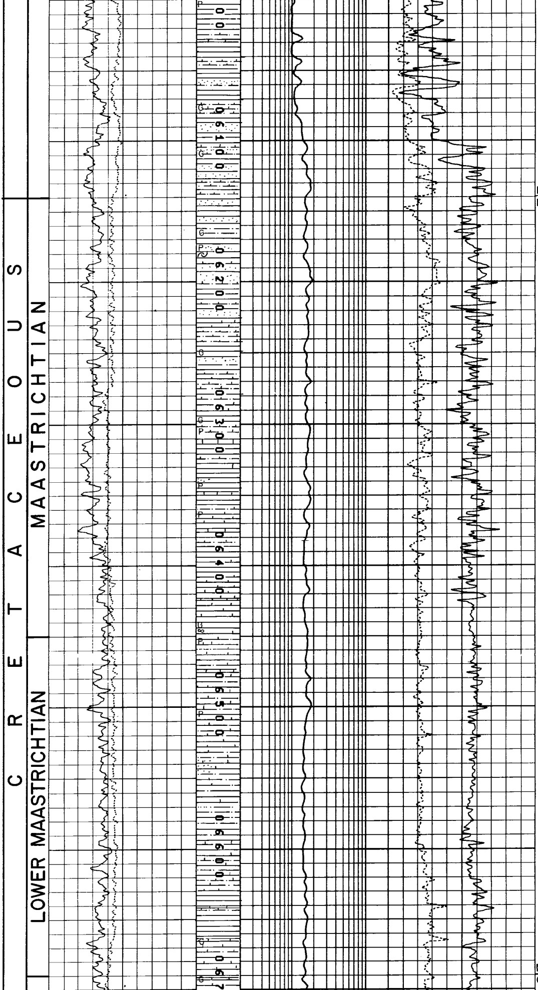
L. EOCENE/
PALEOCENE 5310'
PALEOCENE (-5228')

1618

Clyst, lt gy, blsh-brnsh gy arg, pyr. firm, sb fiss, britt.

Clyst, wh, tuffaceous: Sltst, gy-dkgy, sli sdy, v calc. firm, britt: tr Calcilut, buff-wh, hd, dns.

Clyst, gy, dk gy, arg-mod slty, firm, sb fiss, britt: Clyst, gnsh gy, glauc: rr Clyst, lt brn-buff, hd, dns: tr pyr & foss frags.



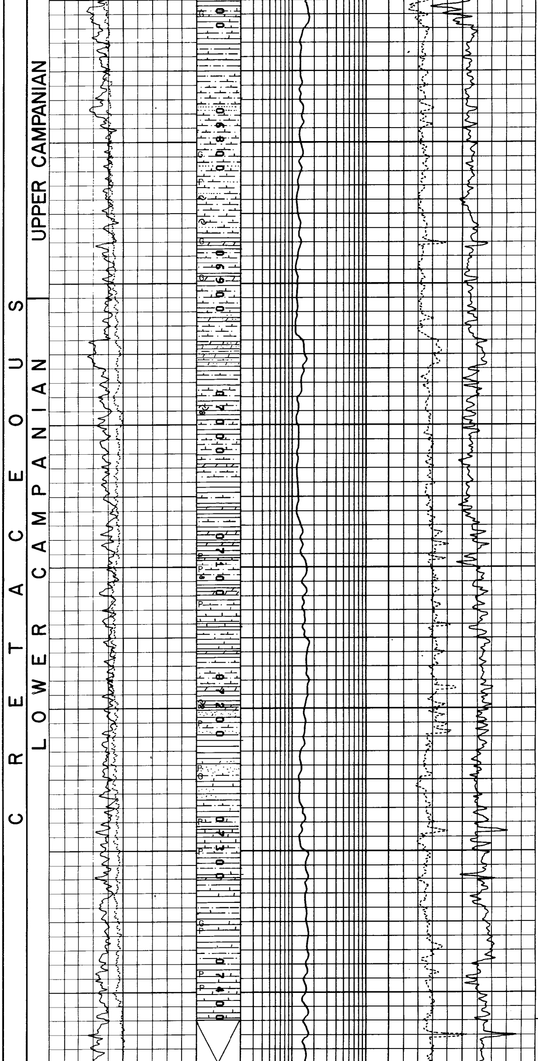
PALEOCENE 6140'
MAASTRICHTIAN (-6058')

Clyst blsh gy a/a: sltst - slty clyst, gy, sli sdy, glauc: Clyst, gy-dk gy, slty, calc, firm, blky-sb fiss: Sd, c-vf sb rdd-sb ang, qtz pyr.

Clyst brnsh gy-gy, slty, calcareous, occ. glauc firm, blky, grdg to sltst, lt-m gy, arg, sli sdy, v calc, firm, blky:

tr Calcilut & Ss: tr pyr & foss frags.

MAASTRICHTIAN 6690
CAMPANIAN (-6608')

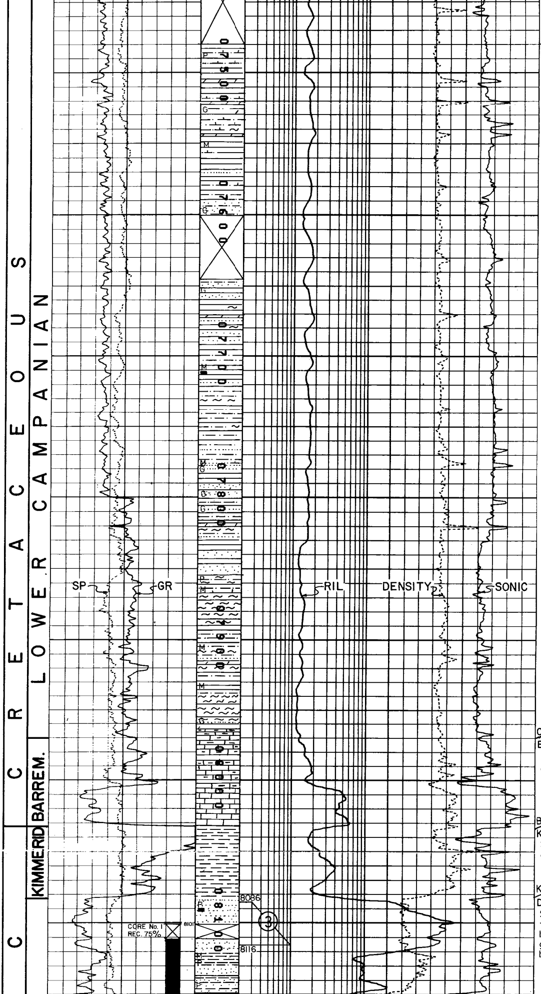


Sltst, gy, brnsh, gnsh gy, calc, glauc, pyr , sft-firm, blky-sb fiss: tr S d.

Sltst a/a: comm Dol, buff-tan, crpxln, v hd, dns; rr Mdst, gy, maroon red, glauc, non-calc, blky & tr Cly, red, arg-mod calc, firm, flky: comm pyr clusters & crinoid(?) frags.

Clyst, gnsh gy, arg, glauc, firm, sb fiss: Sltst, gy-lt gy, calc, sft, blky: tr Dol, a/a: com pyr & rr foss frags.

Clyst, gy, gnsh gy, arg-sli slty, comm pyric, firm sb fiss-blky: Clyst, lt gy, calc-slty, sft, blky: tr Dol, tan, buff, brnsh, crpxln, hd, dns: tr Sltst, clayey calc, sft.



No spls, lost circulation

Mudst - Clyst, lt gy-gy, occ lt gn, loc. mic: i/b Sltst - vf grnd Ss, lt gy-lt brn, calc, glauc, occ brite yel fluor, v slow blsh wh strm-cldy cut, fr-p por: tr lt gy Mrl & brn Dol.

No spls, lost circulation

Clyst, gy-gnsh gy, firm, loc abnt glauc, sft stky - firm & Mudst, gy, firm, loc mica & carb mtl : i/b Ss a/a: tr Dol, brn hd: tr Mrl, lt gy, sft.

Marl, lt gy-red, sft i/b w/ Clyst, gy, sft & Mudst, gy, firm, mica & carb: tr Dol, a/a; tr ltst, gy: common forams & pyr.

CAMPANIAN 7970'
BARREMIAN (-7888')

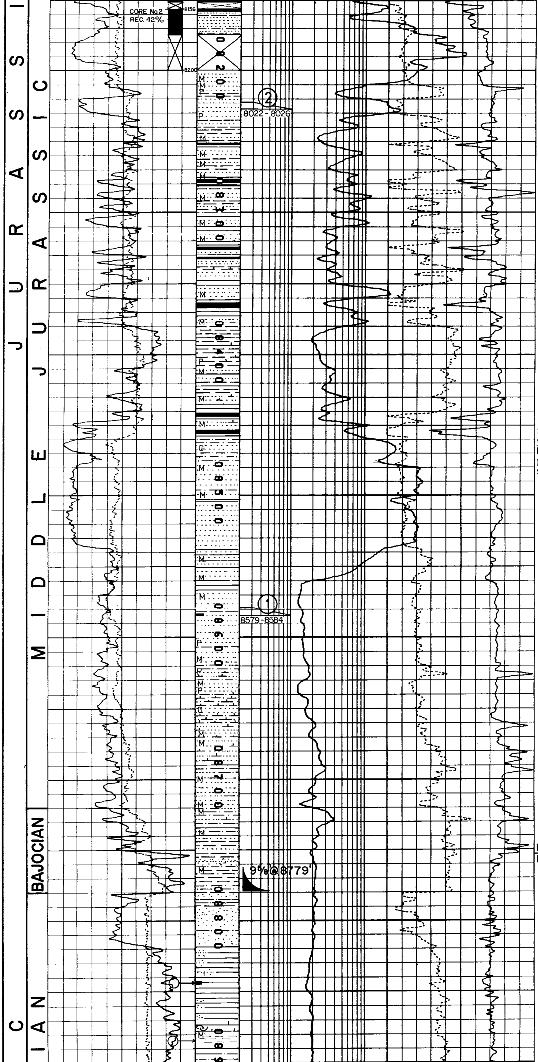
Clyst, non-calc variegated-red, gn, wh-, firm, blky: calcilute, tan-gy, sft. firm, arg.

BARREMIAN 8033'
KIMMERIDGIAN (-7951')

Sh, blk, firm, splintery, wood frags & glauc pellets.

KIMMERIDGIAN 8083'
DOGGER SAND (-8001')

Ss, lt brn, m grnd, sbang-rdd, mod srtg, fri, mica, g por, oil stn, brite yel-blsh wh fluor, wh fast strmg cut i/b Sh, dk gy, gy, firm, v mica & Mudst & Coal, blk, brtl.



Ss, brnsh gy, f-m grnd, sbang, occ c grnd sbang-sbrdd, fri, occ arg, comm mica, g por, lt brn oil stn, bri yel fluor, blsh wh flash-strmg cut: comm Coal, blk, britt: Clyst, crm-gy, sft-firm: Sh, gy, dk brn, firm carb.

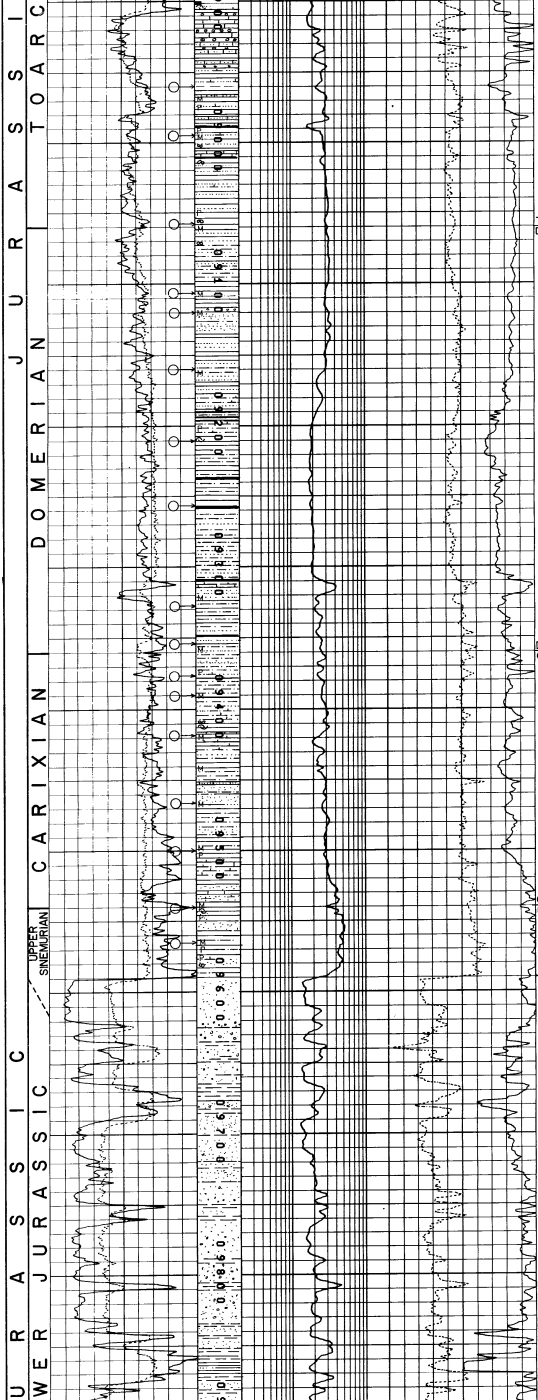
Ss, gy, m-c grnd, mod srtd, fri, com pyr yel fluor, v slow blsh-wh strmg cut i/b Ss, brn, v f grnd, sbang, v mica, carb, p-g por, yel fluor, fast strmg cut: Clyst, gy, sft.

Ss, a/a, abnt pyr, dk yel fluor, no cut: Ss, wh, vf-m grnd, sbrdd, mod srtg, calc cmtd, p por, v dk yel fluor, tr- no cut: Mudst-sdy sltst, gn, sft-firm.

DOGGER SAND 8753' (LOG CORRELATION)
LIAS SHALE (-8671')

Sd, gy, v c grnd, sbrdd, dk yel fluor no cut: Sh, gy, splnty, mica.

Clyst, dk gy, occ sdy-slty, rr calc, mica, firm-sft, sb fiss: tr sd, m-c grnd qtz, sbrdd: tr Lignite: rr foss frags.



Calcilut, wh - ltgy, grdg to sdy Ls: abnt Oolites, rusty brn, flattened(siderite) chamosite: spl fluor, no cut: tr pyr: tr Ss:

Clyst, gy-dkgy, slty, non calc, mica, firm, blky, sb fiss: Ss, wh-ltgy, qrztc, slty vf-f grnd, ang, p srtd, mica, fr - p por, spl fluor, no cut: Sltst, ltgy, gy, sdy, arg, firm - sft, blky; tr Lign: tr Calcilut a/a: foss frags: rr Oolites a/a.

TOARCIAN 9060'
DOMERIAN (-8978')

Clyst, dkgy, sdy-slty occ mica, bcmg calc downward, firm, sb fiss: Sltst, ltgy, brnsh gy, arg-calc, sft-firm, blky-sb fiss: Sd, qtz, vf-m, occ c grnd, sbang-sbrdd, p srtd: comm Lig: tr Calcilut, wh-crm: tr pyr: abnt foss: tr Ss, wh-ltgy, qtzic, f grnd, rr glauc & pyr, calc cmtd, fri, fr por.

DOMERIAN 9360'
CARIXIAN (-9278')

Sandstone, clr-mlky, f-cor gr., sb ang-sb rnd with i/b's of Sltst, lt gy, sdy, mica and Clyst, dk gy, ang, sdy, slty, v. mica, pyr.

CARIXIAN 9540'
U. SINEMURIAN (-9458')

LIAS SHALE 9590'
LIAS SAND (-9508')

Sd, m-c grnd, occ pbly granule size, sbang-ang, p srtd, clr qtz grns: i/b Sh, gy-dk gy, occ brn gy, tan, red brn sm slty, firm fiss: tr Clyst a/a.

Sd, f-m-c grd a/a: i/b Clyst, lt gy-gy sft-firm, blky-chunky: comm Clyst, variegated, sdy-slty, glauc, firm, blky: tr Ls, wh-tan, crpxln-chky(?), mod hd, britt, tt, dns.