SIMON PETROLEUM TECHNOLOGY

WELL: 7/12-3

Print: 792 E.	Units: [✓ M] F	Top	Bottom	Scale	TD
Length: 26 FT	Initials:	90	3710	1:500	3710

DIGITAL WIRELINE LOGS PACKAGE
1994
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SIMON PETROLEUM TECHNOLOGY

COMPLETION LOG

BP PET. DEV. OF NORWAY A.S.

CONOCO / PELICAN / STATOIL

NOCS 7/12-3

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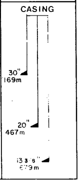
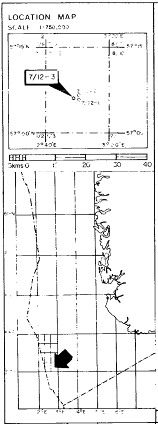
COMPOSITE LOG

LATITUDE : 57° 06' 24·541" N LONGITUDE : 2° 48' 41·558" E
U.T.M. GRID REFERENCE 488 583·96 E 63 29 434·17 N
R.T.E. 24 m A.M.S.L. 95 m A.S.B. WATER DEPTH 71 m
RIG NORSKALD SPUDDED 5th April 1977 COMPLETED DRILLING 3rd June 1977
TOTAL DEPTH 3710 m B.R.T. 3686 m S.S.
WELL STATUS Plugged back

CASING



LOCATION MAP
SCALE 1:750,000



LITHOLOGICAL

- Limestone
- Dolomite
- Marl
- Dolomitic Limestone
- Calcareous Dolomite
- Clay, Mudstone, Shale
- 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
- No Samples

LITHOLOGICAL QUALIFIERS

- Clayey
- Sandy
- Silty
- Gravelly
- Calcareous
- Dolomitic
- G Significant Glauconite
- Significant Coal Frags
- Phosphatic, Ferruginous Manganiferous
- Bituminous
- Tuffaceous

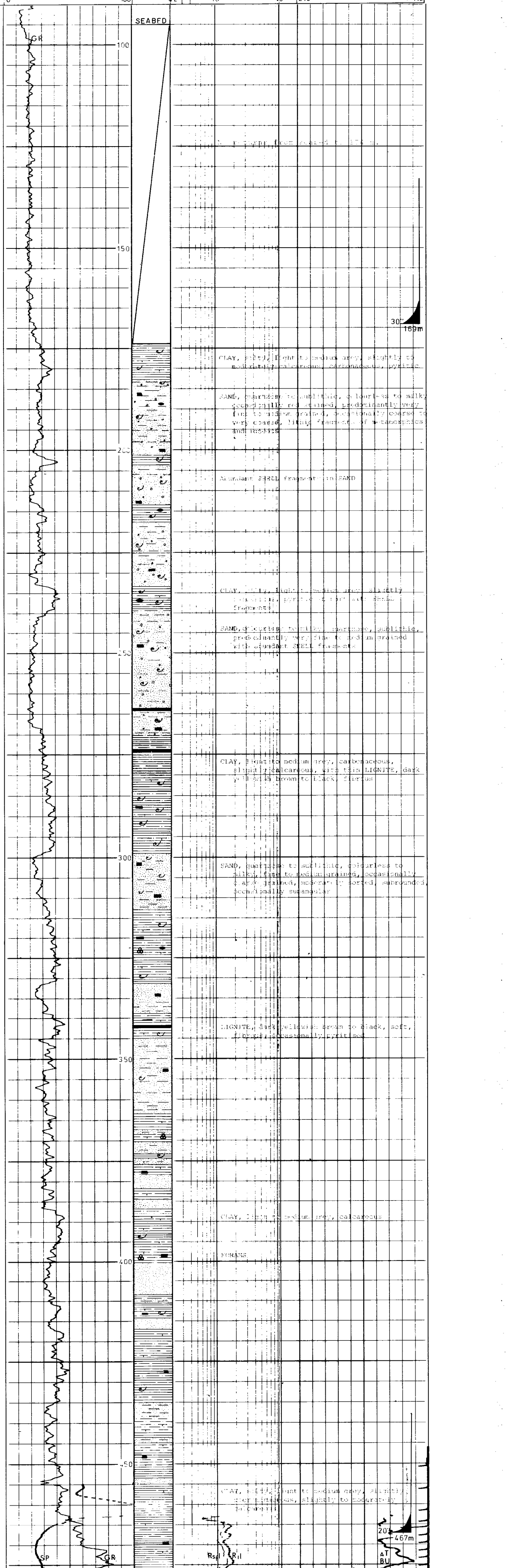
GRAIN TYPE FOSSILIFEROUS: SKELETAL

- 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 GAMMA RAY API UNITS 0 100	1:500 0 2 0 2				RILD RSFL 10 10 10 10	Δt 140 40 240 140
QUATERNARY	PLEISTOCENE TO RECENT		430·0										



No returns from seabed to 174 m.

CLAY, silty, light to medium grey, slightly to moderately calcareous, carbonaceous, pyritic

SAND, quartzose to sublithic, colourless to milky, occasionally red stained, predominantly very fine to medium grained, occasionally coarse to very coarse, lithic fragments of metamorphics and fossils

Abundant SHELL fragments in SAND

CLAY, silty, light to medium grey, slightly calcareous, pyritic in part with SHELL fragments

SAND, colourless to milky, quartzose, sublithic, predominantly very fine to medium grained with abundant SHELL fragments

CLAY, light to medium grey, carbonaceous, slightly calcareous, with thin LIGNITE, dark yellowish brown to black, fibrous

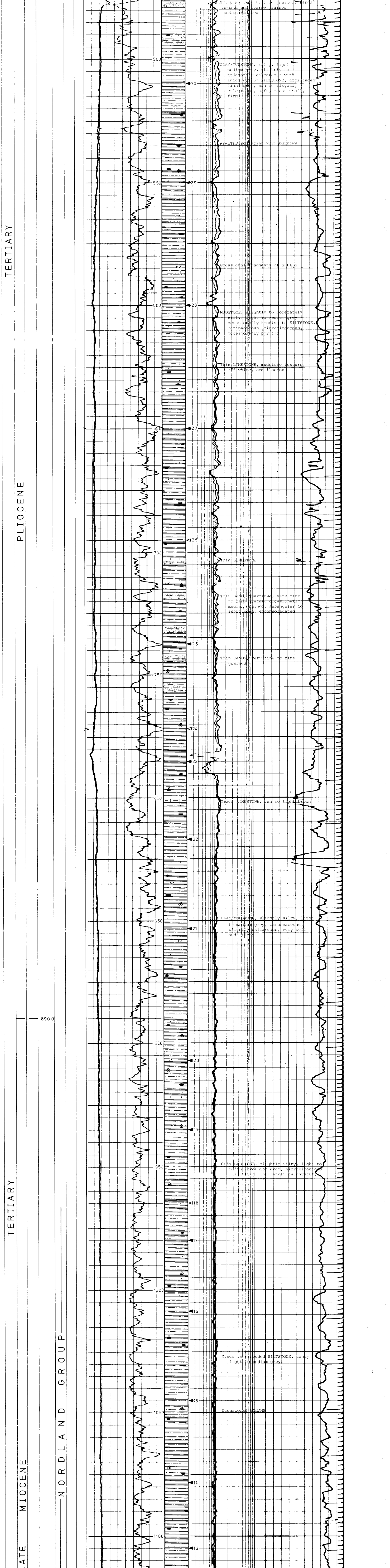
SAND, quartzose to sublithic, colourless to milky, fine to medium grained, occasionally coarse grained, moderately sorted, subrounded, occasionally subangular

LIGNITE, dark yellowish brown to black, soft, fibrous, occasionally pyritised

CLAY, light to medium grey, calcareous

FORAMS

CLAY, silty, light to medium grey, slightly micromicaceous, slightly to moderately calcareous



SAND, very fine to fine grained, partly medium and coarse grained, unconsolidated

CLAY/MUDSTONE, silty, light medium grey, slightly to moderately calcareous with interbeds of SILTSTONE, argillaceous light grey, non to slightly calcareous, soft, occasionally firm

PYRITES replacing worm burrows

Occasional fragments of SHELLS

MUDSTONE, slightly to moderately silty, light to medium grey occasionally tending to SILTSTONE, carbonaceous, micromicaceous, occasionally pyritic.

Thin LIMESTONE, mudstone texture, off white, argillaceous

Thin LIMESTONE

Thin SAND, quartzose, very fine to fine grained occasionally medium grained, subangular to subrounded, unconsolidated

Thin SANDS, very fine to fine grained

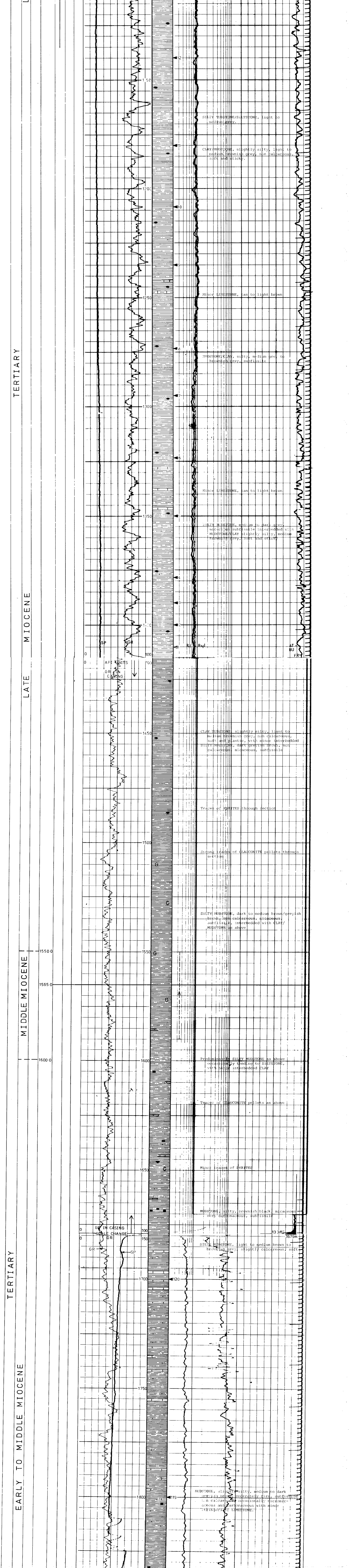
Minor LIMESTONE, tan to light brown

CLAY/MUDSTONE, slightly silty, light to medium grey, carbonaceous, slightly calcareous, very soft and sticky

CLAY/MUDSTONE, slightly silty, light to medium brownish grey, micromicaceous, slightly to moderately calcareous, [illegible]

Minor interbedded SILTSTONE, sandy light to medium grey.

Occasional FORAMS



SILTY MUDSTONE/SILTSTONE, light to medium grey.

CLAY/MUDSTONE, slightly silty, light to medium brownish grey, non calcareous, soft and sticky.

Minor LIMESTONE, tan to light brown

MUDSTONE/CLAY, silty, medium grey to brownish grey, subfissile

Minor LIMESTONE, tan to light brown

SILTY MUDSTONE, medium to dark grey, micaceous subfissile interbedded with MUDSTONE/CLAY slightly silty, medium brownish grey, soft and sticky

CLAY/MUDSTONE, slightly silty, light to medium brownish grey, non calcareous, soft and plastic, with minor interbedded SILTY MUDSTONE, dark greyish brown, non calcareous, micaceous, subfissile

Traces of PYRITES through section

Strong traces of GLAUCONITE pellets through section

SILTY MUDSTONE, dark to medium brown/greyish brown, non calcareous, micaceous, subfissile, interbedded with CLAY/MUDSTONE as above

Predominantly SILTY MUDSTONE as above occasionally tending to SILTSTONE, with minor interbedded CLAY

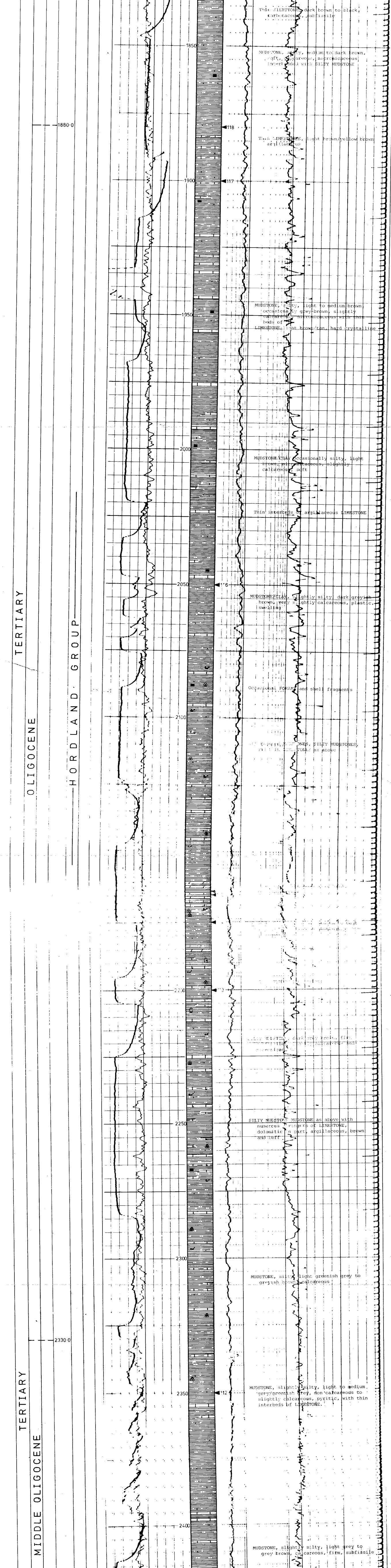
Traces of GLAUCONITE pellets as above

Minor traces of PYRITES

MUDSTONE, silty, brownish black, micaceous very carbonaceous, subfissile

SILTY MUDSTONE, light to medium brown to brownish grey, slightly calcareous, soft

MUDSTONE, slightly silty, medium to dark greyish brown, moderately firm, subfissile non calcareous, occasionally micromicaceous and carbonaceous with minor stringers of LIMESTONE.



Thin SILTSTONE, dark brown to black, carbonaceous, subfissile

MUDSTONE, silty, medium to dark brown, soft, calcareous, micromicaceous interbedded with SILTY MUDSTONE

Thin LIMESTONES, light brown/yellow brown argillaceous

MUDSTONE, silty, light to medium brown, occasionally grey-brown, slightly calcareous, micromicaceous with thin beds of
LIMESTONE, light brown/tan, hard crystalline

MUDSTONE/CLAY occasionally silty, light brown, micromicaceous, slightly calcareous, soft

Thin interbeds of argillaceous LIMESTONE

MUDSTONE/CLAY, slightly silty, dark greyish brown, very slightly calcareous, plastic, swelling

Occasional FORAMS and shell fragments

[illegible] MUDSTONES, SILTY MUDSTONES, [illegible] LIMESTONES as above

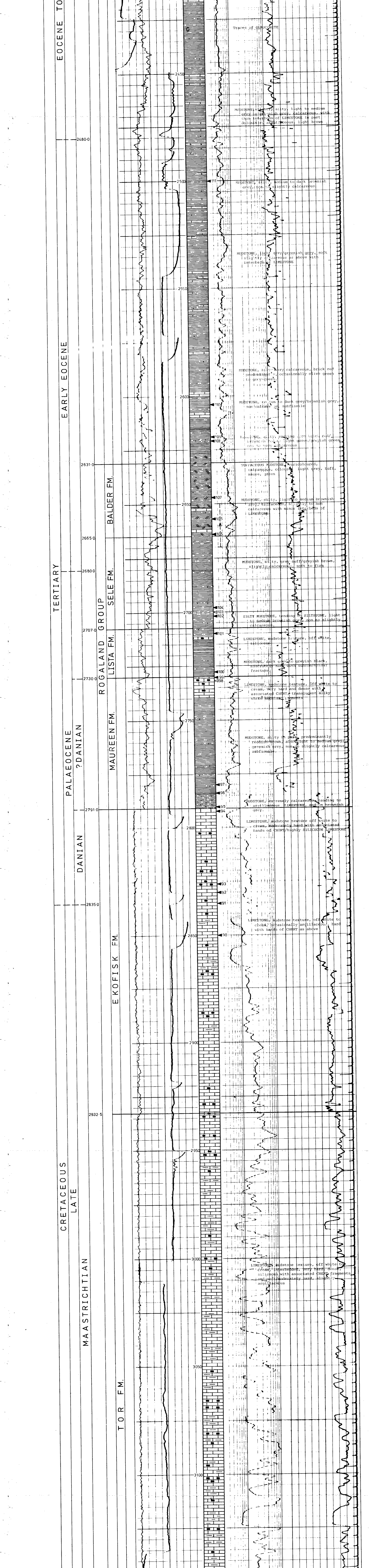
[illegible], dark grey brown, firm, [illegible] calcareous and [illegible]

SILTY MUDSTONE MUDSTONE as above with numerous stringers of LIMESTONE, dolomitic in part, argillaceous, brown and buff

MUDSTONE, silty, light greenish grey to greyish brown, calcareous

MUDSTONE, slightly silty, light to medium grey/greenish grey, non calcareous to slightly calcareous, pyritic, with thin interbeds of LIMESTONE.

MUDSTONE, slightly silty, light grey to grey brown, calcareous, firm, subfissile



Traces of GLAUCONITE

MUDSTONE, slightly silty, light to medium grey to greenish grey, calcareous, with thin interbeds of LIMESTONE in part dolomitic, argillaceous, light brown

MUDSTONE, silty, medium to dark brownish grey, non to slightly calcareous

MUDSTONE, light grey/greenish grey, soft slightly calcareous as above with interbeds of LIMESTONE

MUDSTONE, silty very calcareous, brick red predominantly, occasionally olive green to grey-green.

MUDSTONE, medium to dark grey/brownish grey, non calcareous, subfissile

MUDSTONE, silty, varying from brick red/brownish red to light green/greyish green non to very calcareous

TUFFACEOUS MUDSTONE, varicoloured, calcareous, coloured light grey, buff, mauve, green

MUDSTONE, silty, light to medium brownish grey, tuffaceous, slightly to non calcareous with minor interbeds of LIMESTONE

MUDSTONE, silty, grey buff/greyish brown, slightly calcareous, soft to firm

SILTY MUDSTONE, tending to SILTSTONE, light to medium brownish grey, non to slightly calcareous.

LIMESTONE, mudstone texture, off white, siliceous

MUDSTONE, dark grey to greyish black, moderately hard with subconchoidal fracture.

LIMESTONE, mudstone texture, off white to cream, very hard and dense with associated CHERT, translucent milky white angular fragments

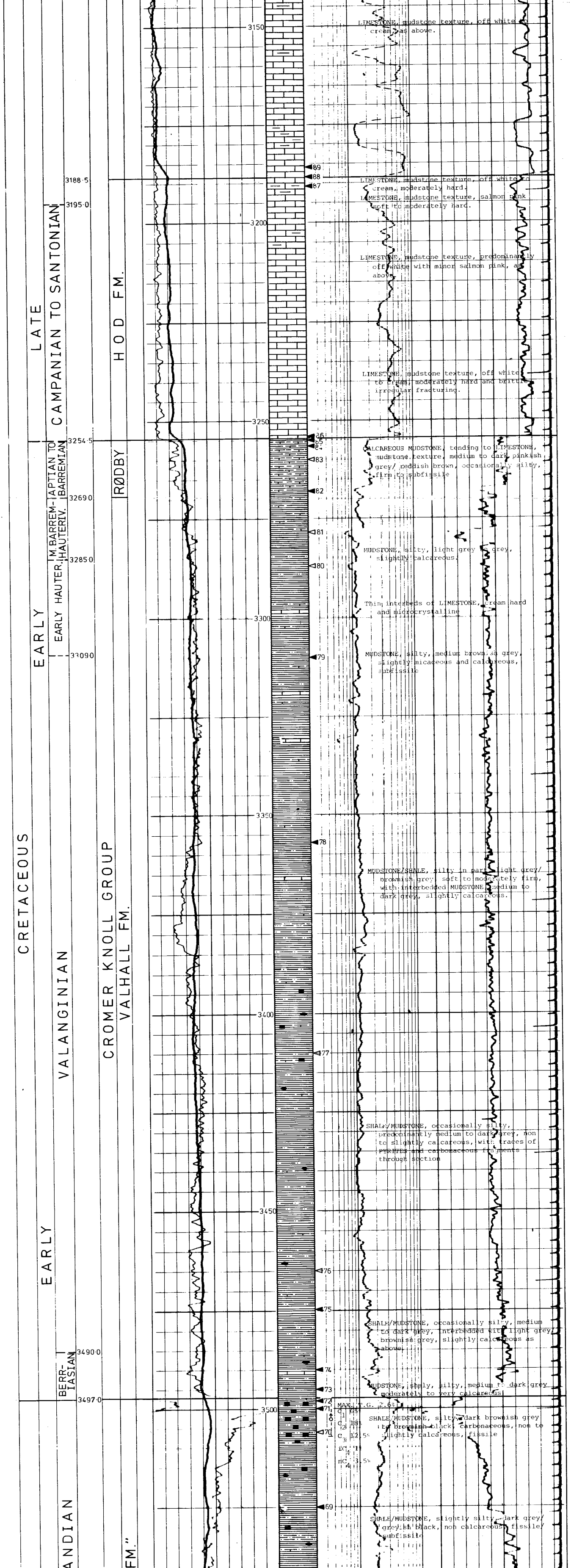
MUDSTONE, silty in part, predominantly reddish-brown, also light to medium grey/greenish grey, non to slightly calcareous, subfissile.

MUDSTONE, extremely calcareous, tending to argillaceous LIMESTONE, medium brownish grey.

LIMESTONE, mudstone texture off white to cream, moderately hard with associated bands of CHERT/highly SILICEOUS LIMESTONE

LIMESTONE, mudstone texture, off white to cream, occasionally argillaceous, hard with bands of CHERT as above

LIMESTONE, mudstone texture, off white to cream, interbedded, very hard, dense, siliceous with associated CHERT fragments and soft/moderately hard, slightly argillaceous



LIMESTONE, mudstone texture, off white to cream, as above.

LIMESTONE, mudstone texture, off white to cream, moderately hard.

LIMESTONE, mudstone texture, salmon pink soft to moderately hard.

LIMESTONE, mudstone texture, predominantly off white with minor salmon pink, as above.

LIMESTONE, mudstone texture, off white to cream, moderately hard and brittle irregular fracturing.

CALCAREOUS MUDSTONE, tending to LIMESTONE, mudstone texture, medium to dark pinkish grey/ reddish brown, occasionally silty, firm to subfissile

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

Thin interbeds of LIMESTONE, cream hard and microcrystalline

MUDSTONE, silty, medium brownish grey, slightly micaceous and calcareous, subfissile

MUDSTONE/SHALE, silty in part, light grey/ brownish grey, soft to moderately firm, with interbedded MUDSTONE, medium to dark grey, slightly calcareous.

SHALE/MUDSTONE, occasionally silty, predominantly medium to dark grey, non to slightly calcareous, with traces of PYRITES and carbonaceous fragments through section

SHALE/MUDSTONE, occasionally silty, medium to dark grey, interbedded with light grey/ brownish grey, slightly calcareous as above.

MUDSTONE, shaly, silty, medium to dark grey moderately to very calcareous

SHALE/MUDSTONE, silty, dark brownish grey to brownish black, carbonaceous, non to slightly calcareous, fissile

SHALE/MUDSTONE, slightly silty, dark grey/ greyish black, non calcareous, fissile/ subfissile