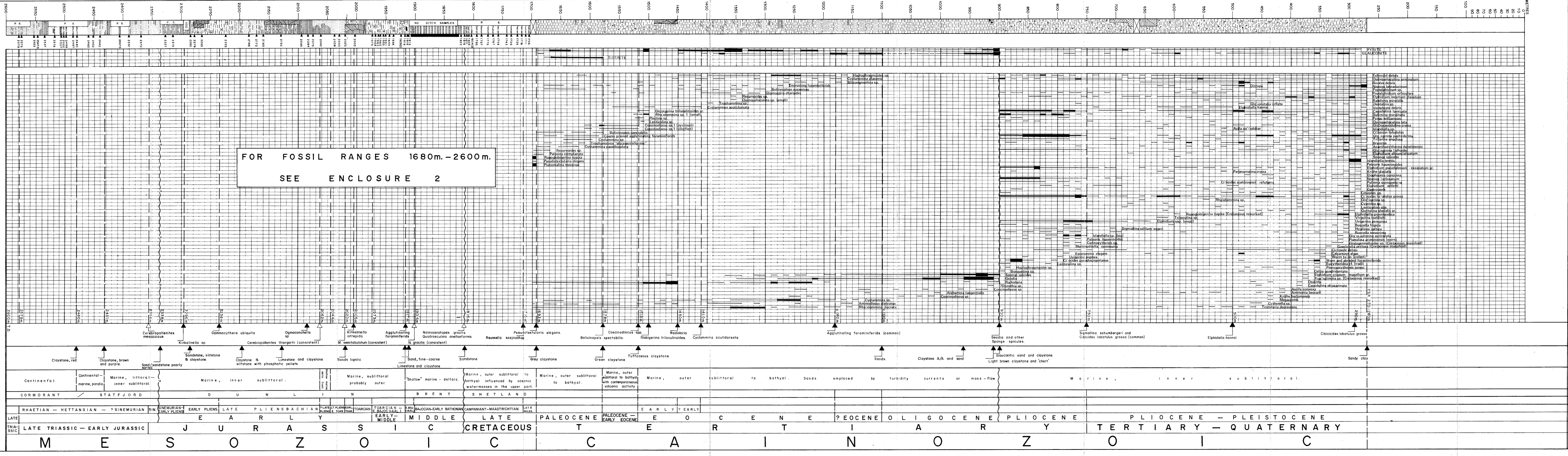
L-222 725.1



STATOIL

ANALYSTS: R.W.M., K.J.G.

PROJECT No: 665

DATE: DEC. 1979

ENCLOSURE No: 1

WELL 34/10-4

NORWEGIAN OFFSHORE

-5 MAR 1980
REGISTRERT
OLJEDIREKTORATET

STRATIGRAPHIC LOG

SCALE 1:2000

PALEOSERVICES

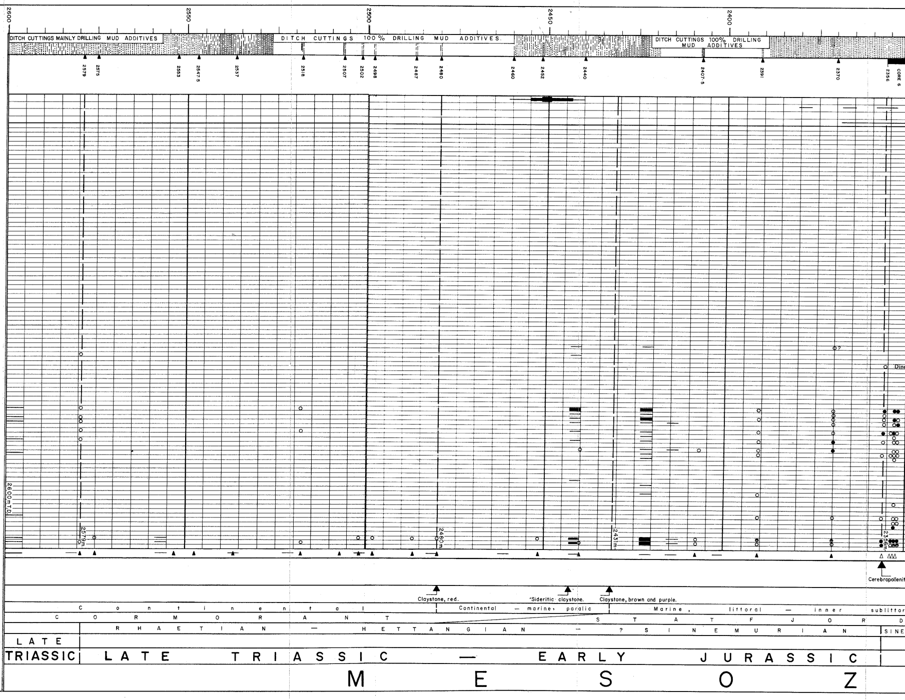
LEGEND

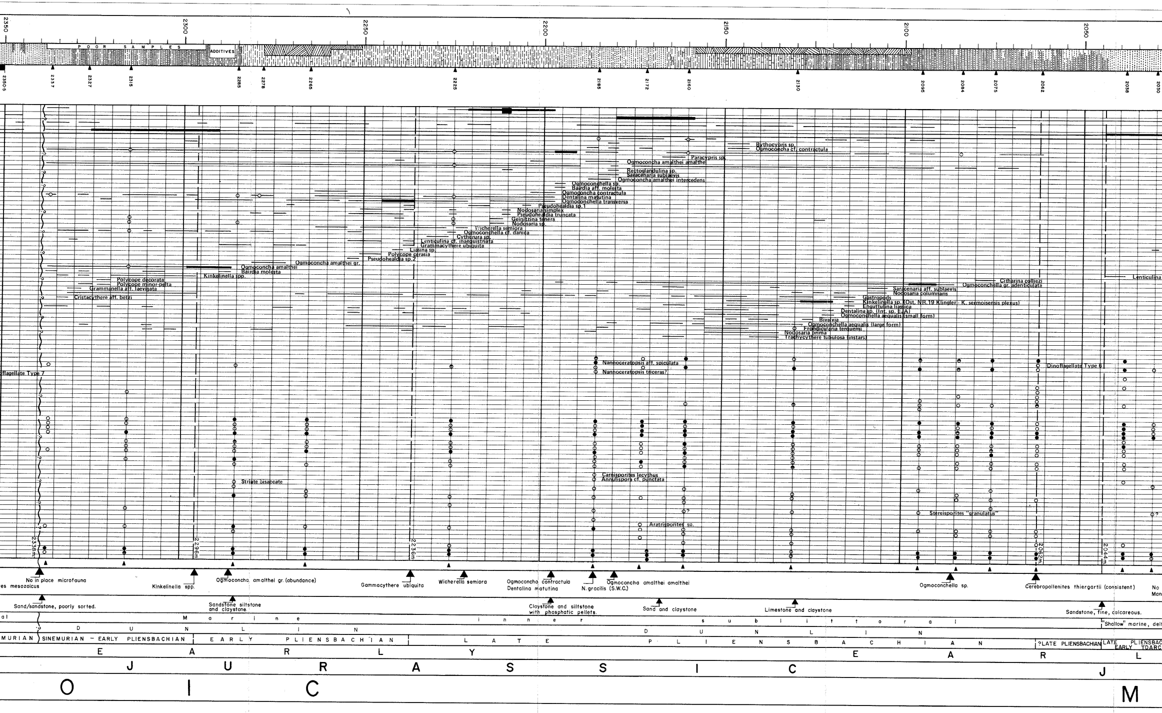
▨	CLAY/CLAYSTONE	▨	F M C SANDSTONE	▨	LIMESTONE
▨	SHALE	▨	CONGLOMERATE	▨	CHALK
▨	MARL CALCAREOUS SHALE	▨	VOLCANICS LAVAS/TUFFS	▨	DOLOMITE
▨	SILTSTONE/SILT	▨	UNDIFFERENTIATED BASEMENT	▨	CEMENT
▨	F M C SAND	☒	NO SAMPLES	▨	ANHYDRITE/GYPSUM
◠	MEGAFOSSILS	G	GLAUCONITE	∨	MICA
▲	CHERT	S	SIDERITE	▮	CORES
□	PYRITE	▬	LIGNITE/COAL	◀	SIDEWALL CORES
▲	SIGNIFICANT MICROFAUNA			P.S.	POOR SAMPLES
△	SIGNIFICANT MICROFLORA				

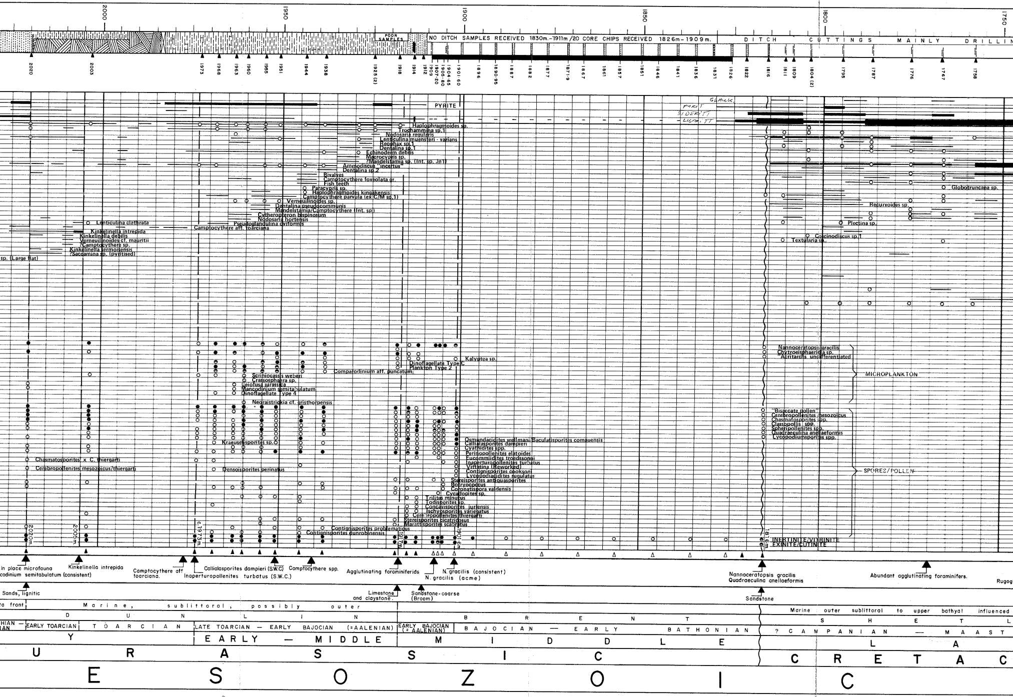
FOSSILS AND ACCESSORY MINERALS

---	Boundary
~	Unconformity
═	T.D. (Total depth)
∧∧∧	Partial or interrupted sequence
F.S.R.	First sample received
L.S.R.	Last sample received
▮	Abundant
▮	Common
│	Rare
●	Abundant
◐	Common
○	Rare
*	PETROGRAPHICAL ANALYSIS

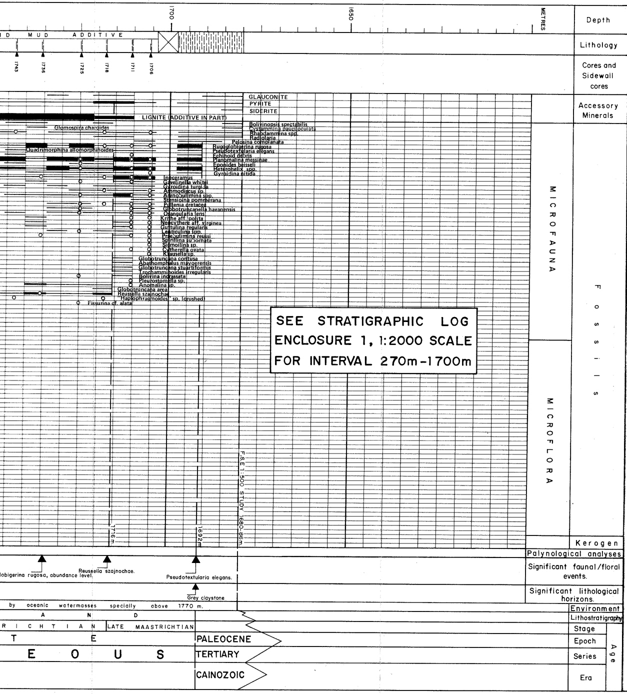
● ◐ ○ FOSSILS IN SIDEWALL CORES







L-222 725.1


METRES
1650
1700
Depth
D MUD ADDITIVE
Lithology
1743
1736
1725
1718
1711
1706
Cores and Sidewall cores
GLAUCONITE
PYRITE
SIDERITE
LIGNITE (ADDITIVE IN PART)
Accessory Minerals
Bolivinopsis spectabilis
Cystammina pauciloculata
Rhabdammina spp.
Radiolaria
Glomospira charoides
Pelosina complanata
Rugoglobigerina rugosa
Quadrimorphina allomorphinoides
Pseudotextularia elegans
Echinoid debris
Planomalina messinae
Eponides beisseli
Heterohelix spp.
Gyroidina nitida
Inoceramus
Gavelinella whitei
Gyroidina turgida
Ammodiscus sp.
Arenobulimina spp.
Stensioina pommerana
Pullenia cretacea
Globotruncanella havanensis
Osangularia lens
Krithe aff. polita
Neocythere aff. virginea
Guttulina regularis
Lenticulina spp.
Praebulimina reussi
Spirillina subornata
Sigmoilina sp.
Cytherella ovata
Krausella sp.
Globotruncana contusa
Abathomphalus mayaroensis
Globotruncana stuartiformis
Trochamminoides irregularis
Bolivina incrassata
Pleurostomella sp.
Anomalina sp.
Globotruncana arca
Reussella szajnochae
"Haplophragmoides" sp. (crushed)
Fissurina cf. alata
MICROFAUNA
Fossils
MICROFLORA
1716 m.
1692m
F.S.E 1:500 STUDY 1680-86m.
Kerogen
Palynological analyses
lobigerina rugosa, abundance level.
Reussella szajnochae.
Pseudotextularia elegans.
Significant faunal/floral events.
Grey claystone
Significant lithological horizons.
by oceanic watermasses specially above 1770 m.
Environment
A N D
Lithostratigraphy
R I C H T I A N
LATE MAASTRICHTIAN
Stage
T E
PALEOCENE
Epoch
E O U S
TERTIARY
Series
CAINOZOIC
Era
Age

SEE STRATIGRAPHIC LOG
ENCLOSURE 1, 1:2000 SCALE
FOR INTERVAL 270m-1700m

S T A T O I L

WELL 34/10-4

NORWEGIAN OFFSHORE

1680m. - 2600 m.

STRATIGRAPHIC LOG

SCALE 1:500

PALEOSERVICES
UNIT 15, PARAMOUNT INDUSTRIAL ESTATE,
SANDOWN ROAD, WATFORD WD2 4XA ENGLAND.

ANALYSTS: R.W.M. K.J.G.
PROJECT No: 665
DATE: DEC. 1979
ENCLOSURE No: 2

LEGEND

CLAY/CLAYSTONE
SHALE
MARL CALCAREOUS SHALE
SILTSTONE/SILT
F M C SAND
MEGAFOSSILS
▲ CHERT
□ PYRITE
F M C SANDSTONE
CONGLOMERATE
VOLCANICS LAVAS/TUFFS
UNDIFFERENTIATED BASEMENT
NO SAMPLES
G GLAUCONITE
S SIDERITE
LIGNITE/COAL
LIMESTONE
CHALK
DOLOMITE
CEMENT
ANHYDRITE/GYPSUM
MICA
CORES
▲ SIDEWALL CORES
PS. POOR SAMPLES

Boundary
Unconformity
T.D. (Total depth)
Partial or interrupted sequence
F.S.R. First sample received
L.S.R. Last sample received

FOSSILS AND ACCESSORY MINERALS
Abundant
Common
Rare
● Abundant
◐ Common
○ Rare
FOSSILS IN SIDEWALL CORES/CORES.
PALYNOLOGICAL ANALYSES
▲ S.W.C. △ CORE — DITCH CUTTINGS.