SIMON PETROLEUM TECHNOLOGY WELL: 6608/11-1

Print: 8048 I Units: [✓ M] F

Length: 12 FT Initials:

Top	Bottom	Scale	TD
400	1615	1:500	1620

DIGITAL WIRELINE LOGS PACKAGE
1994
This image may not be used or reproduced without written permission from
SIMON PETROLEUM TECHNOLOGY SPT

COMPLETION LOG

COMPLETION - 0

statoil PARTNERS NORSK HYDRO, SAGA, AGIP, TEXAS EASTERN

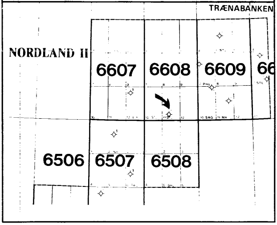
6608/11-1 ALPHA WILDCAT

WELL PROSPECT STRUCTURE

COMPLETION LOG
Scale 1:500

AREA: NORDLAND II
LICENCE: PL 128
COORDINATES: 66°01′ 04,02″ N
08°23′ 38.67″E
K.B.: 25 m
WATER DEPTH: 381 m
TOTAL DEPTH: 1620 m RKB
DEEPEST FORM. PEN.: TRIASSIC
SPUD DATE: 19/7/86
RIG RELEASE DATE: 13/8/86
WELL STATUS: PLUGGED & ABANDONED, DRY
RIG: DYVI STENA
CONTRACTOR: DYVI DRILLING
GEOLOGISTS: LAW, ALM, BJERKENES
ALSTADSÆTER
PREPARED BY: V.LARSEN DATE: 23/12-86

LOCATION MAP



CASING DATA:	LEAK OFF TESTS:	VELOCITY SURVEY: (VSP)
30″ at 519 M		38 LEVELS BETWEEN 1615-870 m
20″ at 677 M	1.42 S.G.EQ.MW.	CONDUCTED BY SCHLUMBERGER
16″ at		
13 3/8″ at 1165 M	1.50 S.G.	
9 5/8″ at		
7″ at		

LOGS RUN CONTRACTOR: SCHLUMBERGER

ISF/LSS-GR	LDL-GR	CST-GR	SHDT-GR			
IA: 692.0-406.0 m ISF-BHC-GR 2B 1170.2-677 m ISF-BHC-MSFL-GR: 3C:1613-1165 m	IA: 693.7-519.5 m 2 B 1171.4-677 m LDL-CNL-GR: 3C: 1614.2-1165 m	2A: 1170-715 m 3B: 1615-1185 m	3A: 1614-1165			

COMMENTS:

LITHOLOGICAL SYMBOLS

- CONGLOMERATE
- SAND SANDSTONE
- SILT SILTSTONE
- CLAY CLAYSTONE
- SHALE
- LIMESTONE
- CHALK
- DOLOMITE
- MARL
- TUFF
- SALT GEN'L
- ANHYDRITE
- COAL or LIGNITE
- WOOD FRAGS
- FOSSILS GEN'L
- SHELL FRAGS
- FORAMS
- BURROWS
- PYRITE
- GLAUCONITE
- MICA
- KAOLINITE
- CHERT
- SIDERITE

- STAIN
- FLUORESCENCE
- CUT FLUOR
- GAS SHOWS

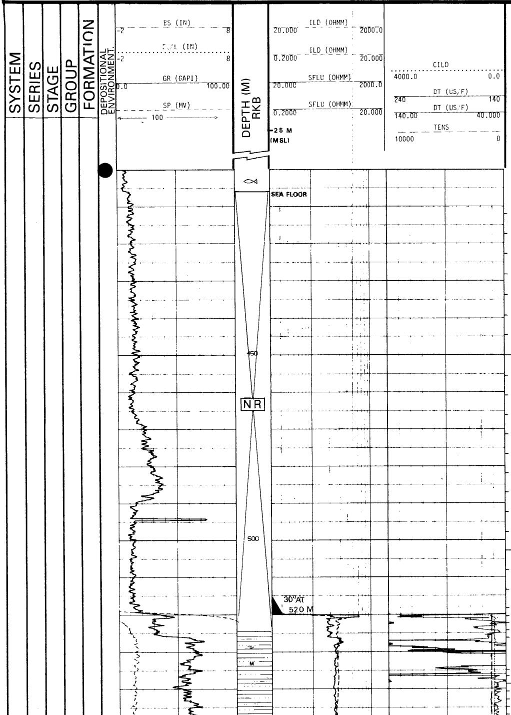
SIDEWALL CORES
- REC.
- REC. W/SHOW
- NO REC

CORES
- CORE NO

DST

RFT/FMT
- UNSUCCESSFUL

CASING SHOE/LINER



TWO WAY TRAVEL TIME IN SECONDS

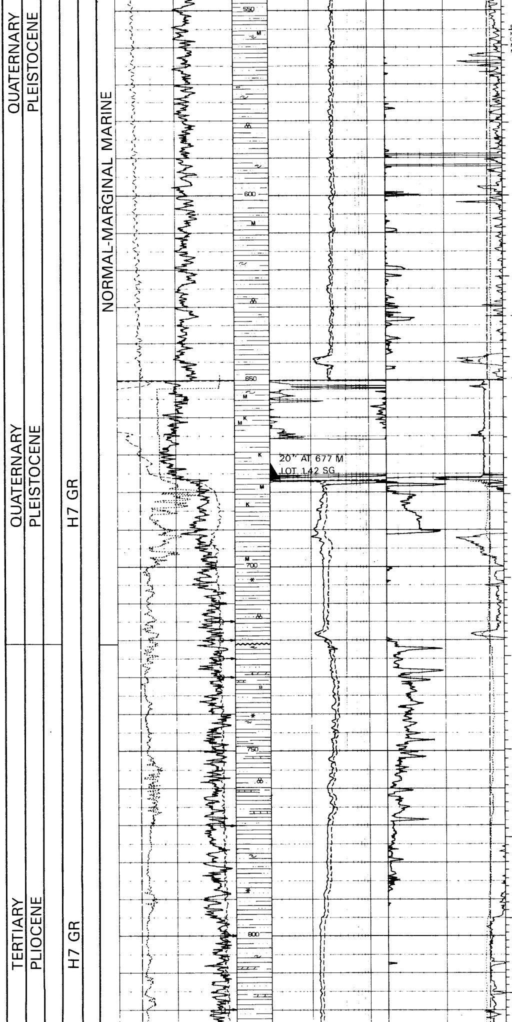
TOPS FROM LOG-SEISMIC CORRELATION

SEA FLOOR 406 M (0.513 S)
(-381 M)

DRILLED WITHOUT RETURNS TO SURFACE

CLY: SL SLTY LT-MED GRY, V STF, SL STKY, AMOR, MOD DISPERSIBLE, MOD HYDR, SL CALC

Pleistocene/Pliocene fauna



SD: MULTICOL. GRY WH. YEL. BLK:, PRED QTZ. MNR LITHIC AND FELDS. PRLY SRTD, VF VCRS. OCC GRAN. PRED CRS. SUBANG-SUBRD ALL LSE. MNR CRS BLK AND WH MIC, MNR CRS BLK AND WH MIC. MNR CRS. BIV MOLLUSC SHELL FRAGS

CLY: A A BUT OCC FRM. OCC MIC W SLTY BLK + WH MIC TR PYR AS CRS AGG OF FN XLN PYR OCC FORAM

SD MILTICOL PRED QTZ A.A. BUT I.P BIMODAL. F AND CRS FRACTIONS V CRS AND ANG GRAN AND PEBBLE SIZES AT 650 M OF IGNEOUS AND MPHIC FRAGMENTS. COMMON SFT WH KAO ALTERATION OF FELDS LITH CONT LSE SL MIC MNR SHELL FRAGS. POSS I P BOULDERS

KCL POLYMER MUD SYSTEM

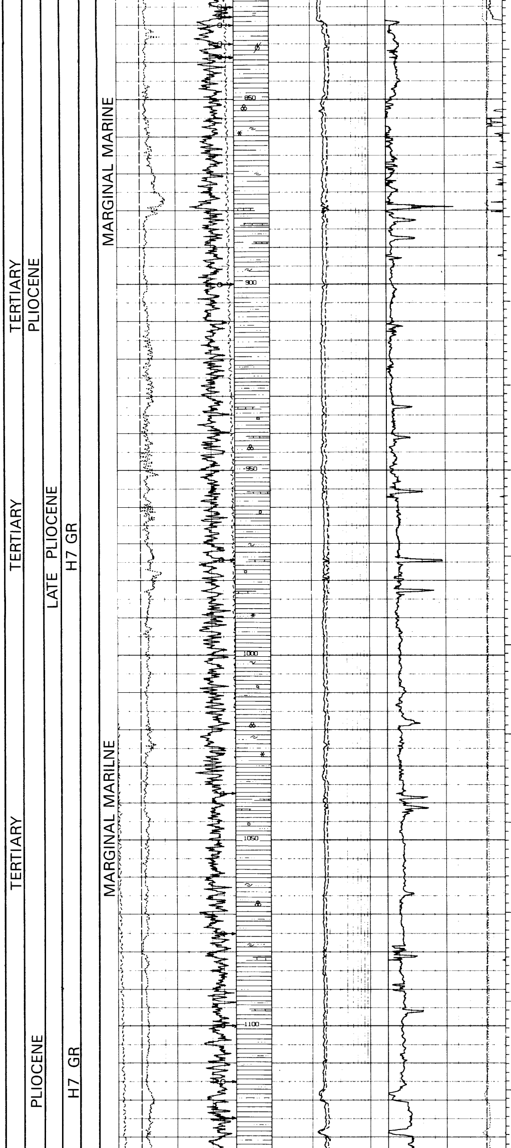
CLYST: MED GRY OCC GN-GRY SLTY AND SDY SFT AMOR SL MICROMICA SPKLD BLK W SLTY SDY MICA. SDY W VF-F CLR QTZ SD SUBRD SUBANG. W SRTD NO VIS STRUC. NON-SL CALC OCC FM PELLETS. OF CLAU. OCC PYR NOD

721 M (0.820 S)
PLIOCENE (-696 M)
SD. CLR TRANSL WH QTZ MNR VARICOL LITH FRAGS. VF V CRS OCC GRAN PR SRTD SUBANG-SUBRD. ALL LSE. PROB WK CLY CMNT IN SITU. INFERRED PR POR. COM CRS MOD ABRADED SHELL FRAGS. OCC FORAM

LST: PRED CLR-TRANSL WH CAL. BL KY CTG. CRYPTOXLN CRS SPARRY XLN HD NO VIS POR OCC DOLMITIC GRDG TO DOL

CLY/CLYST: SLTY AND SDY. A A VARIABLE SLT. OCC GRDG TO ARG SLTST

SD: QTZ AND LITHIC FRAGS. A A VF V CRS. PRED MED-CRS. PRLY SRTD. ALL LSE NO SHOWS.



CLY/CLYST: CONT SLTY AND SDY A A

SD: A/A

LST: WH, LT GRY, LT BRN, HD BLKY CTG, NON - MOD ARG, PRED CRYPTOXLN, OCC CRS SPARRY REXTALISED

CLY/CLYST: MED GRY, OCC GN-GRY, MOD-V SLTY AND SDY, OCC GRDG TO ARG SLTST AND ARG SST; BLK MIC, SLT, VF-F CLR QTZ SD W SRTD, SUBRD-SUBANG, CTG GEN SFT, SL HYDR AMOR, OCC FRM BLKY W WK LAM, SL CALC, OCC GN GLAU PEL AND MOT, SL MICROMIC.

SD: TR - 5% ONLY, PRED CLR AND MLKY QTZ, MNR LITHIC FRAGS, F-V CRS, PRED MED-CRS, SUBRD-SUBANG, PRLY SRTD, ALL LSE, NO SHOWS.

TR PYR: CRS AGG OF MICROXLN PYR

FOSS: MOLL BIV SHELL FRAGS, CRS, MOD-V ABRADED, LSE, OCC FORAM, SL ABRADED

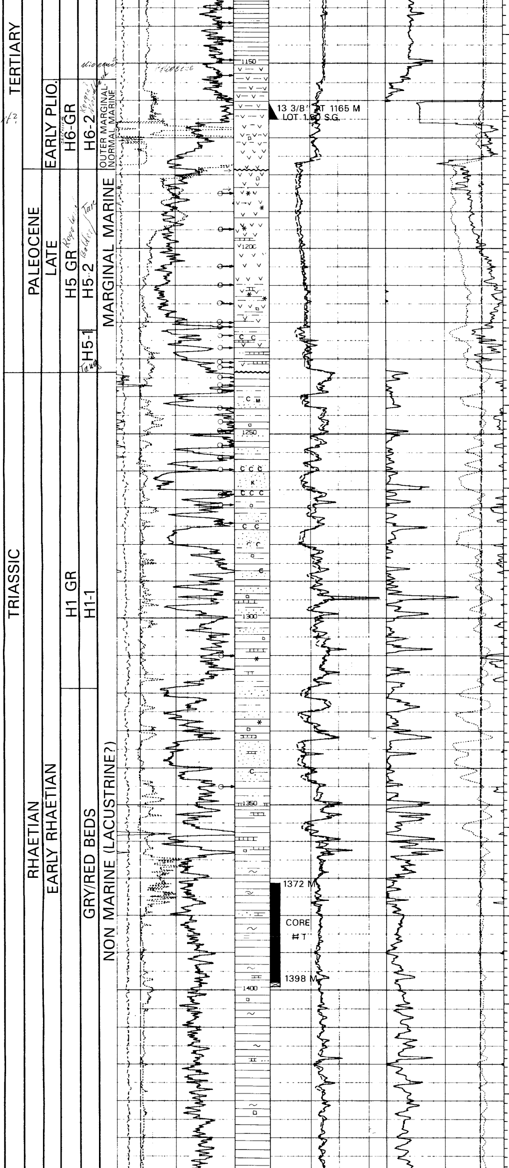
CLAU: DK GN FAECAL PELLETS

CLY/CLYST: MED GRY, SL GN-GRY, SL SLTY AND SDY W/BLK MIC SLT AND F QTZ SD, SL HYDR, STKY, AMOR, OCC BLKY CTG, NO VIS STRUC, SL MICROMIC, SL CALC

TR SD: A/A

Early Pliocene
1159-1178

Resedimented?



Pleistocene Early Pliocene?

1154 M (1,190 S)
H6-2 (-1129 M)

TUFFACEOUS CLYST: LT GRY. BLK SPKLD W/SLT, SFT-FRM. PLTY BLKY CTG. OCC GN MOT. SL SDY W/VF CL QTZ SD, SL CALC

1177 M (1.212 S)
H5-2 (-1152 M)

TUFF: VARICOL. MED GRY GRN-GRY MED BRN GRY. PA GRY BL GRN OCC BLK SPCKS FRM. OCC HD PLTY CTG. SL-MOD FISS SL SLTY WK MICROMIC TR FN GLAUC PEL IN GRN TUFF. NON-SL CALC. TR FN XLN PYR IN LAM

TR LST: CLR-WH HD SPARRY

SLTST: OLV BLK-DK GRY. V GLAUC. FRM-SFT. BLKY. BLK SPCKS. NONCALC.

1222 M (1.256 S)
H5-1 (-1197 M)

TUFF CLYST: A/A

LST: A/A

TR COAL: BLK. HD BRI. CONC FRAC

1233 M (1.267 S)
TRIASSIC (-1208 M)

CLYST: LT BRN-LT ORNG-RD BRN. SFT, OCC SLSTY-SDY OCC LAMIN. BLK SPCKS I P

SD: CLR ORNG QTZ. V FN-CRS, SUBANG. LSE. FAIR -POOR SRTD

CLYST: MED GRY. SFT. SOL. NONCALC. MICROMICA. V SLTY I P

COAL: BLK BRN BLK. MOD HD. BRITTLE BLKY

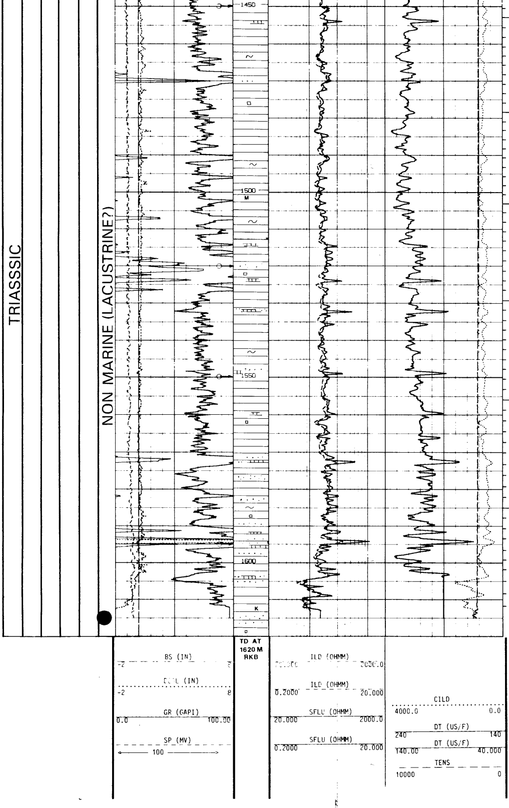
1318 M (1.343 S)
GRY/RED BEDS (-1293 M)

CLYST/SLTST: VARICOL. PRED LT BL GRN GRY. MED GRY. SFT. SDY. MICROMICA MICA GLAUC I P. OCC RD BRN-LT RD BRN. LT YEL GRY. SL - NON CALC

LST: WH-LT BRN-LT GRY. FRM-MOD HD,XLN-MICRO XLN. OCC V SDY

CLYST: LT GRN GRY. FRM-MOD HD. MOD CALC. WAXY, BLKY CONCOIDAL FRACTURE, SDY I P MRLY I P

CLYST/MRL: RD BRN - GRY. BRN LT BRN. FRM, CALC - V CALC. OCC SDY. SFT. MICROMICA. OCC GRN MTLD



CLYST/MRL: MOSTLY BL GRN-GRY SHADES.
ELSE A A

SST. OOLITIC I P ALSO CLR QTZ V CRS-MED.
SUBRND RND CALC CMNT, LSE.

CLYST/MRL: A A

SST: LT YEL BRN, CLR QTZ, VFN-FN,
OCC MED-CRS, FAIR SRTD
SUBANG-SUBRND, PRTLY SILICA CMNTD.

CLYST: SLTY-SDY WH LT GRY
FRM PRTLY RD BRN A A