Encl.1

6407/12-1

COMPLETION LOG

SCALE 1:500

AREA: TRØNDELAG PLATFORM

LICENSE: PL 176

RIG: MAERSK JUTLANDER

TOTAL DAYS: 9.6

WATER DEPTH: 289m MSL

DRILLERS T.D.: 1805m

LOGGERS T.D.: 1802.9m

STATUS: P&A, OIL

Latitude	Longitude
64.23984483	7.70221841
X Coordinate	Y Coordinate
437067.50	7124559.50

SPUD DATE: 07 JULY 1999 00:15

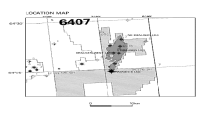
T.D. REACHED: 11JULY 1999 11:00

RIG RELEASED: 15 JULY 1999 18:00

ELEVATION: 23.20m

T.D. (Fm): GARN FM.

MAX. DEVIATION: 2.06 deg AT 1353.3m



OPERATOR: A/S NORSKE SHELL

PARTNERS: NORSKE SHELL (40%)
NORSK HYDRO (10%)
NORSK CHEVRON (15%)
STATOIL/SDIE (35%)

OPS. GEOLOGIST: JONNY GUDDINGSMO

WELLSITE GEOLOGIST: RICHARD HOWES/TIM WATTS

PREPARED BY: GAVIN DU PLESSIS

CONTRACTORS:
DRILLING CONTRACTOR: MAERSK CONTRACTORS NORGE
MUD LOGGING: SPERRY-SUN
MUD ENGINEERING: BAROID
WIRELINE LOGGING: SCHLUMBERGER WIRELINE
MWD/LWD: ANADRILL SCHLUMBERGER

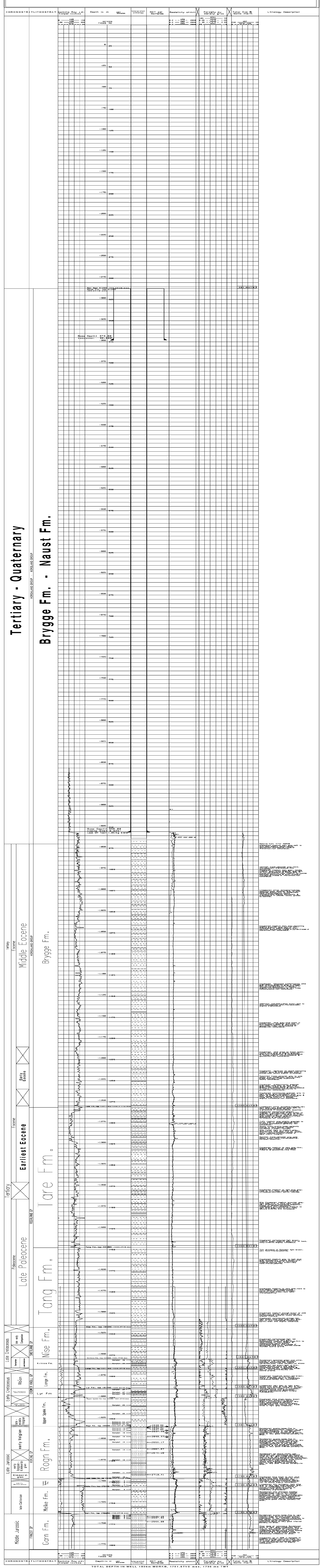
LITHOLOGY KEY

▤	CLAYSTONE	▦	GLAUCONITIC SANDSTONE
▤	SILTY CLAYSTONE	▦	SANDSTONE
▤	SANDY CLAYSTONE	▦	CALCAREOUS SANDSTONE
▤	PYRITIC CLAYSTONE	▦	ARGILLACEOUS LIMESTONE
▤	CALCAREOUS CLAYSTONE	▦	ARGILLACEOUS SANDSTONE
▥	TUFF	▦	PYRITIC SANDSTONE
▦	LIMESTONE	▦	SILTY SANDSTONE

OTHER SYMBOLS

CASING SHOE
PRESSURE (psi)
SIDEWALL SAMPLES
OIL SHOWS

MD: Measured Depth
TVD mss: True Vertical Depth meters subsea
ms TWT: milliseconds Two Way Time



TOTAL DEPTH IN WELL 1805m MDRKB, 1781.6TVD mss, 1795 ms TWT

SIDE WALL CORE DESCRIPTIONS

Core Id	Sample Number	Recovered Amt	Top Depth	Lithology Description
SIDE: 10	Sample: 1		1758.30	LOST
SIDE: 10	Sample: 2	15	1757.30	SST: lt gy.lt med-lt gy.f-vf.fri.frm.sbrnd.slty matrix.calc cmt.min dissem py.tr glc.tr mic.gd vis por
SIDE: 10	Sample: 3	50	1755.30	SST: lt gy.f-m.fri.sbrnd.wll srtd.calc.mod vis por
SIDE: 10	Sample: 4	35	1754.30	SST: lt med gy.crs-f.fri.pr srtd.rnd-sbrnd.sl calc.tr slty matrix.min pyr.tr fldsp.mic.gd vis por
SIDE: 10	Sample: 5	30	1753.30	SLTY SST: med gy.slt-f.occ m-crs.frm but loc hd.rnd-sbrnd.ext slty matrix.tr dissem pyr.occ mic flakes
SIDE: 10	Sample: 6		1733.60	LOST
SIDE: 10	Sample: 7	30	1729.30	SLTY CLST: med-dk gy.frm-hd.mic.slty.sl sandy.sl calc.tr pyr
SIDE: 10	Sample: 8		1725.60	EMPTY
SIDE: 10	Sample: 9	25	1723.50	SLTY CLST: med-dk gy.frm hd.mic.slty.sl sandy.v calc.tr pyr.occ tr carb debris
SIDE: 10	Sample: 10	25	1721.30	SST: gn wh-lt gy.m-vf.frm.rnd.wll srtd.sl calc.glc.gd vis por
SIDE: 10	Sample: 11	20	1713.80	SST: gn wh.f-m.hd.rnd.wll srtd.sl calc.glc.fldsp.pr vis por
SIDE: 10	Sample: 12	30	1688.60	SST: gn wh.crs-f.hd.rnd.pr srtd.sl calc.glc.sl fldsp.pr vis por
SIDE: 10	Sample: 13	30	1686.60	SST: gn gy wh.frm.fri.hd.crs-f.pr srtd.sbrnd.sl calc.glc.slty/arg matrx.arg lenses.pr vis por
SIDE: 10	Sample: 14	40	1677.80	SST: gn gy.hd.crs-vf.unsrtd.sbrnd.sl mic.glc.sl calc.gd vis por.occ stained qtz - ckro/rose
SIDE: 10	Sample: 15	30	1671.30	SST: m gy.frm-hd.vf-m.occ crs.pr srtd.sbrnd.glc.tr pyr.loc arg clasts.gd vis por.pr show
SIDE: 10	Sample: 16	35	1665.80	SST: m dk gy-dk olv gy.fri.pred f-m.pr srt.sbrnd-sbang.sph-sbsph.pr cmt.arg/slt mtrx.sl fld.pyr.v glc.sl carb.gd vis por.mod-strg HC.pr show
SIDE: 10	Sample: 17	25	1663.60	ARG SST: m/dk-dk gy.v fri.sft.f-crs.pred f-m.ang-rnd.pr srt.wk calc cmt.abnt arg mtrx.carb.glc.sl pyr.mic.slty.gd vis por.pr show
SIDE: 10	Sample: 18	20	1660.60	SST: m dk gy.sl fri-mod hd.vf-crs.dom f-vf.sbang-sbrnd.mod-pr srt.sl calc cmt.arg/slt mtrx.loc pyr cmt.glc.1 carb deb.pr vis por.no vis show
SIDE: 10	Sample: 19	25	1659.60	CLST: olv blk.frm.sl plast.earthy.abnt dissem pyr.f carb.sl micromic.sl slt.non calc
SIDE: 10	Sample: 20		1659.30	LOST
SIDE: 10	Sample: 21	40	1658.60	CLST: olv blk.frm.sl plast.dissem pyr.sl micromic.sl slty.abnt f carb mat & strks.non calc
SIDE: 10	Sample: 22		1657.60	LOST
SIDE: 10	Sample: 23		1653.60	MISFIRE
SIDE: 10	Sample: 24		1643.60	LOST ?
SIDE: 10	Sample: 25		1633.60	MISFIRE
SIDE: 10	Sample: 26	20	1626.60	LST: lt gy.frm.loc crmbly.pred microxln.cpt-chlky.com micropyr.loc arg.occ f sty.poss intracl.occ min fluor.no shows
SIDE: 10	Sample: 27	22	1618.60	ARG LST: lt gy.sft-frm.micro-cryptoxln.gen chlky.mrly.occ crs-v crs gr intracl.micropyr.pr int por.pr show
SIDE: 10	Sample: 28	34	1613.60	CALC CLST: mod brn-gy rd.sft-sl frm.plast.mrly.sl micromic.v calc
SIDE: 10	Sample: 29	33	1594.60	CALC CLST: mod brn & lt-m grn gy.sft-sl frm.plast.mrly.sl micromic.v calc.sl carb
SIDE: 10	Sample: 30	30	1590.60	GLAUC SST: qt.dk grn gy.fri.vf-vcrs.dom f-m.sbrnd-rnd.wll srt.com dol cmt.org/kaol mtrx.abnt f-m glauc gr.sl mic.pr vis por.no show

MDT RESULTS (pressure in psi)

Dst Rft Test No	Recorder Depth	Formation Pressure	Remark
101	1660.40	2630.58	Mobility 57 md/cp No overpull on pulling off station
102	1660.40	2630.63	Mobility 39md/cp. Sample 1. failed
103	1660.50	2631.31	Mobility 52md/cp. abort test look for better mobility location
104	1660.70	2631.50	Mobility 249md/cp. Sample 2,filled 1 gallon chamber in 1h 17min
105	1665.30	2637.99	Mobility 2009 md/cp.
106	1671.30	2646.57	Mobility 901 md/cp.
107	1678.00	2656.17	Mobility 1128 md/cp.
108	1686.00	2667.67	Mobility 2137 md/cp.
109	1690.60	2674.28	Mobility 1377 md/cp.
110	1765.60	2535.34	Mobility 1889.7 md/cp.
111	1767.30	2537.65	Mobility 1540.5 md/cp.
112	1771.80	2544.08	Mobility 1288.1 mp/cp.
113	1716.30	2710.41	Mobility 1119.6 md/cd.
114	1660.60	2630.34	Mobility 27.7 md/cd.

BIT RUN DATA

Bit No	Top Depth	Base Depth	Bit Size	Manufacturer	Serial No	Bit Interval	Acc Hrs	Penetration Rate	Bit Weight	Rotary Rpm	Remark
1	311	381	36	RED BARON IM832	8151	69	5	12	[illegible]	[illegible]	BIT GRADING 1-1-NO-A-E-I-NO-TD
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BIT GRADING [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	SECURITY XP7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BIT GRADING [illegible]
[illegible]	[illegible]	1805	[illegible]	DBS FS2565	[illegible]	[illegible]	17	[illegible]	[illegible]	[illegible]	BIT GRADING [illegible]