Mobil

MOBIL EXPLORATION NORWAY INC.
FINAL COMPOSITE LOG
WELL 33/6-2

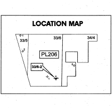
1:500

Well Data (Well 33/6-2)

WELL CLASSIFICATION	WILDCAT
WELL LOCATION	61° 32' 16.87" N 01° 56' 33.90" E
SEISMIC LOCATION	MN9601M, LINE 894, TRACE 2964
LICENSE	PL 206 - BLOCK 33/6
LICENSEES	MOBIL (OPERATOR) 70%, SAGA 30%
AFE No.	66204
RIG NAME	BYFORD DOLPHIN
DRILLING CONTRACTOR	DOLPHIN
RIG TYPE	SEMI-SUBMERSIBLE
K.B. ELEVATION	25.3 m
WATER DEPTH	316.7 m
TOTAL DEPTH	3950.0 mBRT (DRILLER)
TRUE VERTICAL DEPTH	3945.2 mTVD (DRILLER)
SPUD DATE	28th OCTOBER 1996
T.D. REACHED	23rd DECEMBER 1996
OFF LOCATION	3rd JANUARY 1997
STATUS	PLUGGED AND ABANDONED, OIL SHOWS.

HOLE/CASING/MUD/CEMENTING DATA

LOCATION MAP



LIST OF CONTRACTORS

GEOLOGICAL SAMPLES

LITHOSTRATIGRAPHIC TOPS

All measured and TVD depths measured from rotary table. RT. RT-Sea Level (LAT) = 25.3m.

GROUP	FORMATION	Prognosed mMD	Prognosed mTVD	Prognosed mSS	Actual mMD	Actual mTVD	Actual mSS	VERT THICK	Hi-/Lo+	TWT (msec)
RT		0	0	-22	0.0	0.0	-25.3	25.3	-3.3	
Sea Level		22	22	0	25.3	25.3	0.0	316.7	0	0.0
Nordland	Seabed	337	337	315	342.0	342.0	316.7	791.9	1.7	428.6
	Utsira	1067	1067	1045	1035.0	1034.9	1009.6	99.0	-35.4	1061.1
Hordaland	Undifferentiated	1142	1142	1120	1134.0	1133.9	1108.6	597.8	-11.4	1172.7
Rogaland	Balder	1752	1752	1730	1732.0	1731.7	1706.4	38.8	-23.6	1758.6
	Sele				1771.0	1770.5	1745.2	11.5		1793.6
	Lista				1782.5	1782.0	1756.7	138.4		1803.9
	Våle				1921.0	1920.4	1895.1	11.5		1927.7
Shetland	Jorsalfare	1937	1937	1915	1932.5	1931.9	1906.6	292.7	-6.4	1938.0
	Kyrre	2252	2252	2230	2226.0	2224.6	2199.3	882.6	-30.7	2197.0
	Tryggvason				3110.0	3107.2	3081.9	343.8		2811.6
Cromer Knoll	Mime	3227	3227	3205	3454.5	3451.0	3425.7	11.0	220.7	3034.6
Viking	Draupne				3465.5	3462.0	3436.7	118.7		3040.3
	Top Munin sst unit				3488.0	3484.4	3459.1	62.9		3056.1
	Base Munin sst unit				3551.0	3547.3	3522.0			3093.8
	Heather	3597	3597	3575	3584.5	3580.7	3555.4	27.9	-19.6	3115.5
Brent	Undifferentiated	3622	3622	3600	3612.5	3608.6	3583.3	164.2	-16.7	3131.9
Dunlin	Drake	3792	3792	3770	3777.0	3772.8	3747.5	37.8	-22.5	3119.2
	Cook				3815.0	3810.6	3785.3	40.5		3240.8
	Burton				3855.5	3851.1	3825.8	18.4		3262.4
	Amundsen				3874.0	3869.5	3844.2	38.4		3273.3
	Statfjord Formation	3982	3982	3960	3912.5	3907.9	3882.6	37.3	-77.4	3294.2
Total Depth		4012	4012	3990	3950.0	3945.2	3919.9		-70.1	3312.0

SIDEWALL CORE SUMMARY SHEET

WIRELINE LOGGING

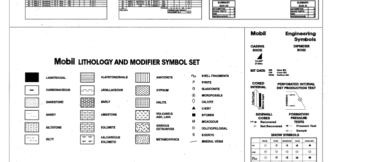
SCHLUMBERGER TOOL COMBINATION	DATE RUN	RUN No.
PI/DSI/MSFL/LDL/CNL/GPIT/EDAC/GR/AMS	12 NOV 1996	1A
PI/DSI/MSFL/LDL/CNL/GPIT/EDAC/GR/AMS	02 DEC 1996	2B
CST/GR	03 DEC 1996	2A
FMS/AIT/LDT/CNL/MSFL/GR/AMS	23 DEC 1996	3A
CMR/DSI/NGT/AMS	24 DEC 1996	3B
VSP (WSC)	24 DEC 1996	3C
MDT/GR	25 DEC 1996	3D
RFT/GR	26 DEC 1996	3E
CST/GR	27 DEC 1996	3F

RFT RESULTS

CONTRACTOR - SCHLUMBERGER

TEST No.	DEPTH mRKB	DEPTH mTVD	MUD HYDROSTATIC (psia)	FORMATION PRESSURE (psia)	FORMATION PRESSURE (kPA)	TEMP (°C)	COMMENTS
RUN 3D, MDT/GR							
1	3493.0	3489.4	7384	38.4	264.8	103.7	Dry Test
2	3493.5	3489.9	7363	529.0	3647.3	107.8	Dry Test
3	3549.9	3546.1	7502	341.0	2351.1	109.0	Dry Test
	3549.9	3546.1	-	-	-	-	Sample - Packer Leaking
4	3550.0	3546.3	7467	7121.1	49098.1	111.2	Good
5	3550.2	3546.5	7463	7016.8	48366.6	-	Good
6	3550.2	3546.5	7446	6997.0	48242.5	-	Good
			7446	6745.0	46505.0	114.3	Sample
7	3622.0	3618.1	7537	?	-	114.6	Supercharged?
8	3622.0	3618.1	7617	7057.5	48658.6	114.8	Good?
9	3622.1	3618.2	7557	7049.0	48601.0	114.8	Sample
RUN 3E, RFT/GR							
1	3493.0	3489.4	7359.0	6975.8	48097.0	-	Good

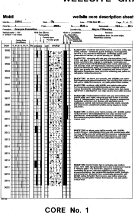
LITHOLOGY AND MUDLOG SYMBOL KEY



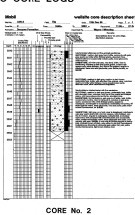
CHRONO/LITHO STRATIGRAPHY	GAMMA RAY	DEPTH AND LITH	RESISTIVITY	SONIC	LITHOLOGY DESCRIPTION
SYSTEM / SERIES / STAGE / GROUP / FORMATION / MEMBER	GR(API) 0–150; SGRC(AAPI) 0–150; BS(ins) 6.00–26; CALS(ins) 6.00–26		AT30(ohmm) 0.20–20; AT60(ohmm) 0.20–20; AT90(ohmm) 0.20–20; MSFL(ohmm) 0.20–20; IMPH(ohmm) 0.20–20; IDPH(ohmm) 0.20–20; SEMP(ohmm) 0.20–20; SESP(ohmm) 0.20–20; SEDP(ohmm) 0.20–20	DTCO(dt) 240–40	

Driller's TD 3950.0 mMD, 3945.2 mTVD
Logger's TD 3953.0 mMD, 3948.2 mTVD

WELLSITE GRAPHIC CORE LOGS



CORE No. 1



CORE No. 2

Log drawn entirely using Pierre™ from the Cambrian Group

Mobil

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