

WELL NO : 31/2-1

OPERATOR: SHELL

COORDINATES: 60 DEG.46'19.16" N
03 DEG.33'15.87" E

SPUD CLASSIFICATION : WILDCAT

SEISM. LOC.:

COMPL. CLASSIFICATION: OIL/GASS DISC. SUSP. FOR TESTING

LICENSEE : STATOIL SHELL GR.

FORMATION AT TD : TRIASSIC

LICENSE NO : 054

PRODUCING FORMATION : JURASSIC SANDSTONE

PERMIT NO : 219

TOTAL DEPTH (MSL) : 2409 M

RIG : BORGNY DOLPHIN

WATER DEPTH : 324 M

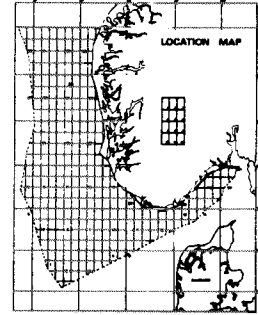
CONTRACTOR : DOLPHIN SERVICES

ELEVATION KB : 24 M

BOTTOM HOLE TEMPERATURE: 65 °C

SPUD DATE : 17.07.79

COMPL. DATE: 09.11.79



REMARKS:

CASINGS AND LEAK-OFF TESTS

TYPE	CASING DIAM. inches	DEPTH BELOW KB m	HOLE DIAM. inches	DEPTH BELOW KB m	L.O.T MUD EQV. g/cm3
CONDUCTOR	30	423	36	471	
SURF. COND.	20	793	26	807	
INTERM.	13 3/8	1308	17 1/2	1323	
INTERM.	9 5/8	2061	12 1/4	2074	
INTERM.			8 1/2	2433	

CONVENTIONAL CORES

CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1	1450.0 - 1453.5	3.1	90
2	1454.0 - 1456.4	1.4	60
3	1456.6 - 1465.6	9.0	100
4	1465.6 - 1474.6	9.0	100
5	1474.6 - 1488.0	11.0	82
6	1488.0 - 1507.6	5.5	27
7	1514.0 - 1523.6	7.9	83
8	1523.6 - 1532.7	9.1	100
9	1533.0 - 1542.0	8.8	98
10	1542.0 - 1560.0	17.1	95
11	1560.0 - 1577.4	17.4	100
12	1577.4 - 1595.5	18.1	100
13	1595.5 - 1613.5	18.0	100
14	1613.5 - 1617.5	3.1	78
15	1617.5 - 1634.5	15.6	94
16	1634.5 - 1638.4	3.7	87
17	1638.4 - 1654.3	13.6	98
18	1652.3 - 1668.8	10.6	64

MUD PROPERTIES

DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
790	1.08	46	6.0	
1027	1.26	48	6.0	
1230	1.31	65	6.0	
1323	1.38	52	6.9	
1488	1.34	55	4.0	
1981	1.38	59	6.8	
2074	1.33	54	4.5	

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
GR	350 - 426	X	X
ISF/SONIC	793 - 1322	X	X
ISF/SONIC	1310 - 1704	X	X
ISF/SONIC	1550 - 2070	X	X
ISF/SONIC	2063 - 2432	X	X
BHC/SONIC	426 - 479	X	X
LSS/GR	793 - 1321	X	X
LSS/GR	1310 - 2070	X	X
FDC/CNL	426 - 575	X	X
FDC/CNL	793 - 1324	X	X
FDC/CNL	1310 - 1703	X	X
FDC/CNL	1550 - 2070	X	X
FDC/CNL	2063 - 2432	X	X
DLL/MSFL	1310 - 1536	X	X
DLL/MSFL	1310 - 1703	X	X
MRSL	1310 - 1380	X	X
BGT	426 - 798	X	X
BGT	794 - 1324	X	X
CDM	1310 - 2070	X	
CDM	2063 - 2432	X	
CDM ap	1315 - 2070	X	X
CDM ap	2063 - 2432	X	X
CDM pp	1316 - 2070		
CBL/VDL	334 - 1310	X	X
CBL/VDL	344 - 2036	X	X
CBL/VDL	500 - 1632	X	X
Velocity	426 - 2432	1/1000	X
Mud	360 - 2432		X

DRILL STEM TESTS

TEST NO	FLOW NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY						PRESS. (psi)	
				OIL Sm ³ /day	GAS M Sm ³ /day	OIL GRAV. g/cm ³	GAS GRAV. rel. air	GOR m ³ /m ³	OTHER FLUIDS/ REMARKS	FSIP	FFP
		NONE									

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	480 - 2433	450
WET SAMPLES	480 - 2433	360

GEOLOGICAL TOPS

WELL 31/2-1

	Depth m (RKB)
Nordland Group	
Hordaland Group	
Rogaland Group	1148
Balder Fm	1148
Sele Fm	1250
Cromer Knoll Group	1405
Viking Group	1414
Draupne Fm	1414
Sognefjord Fm	1440
Heather Fm	1531
Fensfjord Fm	1594
Krossfjord Fm	1741
Heather Fm	1880
Brent Group	1887
Ness Fm	1887
Etive Fm	1925
Rannoch Fm	1934
Dunlin Group	1985
Drake Fm	1985
Cook Fm	2093
Amundsen Fm	2134
Johansen Fm	2176
Amundsen Fm	2273
Statfjord Fm	2293
Hegre Group	2381
	TD = 2433

THE LITOLOGICAL LOG FOR THIS WELL CAN BE FOUND IN
WDSS VOL. 10