

WELL NO : 34/4-1

OPERATOR: SAGA

COORDINATES: 61 DEG. 32' 49.23" N
02 DEG. 16' 23.66" E

SPUD CLASSIFICATION : WILDCAT

SEISM. LOC.:

COMPL. CLASSIFICATION: P&A. OIL DISCOVERY

LICENSEE : STATOIL/SAGA/AMOCO

FORMATION AT TD : TRIASSIC

LICENSE NO : 057

PRODUCING FORMATION : L. CRETACEOUS

PERMIT NO : 217

TOTAL DEPTH (MSL) : 2936 M

RIG : BYFORD DOLPHIN

WATER DEPTH : 375 M

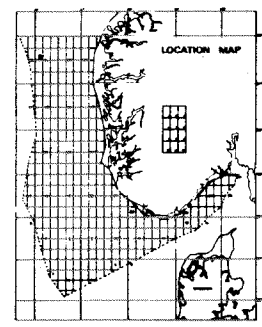
CONTRACTOR : DOLPHIN SERVICES A/S

ELEVATION KB : 25 M

BOTTOM HOLE TEMPERATURE: 82 °C

SPUD DATE : 11.07.79

COMPL. DATE: 08.12.79



REMARKS: THE BOREHOLE WAS DRILLED TO 2955 M. PLUGGED BACK AND SIDETRACKED FROM 2416 M TO 2916 M. NO LOGS WERE RUN IN ORIGINAL HOLE BELOW 2494 M.

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	521	36	521	
SURF. COND.	20	830	26	845	1.68
INTERM.	13 3/8	1975	17 1/2	1991	1.94
SIDETRACK					
INTERM. LINER	9 5/8	2499	12 1/4	2515	1.84
	7	2703	8 1/2	2916	

CONVENTIONAL CORES			
CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1		0	0
2	2509.2 - 2513.0	1.3	35
3	2516.0 - 2431.8	15.8	100
4	2531.8 - 2541.4	8.0	83
5	2541.4 - 2557.0	2.7	17
6	2557.0 - 2565.5	6.0	71
7	2570.8 - 2589.8	19.0	100
8	2589.8 - 2608.8	19.0	100
9	2608.8 - 2615.3	5.9	91
10	2615.3 - 2617.6	2.0	87
11	2665.0 - 2674.8	9.6	98

MUD PROPERTIES				
DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
860	1.15	42	15.8	
1100	1.25			
1275	1.27	40	14.2	
1300	1.32			
1570	1.38	49	9.0	
1810	1.48			
1925	1.58	60	9.2	
2000	1.65	56	15.0	
2080	1.77	46	6.2	
2360	1.78	50	5.8	
2370	1.78	50	5.8	
2512	1.78	54	9.0	LOST 150 BBLS TO FORMATION LOST 270 BBLS TO FORMATION
2565	1.72	52	6.8	
2795	1.76	55	6.8	
2900	1.77	59	4.6	

AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
GR	397 - 521	X	X
ISF/SONIC	521 - 844	X	X
ISF/SONIC	830 - 1988	X	X
ISF/SONIC	1975 - 2494	X	X
ISF/SONIC	1975 - 2522	X	X
ISF/SONIC	2499 - 2670	X	X
ISF/SONIC	2499 - 2914	X	X
FDC/CNL	2390 - 2519	X	X
FDC/CNL	2500 - 2671	X	
FDC/CNL	2499 - 2916	X	X
DLL/GR	2499 - 2911	X	X
MSFL/GR	2400 - 2518	X	X
GR/SPECTR	2499 - 2916	X	
CDM	1976 - 2493	X	
CDM	2499 - 2899	X	
CDM ap	1981 - 2492	X	X
CDM ap	2500 - 2918	X	X
CBL	403 - 1975	X	
CBL/VDL	1950 - 2499	X	
CBL/VDL	1500 - 2654	X	X
Velocity	524 - 2914		X
Mud	525 - 2962		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
1		2608 - 2613		-	-	-	-	-	WATER	5497	4003
2		2510 - 2536		238	28460	0.82	0.712	120		5540	5079

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	530 - 2910	580
WET SAMPLES	530 - 2910	580

SHALLOW GAS

DEPTH INTERVAL m	REMARKS
570 - 572	PROBABLE LOW GAS CONTENT IN SANDY SHALE.

GEOLOGICAL TOPS

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	Depth m (RKB)
Nordland Group	
Utsira Fm	1089
Hordaland Group	1211
Rogaland Group	1685
Balder Fm	1685
Lista Fm	1715
Shetland Group	1788
Cromer Knoll Group	2490
Hegre Group	2508
Lunde Fm	2508
Lomvi Fm	2834
Teist Fm	2919 (?)

TD = 2916