

WELL NO : 34/10-9 AND 34/10-9 R

OPERATOR: STATOIL

COORDINATES: 61 DEG. 12'55.34" N  
02 DEG. 15'00.54" E

SPUD CLASSIFICATION : APPRAISAL

SEISM. LOC.: S3D-163 SP 275

COMPL. CLASSIFICATION: SUSP. FOR RE-ENTRY  
RE-ENTRY: P&A. OIL DISCOVERY  
FORMATION AT TD: JURASSIC  
RE-ENTRY: EARLY JURASSIC  
PRODUCING FORMATION: JURASSIC

LICENSEE : STATOIL/HYDRO/SAGA

LICENSE NO : 050

PERMIT NO : 248

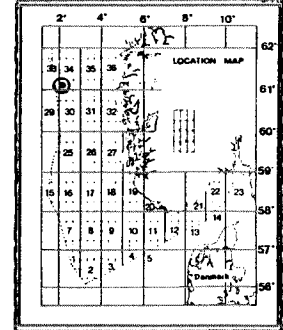
TOTAL DEPTH (MSL) : 2175 M  
RE-ENTRY: 2396 M  
WATER DEPTH : 202 M  
ELEVATION KB : 25 M

RIG : ROSS RIG  
RE-ENTRY: DEEPSEA SAGA  
CONTRACTOR : ROSS DRILLING CO. A/S  
RE-ENTRY: K/S DEEP SEA CO.

BOTTOM HOLE TEMPERATURE: 64 °C/ 77 °C

SPUD DATE : 24.03.80  
RE-ENTRY: 26.05.80  
COMPL. DATE: 09.05.80  
RE-ENTRY: 03.07.80

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	263	36	263	
SURF. COND.	20	805	26	820	1.59
INTERM.	13 3/8	1416	17 1/2	1430	1.70
INTERM.	9 5/8	1692	12 1/4	1697	1.90
LINER	7	2174	8 1/2	2175	1.90
RE-ENTRY					
			6	2399	

CONVENTIONAL CORES

CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1	1800.0 - 1868.0	13.5	75
2	2089.0 - 2094.0	4.2	84
3	2094.0 - 2112.0	15.5	86
4	2112.0 - 2130.0	17.4	97
5 (1)	2400.0 - 2400.5	0.4	74
6 (2)	2400.5 - 2405.5	3.7	74

MUD PROPERTIES

DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
350	1.04			
650	1.10			
825	1.09			
1050	1.20			
1275	1.30			
1490	1.55			
1577	1.65			
1630	1.67			
1715	1.80			
1755	1.82			
1820	1.80			
RE-ENTRY				
2225	1.69	54	4.1	

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
ISF/SONIC/GR	218 - 2201		X
ISF/SONIC/GR	218 - 842	X	
ISF/SONIC/GR	832 - 1450	X	
ISF/SONIC/GR	1442 - 1723	X	
ISF/SONIC/GR	1718 - 1850	X	
ISF/SONIC/GR	1718 - 2201	X	
FDC/GR	831 - 1456	X	X
FDC/GR	1422 - 1725	X	X
FDC/CNL/GR	832 - 2202		X
FDC/CNL/GR	1718 - 2202	X	
DLL/MSFL/GR	1822 - 2203	X	X
CDM	1718 - 2202	X	
CDM-AP	1721 - 2203	X	X
CBL/GR	712 - 1718	X	X
CBL/GR	1572 - 2206	X	
RFT	TESTS 1 - 5	X	
RFT	TEST 2 - 3	X	
RFT	TEST 14	X	
RFT	TEST 18 - 32	X	
RE-ENTRY			
ISF/SONIC/GR	2202 - 2427	X	X
FDC/CNL/GR	2202 - 2429	X	X
CDM	2202 - 2428	X	X
CDM-AP	2204 - 2429	X	X
CBL/VDL/GR	1800 - 2124	X	
Mud	2199 - 2421		X
Velocity	218 - 2427	1:1000	X

DRILL STEM TESTS												
TEST NO	FLOW NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY						PRESS. (psi)		
				OIL Sm <sup>3</sup> /day	GAS M Sm <sup>3</sup> /day	OIL GRAV. g/cm <sup>3</sup>	GAS GRAV. rel. air	GOR m <sup>3</sup> /m <sup>3</sup>	OTHER FLUIDS/REMARKS	FSIP	FFP	
1	1	2078 - 2084	19.1							RECOVERED 0.7 Sm <sup>3</sup> OF FLUID.	4758	3191
2	2	2059 - 2065	9.5	35.3	2.715	0.854		77.0		SLUGGING	4600	2125
2A		2059 - 2065	9.5	751.4	48.428	0.847		64.5		PLUGGED SANDSCREEN	4792	4628
3	1	1879 - 1885	12.7	727.2	42.480	0.866		62.0			4505	4305

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	290 - 2175	290
(RE-ENTRY)	2175 - 2401	73
WET SAMPLES	290 - 2175	290
(RE-ENTRY)	2175 - 2401	73

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE

**GEOLOGICAL TOPS**

**WELL : 34/10-9**

	Depth m (RKB)
Nordland Group	
Utsira Fm	805 (?)
Hordaland Group	
Rogaland Group	1510
Balder Fm	1510
Lista Fm	1575
Shetland Group	1697
Brent Group	1833
Ness Fm	1833
Etive Fm	1837
Rannoch Fm	1867
Broom Fm	1945
Dunlin Group	1957
Drake Fm	1957
Cook Fm	2083
Burton Fm	2136
Amundsen Fm	2237
Statfjord Fm	2375

TD = 2421