

WELL NO : 2/1-3

OPERATOR: BP

COORDINATES: 56 DEG. 54' 41.39" N  
03 DEG. 06' 30.39" E

SPUD CLASSIFICATION : WILDCAT  
COMPL. CLASSIFICATION: P&A. OIL DISCOVERY

SEISM. LOC.: 2-109 SP. 782

FORMATION AT TD : PERMIAN  
PRODUCING FORMATION : JURASSIC

LICENSEE : STAT/BP/CONOCO

TOTAL DEPTH (MSL) : 4267 M

LICENSE NO : 019

WATER DEPTH : 66 M

PERMIT NO : 229

ELEVATION KB : 30 M

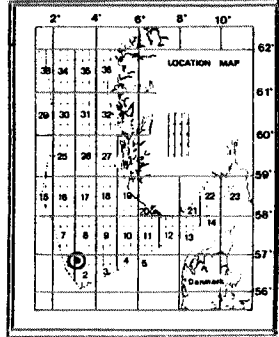
RIG : SEDCO H

SPUD DATE : 03.11.79

CONTRACTOR : SEDCO

COMPL. DATE: 29.03.80

BOTTOM HOLE TEMPERATURE: 147 °C



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	139	36	143	
SURF. COND.	18 5/8	595	24	608	1.81
INTERM.	13 3/8	1899	17 1/2	1910	1.92
INTERM.	9 5/8	3558	12 1/4	3566	2.00
LINER	7	3935	8 1/2	4267	

CONVENTIONAL CORES			
CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1	3823.0 - 3832.2	9.5	100
2	3838.0 - 3855.0	17.0	96
3	3856.4 - 3875.0	5.8	31
4	3875.0 - 3893.5	18.5	100

MUD PROPERTIES				
DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
143	1.04			
485	1.09			
812	1.22			
1005	1.23			
1231	1.27			
1392	1.29	45	10.0	
1440	1.36	47	10.0	
1570	1.44	46	9.8	
1805	1.51	49	7.0	
2068	1.58	44	11.2	
2450	1.60	49	9.8	
2905	1.63	53	6.4	
3670	1.65	43	5.4	
3900	1.68	52	4.0	
4253	1.69	57	4.6	

AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
IEL/BHC/GR/AC	30 - 635	X	X
IEL/BHC/GR/AC	550 - 1829	X	X
IEL/BHC/GR/AC	1800 - 3595	X	X
IEL/BHC/GR/AC	3525 - 3922	X	X
IEL/BHC/GR/AC	3585 - 4273	X	X
CDL/CNL/GR	3538 - 3924	X	X
CDL/CNL/GR	3937 - 4270	X	X
DLL/MLL	3587 - 3940	X	X
CDM	3587 - 4221	X <sup>1</sup>	X <sup>1</sup>
CDM-AP	3587 - 4221	X <sup>1</sup>	X <sup>1</sup>
CBL/VDL/GR	3395 - 3927	X	
FMT	4B	X	
FMT	7D	X	
FMT	10E	X	
FMT	10F	X	
TEMP	95 - 673	X	X
TEMP	125 - 2250	X	X
Caliper	625 - 1825	X	X
Mud	96 - 4297	X	X
Velocity	30 - 4273	1/1000	X

<sup>1</sup> Both scales on same log.

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		3833.1-3842.2	15.9	226	18.689	0.820		150			7920	2433
2		3808.6-3814.7	12.7	1051	54.991	0.830		116			8402	7630
3		3789.2-3795.2	12.7	933	39.077	0.835		108			8376	7340

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	180 - 4296	608
WET SAMPLES	180 - 4296	793

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE

# GEOLOGICAL TOPS

WELL : 2/1-3

	Depth m (RKB)
Nordland Group	
Utsira Fm	
Hordaland Group	1750
Rogaland Group	2798
Balder Fm	2798
Sele Fm	2845
Lista Fm	2910
Maureen Fm eqv.	2987
Chalk Group	3062
Ekofisk Fm	3062
Tor Fm	3153
Hod Fm	3422
Plenus Marl Fm	3519
Hidra Fm	3524
Cromer Knoll Group	3534
Rødby Fm	3534
Valhall Fm	3607
Tyne Group	3791
Mandal Fm	3791
Vestland Group	3820
Ula Fm	3820
Farsund Fm	3874
Haugesund Fm	3898
Ula Fm	3966
Bryne Fm	3990
Gassum Fm	4015
Triassic	4101 ?
Skagerak Fm	4101 ?
Permian	4219
Zechstein	4219

TD = 4297