

WELL NO : 2/7-14

OPERATOR: PHILLIPS

COORDINATES: 56 DEG. 29' 20.30" N
03 DEG. 14' 02.65" E

SPUD CLASSIFICATION : APPRAISAL

SEISM. LOC.: PS 562915 SP 116

COMPL. CLASSIFICATION: P&A. OIL DISCOVERY

FORMATION AT TD : L. CRETACEOUS

LICENSEE : PHILLIPS GR.

PRODUCING FORMATION : TERTIARY/CRETACEOUS

LICENSE NO : 018

TOTAL DEPTH (MSL) : 3365 M

PERMIT NO : 221

WATER DEPTH : 71 M

ELEVATION KB : 25 M

RIG : HAAKON MAGNUS

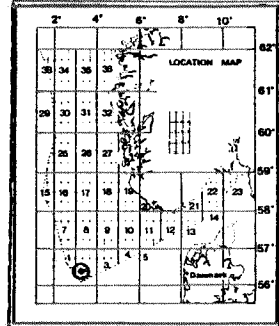
SPUD DATE : 09.08.79

CONTRACTOR : VIKING OFFSHORE

COMPL. DATE: 20.01.80

BOTTOM HOLE TEMPERATURE: 110 °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	123	36	126	
SURF. COND.	20	340	26	354	1.42
INTERM.	13 3/8	1501	17 1/2	1516	2.08
INTERM.	9 5/8	3043	12 1/4	3053	1.66
LINER	7	3345	8 1/2	3365	

CONVENTIONAL CORES

CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1	3121.1 - 3138.8	15.2	86
2	3138.8 - 3157.1	13.4	73
3	3157.1 - 3162.9	3.0	53
4	3162.9 - 3169.9	7.0	100
5	3169.9 - 3184.6	13.4	92
6 ¹	3184.6 - 3193.1	2.1	25
7	3193.1 - 3212.3	11.6	60
8	3212.3 - 3230.9	5.8	31
9	3230.9 - 3239.1	8.2	100
10 ¹	3239.1 - 3248.3	8.8	97
11 ¹	3273.0 - 3291.3	14.3	78
12	3291.3 - 3297.6	5.8	90
13	3297.6 - 3305.9	8.2	100

¹ NPD does not necessarily have total recovered interval in storage.

MUD PROPERTIES

DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
79	1.02			
354	1.04			
799	1.14	30		
1195	1.18	32		
1516	1.23	35		
1720	1.56	47	4.9	
1973	1.66	47	5.2	
2275	1.69	49	5.2	
3053	1.64	42	8.0	
3096	1.58	44	4.4	
3280	1.59	59	3.0	

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
ISF/SONIC/GR	61 - 1541	X	X
ISF/SONIC/GR	1527 - 3081	X	X
ISF/SONIC/GR	3075 - 3383	X	X
FDC/CNL	3074 - 3383	X	X
CNL	2894 - 3354	X	X
DLL/MSFL	3074 - 3383	X	X
TEMP	2304 - 3341	X	
CDM	3074 - 3383	X	
CDM-FIL	3074 - 3383	X	
CDM-AP	3075 - 3382	X	X
CBL	92 - 2877	X	X
CBL	2134 - 3027	X	
CBL	2896 - 3356	X	
CBL/VDL	3067 - 3341	X	
CBL/VDL	2894 - 3354	X	
CBL/VDL	2896 - 3328	X	
CBL/GR	2896 - 3356	X	
CBL/GR	2894 - 3354	X	
Velocity	365 - 3383		X
Mud	381 - 3390		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		3321.7-3324.8	25.4							21 Sm ³ /day FORMATION FLUID	7001	4759
2		3236.4-3254.7		227	31.432	0.874	0.82	139		1445 Sm ³ /day WATER	6663	5760
3		3200.7-3210.2		-	58.616	-	-	-		401 Sm ³ /day WATER	5357	3325
4		3164.5-3186.4		553	86.367	0.852	0.682	239			5646	
5		3125.5-3143.7		76	14.368	0.861	0.697	190			5400	2387

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	379 - 3386	400
WET SAMPLES	375 - 3386	463

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE

GEOLOGICAL TOPS

WELL : 2/7-14

	Depth m (RKB)
Nordland Group	
Hordaland Group	1655
Rogaland Group	3004
Balder Fm	3004
Sele Fm	3019
Chalk Group	3146
Ekofisk Fm	3146
Tor Fm	3260

TD = 3690