

Well no : 2/11-06 Operator : AMOCO

Coordinates : 56 10 35.50 N UTM coord. : 6225959 N
 03 27 36.72 E 528572 E

Licence no : 033 Permit no : 305

Rig : SEDCO 703

Contractor : SEDCO INC.

Bottom hole temperature : 99 deg.C Elev. KB : 26 M

Spud. date : 81.09.03 Water depth : 72 M

Compl. date : 82.02.28 Total depth : 4076 M

Spud. class : APPRAISAL Form. at TD : E.CRET.

Compl. class : SUSP. OIL DISCOVERY Prod. form :

Seisloca : ANO 75 - 13 SP. 333

LICENSEES

 25,000 AMERADA HESS (NORWAY) LIMITED
 25,000 AMOCO NORWAY OIL COMPANY
 25,000 NORWEGIAN OIL CONSORTIUM A/S & CO
 25,000 TEXAS EASTERN NORWEGIAN INC.

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm
CONDUCTOR	30	167,0	36	167,0	
SURF.COND.	20	353,0	26	358,0	1,38
INTERM.	13 3/8	1453,0	17 1/2	1461,0	1,90
INTERM.	9 5/8	3593,0	12 1/4	3601,0	1,97
LINER	7	4072,0	8 1/2	4076,0	

STOCK PIPE AFTER 3790 M, PLUGGED AND SIDETRACKED FROM 3630 M.

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	3693.0 - 3702.0	4.2	46.7	L. CRETACEOUS
2	3702.0 - 3709.5	5.1	68.0	L. CRETACEOUS
3	3709.5 - 3715.5	2.7	45.0	L. CRETACEOUS
4	3715.5 - 3720.0	2.7	60.0	L. CRETACEOUS
5	3720.0 - 3724.5	3.7	82.2	L. CRETACEOUS
6	3724.5 - 3733.0	4.1	48.2	L. CRETACEOUS
7	3733.0 - 3741.0	7.1	88.8	L. CRETACEOUS

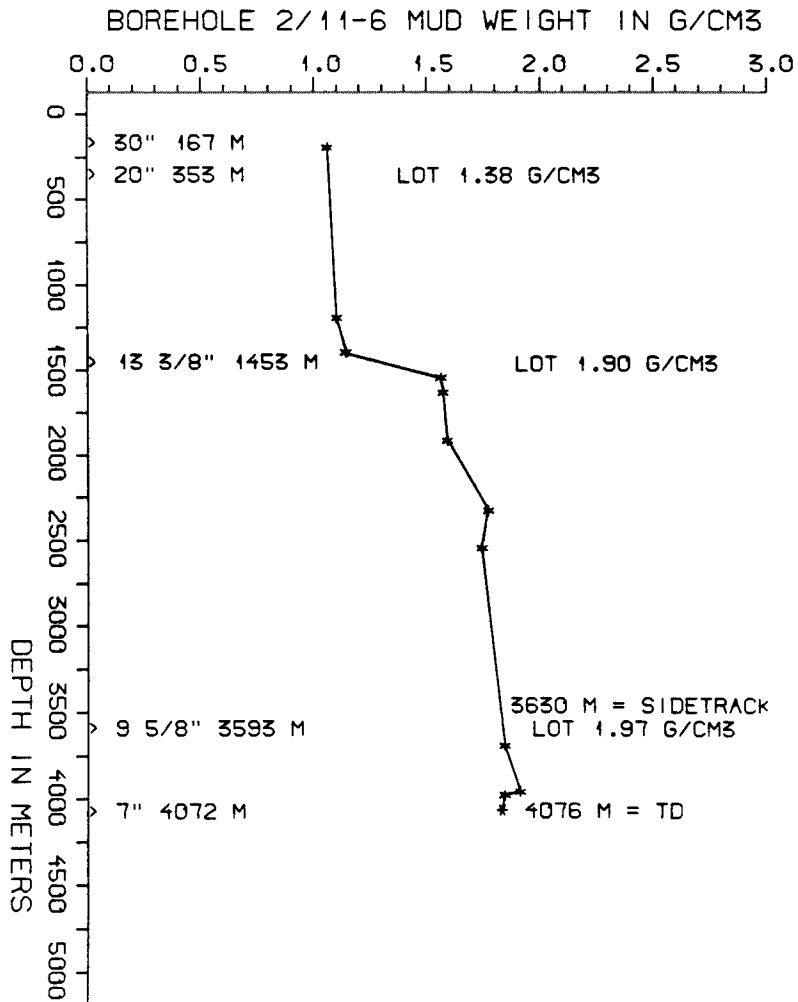
DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm3 /d	GAS M Sm3 /d	OIL GRAV. g/cm3	GAS GRAV. rel. air	GOR m3/m3	FBHF	WHP
			1	3875 - 3900	3.20	364	38.5		
2	3685 - 3706	7.9	223	23.6	0.863	0.714	105.8		
	3713 - 3735	19.05	779	100.9			129.5		
		19.05	921	87.2			94.6		

AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
ISF BHC GR	167 - 356	x	x
DIS LSS	352 - 694	x	x
DIS LSS	1451 - 3600	x	x
DIS LSS	3589 - 3790	x	x
DIS BHC NGT	3589 - 4076	x	x
LDL CNL	3589 - 3791	x	x
LDL CNL	3589 - 4077	x	x
GR	85 - 1420		x
CDM	3589 - 4079	x	
CDM AP	3592 - 4077	x	x
RFT	3589 - 3952	x	
TEMPERATURE	3440 - 4028	x	x
WAVEFORM	3589 - 3789	x	
NGT	3589 - 4076	x	x
CBL VDL	353 - 1408	x	
CBL VDL	950 - 3552	x	
CBL VDL	3386 - 4038	x	x
MUD	110 - 4076		x
VELOCITY	352 - 4076		x
(Two Way Travel Time, 10 cm/s, (Correlated Synthetic Seismogram Display.			1stk) 1stk)

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm ³	FUNNEL VISC. sec	FILTRATE LOSS cm ³
130	1.03	140	
1125	1.07	64	
1325	1.11	34	
1475	1.53	53	
1565	1.54	70	
1850	1.56	68	
2260	1.74	70	
2475	1.71	57	
3630	1.81	83	
3900	1.88	94	
3920	1.81	90	

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS		
WET SAMPLES	180 - 3970	490

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
529	POSSIBLE SMALL



WELL HISTORY - 2/11-6

GENERAL :

Well 2/11-6 was drilled to assess the reservoir potential of the Late Cretaceous carbonates of the Tor and Hod formations. The well was drilled through a 12 slot template located between the two structures comprising the Hod Field. The well was drilled to be a potential future producer.

OPERATIONS :

Well 2/11-6 was spudded 03.09.81 by the drilling rig "Sedco 703". The drilling of the 36" section went forth without incident. Pipe stuck at 290.5 m in the 26" section which was drilled with a 17 1/2" pilot hole. The pipe was freed and casing set. Various technical problems occurred when drilling out of the 20" casing. During operations in the 12 1/4" section occurred a loss of approx. 3170 BBL's of mud to the formation, both during drilling and running the 9 5/8" casing. It was difficult to increase the deviation angle in this section due to the soft nature of the formation. 7 cores were taken in the 8 1/2" section. Pipe stuck while circulating prior to drilling ahead (3790 m). After several attempts to free the pipe, the fish was left in the hole which was then cemented and sidetracked. This sidetrack was initiated at 3630 m (17/12.1981). Frequent mudlosses occurred throughout this section (604 BBL's). Total depth was finally reached 29/12.1981.

TESTING :

The well was opened on a 6.4 mm choke and flowed for 16 hours before the WHP dropped to zero. After being shut-in the WHP increased to 2915 psig and the well was re-opened. The WHP dropped rapidly. Flow rate during this period is calculated to be 10 Sm³ per day. The well was stimulated with acid before being re-opened for nearly 10 hours. Flow rates from this period can be seen in the table on the previous page. The following build-up lasted nearly 13 hours. 6 sets of bottom hole samples were obtained after the final build-up.

DST 2 included an initial flow for 1140 and a 540 minutes build-up period. This was followed by sampling - four bottom hole samples were obtained. After sampling the well was acidized and opened for an initial flow period of 810 minutes, followed by a shut-in period of 1350 minutes. The well was then flowed again for 617 minutes and shut-in for 270 minutes. The well was again opened for flow (540 min.) before the final shut-in period of 440 minutes.

GEOLOGICAL TOPS

WELL: 2/11-6

	<i>Depth m (RKB)</i>
<i>Hordaland Group</i>	<i>1792 m</i>
<i>Rogaland Group</i>	<i>3564 m</i>
<i>Chalk Group</i>	<i>3685 m</i>
<i>Tor Fm</i>	<i>3685 m</i>
<i>Hod Fm</i>	<i>3716 m</i>

TD = 4076 m