

Well no : 7/11-07 Operator : PHILLIPS

Coordinates : 57 04 10.80 N UTM coord. : 6325424 N
 02 26 5.04 E 465723 E

Licence no : 018 Permit no : 359

Rig : COD PLATFORM Rig type : PERM. INST.

Contractor : MORCO A/S

Bottom hole temperature : 168 deg.C Elev. KB : 41 M

Spud. date : 82.12.29 Water depth : 78 M

Compl. date : 83.12.25 Total depth : 4927 M

Spud. class : WILDCAT Form. at TD : PERMIAN

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

Seisloca :

LICENSEES

0,399 COPAREX NORGE A/S
 8,094 ELF AQUITAINE NORGE A/S
 0,456 EURAFREP NORGE A/S
 0,304 NORMINOIL A.S
 13,040 NORSK AGIP A/S
 6,700 NORSK HYDRO PRODUKSJON A.S
 30,000 NORSKE FINA A/S
 36,960 PHILLIPS PETROLEUM CO NORWAY
 4,047 TOTAL MARINE NORSK A/S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm ³
CONDUCTOR	30	183,8	36		
SURF.COND.	20	498,0	26		
INTERM.	16	1379,2		1390,0	1,70
INTERM.	13 3/8	3156,0	17 1/2	3158,0	1,80
INTERM.	9 5/8	3492,8	12 1/4	3489,0	1,83
LINER	7	4912,8	8 1/2	4913,0	

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	4548.0 - 4560.0	11.0	91.7	UPPER JURASSIC
2	4560.0 - 4561.3	1.3	100.0	UPPER JURASSIC
3	4561.0 - 4575.0	9.0	64.3	UPPER JURASSIC
4	4575.0 - 4588.0	12.1	93.1	TRIASSIC
5	4588.0 - 4604.0	15.3	95.6	TRIASSIC
6	4604.0 - 4618.3	14.3	100.0	TRIASSIC

DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm ³ /d	GAS M Sm ³ /d	OIL GRAV. g/cm ³	GAS GRAV. rel. air	GOR m ³ /m ³	WHFP	BHFP
			NO PRODUCTION TUBING FAILED - JOB ABANDONED						
1	4850 - 4870	1.6	NO PRODUCTION TUBING FAILED - JOB ABANDONED						
2	4625 - 4789		23		0.82				
3	4550 - 4577								

AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
ISF LSS GR	479 - 1383	X	X
ISF LSS	1377 - 3157	X	X
DIL SLS	3155 - 3491	X	X
DI MSFL LSS NGS	3487 - 4931	X	X
*LDL CNL	3155 - 3406	X	X
LDL CNL	3487 - 4621	X	X
CNL	4343 - 4867	X	
*GR CAL	3155 - 3331	X	X
SHDT/CDM	3487 - 4932	X	
SHDT/AP	3487 - 4932	X	
SHDT/AP	3480 - 3820	1:40	
SHDT/AP	4074 - 4126	1:40	
SHDT/AP	4128 - 4661	1:40	
SHDT/AP	4635 - 4932	1:40	
*NGT SPECTROSCOPY	3155 - 3404	X	X
NGT SPECTROSCOPY	3487 - 4931	X	
NGT	3425 - 4612	X	
RFT	3187 - 3309	X	
RFT	3350 - 3405	X	
RFT	4150 - 4607	X	
RFT	4549 - 4854	X	
SONIC WAVEFORMS	4480 - 4892	X	
MWD	1387 - 3137	5"=100 FT	
CBL VDL	121 - 1376	X	
CBL VDL	2609 - 3470	X	
CBL VDL	3425 - 4909	X	
MUD	1402 - 4927		X
VELOCITY (S.C.L.)	478 - 4931		X

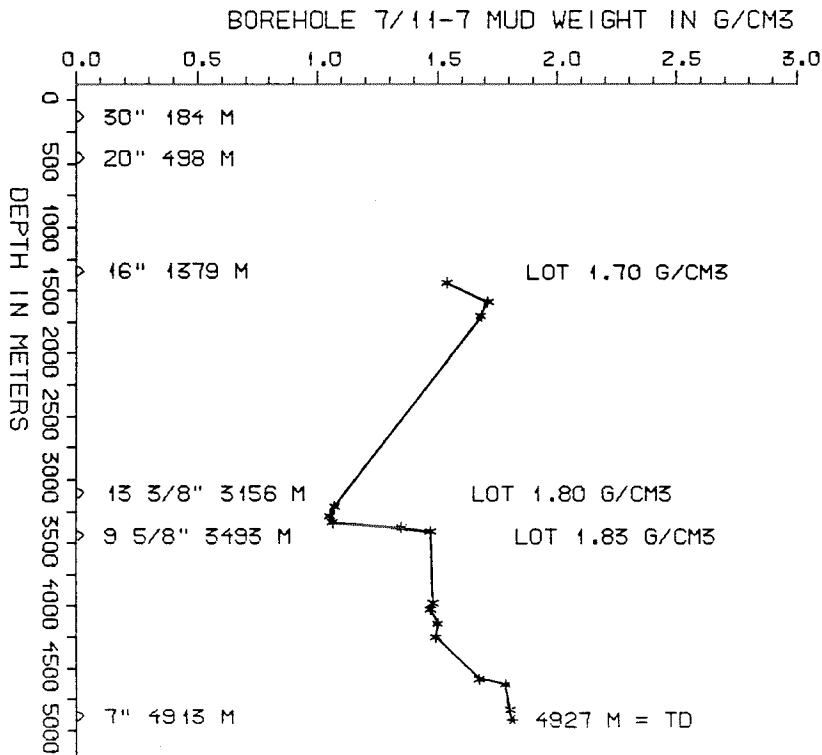
(Geogram Synthetic Seismogram, 5-10 cm/s, nor./rev. polarity, min/zero phase, 4 stk)
(VSP, plot 1-16, n/r pol., stacked data 16 stk)

* - BOTH SCALES ON ONE LOG

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm ³	FUNNEL VISC. sec	FILTRATE LOSS cm ³
1400	1.51	48	
1540	1.68	66	
1645	1.65	66	
3100	1.65	65	
3170	1.04	27	
3230	1.02	54	
3290	1.03	52	
3320	1.32	50	
3340	1.44	54	
3870	1.45	63	
3930	1.44	60	
4175	1.47	55	
4200	1.46	53	
4250	1.45	53	
4540	1.64	58	
4570	1.75	59	
4780	1.77	54	

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	1393-4927	585
WET SAMPLES	1384-4923	756

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE



WELL HISTORY - 7/11-7

GENERAL:

The primary objective of the wildcat 7/11-7 was the Upper Jurassic sandstone surrounding a small salt piercement below the Cod Field. Several discoveries have been made in the vicinity of Cod, in the Upper Jurassic Ula Formation. Three independent production tests were carried out in the Permian, Triassic and Jurassic zones. Although oil flowed at a small rate from the Jurassic test interval, no commercial oil formations were encountered. After the testing was completed the well was temporarily abandoned. Later the well was re-entered and the main Cod Paleocene reservoir interval was tested.

OPERATIONS:

The well was spudded 29.12.82 from the Cod platform, a permanent installation, and was re-entered 29.09.84. Six cores were cut, three in the Upper Jurassic sequence and three in the Triassic. No major problems occurred during drilling. The well was drilled using waterbased mud.

TESTING:

Three DST's were performed. The first test did not produce. During the second test the tubing failed. The fish was not recovered and a cementplug was set. The test in the Jurassic interval produced small amounts of oil and water. The flow was not stabilized and no reliable pressures were measured.

GEOLOGICAL TOPS
WELL 7/11-7

Depth m (RKB)

Rogaland Group	3133,0
Balder Fm	3133,0
Sele Fm	3146,0
Lista Fm	3185,0
Maureen Fm Eqv	3377,0
Chalk Group	3390,0
Ekofisk Fm	3390,0
Tor Fm	3469,0
Hod Fm	3874,0
Plenus Marl Fm	4200,0
Hidra Fm	4208,0
Cromer Knoll Group	4318,0
Rødby Fm	4318,0
Valhall Fm	4360,0
Tyne Group	4403,0
Mandal Fm	4403,0
Farsund Fm	4448,0
Vestland group	4527,0
Ula Fm	4527,0
Triassic	4566,0
Skagerak Fm	4566,0
Zechstein Group	4863,0
TD =	4927,0