

Well no :	35/11-3 S	Operator :	MOBIL
Coordinates :	61° 05' 12.24" N 03° 20' 18.47" E	UTM coord. :	677265611 N 51825703 E
Licence no :	90	Permit no :	611
Rig :	DYVI STENA	Rig type :	SEMI-SUB.
Contractor :	STENA DRILLING A/S	Elev. KB :	25 M
Bottom hole temp:	137 °C	Water depth :	358 M
Spud. date :	89.06.27	Total depth :	4040 M
Compl. date :	89.09.07	Form. at TD	E.JURASSIC
Spud. class :	WILDCAT	Prod.form. :	
Compl. class :	P&A. DRY HOLE		
Seisloca :	MN 88 - 815 SP. 585		

LICENSEES

40,000000	MOBIL DEVELOPMENT NORWAY A.S.
50,000000	DEN NORSKE STATS OLJESELSKAP A.S
10,000000	NORSK HYDRO PRODUKSJON A.S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	498,0	36	499,0	
INTERM.	20	1000,0	26	1013,0	1,42
INTERM.	13 3/8	2040,0	17 1/2	2057,0	1,70
INTERM.	9 5/8	3111,0	12 1/4	3115,0	1,91

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		
		M	%	
1	1987,0 - 1996,0	9,0	100,0	
2	3062,0 - 3086,0	24,0	100,0	
3	3446,0 - 3473,0	27,0	100,0	

MUD

Depth	Mud weight	Visc.	Mud type
400,000	1,03		WATER BASED
1010,000	1,60		WATER BASED
1285,000	1,20	17,0	WATER BASED
1554,000	1,02	21,0	WATER BASED
1761,000	1,20	21,0	WATER BASED
2039,000	1,27	16,0	WATER BASED
2070,000	1,03	15,0	WATER BASED
2120,000	1,30	21,0	WATER BASED
3039,000	1,26	17,0	WATER BASED
3115,000	1,38	17,0	WATER BASED

Depth	Mud weight	Visc.	Mud type
3446,000	1,62	23,0	WATER BASED
3929,000	1,58	25,0	WATER BASED
4040,000	1,40	21,0	WATER BASED
4040,000	1,49	35,0	WATER BASED
4040,000	1,40	20,0	WATER BASED
4040,000	1,58	32,0	WATER BASED

DRILL BIT CUTTINGS AND WET SAMPLES

Sample type	Interval below KB	Number of samples
WET SAMPLES	1020 - 4020	360

SHALLOW GAS

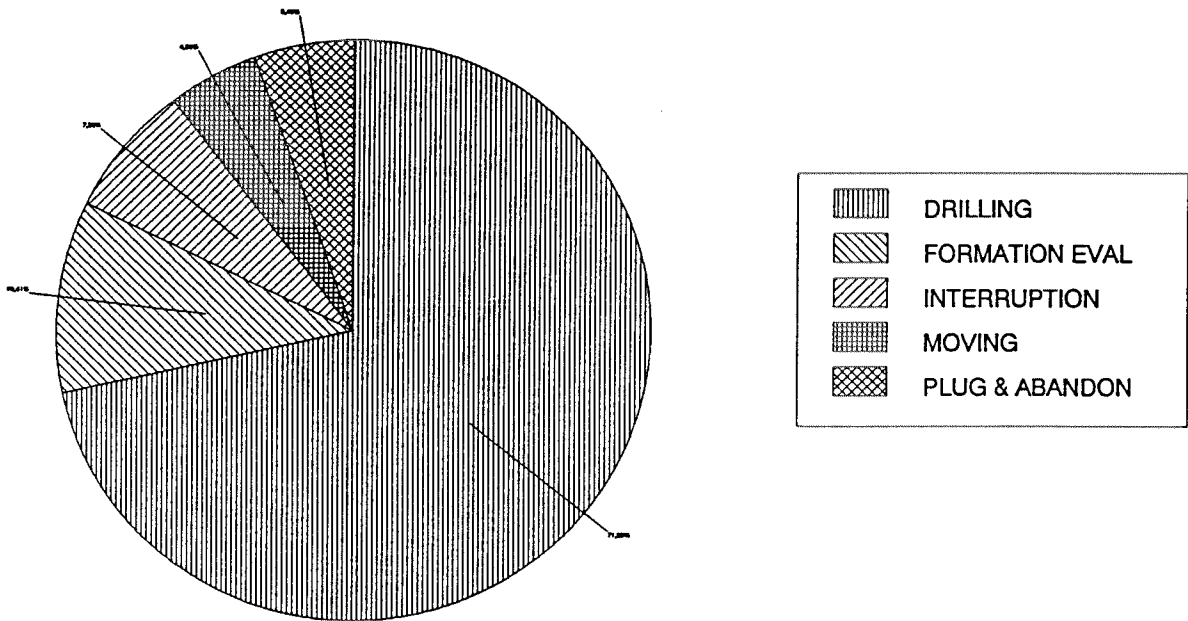
Interval below KB	Remarks
-------------------	---------

AVAILABLE LOGS

Log type	Intervals	1/200	1/500	Div.
AC CBL VDL GR	875,0 - 2038,5	X		
AC CBL VDL GR	1610,0 - 3116,0	X		
CDM	998,0 - 2034,0	X		
CDM	3116,0 - 3715,3	X		
CDM AP	998,0 - 2034,0	X	X	
CDM AP	3116,0 - 3715,0	X	X	
DIFL BHC AC GR	998,0 - 2043,0	X	X	
DIFL BHC AC GR	2038,5 - 3117,0	X	X	
DIFL BHC AC GR	3116,0 - 4042,3	X	X	
CZDL CNL	998,0 - 2034,0	X	X	
CZDL CNL	3116,0 - 4041,3	X	X	
CZDL CNL	3116,0 - 3715,3	X	X	
FMT	2717,2 - 3095,4	X	X	
FMT	3453,0 - 3497,0	X	X	
FMT	3469,0 - 3695,0	X	X	
MWD LOG	502,0 - 4040,0		X	
MUD LOG	1010,0 - 4040,0		X	
VELOCITY LOG	998,0 - 4042,0		X	1:1000
SYNTHETIC SEISMOGRAM	10 cm/s			5
TWO-WAY TRAVEL TIME	10 cm/s			1
VSP, ZERO OFFSET VSP	10 cm/s			1
VSP	10 cm/s			4

Log type	Intervals	1/200	1/500	Div.
VSP, 7:1 MEDIAN TIME,				1.

Daily Drilling Report System (DDRS)
Operations for well: 35/11-3 S



Main operations	Minutes	Hours	% of total
DRILLING	79380	1323,00	71,59
FORMATION EVAL	11760	196,00	10,61
INTERRUPTION	8130	135,50	7,33
MOVING	5520	92,00	4,98
PLUG & ABANDON	6090	101,50	5,49
Total	110880	1848,00	100,00

Operations for well: 35/11-3 S**Main operation: DRILLING**

Sub operations	Minutes	Hours	% of total
BOP ACTIVITIES	4320	72,00	5,44
BOP/WELLHEAD EQ	1350	22,50	1,70
CASING	15420	257,00	19,43
CIRC/COND	720	12,00	0,91
DRILL	33150	552,50	41,76
HOLE OPEN	1770	29,50	2,23
OTHER	2700	45,00	3,40
REAM	480	8,00	0,60
SURVEY	360	6,00	0,45
TRIP	19110	318,50	24,07
Total	79380	1323,00	100,00

Main operation: FORMATION EVAL

Sub operations	Minutes	Hours	% of total
CIRC SAMPLES	60	1,00	0,51
CIRC/COND	180	3,00	1,53
CORE	1770	29,50	15,05
LOG	6210	103,50	52,81
RFT/FIT	1050	17,50	8,93
TRIP	2490	41,50	21,17
Total	11760	196,00	100,00

Main operation: INTERRUPTION

Sub operations	Minutes	Hours	% of total
FISH	4860	81,00	59,78
MAINTAIN/REP	2580	43,00	31,73
OTHER	120	2,00	1,48
WELL CONTROL	570	9,50	7,01
Total	8130	135,50	100,00

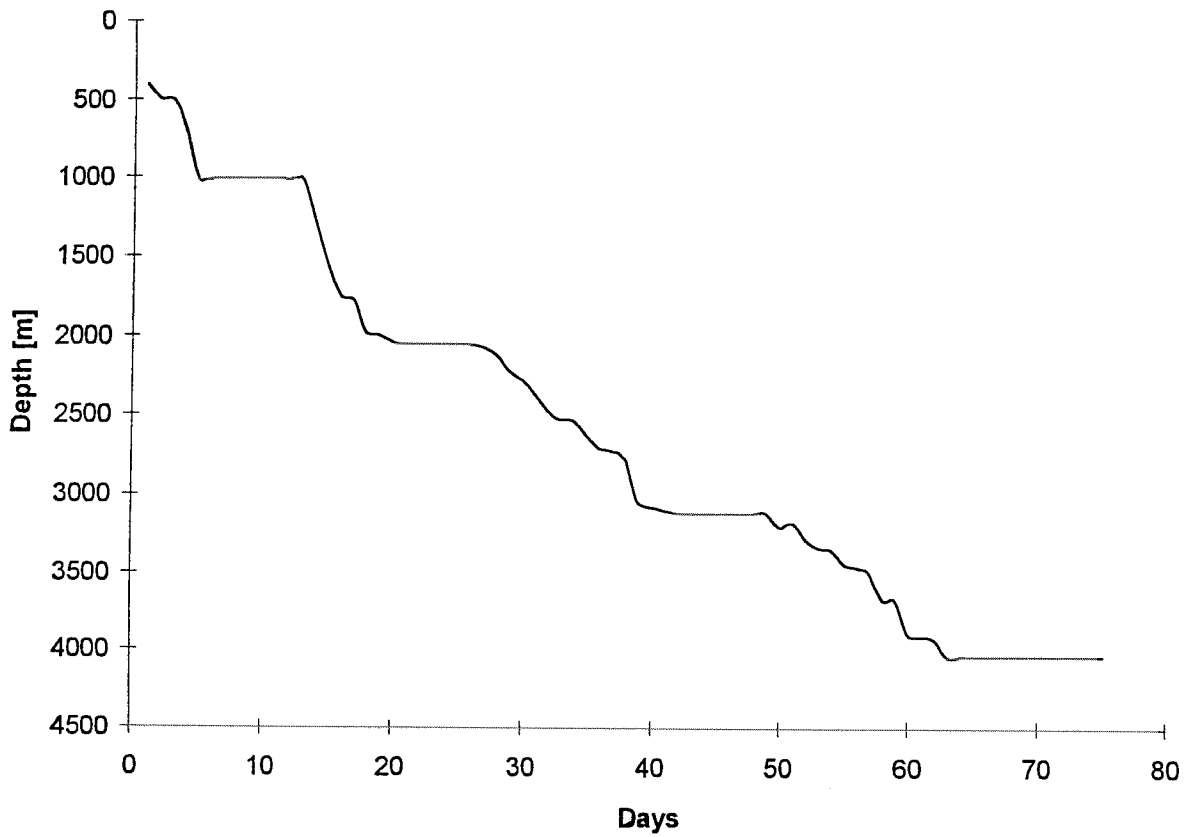
Main operation: MOVING

Sub operations	Minutes	Hours	% of total
ANCHOR	5520	92,00	100,00
Total	5520	92,00	100,00

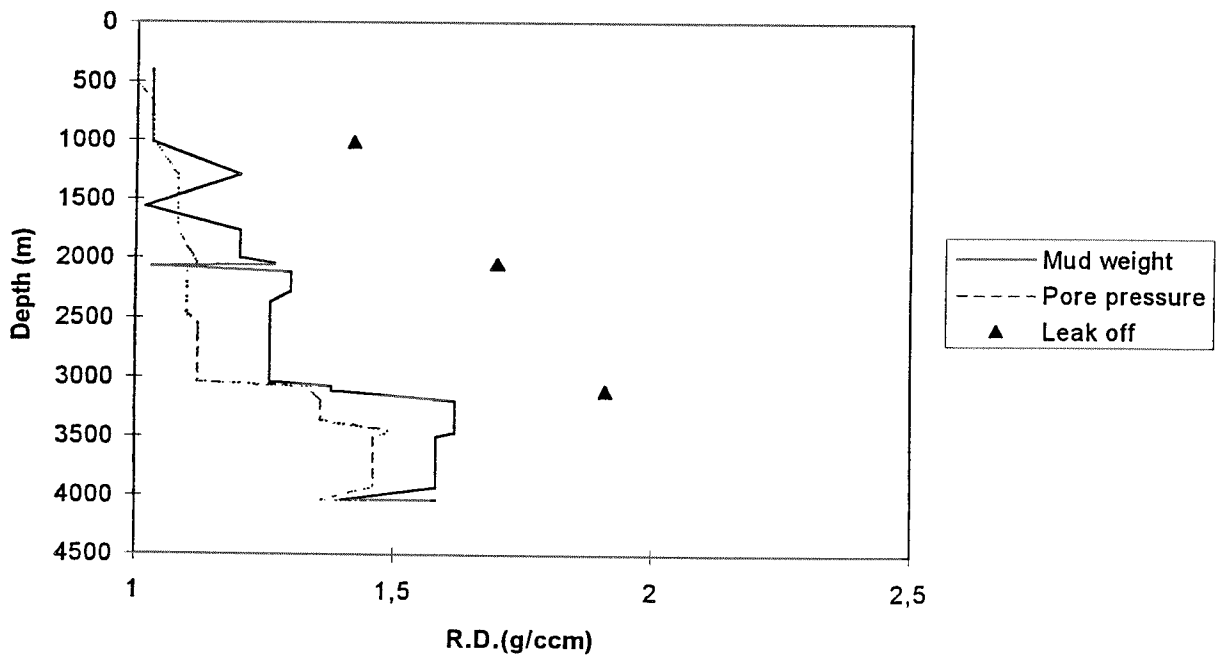
Main operation: PLUG & ABANDON

Sub operations	Minutes	Hours	% of total
CEMENT PLUG	780	13,00	12,81
CUT	570	9,50	9,36
EQUIP RECOVERY	2100	35,00	34,48
TRIP	2640	44,00	43,35
Total	6090	101,50	100,00

Depth vs time for well: 35/11-3 S



Composite plot for well: 35/11-3 S



Well History 35/11-3.

General:

Well 35/11-3 was the third well drilled in block 35/11, and was designed to test multiple deltaic sands in the Middle Jurassic Brent Group. As secondary objectives were the Lower Eocene turbidites and the Paleocene channel fill deposits. Reservoir sands were expected in the Tarbert, Ness, Etive and Oseberg Formations, These were hydrocarbon bearing in the 35/11-2 well. The seismic anomaly at Middle Jurassic level was mapped with a 30.4 sq. km closure, and the expected gross thickness was 220m. The site survey showed no strong indications of shallow gas. It was, however, thought possible that sands within the intervals 479 - 497 m, and 573 - 634 m might be gas charged.

Operations:

Wildcat well 35/11-3 was spudded 27 June 1989 by the semi-submersibel rig Dyvi Stena and completed 9 September 1989 at a depth of 4040 m RKB in rocks of Lower Jurassic age, the Statfjord Formation. No shallow gas was encountered in this well. Drilling proseeded without any significant problems. A total of three conventional cores were cut in the well. No reservoir rocks were encountered in the Lower Eocene succession, but good water wet sands were present in the Paleocene. Good quality sands were penetrated in the Brent Group, but were not hydrocarbon bearing. Good oil shows occured in limestones of the Lower Cretaceous. There was a significant gas peak associated with oil shows in the Sognefjord Formation. In the Brent - and Dunlin Groups only poor shows were observed. There were no shows in the Statfjord Formation. The well was plugged and abandoned as a dry well.

Testing:

No DST tests were performed in this well.

Geological Tops.

Well: 35/11-3 S.

	Depth m (RKB).
Nordland Group	383.0
Utsira Fm	789.0
Hordaland Group	866.0
Rogaland Group	1728.0
Balder Fm	1728.0
Sele Fm	1786.0
Lista Fm	1871.0
-intra Lista sand (Hermod Fm)	1905.0
Lista Fm	1997.0
Våle Fm	2042.0
Shetland Group	2063.0
Jordsalfare Fm	2063.0
Kyrre Fm	2227.0
Cromer Knoll Group	2716.0
Rødby Fm	2716.0
Åsgard Fm	2747.0
Mime mb	2803.0
Viking Group	2821.0
Draupne Fm	2821.0
Sognefjord Fm	3081.0
Heather Fm	3096.0
Brent Group	3431.0
Tarbert Fm	3431.0
Ness Fm	3470.0
Etive Fm	3528.0
Rannoch Fm	3538.0
Oseberg Fm	3573.0
Dunlin Group	3640.0
Drake Fm	3640.0
Cook Fm	3693.0
Amundsen Fm	3764.0
Johansen Fm	3794.0
Amundsen Fm	3870.0
Statfjord Fm	3970.0
T.D. (DD).	4040.0