

Well no :	2/8-12 S	Operator :	AMOCO
Coordinates :	56° 23' 48.80" N 03° 26' 15.40" E	UTM coord.	625047840 N 52701372 E
Licence no :	6	Permit no :	595
Rig :	DYVI STENA	Rig type :	SEMI-SUB.
Contractor :	SEATECH OFFSHORE	Elev. KB :	25 M
Bottom hole temp:	171 °C	Water depth	68,7 M
Spud. date :	88.11.07	Total depth :	5300 M
Compl. date :	89.04.27	Form. at TD	TRIASSIC ?
Spud. class :	WILDCAT	Prod.form. :	
Compl. class :	P&A. SHOWS		
Seisloca :	ANO 8701-38, SP 143		

LICENSEES

28,333000	AMOCO NORWAY OIL COMPANY
28,333000	ENTERPRISE OIL NORWEGIAN A/S
15,000000	NORWEGIAN OIL CONSORTIUM A/S & CO
28,333000	AMERADA HESS NORGE 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	178,0	36		
INTERM.	20	904,0	26		1,81
INTERM.	13 3/8	2286,0	18 1/2		1,96
INTERM.	11 3/4	3360,0			1,98
INTERM.	9 5/8	4024,0	10 5/8		

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M	Recovery %
1	5226,5	- 5243,6	17,1 100,0

MUD

Depth	Mud weight	Visc.	Mud type
110,000	1,03		WATER BASED
185,000	1,06	13,0	WATER BASED
339,000	1,05	14,0	WATER BASED
835,000	1,06	18,0	WATER BASED
935,000	1,38	10,0	WATER BASED
1373,000	1,50	30,0	WATER BASED
1804,000	1,56	30,0	WATER BASED
2064,000	1,60	31,0	WATER BASED
2296,000	1,61	25,0	WATER BASED
2298,000	1,62	22,0	WATER BASED

Depth	Mud weight	Visc.	Mud type
3191,000	1,51	16,0	WATER BASED
3191,000	1,56	34,0	WATER BASED
3191,000	1,57	35,0	WATER BASED
3191,000	1,62	28,0	WATER BASED
3191,000	1,58	35,0	WATER BASED
3191,000	1,56	32,0	WATER BASED
3191,000	1,57	36,0	WATER BASED
3191,000	1,51	16,0	WATER BASED
3191,000	1,53	22,0	WATER BASED
3191,000	1,51	16,0	WATER BASED
3191,000	1,56	34,0	WATER BASED
3191,000	1,62	28,0	WATER BASED
3191,000	1,51	21,0	WATER BASED
3191,000	1,56	26,0	WATER BASED
3197,000	1,58	22,0	WATER BASED
3257,000	1,59	25,0	WATER BASED
3268,000	1,61	23,0	WATER BASED
3312,000	1,59	29,0	WATER BASED
3360,000	1,70	30,0	WATER BASED
3360,000	1,59	34,0	WATER BASED
3364,000	1,68	30,0	WATER BASED
3367,000	1,71	39,0	WATER BASED
3371,000	1,70	30,0	WATER BASED
3582,000	1,86	40,0	WATER BASED
3788,000	1,92	29,0	WATER BASED
3788,000	1,95	28,0	WATER BASED
3835,000	1,92	30,0	WATER BASED
4025,000	1,89	23,0	WATER BASED
4025,000	1,92	20,0	WATER BASED
4347,000	1,98	35,0	WATER BASED
4438,000	2,00	36,0	WATER BASED
4547,000	2,06	38,0	WATER BASED
4706,000	2,09	39,0	WATER BASED
4744,000	2,12	38,0	WATER BASED
4744,000	2,09	33,0	WATER BASED
4744,000	2,11	36,0	WATER BASED
4744,000	2,14	35,0	WATER BASED
4744,000	2,13	38,0	WATER BASED
4763,000	2,09	37,0	WATER BASED
4763,000	2,10	36,0	WATER BASED
5300,000	2,09	22,0	WATER BASED

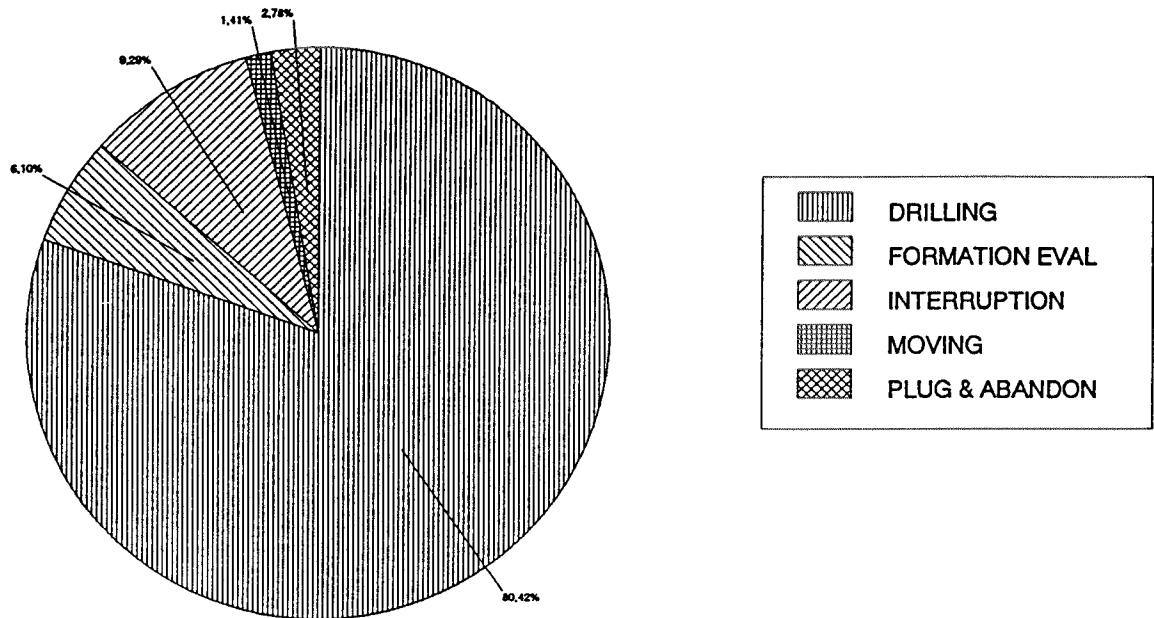
DRILL BIT CUTTINGS AND WET SAMPLES

Sample type	Interval below KB	Number of samples
WET SAMPLES	940 - 5300	480
CUTTING	940 - 5300	600

AVAILABLE LOGS

Log type	Intervals	1/200	1/500	Div.
AMS TEMP. LOG	4028,0 - 4765,0		X	
BGT GR	2283,0 - 3359,0	X	X	
ISF BHC MSFL GR	104,0 - 3357,0	X	X	
CDM AP/ SHDT	3000,0 - 3362,0	X	X	
CDM AP/ SHDT	3362,0 - 4020,0	X	X	
CDM AP / SHDT	4029,0 - 4615,0	X	X	
CDM AP / SHDT	4550,0 - 5000,0	X	X	
CDM AP / SHDT	5009,0 - 5299,0	X	X	
DIL BHC GR CAL	3362,0 - 3789,0	X	X	
DIL BHC GR CAL SP	4028,0 - 4765,0	X	X	
DIL BHC GR CAL SP	4765,0 - 5004,0	X	X	
DIL BHC GR SP	3789,0 - 4022,5	X	X	
DIL BHC GR SP	5005,5 - 5304,0	X	X	
LDL CNL GR CAL	2283,0 - 3358,0	X	X	
LDL CNL GR CAL	3362,0 - 4023,5	X	X	
FDC CNL GR	5005,5 - 5302,0	X	X	
MWD	185,0 - 5000,0	X	X	
CYBERDIP	5005,0 - 5300,0	X		
SHDT	3362,0 - 4024,0	X		
SHDT	4028,0 - 4020,0	X		
SHDT	4600,0 - 5006,0	X		
SHDT	5005,0 - 5300,0	X		
RFT	3067,0 - 3309,0			
RFT	3984,0 - 3989,0		X	
DRILLING DATA LOG	93,0 - 5300,0		X	
VELOCITY LOG	103,7 - 5005,5		X	1:1000
SYNTHETIC SEIMOGRAM	10 cm/s			5
DISPLAY OF WELL VELOCITY				3
SURVEY RECORDS, PART 1-3				
VSP	10 cm/s			4

Daily Drilling Report System (DDRS)
Operations for well: 2/8-12 S



Main operations	Minutes	Hours	% of total
DRILLING	194550	3242,50	80,42
FORMATION EVAL	14760	246,00	6,10
INTERRUPTION	22470	374,50	9,29
MOVING	3420	57,00	1,41
PLUG & ABANDON	6720	112,00	2,78
Total	241920	4032,00	100,00

Operations for well: 2/8-12 S**Main operation: DRILLING**

Sub operations	Minutes	Hours	% of total
BOP ACTIVITIES	360	6,00	0,19
BOP/WELLHEAD EQ	8220	137,00	4,23
CASING	29760	496,00	15,30
CIRC/COND	23190	386,50	11,92
DRILL	59460	991,00	30,56
OTHER	5430	90,50	2,79
PRESS DETECTION	2220	37,00	1,14
REAM	15000	250,00	7,71
SURVEY	180	3,00	0,09
TRIP	50250	837,50	25,83
WAIT	480	8,00	0,25
Total	194550	3242,50	100,00

Main operation: FORMATION EVAL

Sub operations	Minutes	Hours	% of total
CIRC/COND	210	3,50	1,42
CORE	600	10,00	4,07
LOG	11730	195,50	79,47
TRIP	2220	37,00	15,04
Total	14760	246,00	100,00

Main operation: INTERRUPTION

Sub operations	Minutes	Hours	% of total
LOST CIRC	2400	40,00	10,68
MAINTAIN/REP	9120	152,00	40,59
OTHER	4200	70,00	18,69
WAIT	6180	103,00	27,50
WELL CONTROL	570	9,50	2,54
Total	22470	374,50	100,00

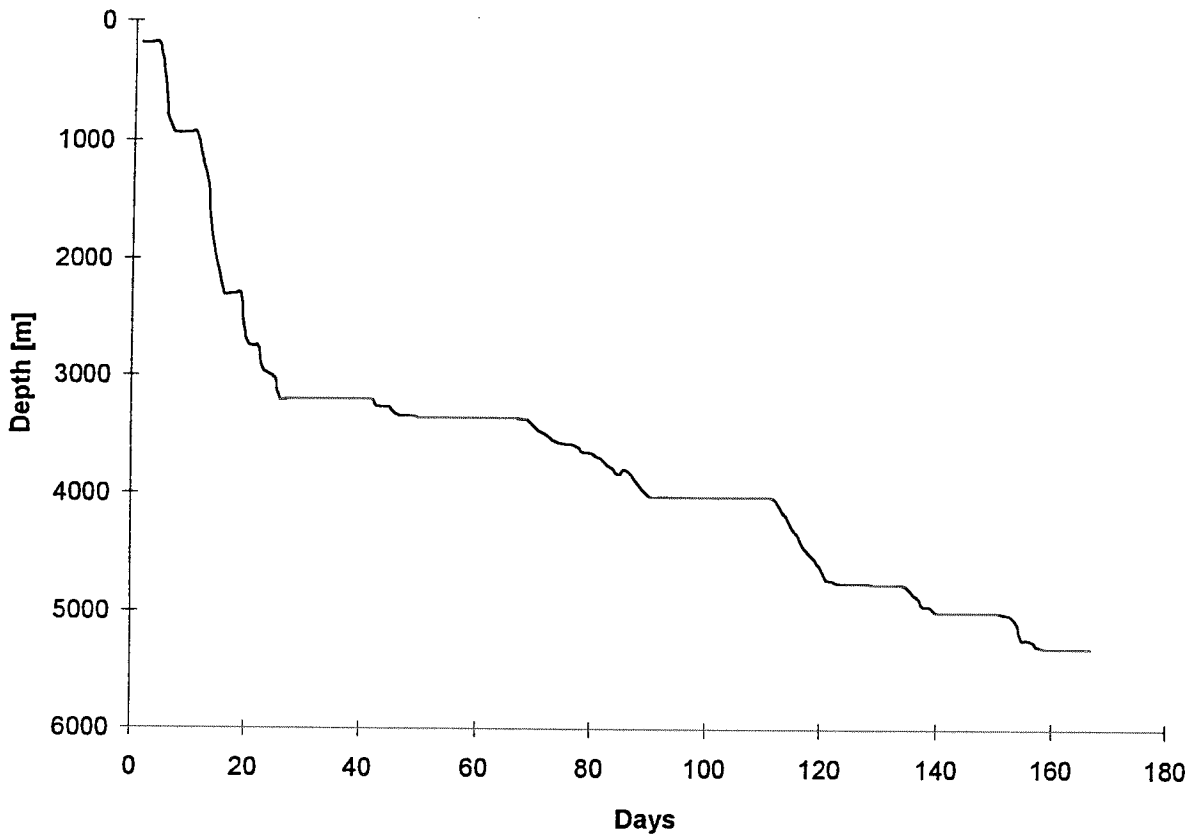
Main operation: MOVING

Sub operations	Minutes	Hours	% of total
ANCHOR	3300	55,00	96,49
POSITION	60	1,00	1,75
TRANSIT	60	1,00	1,75
Total	3420	57,00	100,00

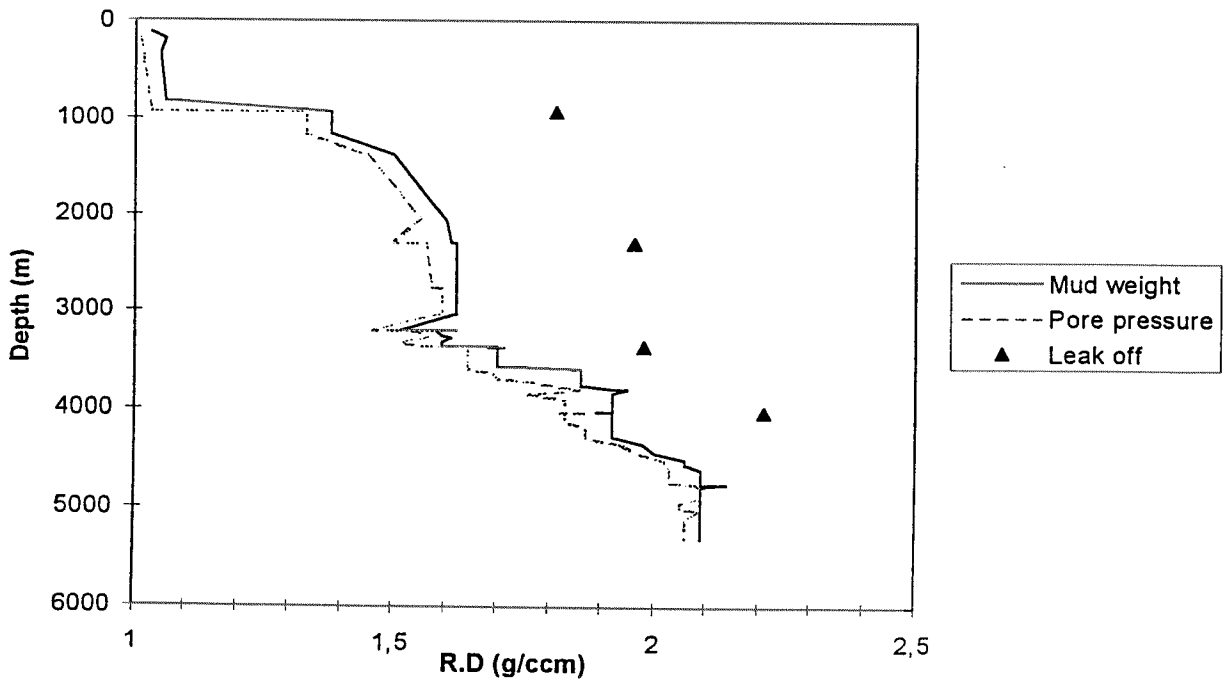
Main operation: PLUG & ABANDON

Sub operations	Minutes	Hours	% of total
CEMENT PLUG	540	9,00	8,04
CIRC/COND	780	13,00	11,61
CUT	1080	18,00	16,07
EQUIP RECOVERY	270	4,50	4,02
MECHANICAL PLUG	210	3,50	3,13
TRIP	3840	64,00	57,14
Total	6720	112,00	100,00

Depth vs time for well: 2/8-12 S



Composite plot for well: 2/8-12 S



Well History 2/8-12 S.

General:

Well 2/8-12 S was planned as a deviated exploration well to be drilled on the eastern flank of the "Mode" saltfeature. The objective of the well was to test the reservoir and possible hydrocarbon potential in the Upper and Middle Jurassic sands in the deepest part of the Central Trough. Determine the source rock potential and maturation as well as the Jurassic stratigraphy, and determine the Upper Cretaceous/Tertiary stratigraphy of the chalk section.

Operations:

Wildcat well 2/8-12 was spudded the 7 November 1988 by Stena Equipment semi- submersible rig Dyvi Stena and completed 27 April 1989 at a total depth of 5300 m MD RKB. Shallow gas was encountered in sands around 930 meters. The well was stabilised with heavy mud, and there was no damage or injuries. A major normal fault cuts through the chalk section and caused major problems with lost circulation. The lower Cretaceous section was thicker than expected. The Upper Jurassic section was also thicker than expected and contained good source rock potential. Top of the oil window is at around 3500 m. 1 core was cut in the Triassic sands. The well was permanently plugged and abandoned as a dry hole with oil/gas shows.

Testing:

No DST tests were performed.

Geological Tops.

Well: 2/8-12 S.

	Depth m (RKB).
Nordland Group	94.0
Hordaland Group	1629.0
Rogaland Group	2889.0
Balder Fm	2889.0
Sele Fm	2910.5
Lista Fm	2942.0
Våle Fm	3021.0
Shetland Group	3045.0
Ekofisk Fm	3045.0
Tor Fm.	3118.0
Hod Fm	3200.0
Hidra Fm	3235.0
Cromer Knoll Group	3257.0
Rødby Fm	3257.0
Tuxen Fm	3759.0
Tyne Group	3998.0
Mandal Fm	3998.0
Farsund Fm	4042.0
Haugesund Fm	4207.0
Vestland Group	5191.0
Bryne	5191.0
Triassic Group	5225.0
Skagerak.	5225.0
T.D.	5300.0