

Well no : 34/ 2-04 Operator : AMOCO

Coordinates : 61 45 20.11 N UTM coord. : 6847163
 02 39 37.64 E 482072

Licence no : 56 Permit no : 458

Rig : WEST VENTURE Rig type : SEMI-SUB.

Contractor : A/S SMEDVIK DRILLING CO.

Bottom hole temperature : 126.7 deg.C Elev. KB : 33 M

Spud. date : 85.03.22 Water depth : 381 M

Compl. date : 85.06.11 Total depth : 4107 M

Spud. class : WILDCAT Form. at TD : JURASSIC

Compl. class : P&A. DRY HOLE Prod. form :

Seisloca : 79 - 39 SP. 1140

LICENSEES

3.350000 NORSK AGIP A/S
 25.000000 AMOCO NORWAY A/S
 3.350000 NORSKE FINA A/S
 12.500000 MOBIL DEVELOPMENT NORWAY A.S.
 5.800000 PHILLIPS PETROLEUM NORSK A/S
 50.000000 DEN NORSKE STATS OLJESELSKAP 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	524.0	36	543.0	
SURF.COND.	20	804.0	26	814.0	1.58
INTERM.	13 3/8	2126.0	17 1/2	2145.0	1.80
INTERM.	9 5/8	3559.0	12 1/4	3570.0	2.05
OPEN HOLE			8 1/2	4107.0	

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	3827.0 - 3846.0	10.9	57.5	LOWER JURASSIC

MUD PROPERTIES

Depth below KB meter	Mud weight g/cm ³	Plastic viscosity mPa.s	Mud type
470.000	1.03		WATER BASED
857.000	1.07	12.0	WATER BASED
1222.000	1.10	17.0	WATER BASED
1405.000	1.12	16.0	WATER BASED
1963.000	1.20	13.0	WATER BASED
2130.000	1.22	18.0	WATER BASED
2145.000	1.28	18.0	WATER BASED
2266.000	1.41	26.0	WATER BASED
2417.000	1.44	14.0	WATER BASED
2541.000	1.43	17.0	WATER BASED
2728.000	1.45	18.0	WATER BASED
3104.000	1.47	19.0	WATER BASED
3193.000	1.48	24.0	WATER BASED
3391.000	1.49	22.0	WATER BASED
3456.000	1.73	28.0	WATER BASED
3473.000	1.50	23.0	WATER BASED
3570.000	1.49	21.0	WATER BASED
3827.000	1.53	21.0	WATER BASED
3837.000	1.77	20.0	WATER BASED
3846.000	1.74	26.0	WATER BASED
3900.000	1.75	27.0	WATER BASED
3979.000	1.74	26.0	WATER BASED
4023.000	1.76	27.0	WATER BASED
4069.000	1.73	26.0	WATER BASED

DRILL STEM TEST

NO DST'S WERE PERFORMED IN THIS WELL

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
<hr style="border-top: 1px dashed black;"/>		
Cutting		
Wet Samples	830 - 4106	490
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SHALLOW GAS

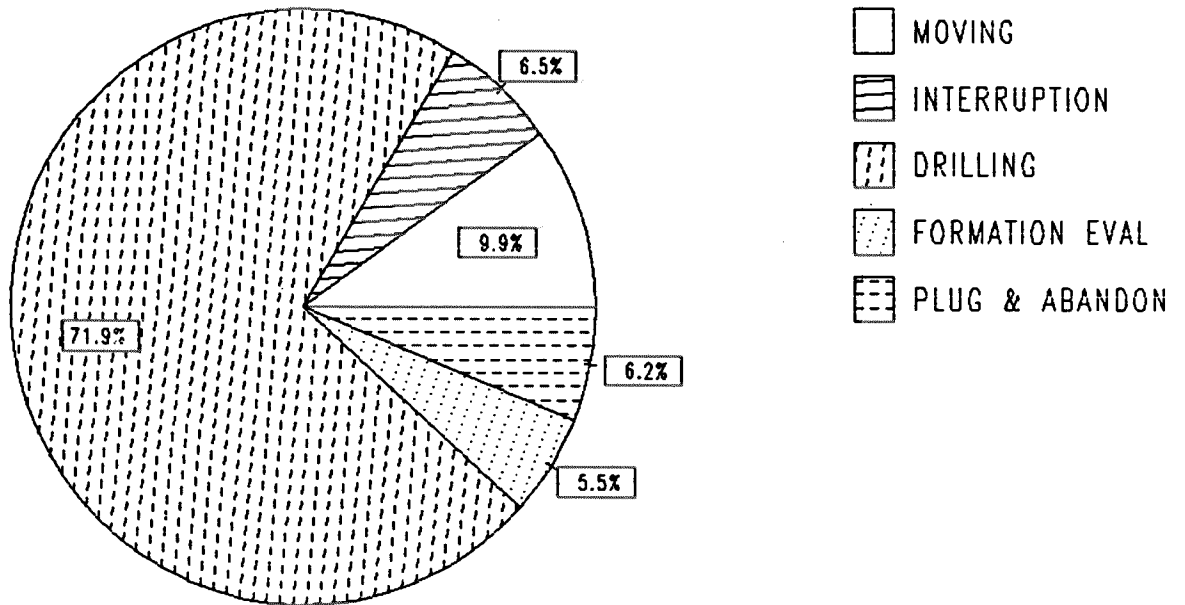
Interval below KB	REMARKS
<hr style="border-top: 1px dashed black;"/>	
NONE	

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
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DIL SLS CAL GR	524 - 812	X	X
DIL SLS CAL	804 - 2145	X	X
DIL SLS	2127 - 3570	X	X
DIL SLS	3559 - 4108	X	X
LDT	2127 - 3570	X	X
LDL CNL	3559 - 4109	X	X
NGL	3559 - 4109	X	X
CDM	2127 - 3571	X	X
TEMPERATURE DATA	424 - 4107	1:5000	
DRILLING DATA PRESSURE	424 - 4107	1:5000	
PRESSURE EVALUATION	424 - 4107	1:5000	
WIRELINE DATA PRESSURE	424 - 4107	1:5000	
CBL VDL CCL	700 - 2086	X	
CBL VDL CCL	2065 - 3468	X	
MUD	543 - 4107		X
VELOCITY	524 - 4110		X
(+ Synthetic Seismogram, Geogram, 10 cm/s,			6 stk)
(+ VSP, 1000 - 4095			1 stk)

DAILY DRILLING REPORT SYSTEM

Main operation : 34/02-04



Total : 2160 HRS

Main operation	Minutes	Hours	% of total
MOVING	12810	213.50	9.88
INTERRUPTION	8370	139.50	6.46
DRILLING	93210	1553.50	71.92
FORMATION EVAL	7170	119.50	5.53
PLUG & ABANDON	8040	134.00	6.20

MAIN OPERATIONS WELL : 34/02-04

MAIN OPERATION: DRILLING

Sub operations	Min	Hrs	% of total
BOP/WELLHEAD EQ	9660	161.00	10.36
TRIP	24630	410.50	26.42
DRILL	40710	678.50	43.68
REAM	2370	39.50	2.54
SURVEY	150	2.50	0.16
CIRC/COND	4200	70.00	4.51
HOLE OPEN	2250	37.50	2.41
CASING	7740	129.00	8.30
BOP ACTIVITIES	1410	23.50	1.51
WAIT	90	1.50	0.10
TOTAL	93210	1553.50	

MAIN OPERATION: MOVING

Sub operations	Min	Hrs	% of total
TRANSIT	4758	79.30	37.14
ANCHOR	7632	127.20	59.58
POSITION	420	7.00	3.28
TOTAL	12810	213.50	

MAIN OPERATION: FORMATION EVAL

Sub operations	Min	Hrs	% of total
LOG	3930	65.50	54.81
WAIT	60	1.00	0.84
TRIP	1350	22.50	18.83
CORE	510	8.50	7.11
CIRC/COND	1320	22.00	18.41
TOTAL	7170	119.50	

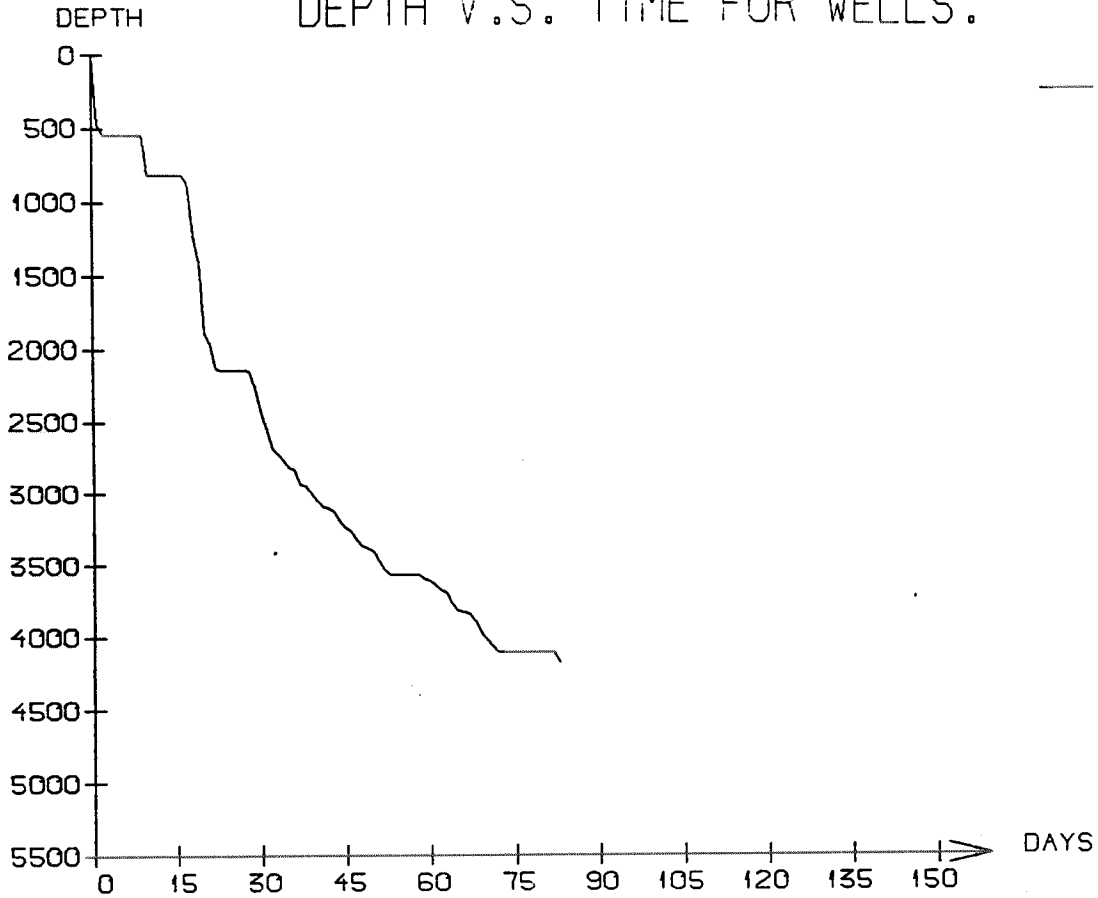
MAIN OPERATION: INTERRUPTION

Sub operations	Min	Hrs	% of total
MAINTAIN/REP	1980	33.00	23.66
WAIT	3600	60.00	43.01
FISH	1770	29.50	21.15
WELL CONTROL	1020	17.00	12.19
TOTAL	8370	139.50	

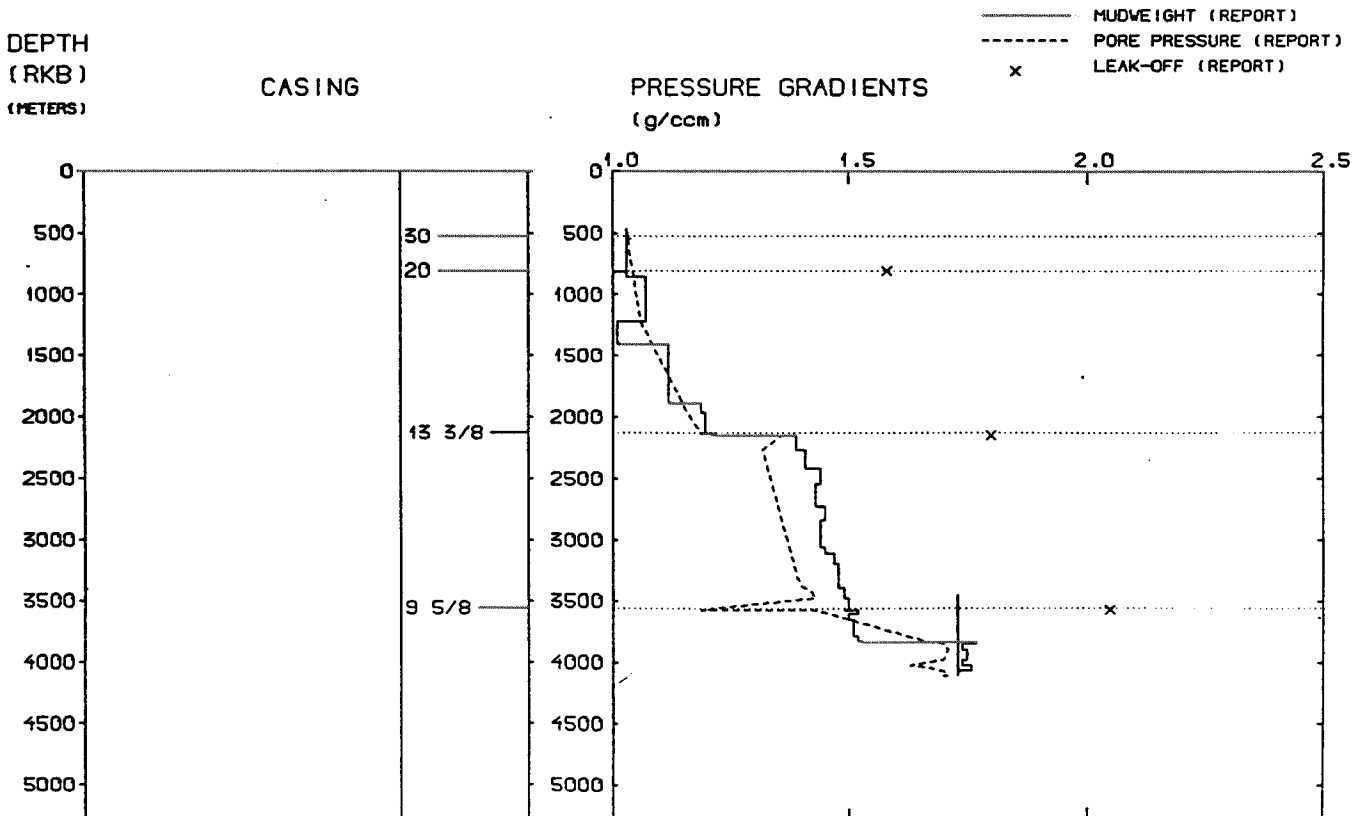
MAIN OPERATION: PLUG & ABANDON

Sub operations	Min	Hrs	% of total
TRIP	3000	50.00	37.31
CIRC/COND	120	2.00	1.49
CEMENT PLUG	540	9.00	6.72
MECHANICAL PLUG	1200	20.00	14.93
SQUEEZE	240	4.00	2.99
PERFORATE	360	6.00	4.48
EQUIP RECOVERY	1980	33.00	24.63
CUT	600	10.00	7.46
TOTAL	8040	134.00	

DEPTH V.S. TIME FOR WELLS:



WELL: 003402 04 PRESSURE COMPOSITE PLOT



WELL HISTORY 34/2-4

GENERAL:

Wildcat well 34/2-4 was drilled in the south-eastern corner of block 34/2.

The objective of the well was to test possible hydrocarbon accumulations in the Middle and Lower Jurassic sandstones.

OPERATIONS:

The well was spudded 22 March 1985 by the semi-submersible rig West Venture, and no significant problems were encountered during drilling.

The lithology of the well correspond very well with that of well 34/2-3.

Brent Formation, or a distal facies assumed to be the equivalent of Brent Formation, was developed as a shale, and had no reservoir qualities.

The Cook Formation was water bearing.

No hydrocarbons were registered in the well.

TESTING:

The well was not tested.

GEOLOGICAL TOPS

WELL: 34/02-04

	Depth m (RKB)
<i>Nordland Group</i>	424,0
<i>Utsira Fm</i>	1359,0
<i>Hordaland Group</i>	1418,0
<i>Undefined Claystone</i>	1418,0
<i>Skade Fm</i>	1460,0
<i>Undefined Claystone</i>	1514,0
<i>Rogaland Group</i>	1946,0
<i>Balder Fm</i>	1946,0
<i>Lista Fm</i>	1995,0
<i>Shetland Group</i>	2071,0
<i>Cromer Knoll Group</i>	3300,0
<i>Viking Group</i>	3586,0
<i>Heather Fm</i>	3586,0
<i>Brent Group</i>	3615,0
<i>Dunlin Group</i>	3688,0
<i>Drake Fm</i>	3688,0
<i>Cook Fm</i>	3820,0
<i>Burton Fm</i>	3932,0
<i>Amundsen Fm</i>	3972,0
<i>Statfjord Fm</i>	4062,0
<i>T.D.</i>	4107,0 (DD)