

Well no : 7121/01-01R

Operator : ESSO

Coordinates	: 71 56 25.74 N 21 04 36.52 E	UTM coord.	: 7982512 N 502657 E
Licence no	: 111	Permit no	: 487
Rig	: ZAPATA UGLAND	Rig type	: SEMI-SUB.
Contractor	: UGLAND ZAPATA OFFSHORE		
Bottom hole temperature	: deg.C	Elev. KB	: 25 M
Spud. date	: 86.03.19	Water depth	: 370 M
Compl. date	: 86.08.23	Total depth	: 5000 M
Spud. class	: WILDCAT	Form. at TD	: CARBON. ?
Compl. class	: P&A. DRY HOLE	Prod. form	:
Seisloca	: NH 8306 - 211 SP. 1106		

LICENSEES

35.000000	SSO NORGE A.S
15.000000	NORSK HYDRO PRODUKSJON 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
INTERM.	16	1979.5		2154.0	1.55
INTERM.	11 3/4	2784.0		2804.0	1.46

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	3137.5 - 3138.5	1.0	100.0	
2	3385.0 - 3386.3	1.3	100.0	
3	3511.0 - 3513.7	2.7	100.0	

MUD PROPERTIES

Depth below KB meter	Mud weight g/cm ³	Viscosity	Mud type
965.000	1.10	8.0	WATERBASED
1207.000	1.14	9.0	WATERBASED
1244.000	1.15	10.0	WATERBASED
1280.000	1.14	10.0	WATERBASED
1292.000	1.15	13.0	WATERBASED
1337.000	1.14	9.0	WATERBASED
1423.000	1.15	13.0	WATERBASED
1487.000	1.16	14.0	WATERBASED

1815.000	1.14	10.0	WATERBASED
1952.000	1.15	8.0	WATERBASED
1993.000	1.14	10.0	WATERBASED
2107.000	1.15	9.0	WATERBASED
2113.000	1.14	13.0	WATERBASED
2115.000	1.15	9.0	WATERBASED
2120.000	1.14	10.0	WATERBASED
2153.000	1.16	7.0	WATERBASED
2154.000	1.14	13.0	WATERBASED
2555.000	1.16	12.0	WATERBASED
2620.000	1.21	15.0	WATERBASED
2663.000	1.26	17.0	WATERBASED
2804.000	1.32	20.0	WATERBASED
2817.000	1.20	14.0	WATERBASED
3137.500	1.18	10.0	WATERBASED
3140.000	1.20	12.0	WATERBASED
3205.000	1.18	10.0	WATERBASED
3385.000	1.08	8.0	WATERBASED
5000.000	1.09	10.0	WATERBASED

DRILL BIT CUTTINGS AND WET SAMPLES

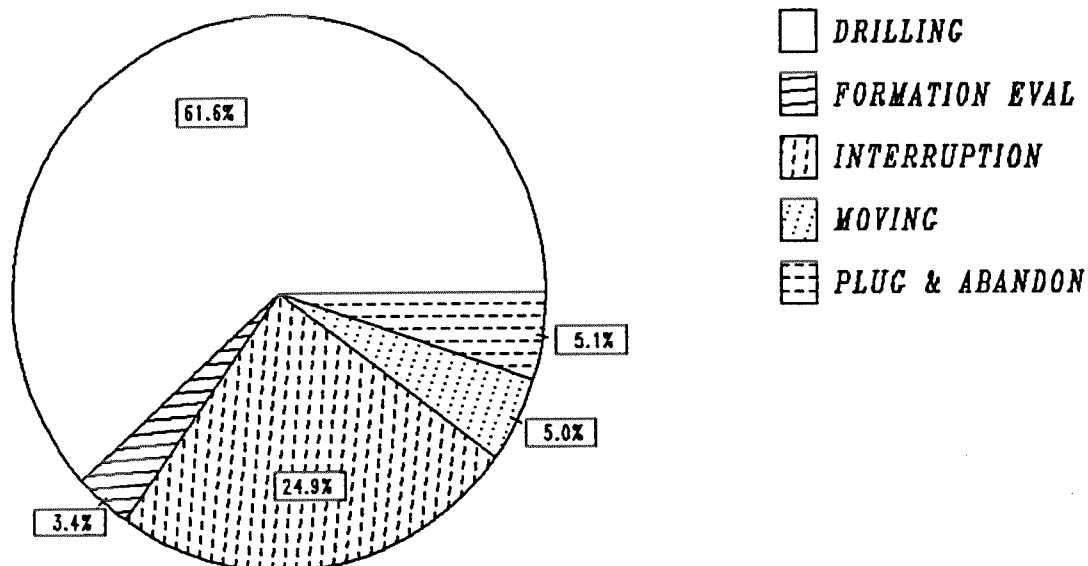
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	520-5000	910
WET SAMPLES	530-5000	1000

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500 DIV
DIFL BHC AC GR	900.000 - 2151.000	X	X
DIFL BHC AC	1978.000 - 2804.000	X	X
DIFL BHC AC	2780.000 - 3368.000	X	X
CDL CNL	900.000 - 2135.000	X	X
CDL CNL	1978.000 - 2804.000	X	X
CDL	2780.000 - 3352.000	X	X
CNL CNL	2780.000 - 5001.000	X	X
4-ARM CALIPER	1978.000 - 2800.000	X	X
CBL VDL	395.000 - 1978.000	X	X
MUD	395.000 - 5000.000		X
VELOCITY	900.000 - 5002.000	1:1000X	
(Velocity, drift curve, plot 1,3-5		2 stk.)	
(Velocity, time/depth, plot 1,3-5		1 stk.)	
(Synthetic seismogram, 10 cm/s, plot 4		1 stk.)	

DAILY DRILLING REPORT SYSTEM

Main operations for well : 7121/01 -01 R



Total : 4152.00 hours

Main operation	Minutes	Hours	% of total
DRILLING	153525	2558.75	61.63
FORMATION EVAL	8565	142.75	3.44
INTERRUPTION	61920	1032.00	24.86
MOVING	12390	206.50	4.97
PLUG & ABANDON	12720	212.00	5.11

MAIN OPERATIONS FOR WELL : 7121 / 01 - 01 R

MAIN OPERATION : DRILLING

Sub operations	Minutes	Hrs	% of total
BOP ACTIVITIES	9315	155.25	6.07
BOP/WELLHEAD EQ	4920	82.00	3.20
CASING	11775	196.25	7.67
CIRC/COND	3405	56.75	2.22
DRILL	70215	1170.25	45.74
OTHER	405	6.75	0.26
PRESS DETECTION	900	15.00	0.59
REAM	1875	31.25	1.22
SURVEY	3225	53.75	2.10
TRIP	34370	572.83	22.39
UNDERREAM	13120	218.67	8.55
Total	153525	2558.75	100.00

MAIN OPERATION : FORMATION EVAL

Sub operations	Minutes	Hrs	% of total
CIRC SAMPLES	240	4.00	2.80
CORE	2415	40.25	28.20
LOG	5550	92.50	64.80
TRIP	300	5.00	3.50
WAIT	60	1.00	0.70
Total	8565	142.75	100.00

MAIN OPERATION : INTERRUPTION

Sub operations	Minutes	Hrs	% of total
FISH	25515	425.25	41.21
LOST CIRC	5355	89.25	8.65
MAINTAIN/REP	14820	247.00	23.93
OTHER	6390	106.50	10.32
SIDETRACK	4125	68.75	6.66
WAIT	5715	95.25	9.23
Total	61920	1032.00	100.00

MAIN OPERATION : MOVING

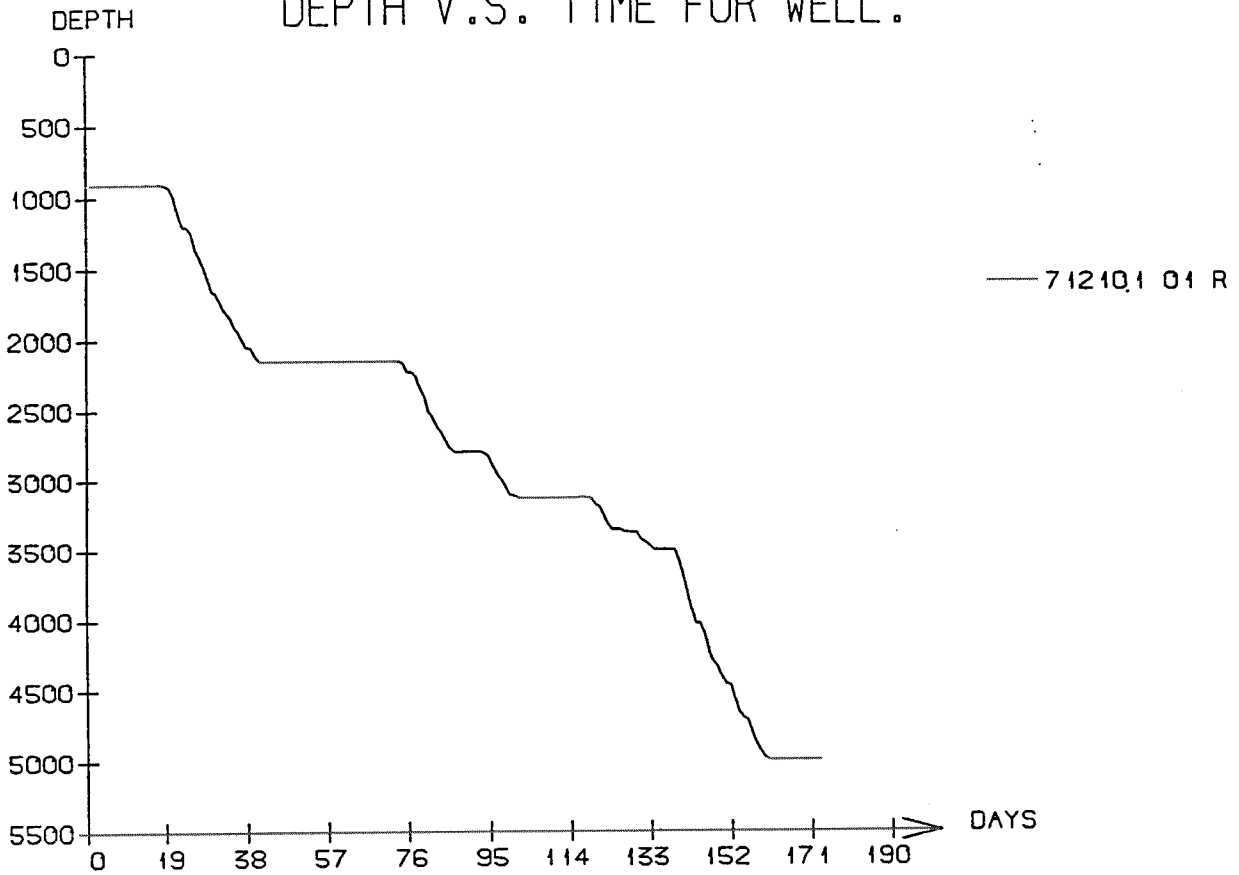
Sub operations	Minutes	Hrs	% of total
ANCHOR	9030	150.50	72.88
POSITION	525	8.75	4.24
TRANSIT	2835	47.25	22.88
Total	12390	206.50	100.00

MAIN OPERATION : PLUG & ABANDON

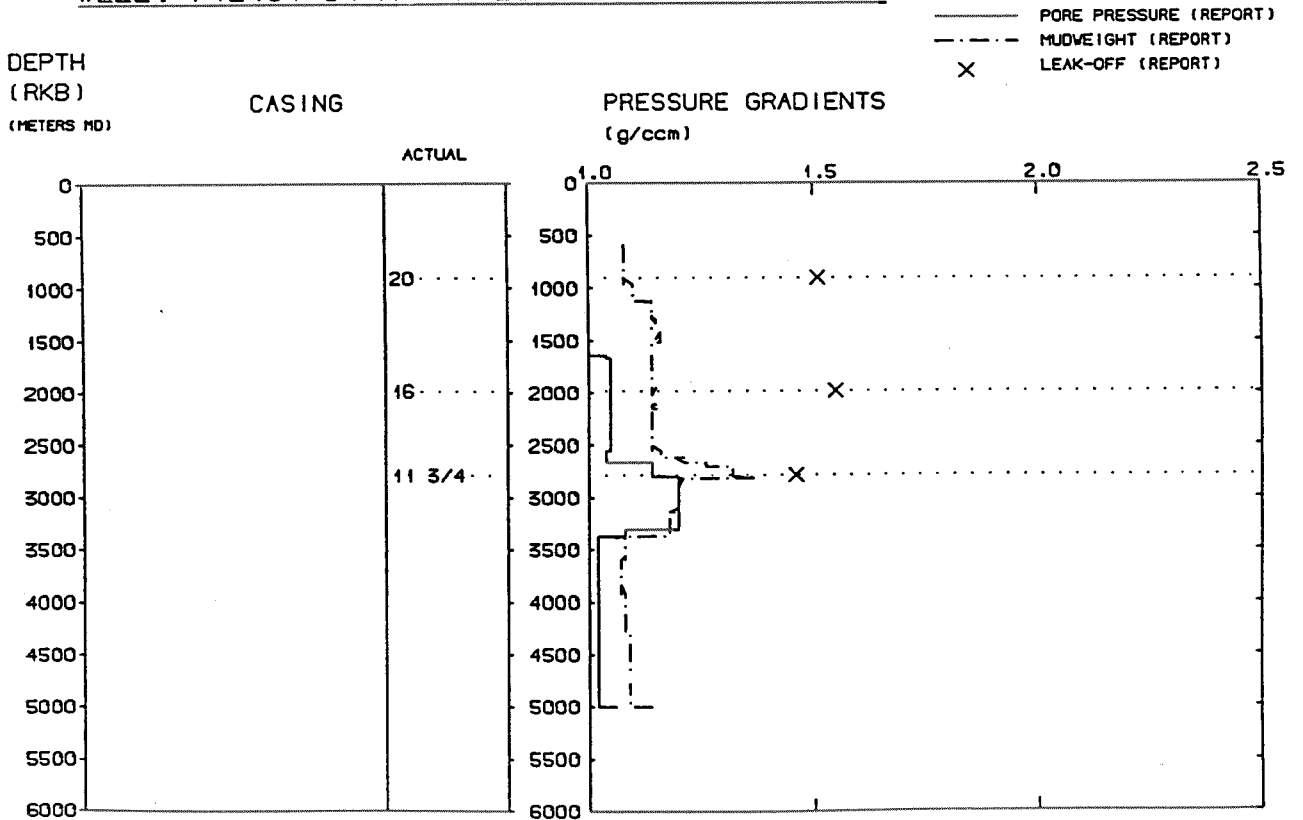
Sub operations	Minutes	Hrs	% of total
CEMENT PLUG	3165	52.75	24.88
CIRC/COND	30	0.50	0.24
CUT	1770	29.50	13.92
EQUIP RECOVERY	5070	84.50	39.86
MECHANICAL PLUG	360	6.00	2.83
OTHER	1380	23.00	10.85
TRIP	405	6.75	3.18
WAIT	540	9.00	4.25
Total	12720	212.00	100.00

Total time used 4152.00 hrs

DEPTH V.S. TIME FOR WELL:



WELL: 712101 01 R PRESSURE COMPOSITE PLOT



Well History 7121/1-1, 7121/1-1 R

GENERAL:

Well 7121/1-1 was drilled on the Loppa High in the northern part of the Tromsøflaket area, offshore Northern Norway. The primary objective of the well was to test the reservoir and hydrocarbon potential of a possible Early Permian mounded carbonate facies identified by seismic. Secondary objectives were Late Permian carbonates and Early Carboniferous to Devonian sandstones. Finally, the exploration well was designed to fulfill the license's obligatory work program.

The prognosed depth was 5000 m RKB.

OPERATIONS:

Wildcat well 7121/1-1 was spudded 10 October 1985 by Zapata Uglund Drilling Company semi-submersible rig Zapata Uglund and due to NPD regulations the drilling was stopped for the winter season 17 November 1985 at a depth of 916 m. Drilling commenced 19 March 1986 and was completed 23 August 1986 at 5000 m in Carboniferous rocks. During the first entry 8 1/2" bit was used. There were experienced some problems while drilling. At 2154 m a part of the bit was lost. Fishing was unsuccessful, due to this the hole was sidetracked at 2120 m. From 3522 - 4606 m there was experienced a loss of mud to the formation. At 3119 m a part of the bit was lost, and fishing was unsuccessful. Some problems with the BOP and during coring were experienced.

There is a discrepancy between the division of the lithostratigraphy on the completion log and in the completion report. The units in the completion report were used due to the better division of the specific layers.

3 cores were cut in this well, the first in the interval 3137.5 - 3138.5 m, the second in the interval 3385 - 3385.5 m, and the third in the interval 3511 - 3512.1 m.

Some minor shows were encountered throughout the well, but they decrease from 1512 m.

The well is plugged and abandoned as a dry well.

TESTING:

No DST tests were performed in this well.

GEOLOGICAL TOPS

WELL: 7121/1-1 and 7121/1-1 R

Depth m (RKB)

<i>Sotbakken Group</i>	519.0
<i>Torsk Fm.</i>	519.0
<i>Realgrunnen Group</i>	698.0
<i>Fruholmen Fm.</i>	698.0
<i>Ingøydjupet Group</i>	791.0
<i>Snadd Fm.</i>	791.0
<i>Kobbe Fm.</i>	2211.0
<i>Klappmyss Fm.</i>	2606.0
<i>Havert Fm.</i>	2787.0
<i>Permian Group</i>	2993.0
<i>Unit 1</i>	2993.0
<i>Unit 2</i>	3179.0
<i>Unit 3</i>	3502.0
<i>Unit 4</i>	3994.0
<i>Carboniferous Group</i>	4045.0
<i>Unit 5</i>	4305.0
<i>Unit 6</i>	4467.0
<i>Unit 7</i>	4803.0
<i>T.D.</i>	5000.0