

Well no : 6507/08-02

Operator : STATOIL

Coordinates : 65 20 18.11 N
07 26 15.04 EUTM coord. : 7247248 N
427253 E

Licence no : 124

Permit no : 557

Rig : WEST DELTA

Rig type : SEMI-SUB.

Contractor : DYVI OFFSHORE A/S

Bottom hole temperature : deg.C

Elev. KB : 29 M

Spud. date : 87.08.15

Water depth : 346 M

Compl. date : 87.09.09

Total depth : 2690 M

Spud. class : WILDCAT

Form. at TD : TRIASSIC

Compl. class : P&A. DRY HOLE

Prod. form :

Seisloca : CN 8502 - 608 SP. 505

LICENSEES

10.000000 ARCO NORGE A/S
 15.000000 NORSKE CONOCO A/S
 5.000000 DET NORSKE OLJESELSKAP A/S
 10.000000 NORSK HYDRO PRODUKSJON A.S
 50.000000 DEN NORSKE STATS OLJESELSKAP A.S
 10.000000 TENNECO OIL NORWAY 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	448.0	36	455.0	.
SURF.COND.	20	507.0	26	964.0	1.26
INTERM.	13 3/8	1055.0	17 1/2	1070.0	1.55
INTERM.	9 5/8	1866.0	12 1/4	1881.0	1.72

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M %	Series
1	1894.0 - 1913.85	19.85 100.0	U
2	1989.0 - 1990.5	0.0 0.0	L PLIENSBACHIAN L TOARCIAN
3	1990.5 - 1996.25	5.8 100.0	L PLIENSBACHIAN L TOARCIAN

MUD PROPERTIES

Depth below KB meter	Mud weighth g/cm3	Viscosity	Mud type
455.000	1.05	1200.0	WATER BASED
521.000	1.08	4800.0	WATER BASED
964.000	1.15	1500.0	WATER BASED
1070.000	1.17	1300.0	WATER BASED

1440.000	1.18	1300.0	WATER BASED
1735.000	1.36	1700.0	WATER BASED
1750.000	1.23	1300.0	WATER BASED
1881.000	1.45	2000.0	WATER BASED
2690.000	1.23	1700.0	WATER BASED

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
Cutting	520-2690	250
Wet Samples	530-2690	210

SHALLOW GAS

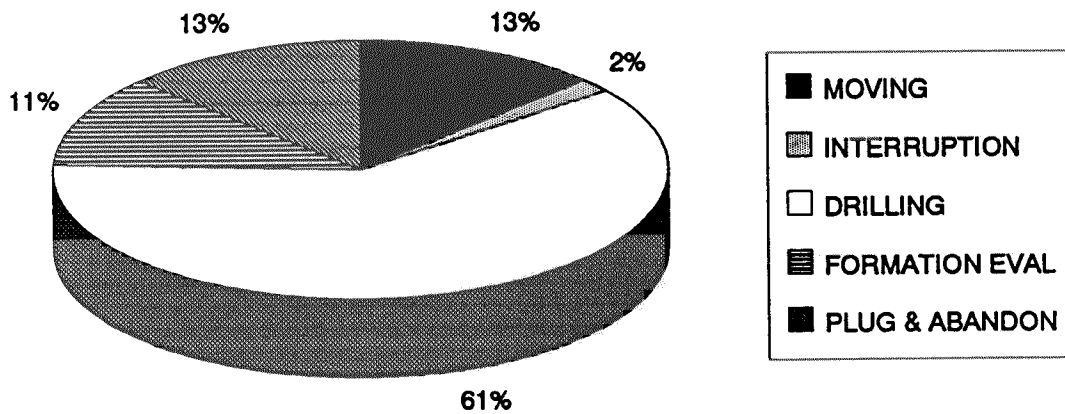
Interval below KB	REMARKS
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AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500	Div.
DIFL LS BHC AC CAL	506.000 - 1059.000	X	X	
DIFL LS BHC AC CAL	1054.000 - 1880.000	X	X	
DIFL LS BHC AC CAL	1865.000 - 2666.000	X	X	
CDL GR	506.000 - 1043.000	X	X	
CDL GR	1054.000 - 1862.000	X	X	
CDL CNL	1865.000 - 2635.000	X	X	
FMT HP CRYSTAL GAUGE	1898.000 - 2414.000			X
FMT HP CRYSTAL GAUGE	1895.000 - 2096.000			X
ACBL VDL	570.000 - 1054.000	X	X	
ACBL VDL	766.000 - 1865.000	X	X	
DRILL. DATA PRESS.	375.000 - 2690.000		1:5000	
MUD	375.000 - 2690.000			X
VELOCITY LOG	520.000 - 2660.000		1:1000X	
(Velocity, Airgun survey and calibr.log data				1 eks.)
(Velocity, display of survey records, 1-5				5 eks.)
(VSP, normal/reverse polarity, 10 cm/s				10 stk.)
(Synthetic seismogram, marine, 10 cm/s				9 stk.)

DAILY DRILLING REPORT SYSTEM

MAIN OPERATIONS FOR WELL: 6507/08-02



Main operation	Minutes	Hrs	% of total
MOVING	5520	92,0	13,22
INTERRUPTION	720	12,0	1,72
DRILLING	25530	425,5	61,14
FORMATION EVAL	4710	78,5	11,28
PLUG & ABANDON	5280	88,0	12,64
<i>Total</i>	41760	696,0	100,00

SUB OPERATIONS FOR WELL: 6507/08-02

MAIN OPERATION: MOVING

Sub operation	Minutes	Hrs	% of total
TRANSIT	660	11,0	11,96
ANCHOR	4860	81,0	88,04
<i>Total</i>	5520	92,0	100,00

MAIN OPERATION: INTERRUPTION

Sub operation	Minutes	Hrs	% of total
MAINTAIN/REP	720	12,0	100,00
<i>Total</i>	720	12,0	100,00

MAIN OPERATION: DRILLING

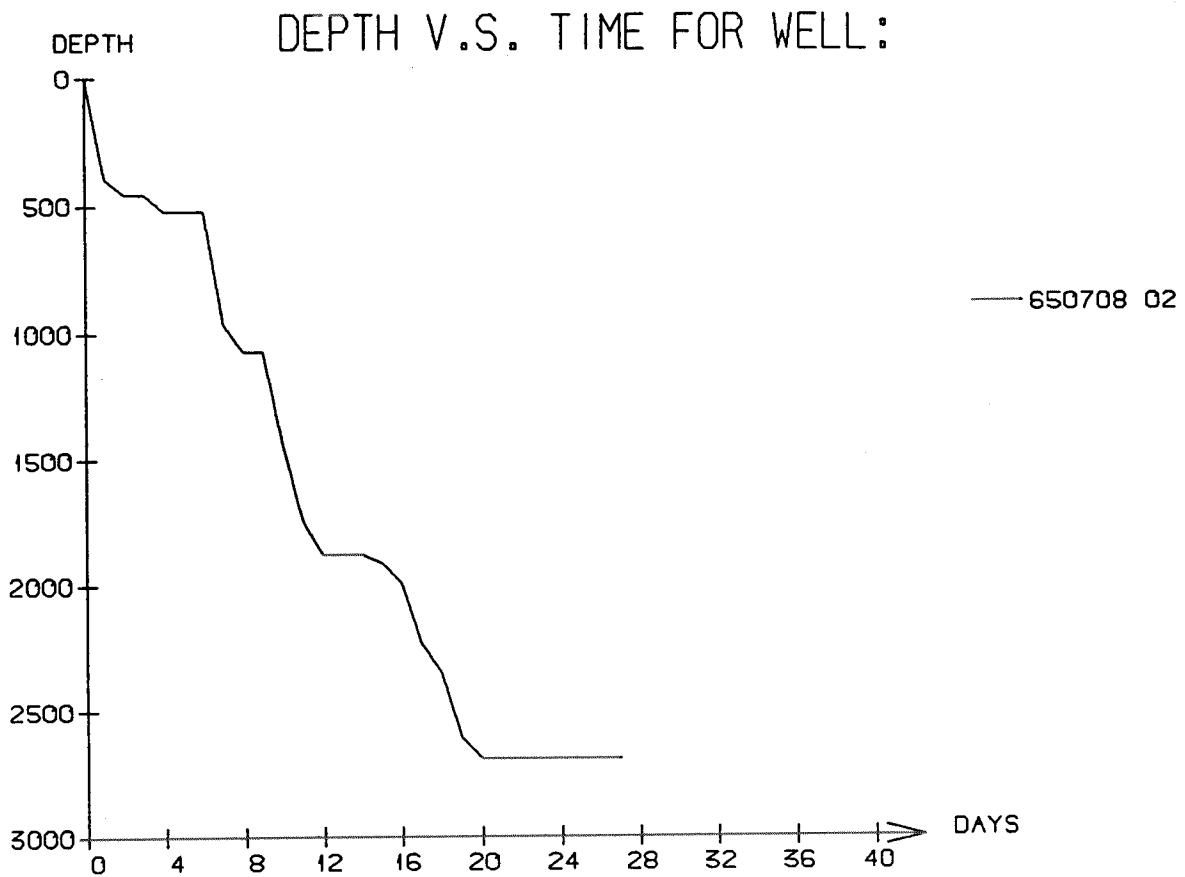
Sub operation	Minutes	Hrs	% of total
TRIP	3330	55,5	13,04
DRILL	12720	212,0	49,82
SURVEY	360	6,0	1,41
OTHER	150	2,5	0,59
CASING	4290	71,5	16,80
BOP/WELLHEAD EQ	2520	42,0	9,87
CIRC/COND	1170	19,5	4,58
BOP ACTIVITIES	660	11,0	2,59
REAM	330	5,5	1,29
<i>Total</i>	25530	425,5	100,00

MAIN OPERATION: FORMATION EVAL

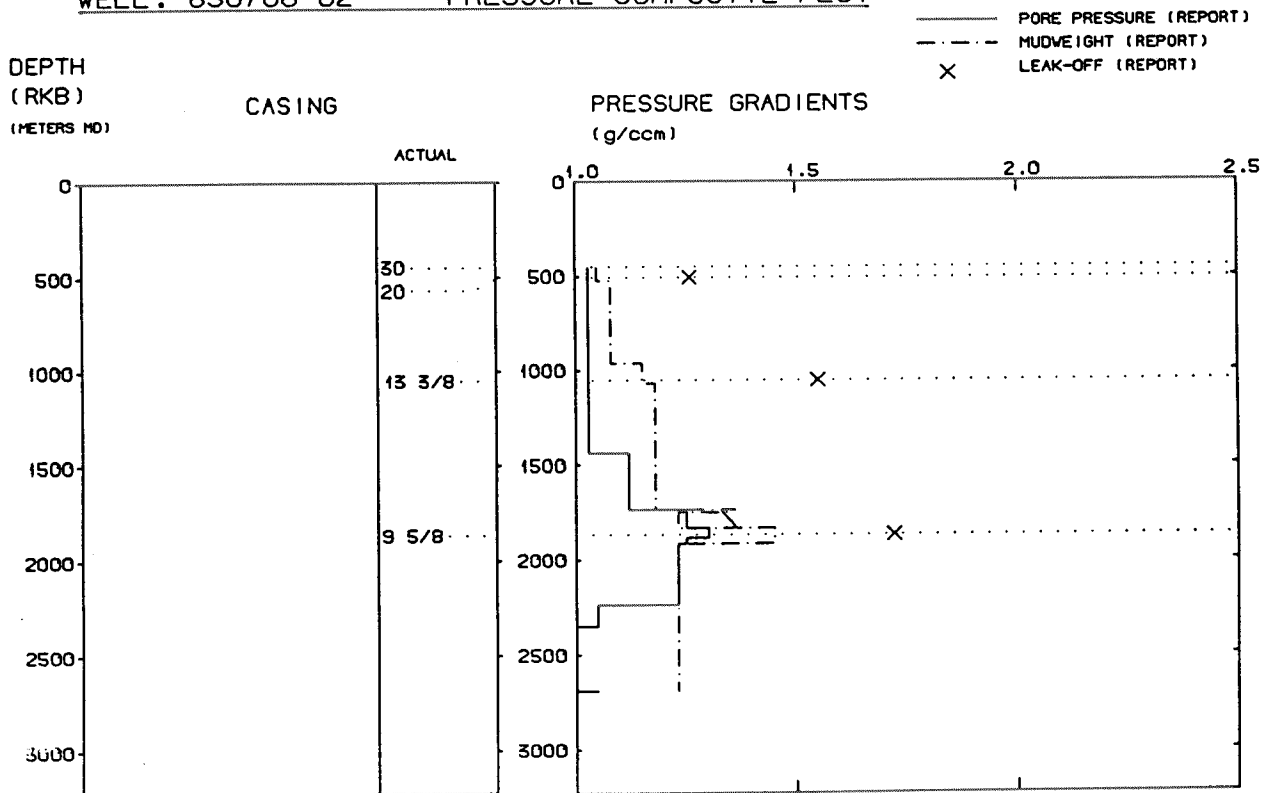
Sub operation	Minutes	Hrs	% of total
LOG	3210	53,5	68,15
CIRC/COND	210	3,5	4,46
CORE	870	14,5	18,47
TRIP	420	7,0	8,92
<i>Total</i>	4710	78,5	100,00

MAIN OPERATION: PLUG & ABANDON

Sub operation	Minutes	Hrs	% of total
CEMENT PLUG	930	15,5	17,61
TRIP	1920	32,0	36,36
CIRC/COND	630	10,5	11,93
MECHANICAL PLUG	420	7,0	7,95
PERFORATE	300	5,0	5,68
CUT	60	1,0	1,14
SQUEEZE	30	0,5	0,57
EQUIP RECOVERY	990	16,5	18,75
<i>Total</i>	5280	88,0	100,00



WELL: 650708 02 PRESSURE COMPOSITE PLOT



Well History 6507/8-2.

GENERAL:

Well 6507/8-2 was the second well to be drilled in the block, and should according to the obligation be drilled on the extended area of the Heidrun field into the block.

The well was designed to drill the Theta structure testing the hydrocarbon potential of the clearly defined structure.

Secondary objectives were to verify geological model and structural interpretation, and to improve the paleontological, geological and geochemical understanding of the area.

T.D. was prognosed to terminate 50 m into the Triassic rocks.

OPERATIONS:

Wildcat well 6507/8-2 was spudded 15 August 1987 by Dyvi Offshore semi-submersibel rig West Delta, and completed 9 September 1987 at a depth of 2690 m RKB in rocks of Upper Triassic age.

Coring commenced from 1894 m RKB to 2000 m RKB in the Tilje and Ror Formations, and a total of three cores were cut.

The Ror Formation came in at 1890 m RKB, and the Tilje Formation Sst at 1945 m RKB. From cores, cuttings and logs these formations were found to be dry. Fangst Group Sst were absent in this well. The well was plugged and abandoned as a dry well.

TESTING:

No DST-tests were performed in this well.

WELL: 6507/8-2.

	Depth m (RKB)
Nordland Group	346,0
Naust Fm	346,0
Kai Fm	1394,0
Hordaland Group	1686,0
Brygge Fm	1686,0
Rogaland Group	1803,0
Tare Fm	1803,0
Tang Fm	1846,0
Båt Group	1861,0
Ror Fm	1861,0
Tilje Fm	1916,0
Åre Fm	2094,0
Triassic Group	2584,0
T.D.	2690,0