WDSS Report

Date: 26/03/98

PB/SKR

Page: 1 / 1

Well no:	Operator:
6608/10-02	STATOIL

Well

Coordinates:

66° 00' 49.35" N

UTM coord.:

7321933.62 N

08° 04' 26.48" E 128

Permit no:

457994.68 E 701

Rig:

ROSS RIG

Rig type:

SEMI-SUB.

Contractor:

License no:

ROSS OFFSHORE A/S

Elev. KB:

23 M

Bottom hole temp:

100 °C 91.10.28

Water depth:

374 M

Spud. date:
Compl. date:

92.01.29

Total depth:

3678 M

Spud. class: Compl. class:

WILDCAT P&A. OIL/GAS/COND.

Form. at TD: Prod.form.:

TRIASSIC JURASSIC

Seisloca:

NRGS 85 - 451, SP. 780

Licensees

10.000000 ENTERPRISE OIL NORWEGIAN AS

15.000000 NORSK HYDRO PRODUKSJON AS

15.000000 SAGA PETROLEUM ASA

50.000000 DEN NORSKE STATS OLJESELSKAP A.S

10.000000 NORSK AGIP AS

Casing and Leak-off Tests

Туре	Casing diam	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	459.0	36	460.0	
INTERM.	20	867.0	26	870.0	1.41
INTERM.	13 3/8	1520.0	17 1/2	1522.0	1.86
INTERM.	9 5/8	2561.0	12 1/4	2564.0	1.95
LINER	7	3330.0	8 1/2	3678.0	1.82

WDSS Report

Date: 26/03/98

PB/SKR

Page: 2 / 2

6608/10-02	STATOIL
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Conventional Cores

Core no.	Intervals cored	Recovery	%
	meters	m	
1	2590.0 - 2616.7	26.7	100.0
2	2617.6 - 2641.0	23.4	100.0
3	2646.0 - 2674.0	28.0	100.0
4	2674.0 - 2682.0	7.8	100.0
5	2686.0 - 2714.2	28.2	100.0
6	2714.2 - 2741.8	27.6	100.0

Mud

Depth	Mud	Visc.	Mud type
1	weight		7.
886.0	1.03	11.0	DUMMY
886.0	1.03	23.0	WATER BASED
920.0	1.20	20.0	WATER BASED
1220.0	1.20	20.0	WATER BASED
1540.0	1.37	29.0	WATER BASED
1542.0	1.37	27.0	WATER BASED
1727.0	1.50	24.0	WATER BASED
1828.0	1.65	28.0	WATER BASED
1911.0	1.63	31.0	WATER BASED
1917.0	1.65	32.0	WATER BASED
2041.0	1.63	33.0	WATER BASED
2561.0	1.20	14.0	WATER BASED
2579.0	1.20	15.0	WATER BASED
2590.0	1.30	23.0	WATER BASED
2674.0	1.30	20.0	WATER BASED
2682.0	1.30	20.0	WATER BASED
2741.0	1.30	22.0	WATER BASED
3013.0	1.30	21.0	WATER BASED
3051.0	1.30	20.0	WATER BASED
3073.0	1.25	21.0	WATER BASED
3276.0	1.20	15.0	WATER BASED
3282.0	1.20	16.0	WATER BASED
3330.0	1.15	14.0	WATER BASED
3335.0	1.20	15.0	WATER BASED
3390.0	1.15	14.0	WATER BASED
3445.0	1.20	18.0	WATER BASED
3617.0	1.20	15.0	WATER BASED
3678.0	1.20	17.0	WATER BASED

WDSS Report

Date: 26/03/98

PB/SKR

Page: 3/3

6608/10-02	STATOIL.
1000007/100002	SIAIUL

Drill Stem Test (intervals and pressures)

	Test no.	Test interval meter	Choke size	Pressure (psi) WHP	ВТНР	FFP
ľ	1.0	2715.0-2720.0	50.8	3972	4028	***************************************
ľ	2.0	2673.0-2695.9	50.8	3923	3978	***************************************
ľ	3.0	2606.0-2610.0	19.1	3942	3898	

Drill Stem Test (recovery)

	Test	Oil	Gas	Oil grav.	Gas grav.	GOR
L	no.	Sm3/d	Sm3/d	g/cm3	rel. air	m3/m3
	1.0	WATER				000 0000000000000000000000000000000000
ſ	2.0	1165	115 335	0.856	0.660	99
	3.0	50	712 000	0.785	0.645	14 500

Drill Bit Cuttings and Wet Samples

Sample type	Interval	Number of
	below KB	samples
WET SAMPLES	860 - 3678	270

Shallow Gas

Interval	Remarks
below KB	
	The state of the s

Available Logs

Log type	Intervals logged	1/200	1/500	
ACBL VDL GR	1563.0 - 2559.0		Activities and the second	***************************************
ACBL VDL GR	2405.0 - 3319.0		American management of the second	
BIT PERFORMANCE PLOT	400.0 - 3678.0	***************************************		

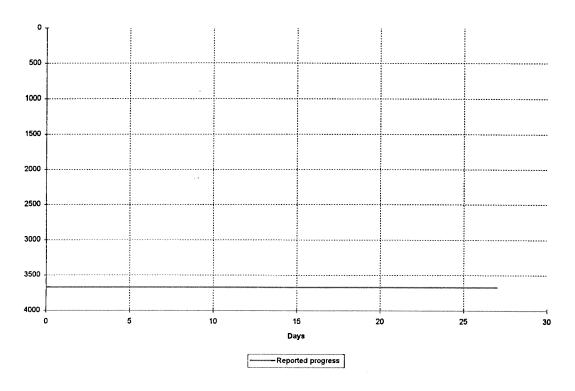
PB/SKR

Page: 4 / 4

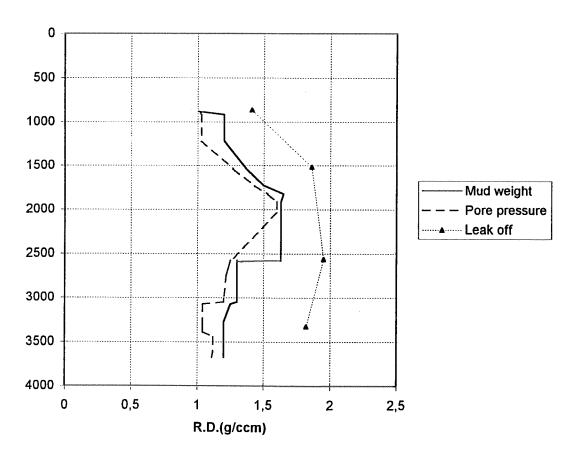
Well no:	Operator:
6608/10-02	STATOIL

	ng menerakan magazar samu erakan menerak dan menerak menerak menerak menerak menerak menerak menerak menerak m		
CALIBRATED LOGS	905.0 - 3645.0		
CALIPER GR/4-ARM	2559.0 - 3331.0	enanceal and a second	
CALIFER GR/4-ARW	2557.0 - 5551.0		AND AND THE PROPERTY OF THE PR
CDM AP	2560.0 - 3332.0		
CDM AP/COMPUTED	1520.0 - 2140.0		
CDM AP/COMPUTED DIP	2559.0 - 3332.0		
CDM AP/COMPUTED DIP	3329.0 - 3661.0		
CORGUN	867.0 – 3660.0		
DIFL LS BHC ACL GR	867.0 - 3661.0		
DLL MLL GR	2559.0 - 2758.0	одинического применения в примен	
FMT	1790.0 - 2800.0		
GR CCL CORRELATION	2429.0 - 2639.0		
LWD CDR/CDN	2100.0 - 2576.0		
MUD	400.0 - 3678.0		
MWD REAL TIME LOG	466.0 - 3335.0		
PRESSURE EVALUATION	850.0 - 3678.0		
SHDT/4-ARM DIPLG GR	3329.0 - 3661.0		
SHDT/4-ARM DIPLOG	2559.0 - 3332.0		
SHDT/4-ARM DIPLOG GR	1520.0 - 2140.0		
SPECTRALOG	2559.0 - 2748.0		
SYNTHETIC SEISMOGRAM			
TWO WAY TRAVEL TIME	900.0 - 3600.0		
VERTICAL SEISMIC	900.0 - 3600.0	00000000000000000000000000000000000000	
VP,VS,VP/VS,BULK	2575.0 - 3650.0		
ZCDL CN GR	867.0 - 3644.0	**************************************	
ZCDL GR	867.0 - 1524.0		

Depth v.s. time plot for well: 6608/10-2



Composite plot for well: 6608/10-2



Main operations for well: 6608/10-2

Main operation: DRILLING

Sub operation:	Minutes:	Hours:	% of total:
BOP ACTIVITIES	1680	28,0	3,12
BOP/WELLHEAD EQ	4770	79,5	8,86
CASING	12330	205,5	22,91
CIRC/COND	4230	70,5	7,86
DRILL	14040	234,0	26,09
HOLE OPEN	1470	24,5	2,73
OTHER	1680	28,0	3,12
PRESS DETECTION	180	3,0	0,33
REAM	1800	30,0	3,34
SURVEY	120	2,0	0,22
TRIP	11430	190,5	21,24
WAIT	90	1,5	0,17
Total	53820	897,0	100,00

Main operation: FORMATION EVAL

Sub operation:	Minutes:	Hours:	% of total:
CIRC SAMPLES	150	2,5	0,34
CIRC/COND	2130	35,5	4,76
CORE	1260	21,0	2,82
DST	27240	454,0	60,86
LOG	10800	180,0	24,13
OTHER	210	3,5	0,47
RFT/FIT	60	1,0	0,13
TRIP	2880	48,0	6,43
WAIT	30	0,5	0,07
Total	44760	746,0	100,00

Main operation: INTERRUPTION

Sub operation:	Minutes:	Hours:	% of total:
FISH	120	2,0	0,56
LOST CIRC	690	11,5	3,25
MAINTAIN/REP	6720	112,0	31,64
OTHER	1020	17,0	4,80
WAIT	12690	211,5	59,75
Total	21240	354,0	100,00

Main operation: MOVING

Sub operation:	Minutes:	Hours:	% of total:
ANCHOR	1320	22,0	35,20
POSITION	60	1,0	1,60
TRANSIT	2370	39,5	63,20
Total	3750	62.5	100,00

Main operation: PLUG & ABANDON

Sub operation:	Minutes:	Hours:	% of total:
CEMENT PLUG	300	5,0	3,48
CIRC/COND	600	10,0	6,97
CUT	2520	42,0	29,27
EQUIP RECOVERY	180	3,0	2,09
MECHANICAL PLUG	750	12,5	8,71
OTHER	900	15,0	10,45
SQUEEZE	810	13,5	9,41
TRIP	2550	42,5	29,62
Total	8610	143,5	100,00

Total time used: 2203,0 Hours

WELL HISTORY 6608/10-2

GENERAL:

The main objective of the well was to test the potential for hydrocarbons in the Fangst Group sandstones (Middle Jurassic). The well was also planned to test a possible sandy equivalent to the Rogn Formation in the Viking Group. The well was planned with TD at 3225m RKB with a commitment to drill into rocks of Triassic age.

OPERATION:

Well 6608/10-2 was spudded on the 28th October 1991 by the semi submersible rig "Ross Rig" and was completed 30th January 1992, in rocks of Late Triassic.

The well was drilled to a total depth of 3678m RKB into the Triassic Åre Formation (Rhaethian). Oil and gas were encountered in the Båt and Fangst Groups (Lower-Middle Jurassic). The Rogn equivalent was not present in the well.

The well was plugged and abandoned as an oil and gas discovery.

TESTING:

Three DST tests were performed in this well. Two in the Tofte Formation (Båt Group) and two in the Garn Formation (Fangst Group)

Geological Tops.

Well: 6608/10-2.

	Depth m (RKB).
Nordland Group	397.0
Naust Fm	724.0
Kai Fm	1352.0
Hordaland Group	1565.0
Brygge Fm	1565.0
Rogaland Group	1857.0
Tare Fm	1857.0
Tang Fm	1913.0
Tang Tin	1713.0
Shetland Group	1951.0
Springar Fm	1951.0
Nise Fm	2151.0
Cromer Knoll Group	2253.0
Lyr Fm	2253.0
<i>2</i> ,	
Viking Group	2346.5
Spekk Fm	2346.5
Melke Fm	2365.0
Fangst Group	2577.5
Garn Fm	2577.5
Not Fm	2611.0
Ile Fm	2618.5
Båt Group	2659.0
Ror Fm	2659.0
Tofte Fm	2668.0
Tilje Fm	2719.0
Åre Fm	2818.0
T.D.	3678.0
	20,0.0