

## WDSS Report

Date: 03/03/98

PB/SKR

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<b>Well no:</b>	<b>Operator:</b>
<b>25/06-02</b>	<b>SAGA</b>

### Well

Coordinates :	59° 33' 39.83" N 02° 49' 13.44" E	UTM coord. :	6602696.66 N 489849.43 E
License no :	117	Permit no :	729
Rig :	TREASURE SAGA	Rig type :	SEMI-SUB.
Contractor :	TRANSOCEAN ASA		
Bottom hole temp:	81.5 °C	Elev. KB :	26 M
Spud. date :	92.04.26	Water depth :	118 M
Compl. date :	92.05.29	Total depth :	2392 M
Spud. class :	WILDCAT	Form. at TD :	JURASSIC
Compl. class :	P&A. DRY HOLE	Prod.form. :	
Seisloca :	SG 8603 - 411, SP. 799		

### Licensees

15.000000 FINA PRODUCTION LICENCES AS  
 15.000000 SAGA PETROLEUM ASA  
 50.000000 DEN NORSKE STATS OLJESELSKAP A.S  
 20.000000 NORSK AGIP AS

### Casing and Leak-off Tests

Type	Casing diam	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	257.0	36	257.0	
INTERM.	20	1030.0	26	1031.0	1.65
INTERM.	13 3/8	2026.0	17 1/2	2026.0	1.65
OPEN HOLE		2392.0	12 1/4	2392.0	

### Conventional Cores

Core no.	Intervals cored meters	Recovery m	%

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### Mud

Depth	Mud weight	Visc.	Mud type
370.0	1.15	6.0	WATER BASED
798.0	1.15	4.0	WATER BASED
1045.0	1.15	4.0	WATER BASED
1046.0	1.19	20.0	WATER BASED
1046.0	1.25	14.0	WATER BASED
1328.0	1.30	22.0	WATER BASED
1388.0	1.35	25.0	WATER BASED
1609.0	1.35	31.0	WATER BASED
1740.0	1.35	32.0	WATER BASED
2050.0	1.20	20.0	WATER BASED
2225.0	1.20	24.0	WATER BASED
2266.0	1.20	24.0	WATER BASED
2392.0	1.20	26.0	WATER BASED

### Drill Stem Test (intervals and pressures)

Test no.	Test interval meter	Choke size	Pressure (psi) WHP	BTHP	FFP
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### Drill Stem Test (recovery)

Test no.	Oil Sm3/d	Gas Sm3/d	Oil grav. g/cm3	Gas grav. rel. air	GOR m3/m3
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### Drill Bit Cuttings and Wet Samples

Sample type	Interval below KB	Number of samples
WET SAMPLES	250 - 2392	180
CUTTINGS	250 - 2352	60

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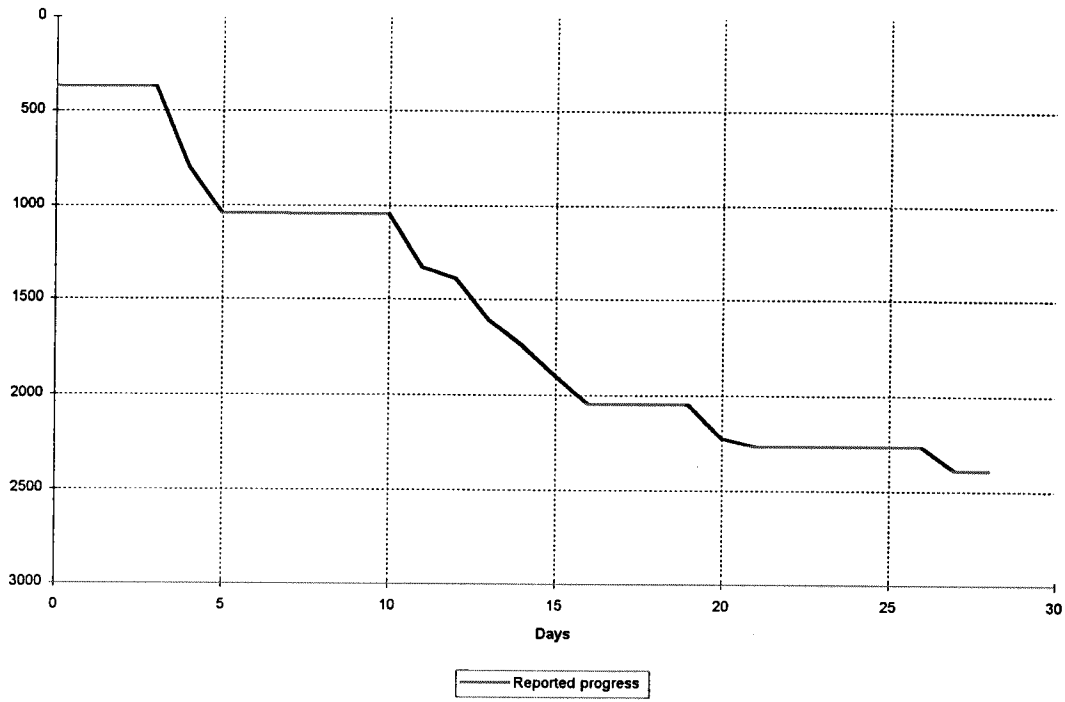
### Shallow Gas

Interval below KB	Remarks

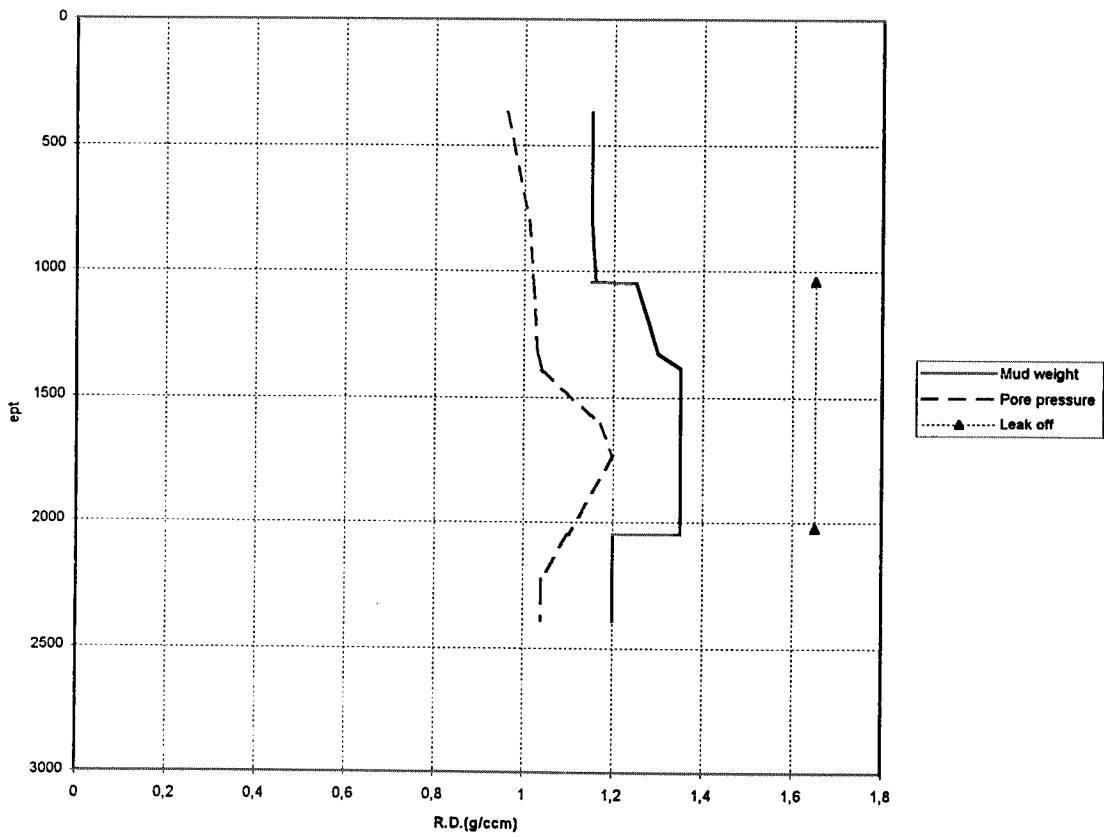
### Available Logs

Log type	Intervals logged	1/200	1/500	
CST GR	2040.0 - 2392.0			
DIL MSFL LSS	2027.0 - 2395.0			
DLL LSS GR CALI	1031.0 - 2040.0			
LDL CNL GR	2027.0 - 2395.0			
LDL GR	1031.0 - 2040.0			
MDT GR	2173.0 - 2343.0			
MSD	2030.0 - 2390.0			
MWD	200.0 - 2315.0			
MWD	1045.0 - 2050.0			
MWD RESISTIVITY	1030.0 - 1400.0			
RWD RESISTIVITY	195.0 - 1045.0			
SHDT GR	2027.0 - 2396.0			
SYNTHETIC SEISMOGRAM				
WELL SITE LITHO LOG	263.0 - 2392.0			
VERTICAL SEISMIC				
WSC	1000.0 - 2350.0			
VSP				
ZERO OFFSET VSP				

Depth v.s. time plot for well: 25/6-2



Composite plot for well: 25/6-2



## Main operations for well: 25/6-2

### Main operation: DRILLING

Sub operation:	Minutes:	Hours:	% of total:
BOP ACTIVITIES	1170	19,5	4,23
BOP/WELLHEAD EQ	1350	22,5	4,88
CASING	3810	63,5	13,77
CIRC/COND	2190	36,5	7,92
DRILL	8400	140,0	30,37
HOLE OPEN	1080	18,0	3,90
OTHER	60	1,0	0,22
PRESS DETECTION	300	5,0	1,08
REAM	780	13,0	2,82
TRIP	5970	99,5	21,58
UNDERREAM	1890	31,5	6,83
WAIT	660	11,0	2,39
<b>Total</b>	<b>27660</b>	<b>461,0</b>	<b>100,00</b>

### Main operation: FORMATION EVAL

Sub operation:	Minutes:	Hours:	% of total:
CIRC SAMPLES	120	2,0	4,08
LOG	2820	47,0	95,92
<b>Total</b>	<b>2940</b>	<b>49,0</b>	<b>100,00</b>

### Main operation: INTERRUPTION

Sub operation:	Minutes:	Hours:	% of total:
MAINTAIN/REP	11430	190,5	83,19
OTHER	2280	38,0	16,59
WELL CONTROL	30	0,5	0,22
<b>Total</b>	<b>13740</b>	<b>229,0</b>	<b>100,00</b>

### Main operation: MOVING

Sub operation:	Minutes:	Hours:	% of total:
ANCHOR	1080	18,0	45,57
POSITION	90	1,5	3,80
TRANSIT	1200	20,0	50,63
<b>Total</b>	<b>2370</b>	<b>39,5</b>	<b>100,00</b>

### Main operation: PLUG & ABANDON

Sub operation:	Minutes:	Hours:	% of total:
CEMENT PLUG	210	3,5	9,33
CIRC/COND	90	1,5	4,00
CUT	180	3,0	8,00
EQUIP RECOVERY	450	7,5	20,00
OTHER	30	0,5	1,33
TRIP	1290	21,5	57,33
<b>Total</b>	<b>2250</b>	<b>37,5</b>	<b>100,00</b>

Total time used:  Hours

# WELL HISTORY 25/6-2

## GENERAL:

The well 25/6-2 is located in the southern part of block 25/6, approximately 175km Northwest of Stavanger on the northern part of the Utsira High.

Utsira High forms the southern part of western rim of the Horda Platform and lies between the South Viking Graben to the west and Stord Basin to the east.

The main objectives for the well 25/6-2 were to test the hydrocarbon potential of the Paleocene Ty Formation in the Delta and Beta prospect and the extension of the Middle Jurassic Brent Group discovery in well 25/6-1. The Ty Formation prospect was anticipated to comprise of clastic, gravity fan deposits. The well location was in a position that would test both a mapped simple closure at this level and a larger stratigraphic trap interpreted to be characterised by sands pinching out to the south.

## OPERATION:

The well 25/6-2 was spudded the 26<sup>th</sup> April 1992 by the semi-submersible rig "Treasure Saga" and completed 29<sup>th</sup> May 1992 in the Dunlin Group.

The well was drilled to a total depth of 2392m RKB. No hydrocarbon was encountered in any of the prospective intervals, and only one show was described from a single cutting sample recovered from the Brent Group. The tops prognosed for the well were within the expected margin of error for the Top Balder and Top Shetland seismic markers. However, the tops prognosed for the Top Ty, base Cretaceous, top Brent, and top Dunlin markers were off by as much as 65m. Therefore, the top of the Brent was encountered 39.5m below the oil water contact in the Brent discovery at 25/6-1.

The well was plugged and abandoned as a dry well.

## TESTING:

No DST tests were performed in this well.

# Geological Tops.

## Well: 25/6-2.

	Depth m (RKB).
Nordland Group	145.0
Utsira Fm	768.0
Hordaland Group	927.0
Grid Fm	1640.0
Rogaland Group	1927.0
Balder Fm	1927.0
Sele Fm	1984.0
ListaFm	2053.0
Ty Fm	2154.5
Shetland Group	2207.0
Cromer Knoll Group	2239.0
Rødby Fm	2239.0
Sola Fm	2256.0
Mime Fm	2261.5
Viking Group	2278.0
Draupne Fm	2278.0
Heather Fm	2301.0
Brent Group	2324.0
Dunlin Group	2345.0
T.D.	2392.0