

WDSS Report

Date: 03/03/98

PB/SKR

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Well no:	Operator:
30/03-05 S	STATOIL

Well

Coordinates :	60° 46' 57.82" N 02° 53' 52.70" E	UTM coord. :	6738750.57 N 494443.81 E
License no :	52	Permit no :	728
Rig :	VESLEFRIKK A	Rig type :	PERM. INST.
Contractor :	STATOIL		
Bottom hole temp:	120 °C	Elev. KB :	56 M
Spud. date :	92.05.01	Water depth :	175 M
Compl. date :	92.07.17	Total depth :	4724 M
Spud. class :	WILDCAT	Form. at TD :	E.JURASSIC
Compl. class :	RE-CLASS. TO PROD.	Prod.form. :	E/M.JURA
Seisloca :	ST 8513-148, CDP. 176		

Licensees

9.000000 NORSK HYDRO PRODUKSJON AS
 2.250000 NORSKE DEMINEX AS
 55.000000 DEN NORSKE STATS OLJESELSKAP A.S
 4.500000 SVENSKA PETROLEUM EXPLORATION AS
 18.000000 TOTAL NORGE AS
 11.250000 DEMINEX NORGE AS

Casing and Leak-off Tests

Type	Casing diam	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	26	463.0	30	464.0	
INTERM.	20	1153.0	24	1409.0	1.65
INTERM.	13 3/8	2548.0	17 1/2	2551.0	1.94
INTERM.	9 5/8	3955.0	12 1/4	3956.0	1.62
LINER	7	4530.0	8 1/2	4724.0	

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Conventional Cores

Core no.	Intervals cored meters	Recovery m	%
1	4060.0 - 4066.0	6.0	100.0
2	4076.0 - 4107.6	31.6	100.0
3	4108.0 - 4160.7	52.7	100.0
4	4168.0 - 4213.0	45.0	100.0
5	4429.0 - 4445.6	16.6	100.0

Mud

Depth	Mud weight	Visc.	Mud type
510.0	1.12	11.0	WATER BASED
886.5	1.19	12.0	WATER BASED
1327.0	1.20	18.0	WATER BASED
1409.0	1.20	15.0	WATER BASED
1409.0	1.20	20.0	WATER BASED
1752.0	1.40	23.0	WATER BASED
1827.0	1.50	21.0	WATER BASED
1975.0	1.60	30.0	WATER BASED
2266.0	1.60	32.0	WATER BASED
2524.0	1.63	35.0	WATER BASED
2551.0	1.62	35.0	OIL BASED
2697.0	1.62	35.0	OIL BASED
3034.0	1.62	35.0	OIL BASED
3296.0	1.62	59.0	OIL BASED
3393.0	.00	54.0	OIL BASED
3474.0	.00	50.0	OIL BASED
3679.0	1.61	50.0	OIL BASED
3761.0	1.61	49.0	OIL BASED
3899.0	1.61	47.0	OIL BASED
3956.0	1.22	28.0	OIL BASED
4027.0	1.20	24.0	OIL BASED
4076.0	1.20	24.0	OIL BASED
4108.0	1.22	28.0	OIL BASED
4160.0	1.23	26.0	OIL BASED
4173.0	1.23	30.0	OIL BASED
4236.0	1.23	27.0	OIL BASED
4429.0	1.23	32.0	OIL BASED
4446.0	1.23	28.0	OIL BASED
4466.0	1.23	28.0	OIL BASED
4562.0	1.23	28.0	OIL BASED
4672.0	1.23	28.0	OIL BASED

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4724.0	1.23	28.0	OIL BASED
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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 Sm ³ /d	Gas Sm ³ /d	Oil grav. g/cm ³	Gas grav. rel. air	GOR m ³ /m ³
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Drill Bit Cuttings and Wet Samples

Sample type	Interval below KB	Number of samples
WET SAMPLES	480 - 4710	450
CUTTINGS	480 - 4710	270

Shallow Gas

Interval below KB	Remarks

Available Logs

Log type	Intervals logged	1/200	1/500
CEMENT BOND LOG	3600.0 - 4478.0		
CERT GR CCL	3580.0 - 4265.0		
DPR RESISTIVITY GR	450.0 - 4724.0		
HSD	4386.0 - 4453.0		
LDL CNL GR	3961.0 - 4615.0		

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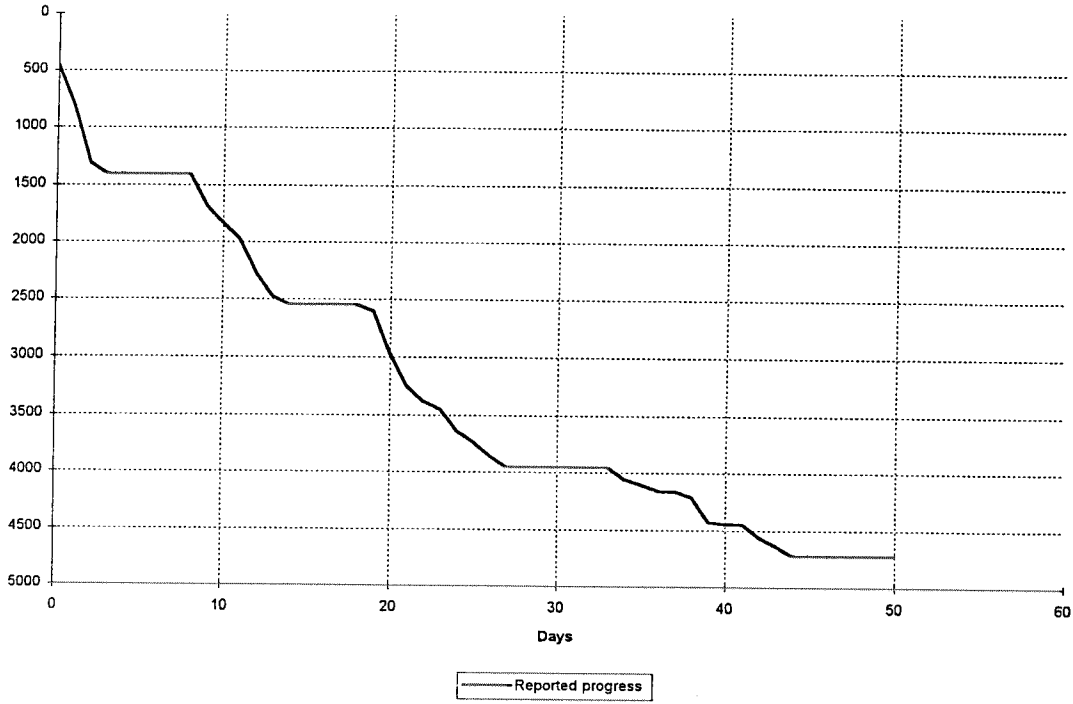
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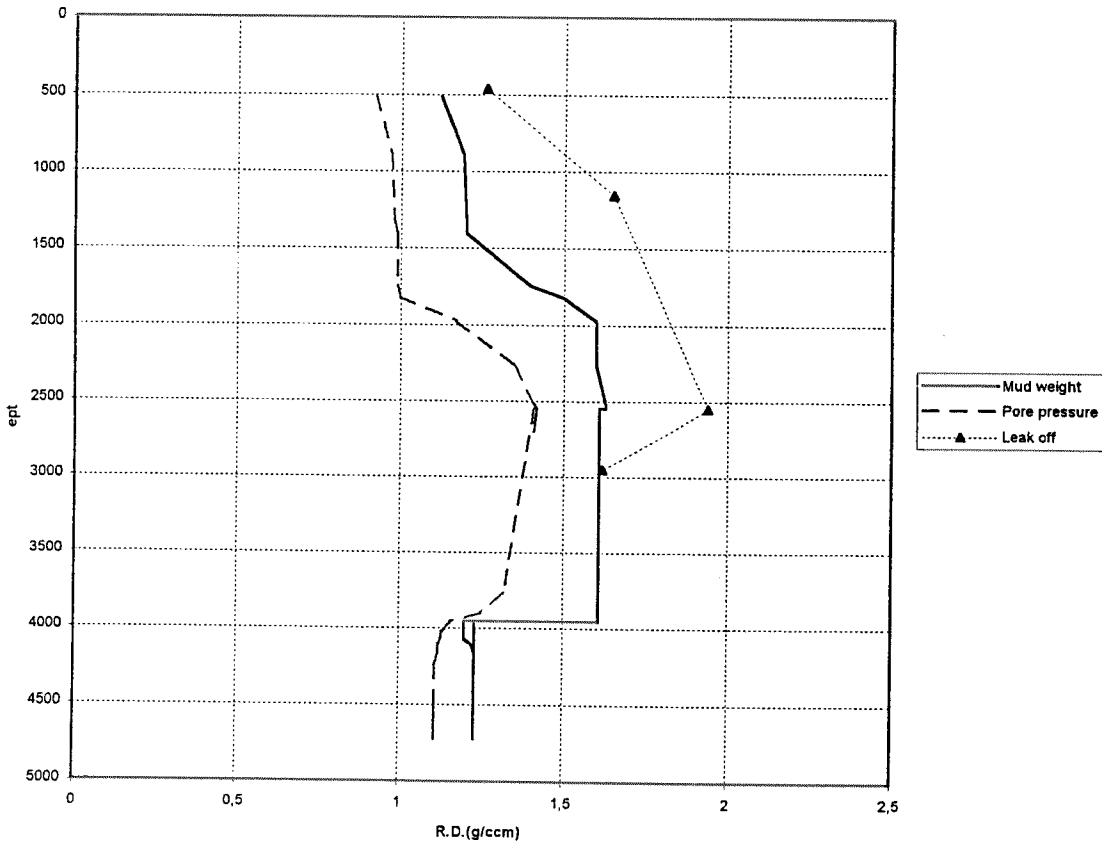
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PI BHC GR	3961.0 - 4532.0			
PRODN.PACKER SETTING	4060.0 - 4300.0			
RFT HP	4053.0 - 4436.0			

Depth v.s. time plot for well: 30/3-5 S



Composite plot for well: 30/3-5 S



Main operations for well: 30/3-5 S

Main operation: COMPLETION

Sub operation:	Minutes:	Hours:	% of total:
BOP/WELLHEAD EQ	660	11,0	6,30
CIRC/COND	1470	24,5	14,04
COMPL STRING	3660	61,0	34,96
OTHER	4290	71,5	40,97
WAIT	90	1,5	0,86
WIRE LINE	300	5,0	2,87
Total	10470	174,5	100,00

Main operation: DRILLING

Sub operation:	Minutes:	Hours:	% of total:
BOP ACTIVITIES	1350	22,5	1,72
BOP/WELLHEAD EQ	4470	74,5	5,71
CASING	18930	315,5	24,18
CIRC/COND	2370	39,5	3,03
DRILL	24450	407,5	31,23
OTHER	12090	201,5	15,44
REAM	4620	77,0	5,90
SURVEY	960	16,0	1,23
TRIP	8850	147,5	11,30
WAIT	210	3,5	0,27
Total	78300	1305,0	100,00

Main operation: FORMATION EVAL

Sub operation:	Minutes:	Hours:	% of total:
CORE	2070	34,5	18,65
LOG	3960	66,0	35,68
OTHER	1620	27,0	14,59
RFT/FIT	300	5,0	2,70
TRIP	3150	52,5	28,38
Total	11100	185,0	100,00

Main operation: INTERRUPTION

Sub operation:	Minutes:	Hours:	% of total:
FISH	480	8,0	13,33
MAINTAIN/REP	2850	47,5	79,17
OTHER	270	4,5	7,50
Total	3600	60,0	100,00

Main operation: MOVING

Sub operation:	Minutes:	Hours:	% of total:
SKID	210	3,5	100,00
Total	210	3,5	100,00

Total time used: 1728,0 Hours

WELL HISTORY 30/03-5 S

GENERAL:

Exploration well 30/03-5 S was drilled on the "G" prospect, located in Production Licence 052, and the main target was the Brent Group with early Jurassic Statfjord Formation as a secondary target.

OPERATION:

The well was spudded by the rig "Veslefrikk A" 29 April 1992 and was completed 3 July 1992 at a depth of 4724m MD in rocks of early Jurassic age (Statfjord Formation). The top of the Brent Group was penetrated at 4050m MD, this was 8.0m vertically deeper than prognosed. As expected, a fully developed Brent Group is present in the well. Apart from the Amundsen/Burton Formation, which came in 3.5m shallower than prognosed, the formation tops came in slightly deeper than prognosed. The thickness of the formations are close to the prognosis with a maximum difference for the Drake Formation which is 6m thinner than prognosed.

The well proved presence of hydrocarbons and is completed as oil producer in the "G"-prospect.

An unsuccessful attempt was made to reach the additional target in the Statfjord Formation.

TESTING:

No DST test was performed in the well.

Geological Tops.

Well: 30/3-5 S.

	Depth m (RKB).
Nordland Group	802.0
Utsira Fm	802.0
Hordaland Group	1027.0
Rogaland Group	2560.0
Balder Fm	2560.0
Sele Fm	2674.0
Lista Fm	2717.0
Shetland Group	3304.0
Viking Group	3787.0
Brent Group	4050.0
Tarbert Fm	4050.0
Etive Fm	4127.0
Rannoch Fm	4142.0
Oseberg Fm	4155.0
Dunlin Group	4243.0
Drake Fm	4243.0
Amundsen Fm	4494.0
Statfjord Fm	4538.0
T.D.	4724.0