COMPLETION LOG

STATOIL

Prepared by:	A. Nødtvedt
Controlled by:	Ø. Mjelde
Recommended by:	E. Graue
Approved by:	I. Morvik
Date:	03.09.2003

OPERATOR: STATOIL (61%)

PARTNERS: PETORO (30%), HYDRO (9%)

EXPLORATION WELL: 34/10-47 A (N7-DOLLY)

PROSPECT STRUCTURE: GULLFAKS SATELLITES, TAMPEN SPUR

WELL INFORMATION SUMMARY
GULLFAKS SATELLITES
EXPLORATION WELL 34/10-47 A

License Number:	PL050/PL050B
Block Number:	0034/10
Well:	0034/10-47 A
Well type:	Exploration well
Rig:	Deepsea Trym
Water depth:	140.0m MSL
RKB-MSL:	25.0m
Primary objective:	Exploration of the Lower Jurassic Statfjord Prospect.
TD:	3016m MD RKB (2921 m TVD RKB)
Formation at TD:	Statfjord Formation
Start of operation:	02.11.2002
End of operation:	14.11.2002
Well status:	Permanently plugged (sidetrack). Mother well 34/10-47 ST2 temporarily plugged and abandoned.

Slot 4 co-ordinates:

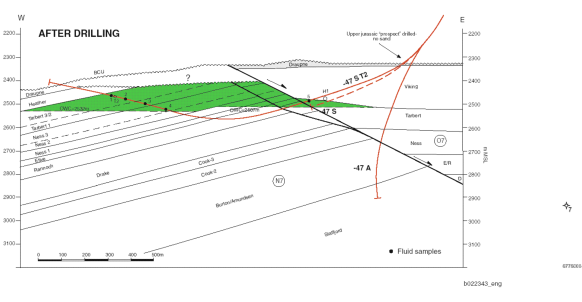
UTM:	Geographic:
6 772 000.91m N	61o 10' 52.5" N
444 190.52m E	02o 03' 11.1" E

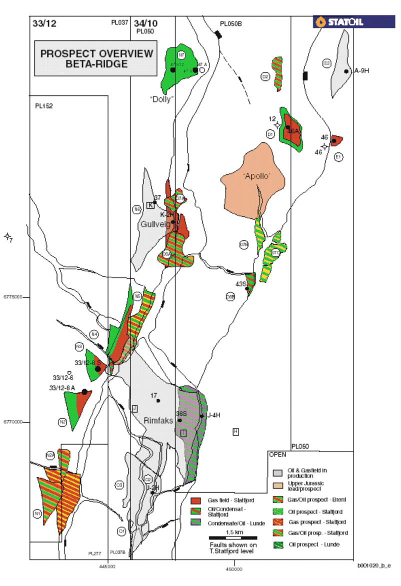
Casing size	Casing depth m MD RKB/m TVD RKB	Hole size	Hole depth m MD RKB/m TVD RKB	Mud type /mud weight	Test type	Result g/cm3
Well	34/10-47 S /ST2					
30"	223,7/223,7	36"	227/227	Seawater/CMC/1,03 g/cm3 EMW		
20"	719,3/718,7	26"	725/724,5	Seawater/CMC/1,03 g/cm3 EMW	LOT	1,63
13 3/8"	1931,2/1918,7	17 ½"	1939/1926,2	Glydril/1,20-1,38 g/cm3 EMW	FIT	1,76
		12 ¼"	1944/1930,9	Glydril/1,40 g/cm3 EMW		
Well	34/10-47 A					
		8 ½"	3016/2920,7	OBM/Versavert/1.50-1,63 g/cm3		

Well 34/10-47 A was sidetracked from well 34/10-47 ST2 at 2215 m MD/2180,9 m TVD RKB in the Shetland Group. The sidetrack 34/10-47 A turned out to be a dry well.

Well objectives

Primary objective for 34/10-47 S / ST2 was to test the potential for hydrocarbons in the Lower Jurassic Statfjord Prospect.





LWD Run Summary 34/10-47 A						
Section: 8 ½" Contractor: Schlumberger D&M						
Run	Logging Service (tool combination)	Pass	Pass direct.	Log speed	Interval [m MD]	Pass remark
1	Vision 675/VADN	Drilling	Down	ROP	2260-3017	Kicking off @ 2215 mMD
Run Remark.						

ELECTRICAL LOGS RUN					CONTRACTOR: SCLUMBERGER	
Run ID	Logs run	Depth Top	Depth Bottom	Pass	Pass direct.	Comments
1A	VSP-DSI	730	2970	Main	Up	
1A	VSP-DSI	1388	3020	Main	Up	
1A	VSP-DSI	1920	2052	repeat	Up	
Run remark: DSI were run in cross dipole mode and monopole mode. VSP was run with a rig source						

KOP from 34/10-47 S@2215 m MD/2180.9 m TVD RKB

NOTE: Sonic log plotted on a linear scale

CLST 1: lt gry-med gry-olv gry, frm-hd, blky, non-calc

TR LST 1: lt gry-lt yel, occ yelsh brn-dk yelsh brn, frm, blky

TR DOL: dsky yelsh brn, hd, blky

CLST 1: lt gry-med gry-olv gry, frm-hd, blky, non-calc

Top C. KNOLL GP. 2404 m MD/2345,4 m TVD RKB

LS: lt yelsh gry-lt brnsh gry,mod hd-hd,blky,

TOP VIKING GP. 2414 m MD/2354.0 m TVD RKB
Top Draupne Fm. 2414 m MD/2354,1 m TVD RKB

MARL: rdsh brn, frm-hd

CLST: grysh blk-olv blk,grd blk,frm-mod hd, sbblky,pyr,non-calc

Top Heather Fm. 2431 m MD/2368.8 m TVD RKB

CLST 2: dk gry, frm-mod hd, blky, slily calc

CLST: dk gry, frm-mod hd, blky, slily calc, micropyr

LST 3: lt gry-yelsh gry, frm-hd, blky

CLST 3: dk gry-dk brnsh gry, frm-mod hd, blky, slily calc, micropyr

TR SD: lse qrtz, clr, fn-med, pred med, subang, occ lst cem agg

TOP BRENT GP. 2631.5 m MD/2547.8 m TVD RKB
Top Tarbert Fm. 2631.5 m MD/2547.8 m TVD RKB

CLST 4: dk gry-dk brnsh gry, frm-mod hd, blky, non-calc

SST 1: qrtz, clr-trnsl-yelsh wh, vf-f, occ med, occ slty, subrnd-subang, prly sr

SST 2: grysh wh-yelsh wh, vf, calc cmntd

SST 3: qrtz, clr-trnsl-yelsh wh, vf-med, occ slty, subrnd-subang, prly srtd, occ

SST 4: qrtz, clr-trnsl-yelsh wh, vf-med, occ crs, occ slty, subrnd-subang, prly

CLST 4: dk gry-dk brnsh gry, frm-mod hd, blky, non-calc

COAL: blk, blky, brittle, frm

SLTST 1: lt gry-med gry-yelsh wh, calc cmntd

COAL: blk, blky, brittle, frm

SLST: lt-m gry, yelsh wh, calc cmt

SST 4: qrtz, clr-trnsl-yelsh wh, vf-med, occ crs, occ slty, subrnd-subang, prly incr. calc cmntd

SST 4: qrtz, clr-trnsl-yelsh wh, vf-med, occ crs, occ slty, subrnd-subang, prly incr. calc cmntd

CLST 4: dk gry-dk brnsh gry, frm-mod hd, blky, non-calc

Top Ness Fm. 2729 m MD/2637.7 m TVD RKB

SST 4: qrtz, clr-trnsl-yelsh wh, vf-med, occ crs, occ slty, subrnd-subang, prly

SST 4: qrtz, clr-trnsl-yelsh wh, vf-med, occ crs, occ slty, subrnd-subang, prly

CLST 4: dk gry-dk brnsh gry, frm-mod hd, blky, non-calc

TOP DUNLIN GP. 2793 m MD/2698.9 m TVD RKB
Top Burton Fm. 2793 m MD/2698.9 m TVD RKB

Top Amundsen Fm. 2818 m MD/2723.3 m TVD RKB

CLST 5: brnsh blk-olv blk, frm-mod hd, blky, non-calc

TR SD: lse qrtz, clr-trnsl, med-crs, subang-subrnd, occ lst cem agg

LST 4: lt gry-yelsh gry-yelsh brn, frm-mod hd, blky

DOL: dk yelsh brn, mod hd-hd, blky

CLST 5: brnsh blk-olv blk, frm-mod hd, blky, non-calc

TR LST 4: lt gry-yelsh gry-yelsh brn, frm-mod hd, blky

CLST 5: brnsh blk-olv blk, frm-mod hd, blky, non-calc

Top Statfjord Fm. 2964 m MD/2868.8 m TVD RKB

SST: clr-trnsl Qtz Gr,m-crs,occ f,mod srt,sbang,lse

SST 5: qrtz, clr-trnsl, med-crs, occ fn, subang, lse

SLTST 2: olv gry-lt gry, frm-hd, slily calc, tr lst

CLST 6: brnsh blk-olv blk, hd, blky, non-calc

SLTST 2: olv gry-lt gry, frm-hd, slily calc, tr lst

SST 5: qrtz, clr-trnsl, med-crs, occ fn, subang, lse

TD 3016 m MD/2921 m TVD RKB

LITHOLOGY LEGEND

- CLST-X-X
- LS-X-CALC
- LS-X-X
- SST-X-X
- SST-X-SLTY
- C-X-X
- CLST-X-SLTY

Survey listing 34/10-47 A

Depth MD	Depth TVD	Inc.	Azimuth	North	East	Vertical	Dogleg
2227.84	2191.73	25.6	287.74	608.39	-7510.05	202.5	3.52
2257.44	2218.92	27.5	286.21	614.31	-7521.08	214.44	2.06
2288.39	2246.1	29.8	279.09	617.52	-7535.53	228.26	3.99
2316.65	2270.43	31.3	274.37	619.19	-7549.79	242.13	3.04
2345.9	2295.46	31	271.63	619.98	-7564.91	256.97	1.49
2374.62	2320.12	30.6	270.82	620.3	-7579.62	271.48	0.58
2405.63	2346.85	30.4	267.75	620.1	-7595.35	287.07	1.53
2435.08	2372.34	29.8	264.19	619.07	-7610.06	301.77	1.92
2464.29	2397.79	29	262	617.35	-7624.28	316.09	1.34
2494.8	2424.62	27.9	261.91	615.32	-7638.67	330.62	1.12
2523.06	2449.7	27	261.72	613.47	-7651.56	343.65	0.91
2551.64	2475.23	26.4	261.74	611.62	-7664.27	356.49	0.65
2581.89	2502.48	25	263.44	609.92	-7677.29	369.69	1.54
2612.55	2530.41	23.7	266.25	608.28	-7689.36	381.79	1.7
2640.86	2556.33	23.7	268.32	607.74	-7700.72	393.11	0.88
2671.48	2584.4	23.5	267.74	607.32	-7712.95	405.27	0.31
2698.78	2609.53	22.6	266.53	606.79	-7723.62	415.9	1.05
2727.86	2636.62	20	264.14	605.94	-7734.15	426.44	2.84
2756.66	2663.9	17.3	261.45	604.8	-7743.29	435.65	2.94
2786.92	2692.97	14.8	261.98	603.59	-7751.58	444.03	2.47
2815.88	2721.18	11.2	260.61	602.61	-7758.04	450.56	3.74
2846.21	2751.12	7.18	258.64	601.76	-7762.81	455.41	4.02
2875.02	2779.79	3.59	256.12	601.2	-7765.46	458.1	3.75
2904.1	2808.85	0.24	248.15	600.96	-7766.4	459.07	3.46
2935.43	2840.18	0.11	117.93	600.92	-7766.43	459.11	0.31
2965.37	2870.12	0.03	54.12	600.91	-7766.4	459.08	0.1
2994.29	2899.04	0.08	98.42	600.89	-7766.35	459.03	0.06

Formation tops 34/10-47 A

Surface name 34/10-47 A	MD	TVDSS	Easting	Northing
CROMER KNOLL GP.	2404.00	-2320.44	448794.8	6783454.0
Draupne Fm.	2414.00	-2329.09	448789.8	6783453.7
Heather Fm.	2431.00	-2343.81	448781.3	6783453.1
BRENT GP.	2631.50	-2522.76	448691.8	6783442.3
Tarbert-3	2631.50	-2522.76	448691.8	6783442.3
Ness Fm.	2729.00	-2612.70	448654.3	6783440.3
DUNLIN GP.	2793.00	-2673.90	448635.8	6783437.8
Burton Fm.	2793.00	-2673.90	448635.8	6783437.8
Amundsen Fm.	2818.00	-2698.28	448630.4	6783437.0
DUNLIN GP.	2964.00	-2843.75	448622.4	6783435.3
Statfjord Fm.	2964.00	-2843.75	448622.4	6783435.3
Nansen Mbr.	2964.00	-2843.75	448622.4	6783435.3
TD	3020.00	-2899.75	448622.4	6783435.3

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