COMPLETION LOG

STATOIL

Prepared by: Stefan Ødegård
Controlled by:
Recommended by:
Approved by:
Date: 20.08.2002

EXPLORATION WELL **34/10-43S**
PROSPECT STRUCTURE GULLFAKS SATELLITES
PARTNERS NORSK HYDRO

WELL INFORMATION

Well data record

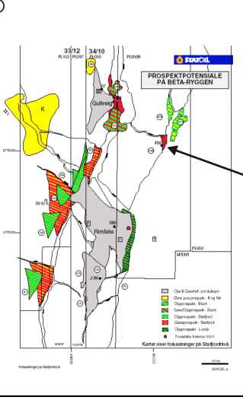
License Number:	PL050
Block Number:	0034/10
Well:	0034/10-43S
Well type:	Exploration well
Rig:	T.O. Wildcat
Water depth:	139.0m MSL
RKB-MSL:	25.0m
Primary objective:	Exploration of Statfjord prospect
TD: (RKB)	5725m MD RKB (3219.9m TVD
Group at TD:	Cromer Knoll Group
Start of operation:	24.02.2001
End of operation:	11.04.2001
Well status:	Plugged and abandoned

Slot co-ordinates:

UTM: 6 775 410.98 m N, 448 789.00 m E
Geographic: 61° 06' 30.8" N, 02° 02' 59.8" E

Well objectives

Primary objective for 34/10-43S was to test the potential for hydrocarbons in Middle Jurassic sandstones of the Statfjord Formation.
The secondary objective was another hydrocarbon investigation of the Brent Group, Cook- and Lunde Formation.
A tertiary objective was to penetrate Paleocene in an optimal position for exploring the lowermost part for sand/hydrocarbons (Ty Formation) and at TD, a prospect of the Late Jurassic, Munin Member.



33/12
34/10
PROSPEKTPOTENSIALE PÅ BETA-RYGGEN
Gullveig
Rimfaks
34/10-43S
Kartet viser forkastninger på Statfjordnivå

LITHOLOGY LEGEND

CLST-X-GLAUC
CLST.SDY-X-GLAUC
CLST-X-FOSS
SST-X-GLAUC
CLST.SLTY-X-CALC
SST.CL-X-GLAUC
CLST.SLTY-X-GLAUC
CLST.SLTY-X-PYR
CLST.SLTY-X-MIC
CLST.SLTY-CALC-GLAUC
CLST.SLTY-CALC-MIC
CLST-CALC-GLAUC
SST-X-ARG
CLST-X-PYR
CLST-X-SLTY
CLST-X-TF
TF-X-X
TF-CALC-X
LS.DOL-DOL-X
CLST.SLTY-X-X
SLTST-X-ARG
SST.SLTY-X-ARG
LS-X-X
CLST-X-CALC
LS-X-GLAUC
LS-X-DOL
CLST-X-X
LS-X-ARG
SST-CALC-ARG
SH-X-X
SH-X-CALC
SH-X-PYR
SH-X-CARB
LS-X-SID
SST-X-SID
SST-X-CALC
SST-X-MIC
SLTST.SDY-X-GLAUC
SLTST.SDY-X-CARB
SLTST.SDY-X-CALC
SLTST.SDY-X-ARG
SST.SLTY-X-X
C-X-X
SST-CALC-GLAUC
SST-X-X
SST-CALC-X
SLTST-X-CALC
SST-CALC-MIC
LS-X-LIG
SST-X-KAO
SH-X-ARG
SH-X-KAO
SH-CALC-X

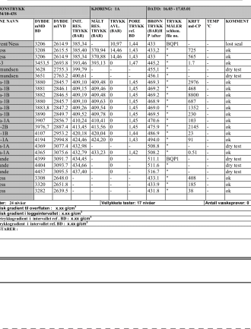
REMARKS:

WIRE LINE DATA FROM 3086.40-4480.86 m MD

RT FROM WIRE LINE IS PLOTTED TOGETHER WITH RES DATA FROM LWD

GR VALUES ARE MANIPULATED FROM 681.1-2120.2 m MD. USE AS TREND LINE ONLY

Surface name	MD	TVD	Easting	Northing
Utsira Fm. Top	866.00	855.40	448896.2	6775411.8
Utsira Fm. Base	997.00	982.92	448925.9	6775407.8
HORDALAND GP. Top	997.00	982.92	448925.9	6775407.8
HORDALAND GP. Base	1817.00	1775.97	449131.9	6775398.3
Balder Fm. Top	1817.00	1775.97	449131.9	6775398.3
Balder Fm. Base	1891.00	1844.84	449158.9	6775399.3
Lista Fm. Top	1891.00	1844.84	449158.9	6775399.3
Lista Fm. Base	2049.00	1984.70	449232.3	6775401.9
SHETLAND GP. Top	2049.00	1984.70	449232.3	6775401.9
SHETLAND GP. Base	3162.50	2625.48	450089.9	6775399.3
CROMER KNOLL GP. Top	3162.50	2625.48	450089.9	6775399.3
CROMER KNOLL GP. Base	3175.00	2629.66	450101.7	6775398.9
BCU	3175.00	2629.66	450101.7	6775398.9
Heather Fm. Top	3175.00	2629.66	450101.7	6775398.9
Heather Fm. Base	3204.00	2639.24	450129.0	6775397.9
BRENT GP. GF-SAT Top	3204.00	2639.24	450129.0	6775397.9
Ness Fm. GF-SAT Top	3204.00	2639.24	450129.0	6775397.9
Ness-1 GF-SAT Top	3204.00	2639.24	450129.0	6775397.9
Ness-1 GF-SAT Base	3303.00	2671.35	450222.6	6775394.3
Ness Fm. GF-SAT Base	3303.00	2671.35	450222.6	6775394.3
Etive Fm. GF-SAT Top	3303.00	2671.35	450222.6	6775394.3
Rannoch Fm. GF-SAT Top	3326.00	2678.78	450244.4	6775393.7
Etive Fm. GF-SAT Base	3326.00	2678.78	450244.4	6775393.7
Drake Fm. GF-SAT Top	3345.00	2684.92	450262.3	6775393.2
Rannoch Fm. GF-SAT Base	3345.00	2684.92	450262.3	6775393.2
BRENT GP. GF-SAT Base	3345.00	2684.92	450262.3	6775393.2
DUNLIN GP. GF-SAT Top	3345.00	2684.92	450262.3	6775393.2
Cook-3 GF-SAT Top	3434.00	2712.90	450346.8	6775390.4
Drake Fm. GF-SAT Base	3434.00	2712.90	450346.8	6775390.4
Cook Fm. GF-SAT Top	3434.00	2712.90	450346.8	6775390.4
Cook-3 GF-SAT Base	3483.00	2729.27	450392.9	6775389.1
Cook-2 GF-SAT Top	3483.00	2729.27	450392.9	6775389.1
Cook-2 GF-SAT Base	3508.00	2738.37	450416.2	6775388.4
Cook-1 GF-SAT Top	3508.00	2738.37	450416.2	6775388.4
Cook-1 GF-SAT Base	3544.00	2751.44	450449.7	6775387.4
Cook Fm. GF-SAT Base	3544.00	2751.44	450449.7	6775387.4
Burton Fm. GF-SAT Top	3544.00	2751.44	450449.7	6775387.4
Amundsen Fm. GF-SAT Top	3600.00	2770.70	450502.3	6775386.2
Burton Fm. GF-SAT Base	3600.00	2770.70	450502.3	6775386.2
Nansen-1 GF-SAT Top	3877.50	2869.75	450761.4	6775382.8
Amundsen Fm. GF-SAT Base	3877.50	2869.75	450761.4	6775382.8
DUNLIN GP. GF-SAT Base	3877.50	2869.75	450761.4	6775382.8
Statfjord Fm. GF-SAT Top	3877.50	2869.75	450761.4	6775382.8
Nansen Mbr. GF-SAT Top	3877.50	2869.75	450761.4	6775382.8
Nansen-1B GF-SAT Top	3877.50	2869.75	450761.4	6775382.8
Nansen-1B GF-SAT Base	3911.50	2883.57	450792.5	6775382.6
Nansen-1A GF-SAT Top	3911.50	2883.57	450792.5	6775382.6
Nansen-1A GF-SAT Base	3946.00	2898.46	450823.6	6775382.6
Nansen-1 GF-SAT Base	3946.00	2898.46	450823.6	6775382.6
Nansen Mbr. GF-SAT Base	3946.00	2898.46	450823.6	6775382.6
Eiriksson Mbr. GF-SAT Top	3946.00	2898.46	450823.6	6775382.6
Eiriksson-2 GF-SAT Top	3946.00	2898.46	450823.6	6775382.6
Eiriksson-2B GF-SAT Top	3946.00	2898.46	450823.6	6775382.6
Eiriksson-2B GF-SAT Base	3985.00	2917.00	450857.9	6775383.0
Eiriksson-2A GF-SAT Top	3985.00	2917.00	450857.9	6775383.0
Eiriksson-2A GF-SAT Base	4037.10	2942.96	450903.1	6775384.4
Eiriksson-2 GF-SAT Base	4037.10	2942.96	450903.1	6775384.4
Eiriksson-1 GF-SAT Top	4037.10	2942.96	450903.1	6775384.4
Eiriksson-1B GF-SAT Top	4037.10	2942.96	450903.1	6775384.4
Eiriksson-1B GF-SAT Base	4104.00	2976.65	450960.8	6775386.4
Eiriksson-1A GF-SAT Top	4104.00	2976.65	450960.8	6775386.4
Eiriksson-1A GF-SAT Base	4164.92	3006.13	451014.1	6775386.1
Eiriksson-1 GF-SAT Base	4164.92	3006.13	451014.1	6775386.1
Eiriksson Mbr. GF-SAT Base	4164.92	3006.13	451014.1	6775386.1
Raude Mbr. GF-SAT Top	4164.92	3006.13	451014.1	6775386.1
Raude-2 GF-SAT Top	4164.92	3006.13	451014.1	6775386.1
Raude-2B GF-SAT Top	4164.92	3006.13	451014.1	6775386.1
Raude-2B GF-SAT Base	4214.00	3029.24	451057.4	6775385.4
Raude-2A GF-SAT Top	4214.00	3029.24	451057.4	6775385.4
Raude-2A GF-SAT Base	4269.50	3055.57	451106.3	6775384.9
Raude-2 GF-SAT Base	4269.50	3055.57	451106.3	6775384.9
Raude-1 GF-SAT Top	4269.50	3055.57	451106.3	6775384.9
Raude-1B GF-SAT Top	4269.50	3055.57	451106.3	6775384.9
Raude-1B GF-SAT Base	4318.00	3078.47	451149.0	6775384.3
Raude-1A GF-SAT Top	4318.00	3078.47	451149.0	6775384.3
Raude-1A GF-SAT Base	4370.11	3102.96	451195.0	6775383.5
Raude-1 GF-SAT Base	4370.11	3102.96	451195.0	6775383.5
Raude Mbr. GF-SAT Base	4370.11	3102.96	451195.0	6775383.5
Statfjord Fm. GF-SAT Base	4370.11	3102.96	451195.0	6775383.5
HEGRE GP. GF-SAT Top	4370.11	3102.96	451195.0	6775383.5
Lunde Fm. GF-SAT Top	4370.11	3102.96	451195.0	6775383.5
Lunde Fm. GF-SAT Base	4950.00	3285.67	451733.8	6775383.4
HEGRE GP. GF-SAT Base	4950.00	3285.67	451733.8	6775383.4
Heather Fm. Base	4950.00	3285.67	451733.8	6775383.4
Heather Fm. Top	5360.00	3280.83	452140.2	6775427.1
Draupne Fm. Base	5360.00	3280.83	452140.2	6775427.1
Munin Base Mbr.	5449.00	3272.30	452228.2	6775437.4
Munin Top Mbr.	5462.00	3270.59	452240.9	6775439.0
Munin Base Mbr.	5522.00	3259.89	452299.7	6775445.0
Munin Top Mbr.	5528.00	3258.72	452305.5	6775445.5
Draupne Fm. Top	5675.00	3229.97	452448.7	6775461.9
Cretaceous Base	5675.00	3229.97	452448.7	6775461.9
CROMER KNOLL GP. Base	5675.00	3229.97	452448.7	6775461.9
CROMER KNOLL GP. Top	5725.00	3219.88	452497.1	6775469.4
TD	5725.00	3219.88	452497.1	6775469.4



Directional Data

MD	Inc	Dir	TVD	Grid E	Grid N	X-Offset	Y-Offset	Semi-Major	Semi-Minor	Minor Rotn	Vertical
164.00	0.00	0.00	164.00	448789.00	6775410.98	-7599.88	-7426.50	0.00	0.00	N/A	0.69
170.00	0.48	135.23	170.00	448789.02	6775410.96	-7599.86	-7426.52	0.01	0.01	N/A	0.69
180.00	0.62	127.82	180.00	448789.09	6775410.90	-7599.79	-7426.58	0.03	0.03	N/A	0.69
190.00	0.49	102.97	190.00	448789.17	6775410.85	-7599.71	-7426.62	0.04	0.04	N/A	0.69
200.00	0.61	98.63	200.00	448789.27	6775410.84	-7599.61	-7426.64	0.06	0.06	N/A	0.69
210.00	0.66	105.45	210.00	448789.38	6775410.81	-7599.51	-7426.66	0.08	0.08	N/A	0.69
220.00	0.66	112.62	220.00	448789.49	6775410.78	-7599.40	-7426.70	0.09	0.09	N/A	0.69
230.00	0.63	111.12	230.00	448789.59	6775410.73	-7599.29	-7426.74	0.11	0.11	N/A	0.69
240.00	0.66	96.65	240.00	448789.71	6775410.71	-7599.18	-7426.77	0.13	0.13	N/A	0.69
250.00	0.87	84.33	250.00	448789.83	6775410.71	-7599.05	-7426.77	0.14	0.14	N/A	0.69
260.00	1.29	80.12	259.99	448790.02	6775410.73	-7598.86	-7426.74	0.16	0.16	N/A	0.70
270.00	1.78	80.32	269.99	448790.28	6775410.78	-7598.60	-7426.70	0.18	0.17	N/A	0.70
280.00	2.24	82.15	279.98	448790.63	6775410.83	-7598.26	-7426.64	0.19	0.19	N/A	0.70
290.00	2.50	85.23	289.98	448791.04	6775410.88	-7597.84	-7426.60	0.21	0.21	N/A	0.70
300.00	2.74	86.46	299.96	448791.49	6775410.91	-7597.39	-7426.57	0.23	0.22	N/A	0.70
310.00	3.22	83.95	309.95	448792.01	6775410.96	-7596.87	-7426.52	0.25	0.24	N/A	0.71
320.00	3.77	82.66	319.93	448792.62	6775411.03	-7596.27	-7426.45	0.27	0.26	N/A	0.71
330.00	4.37	82.97	329.91	448793.32	6775411.12	-7595.56	-7426.36	0.28	0.27	353.09	0.71
340.00	4.98	82.13	339.87	448794.13	6775411.22	-7594.75	-7426.26	0.30	0.29	352.33	0.71
350.00	5.57	81.34	349.83	448795.04	6775411.35	-7593.84	-7426.12	0.32	0.31	351.61	0.72
360.00	6.15	81.54	359.78	448796.05	6775411.51	-7592.83	-7425.97	0.34	0.33	351.73	0.72
370.00	6.71	81.61	369.72	448797.15	6775411.67	-7591.73	-7425.81	0.36	0.34	351.74	0.72
380.00	7.23	81.55	379.64	448798.35	6775411.85	-7590.52	-7425.63	0.38	0.36	351.65	0.73
390.00	7.73	81.15	389.56	448799.64	6775412.04	-7589.24	-7425.43	0.40	0.38	351.25	0.73
400.00	8.12	81.22	399.46	448801.00	6775412.25	-7587.88	-7425.22	0.42	0.40	351.27	0.73
410.00	8.43	81.61	409.36	448802.43	6775412.47	-7586.45	-7425.01	0.44	0.42	171.58	0.74
420.00	8.72	82.00	419.25	448803.90	6775412.68	-7584.98	-7424.80	0.46	0.44	171.91	0.74
430.00	9.00	82.46	429.13	448805.43	6775412.89	-7583.45	-7424.59	0.47	0.45	172.34	0.75
440.00	9.24	83.22	439.00	448807.00	6775413.09	-7581.88	-7424.39	0.49	0.47	173.11	0.75
450.00	9.45	84.09	448.87	448808.61	6775413.27	-7580.26	-7424.21	0.51	0.49	174.08	0.76
460.00	9.66	84.49	458.73	448810.26	6775413.43	-7578.61	-7424.05	0.53	0.51	354.59	0.76
470.00	9.84	85.08	468.58	448811.95	6775413.58	-7576.93	-7423.89	0.55	0.53	355.45	0.77
480.00	9.98	85.51	478.44	448813.66	6775413.73	-7575.21	-7423.75	0.56	0.55	356.23	0.77
490.00	10.13	85.59	488.28	448815.40	6775413.86	-7573.47	-7423.61	0.58	0.57	356.62	0.78
500.00	10.30	86.16	498.12	448817.17	6775413.99	-7571.70	-7423.49	0.60	0.59	N/A	0.78
510.00	10.46	86.97	507.96	448818.97	6775414.10	-7569.90	-7423.38	0.62	0.61	N/A	0.79
520.00	10.67	88.20	517.79	448820.80	6775414.17	-7568.07	-7423.30	0.64	0.63	N/A	0.80
530.00	10.85	89.92	527.61	448822.67	6775414.20	-7566.20	-7423.27	0.66	0.65	N/A	0.80
540.00	10.97	90.76	537.43	448824.56	6775414.19	-7564.31	-7423.29	0.67	0.67	N/A	0.81
550.00	11.06	91.32	547.25	448826.47	6775414.16	-7562.40	-7423.32	0.69	0.69	N/A	0.82
560.00	11.12	91.88	557.06	448828.39	6775414.10	-7560.48	-7423.37	0.71	0.71	N/A	0.82
570.00	11.19	91.86	566.87	448830.32	6775414.04	-7558.55	-7423.44	0.74	0.73	N/A	0.83
580.00	11.24	91.57	576.68	448832.27	6775413.98	-7556.60	-7423.49	0.76	0.74	79.46	0.84
590.00	11.31	91.79	586.49	448834.22	6775413.93	-7554.65	-7423.55	0.78	0.76	81.27	0.84
600.00	11.44	92.23	596.29	448836.19	6775413.86	-7552.68	-7423.62	0.80	0.78	82.25	0.85
610.00	11.56	92.02	606.09	448838.18	6775413.78	-7550.68	-7423.69	0.82	0.80	83.57	0.86
620.00	11.69	91.57	615.89	448840.19	6775413.72	-7548.67	-7423.76	0.84	0.82	84.74	0.87
630.00	11.85	91.61	625.68	448842.23	6775413.66	-7546.63	-7423.81	0.86	0.83	85.32	0.87
640.00	11.99	91.76	635.46	448844.30	6775413.60	-7544.56	-7423.87	0.88	0.85	85.75	0.88
650.00	12.13	91.89	645.24	448846.38	6775413.54	-7542.48	-7423.94	0.90	0.87	86.14	0.89
660.00	12.25	92.03	655.01	448848.49	6775413.46	-7540.37	-7424.01	0.92	0.89	86.48	0.90
670.00	12.40	91.80	664.78	448850.63	6775413.39	-7538.23	-7424.08	0.95	0.91	86.93	0.90
680.00	12.56	91.70	674.55	448852.79	6775413.33	-7536.07	-7424.15	0.97	0.93	87.26	0.91
690.00	12.69	92.09	684.31	448854.97	6775413.25	-7533.89	-7424.22	0.99	0.94	87.38	0.92
700.00	12.83	92.04	694.06	448857.18	6775413.17	-7531.68	-7424.30	1.01	0.96	87.65	0.93
710.00	12.95	91.80	703.81	448859.40	6775413.10	-7529.45	-7424.38	1.03	0.98	87.95	0.94
720.00	13.08	91.94	713.55	448861.65	6775413.03	-7527.20	-7424.45	1.05	1.00	88.10	0.95
730.00	13.18	92.04	723.29	448863.92	6775412.95	-7524.93	-7424.53	1.08	1.02	88.25	0.96
740.00	13.26	91.79	733.02	448866.21	6775412.87	-7522.65	-7424.61	1.10	1.03	88.49	0.97
750.00	13.33	91.57	742.76	448868.51	6775412.80	-7520.35	-7424.67	1.12	1.05	88.68	0.97
760.00	13.41	91.55	752.49	448870.82	6775412.74	-7518.03	-7424.74	1.14	1.07	88.80	0.98
770.00	13.48	91.45	762.21	448873.14	6775412.68	-7515.71	-7424.80	1.16	1.09	88.93	0.99
780.00	13.57	91.19	771.93	448875.48	6775412.63	-7513.37	-7424.85	1.19	1.11	89.07	1.00
790.00	13.67	91.09	781.65	448877.83	6775412.58	-7511.02	-7424.90	1.21	1.12	89.16	1.01
800.00	13.77	91.01	791.37	448880.20	6775412.54	-7508.65	-7424.94	1.23	1.14	89.24	1.02
810.00	13.87	91.05	801.08	448882.59	6775412.49	-7506.26	-7424.98	1.25	1.16	89.29	1.03
820.00	13.94	91.30	810.78	448884.99	6775412.44	-7503.85	-7425.03	1.28	1.18	89.31	1.04
830.00	14.02	91.64	820.49	448887.41	6775412.38	-7501.44	-7425.10	1.30	1.20	89.33	1.05
840.00	14.09	92.61	830.19	448889.83	6775412.29	-7499.01	-7425.19	1.32	1.21	89.27	1.06
850.00	14.15	94.17	839.89	448892.27	6775412.15	-7496.58	-7425.33	1.34	1.23	89.18	1.07
860.00	14.22	95.01	849.58	448894.71	6775411.95	-7494.14	-7425.53	1.37	1.25	89.23	1.08
870.00	14.21	95.50	859.28	448897.15	6775411.73	-7491.69	-7425.75	1.39	1.27	89.35	1.09
880.00	14.12	96.05	868.97	448899.59	6775411.48	-7489.26	-7426.00	1.41	1.29	89.49	1.10
890.00	14.00	96.70	878.67	448902.00	6775411.21	-7486.84	-7426.27	1.44	1.30	89.62	1.11
900.00	13.91	96.99	888.38	448904.39	6775410.92	-7484.45	-7426.55	1.46	1.32	89.79	1.12