TOTAL, DEMINEX, SVENSKA PETROLEUM, NORSK HYDRO

PARTNERS

STATOIL

WELL **30/3-7A**

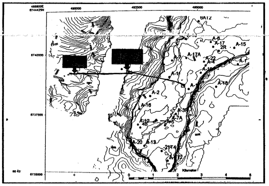
Veslefrikk K-prospect

PROSPECT STRUCTURE

TOP LOG
1 : 500

AREA:	Veslefrikk
LICENCE:	Pl 052
COORDINATES:	6 738 755.4 m N 494 432.5 m E
K.B.:	56 m
WATER DEPTH:	175 m
TOTAL DEPTH:	6678 m
FM. AT T.D.:	Drake Formation
SPUD DATE:	14th November 1997
RIG RELEASE:	29th January 1998
WELL STATUS:	Exploration
RIG:	VFA
CONTRACTOR:	Smedvig
GEOLOGIST:	Helle,Netland,Alstadsæter,Monsen,Furmyr,Eikefet,Bjerkenes,Aga,Sørensen,Graue,Ingdahl
PREPARED BY:	L.J. Skjold DATE: 28.02.97

LOCATION MAP



CASING DATA / LEAK OFF TESTS

Window in 9 5/8" 3336 mMD/2397 mTVD		1.80 g/cc(FIT)
7"	5705 m MD/3290.6 m TVD	

VELOCITY SURVEY

Check shots from TD to 7" shoe.

LOGS RUN

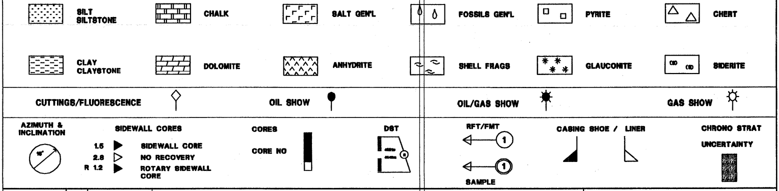
CONTRACTOR: ATLAS WIRELINE SERVICES

8 1/2" SECTION BHI MPR	Runs 5 - 10	3336 - 5706 m MD	6" SECTION		
			TTRM/GR/CND/ZDL/ MAC/HDIL/VSP	1A	6670 - 5681 m MD
			TTRM/GR/CND/ZDL/ MAC/MRIL	1A	5690 - 6659 m md
			VSP/HDIL/DPIL/GR	1A	3114 - 2888 m MD
			RCI/GR/div.	1A	6353 - 6581 m MD
			RCI/GR	2B	6510 - 6592 m MD
			FMT/GR	1A	6536 - 6592 m MD
			BHI MPR	Runs 11 - 16	5733 - 6678 m MD

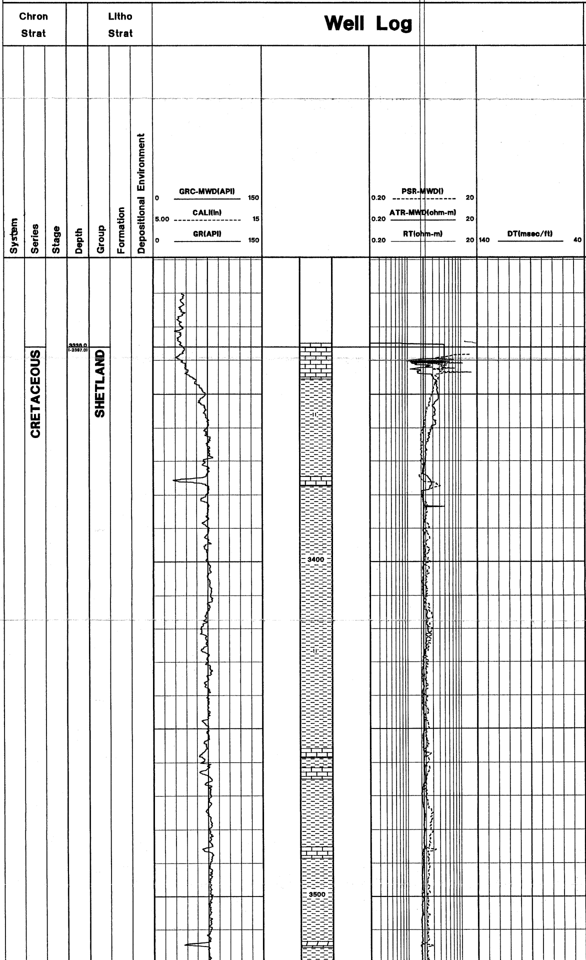
COMMENTS: Well side-tracked from 30/3-7S T2

LITHOLOGICAL SYMBOLS

CONGLOMERATE	SHALE	MARL	COAL LIGNITE	FORAMS	MICA
SAND SANDSTONE	LIMESTONE	TUFF	WOOD FRAGS	BURROWS	KAOLINITE



Well Log



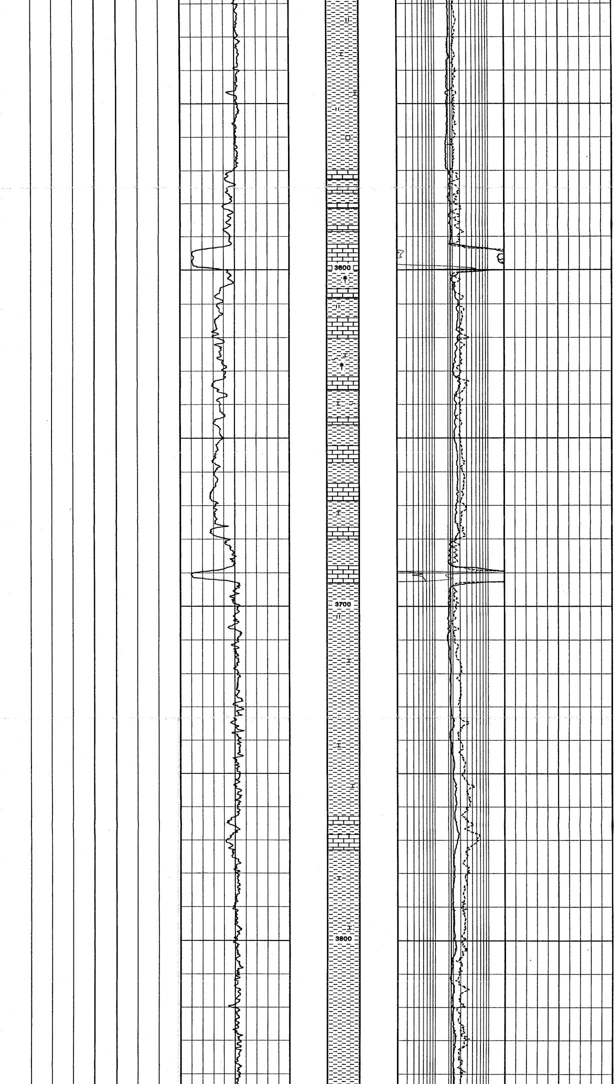
Lithological Descriptions

Shetland Gp 3338-5708 m MD/2397-3291 m TVD RKB:

Ls: yel gry, frm - occ mod hd, blky - ang, cryptoxln - sli micr, tr glauc i.p, arg.

Clst: pred med dk gry - med gry, frm - sft, blky, gen calc - non Calc

Dol: lt yel brn, olv gry, frm - mod hd, cryptoxln, sli arg.

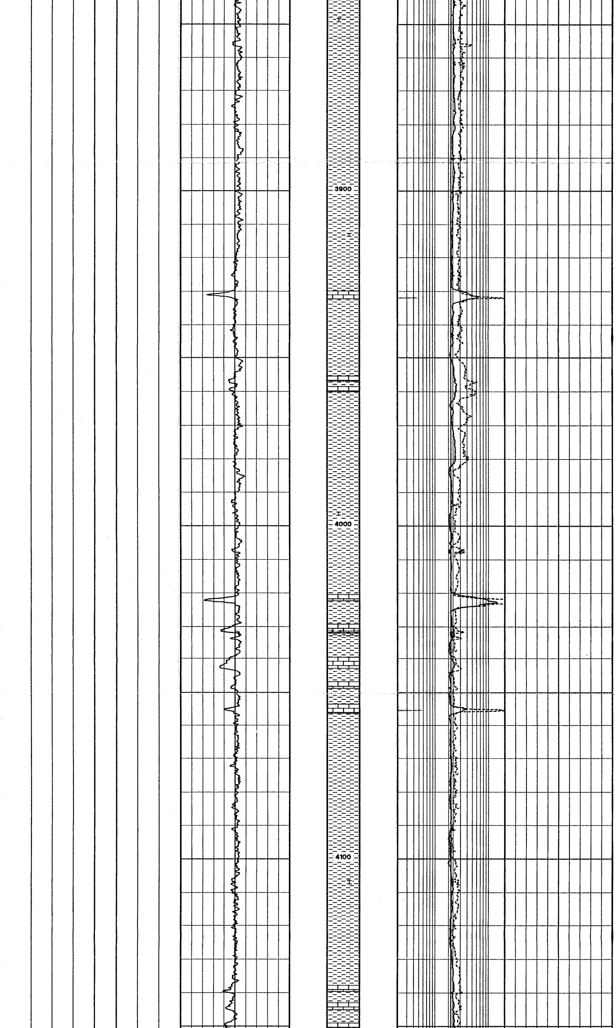


Ls: yel gry, frm - occ mod hd, blky - ang, cryptoxln - sl micr, tr glauc i.p, arg.

Clst: pred med dk gry - med gry, frm - sft, blky, v calc - grad Mrl: gry rd - dk rd brn, frm - sft, blky, sl slty I.P., tr glauc

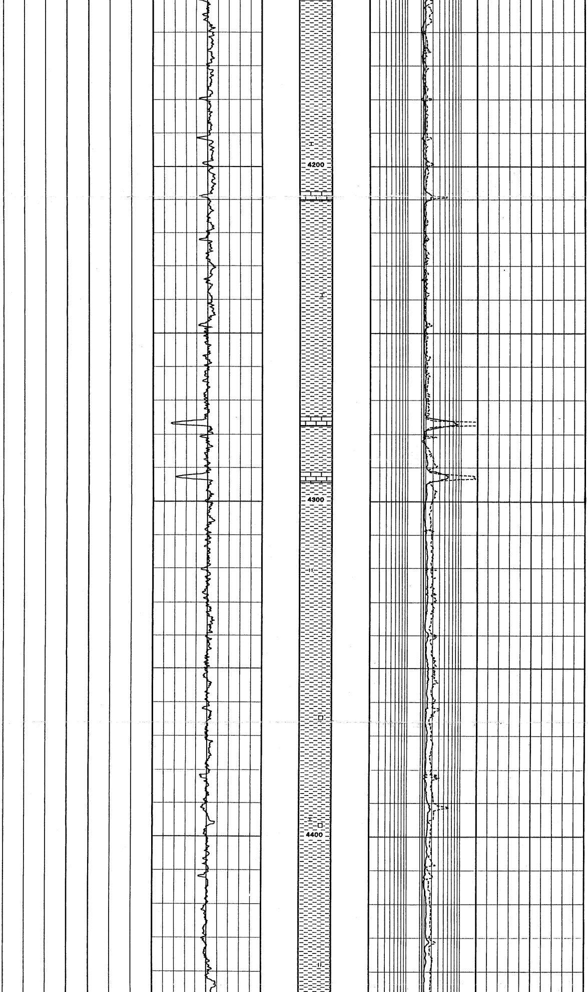
Clst: med-dk gry, dk olv gry, occ gn gry i.p., sft-frm, mod hd i.p., sl calc, with few lst strng.

Lst: mod brn-dk yel brn, mod gry i.p., sft-frm, blky, arg

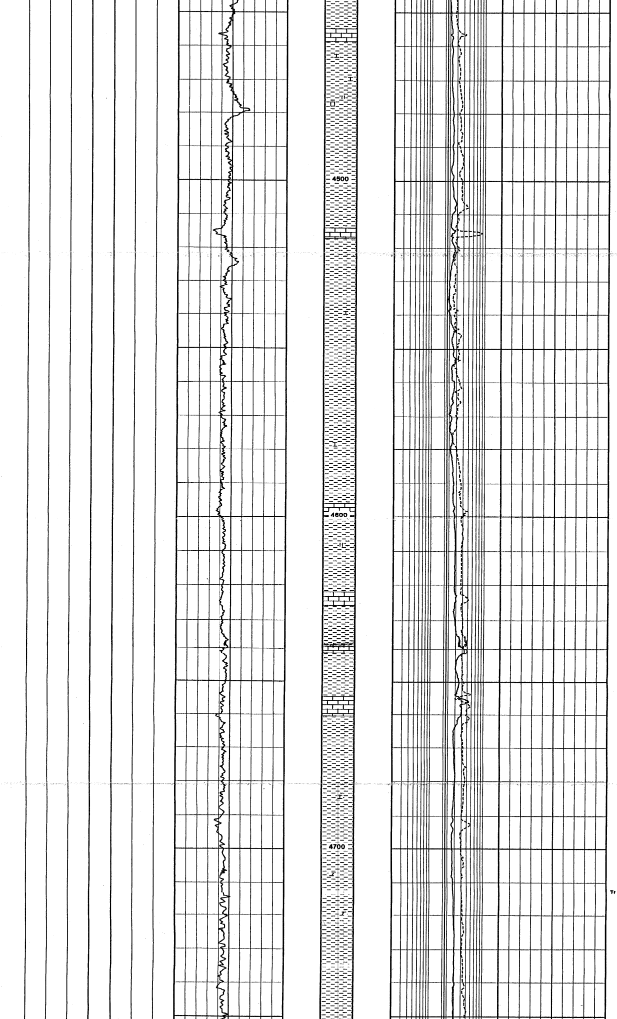


Clst: med-dk gry, olv gry, occ gn gry i.p., sft-frm, sl calc - calc, with few lst strng.

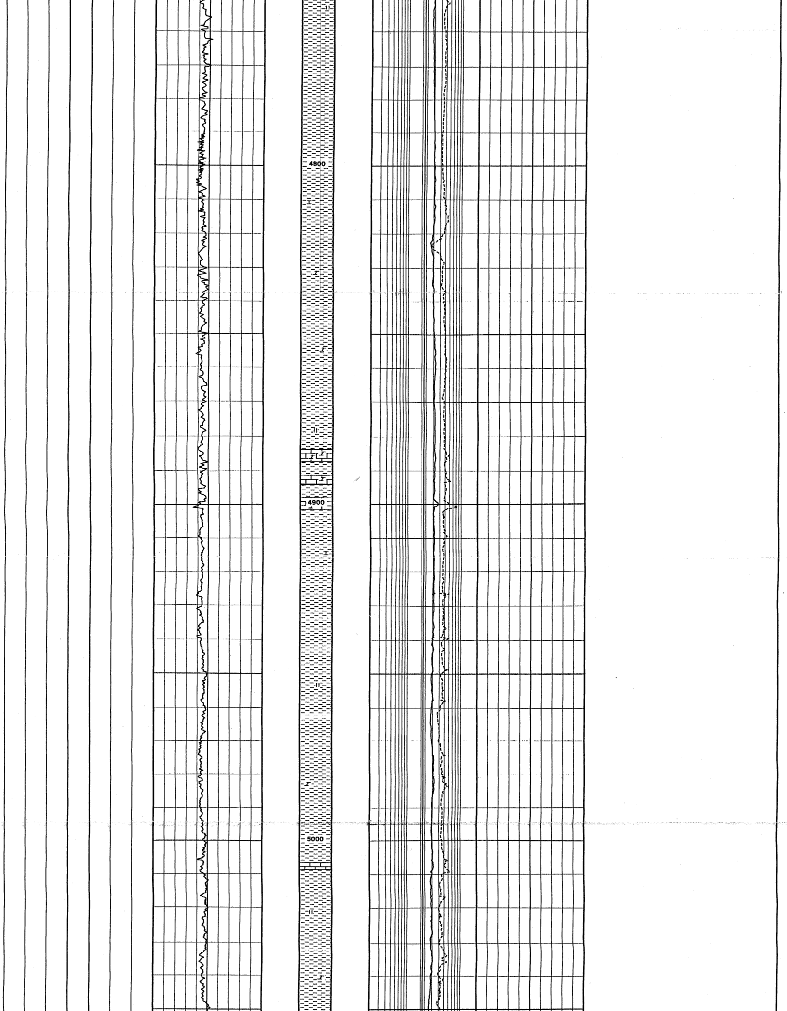
Lst: mod yel brn - pale yel brn, frm, blky, microxln, occ blk bnd

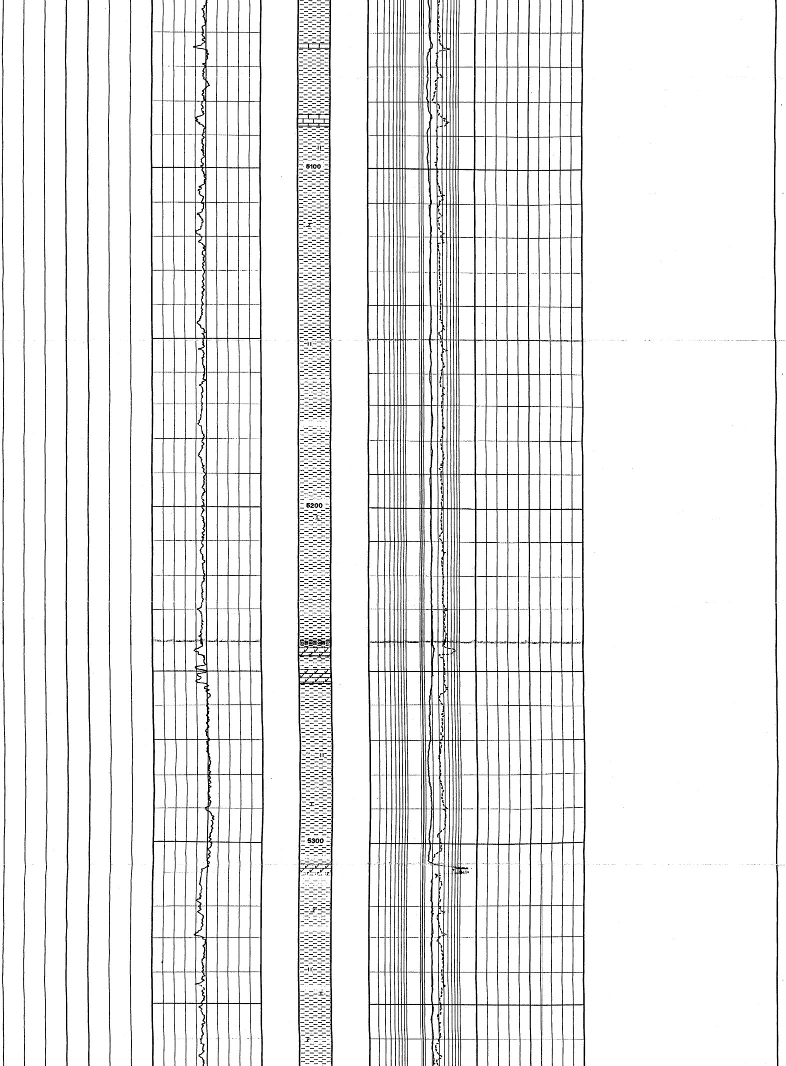


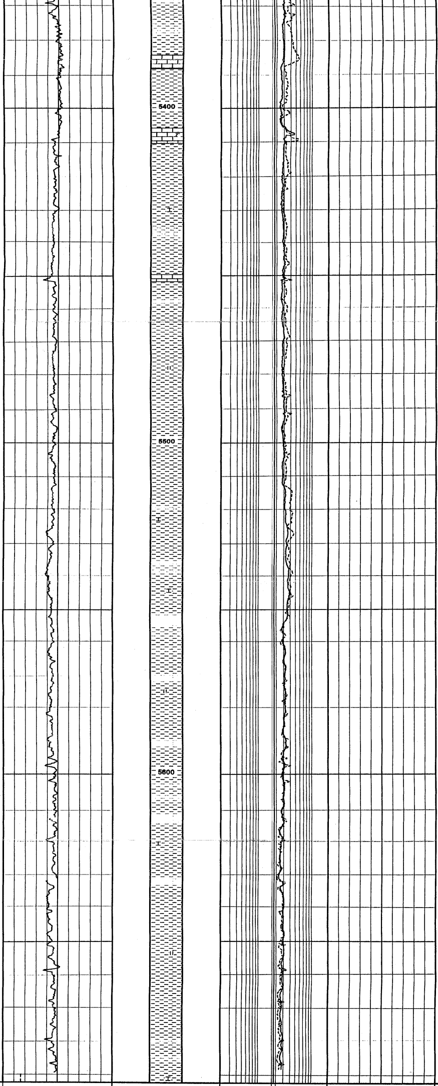
Clst: med-dk gry, occ dk gnsh gry, sft-frm, sbblky, none - sl calc, occ pyr nod



Tr dol i a: mod yel brn, mod gry, frm - mod hd, cryptoxln, sl arg.







Ls: yel gry - med gry, frm - occ mod hd, blky - ang, cryptoxln - sli micr, tr glauc i.p., arg.

Clst: med-dk gry, dk olv gry, frm, mod hd i.p., sl calc, sl slty - slty i.p., arg

System

Series

Stage

Depth

Group

Formation

tional Environment

0 GR(API) 150

5.00 CALI(in) 15

0 GRC-MWD(API) 150

0.20 RT(ohm-m) 20

0.20 ATR-MWD(ohm-m) 20

0.20 PSR-MWD() 20

140 DT(msec/ft) 40

Deposi

Chron Strat

Litho Strat

Well Log

Lithological Descriptions

DEVIATION REPORT Well : 30/03-7-A

Magnetic Declination: -3.99 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefrikk A: -56.00 M. m

Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Depth Along Hole M.	Inclin -ation (Deg)	Azimuth True (Deg)	True Vert Depth M.	Vert. Section M.	Projected Horizontal Displacement North M.	East M.	Dogleg Sev. Deg/30m	Tool Type
2950.00	52.75	284.52	2169.09	1681.04	435.89 N	1629.62 W	0.73	GYRODATA 60N,ror
2980.00	53.38	284.08	2187.12	1705.02	441.97 N	1652.81 W	0.69	GYRODATA 60N,ror
3010.00	53.05	284.14	2204.92	1729.16	448.03 N	1676.19 W	0.76	GYRODATA 60N,ror
3040.00	53.68	283.39	2222.65	1753.34	453.78 N	1699.69 W	0.63	GYRODATA 60N,ror
3070.00	53.67	283.98	2240.42	1777.49	459.50 N	1723.18 W	0.48	GYRODATA 60N,ror
3100.00	54.04	284.60	2258.12	1801.70	465.48 N	1746.65 W	0.62	GYRODATA 60N,ror
3130.00	54.07	283.59	2275.73	1825.97	471.40 N	1770.21 W	0.82	GYRODATA 60N,ror
3160.00	54.15	283.99	2293.31	1850.26	477.19 N	1793.81 W	0.33	GYRODATA 60N,ror
3190.00	53.79	283.29	2310.96	1874.50	482.91 N	1817.39 W	0.67	GYRODATA 60N,ror
3220.00	53.52	283.74	2328.74	1898.64	488.56 N	1840.88 W	0.45	GYRODATA 60N,ror
3250.00	53.73	284.20	2346.53	1922.78	494.39 N	1864.32 W	0.43	GYRODATA 60N,ror
3280.00	53.92	284.71	2364.24	1946.98	500.43 N	1887.77 W	0.45	GYRODATA 60N,ror
3310.00	54.10	285.47	2381.87	1971.25	506.75 N	1911.21 W	0.64	GYRODATA 60N,ror
3340.00	54.10	284.76	2399.46	1995.55	513.09 N	1934.67 W	0.58	GD_Cont 60N ror ccl
3352.00	56.08	280.47	2406.33	2005.37	515.23 N	1944.27 W	10.09	GD_Cont 60N ror ccl
3362.00	56.91	279.37	2411.85	2013.66	516.67 N	1952.48 W	3.71	GD_Cont 60N ror ccl
3372.00	57.62	278.62	2417.26	2022.01	517.98 N	1960.79 W	2.85	GD_Cont 60N ror ccl
3382.00	58.23	277.68	2422.57	2030.40	519.19 N	1969.18 W	3.01	GD_Cont 60N ror ccl
3392.00	58.86	277.15	2427.79	2038.83	520.29 N	1977.64 W	2.33	GD_Cont 60N ror ccl
3402.10	59.78	276.49	2432.94	2047.41	521.32 N	1986.26 W	3.21	GD_Cont 60N ror ccl
3412.10	60.35	275.57	2437.93	2055.94	522.23 N	1994.88 W	2.94	GD_Cont 60N ror ccl
3422.10	61.31	274.40	2442.80	2064.51	522.99 N	2003.58 W	4.21	GD_Cont 60N ror ccl
3432.10	61.99	273.17	2447.55	2073.11	523.57 N	2012.36 W	3.83	GD_Cont 60N ror ccl
3442.10	62.65	272.16	2452.20	2081.73	523.98 N	2021.21 W	3.33	GD_Cont 60N ror ccl
3452.10	63.51	271.47	2456.73	2090.37	524.26 N	2030.12 W	3.17	GD_Cont 60N ror ccl
3462.10	64.27	270.76	2461.13	2099.04	524.43 N	2039.10 W	2.98	GD_Cont 60N ror ccl
3472.10	65.00	270.02	2465.41	2107.75	524.50 N	2048.13 W	2.97	GD_Cont 60N ror ccl
3482.20	65.60	269.12	2469.63	2116.54	524.43 N	2057.31 W	3.01	GD_Cont 60N ror ccl
3492.20	66.62	267.47	2473.68	2125.25	524.15 N	2066.45 W	5.46	GD_Cont 60N ror ccl
3502.20	67.10	266.79	2477.61	2133.95	523.69 N	2075.63 W	2.36	GD_Cont 60N ror ccl
3512.20	66.49	266.70	2481.55	2142.62	523.17 N	2084.81 W	1.85	GD_Cont 60N ror ccl
3522.20	67.65	266.94	2485.45	2151.32	522.66 N	2094.00 W	1.54	GD_Cont 60N ror ccl
3532.20	68.55	267.01	2489.18	2160.09	522.17 N	2103.27 W	2.71	GD_Cont 60N ror ccl
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3562.20	70.58	266.07	2499.54	2186.62	520.45 N	2131.36 W	0.92	GD_Cont 60N ror ccl
3572.30	70.59	266.14	2502.90	2195.57	519.80 N	2140.87 W	0.20	GD_Cont 60N ror ccl
3582.30	70.66	266.28	2506.22	2204.44	519.18 N	2150.28 W	0.45	GD_Cont 60N ror ccl
3592.30	70.71	266.49	2509.53	2213.33	518.58 N	2159.70 W	0.61	GD_Cont 60N ror ccl
3602.30	70.86	266.53	2512.82	2222.23	518.01 N	2169.12 W	0.46	GD_Cont 60N ror ccl
3612.30	71.08	266.60	2516.08	2231.14	517.44 N	2178.56 W	0.69	GD_Cont 60N ror ccl
3622.30	71.08	266.95	2519.32	2240.07	516.91 N	2188.01 W	0.99	GD_Cont 60N ror ccl
3632.30	70.94	267.89	2522.57	2249.03	516.48 N	2197.45 W	2.70	GD_Cont 60N ror ccl
3642.30	71.25	268.38	2525.81	2258.03	516.18 N	2206.91 W	1.67	GD_Cont 60N ror ccl
3652.40	71.46	268.50	2529.04	2267.16	515.92 N	2216.47 W	0.71	GD_Cont 60N ror ccl
3662.40	71.61	268.50	2532.21	2276.20	515.67 N	2225.96 W	0.45	GD_Cont 60N ror ccl
3672.40	71.74	268.45	2535.35	2285.25	515.42 N	2235.44 W	0.42	GD_Cont 60N ror ccl
3682.40	71.91	268.33	2538.47	2294.30	515.15 N	2244.94 W	0.61	GD_Cont 60N ror ccl
3692.40	72.09	268.54	2541.56	2303.37	514.89 N	2254.45 W	0.81	GD_Cont 60N ror ccl
3702.40	72.38	268.59	2544.62	2312.45	514.65 N	2263.97 W	0.88	GD_Cont 60N ror ccl
3712.40	72.56	268.68	2547.63	2321.55	514.42 N	2273.50 W	0.60	GD_Cont 60N ror ccl
3722.40	72.92	268.70	2550.59	2330.67	514.20 N	2283.05 W	1.08	GD_Cont 60N ror ccl
3732.40	73.11	268.79	2553.52	2339.80	514.00 N	2292.61 W	0.63	GD_Cont 60N ror ccl

Coordinates are from structure centre.
TVDs are from Drill Floor Veslefrikk A (56.00 M. above mean sea level)

DEVIATION REPORT Well : 30/03-7-A

Magnetic Declination: -3.99 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefrikk A: -56.00 M. m

Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Depth Along Hole M.	Inclin -ation (Deg)	Azimuth True (Deg)	True Vert Depth M.	Vert. Section M.	Projected Horizontal Displacement North M.	East M.	Dogleg Sev. Deg/30m	Tool Type
3742.50	73.46	268.86	2556.42	2349.04	513.80 N	2302.28 W	1.06	GD_Cont 60N ror ccl
3752.50	73.42	268.87	2559.27	2358.19	513.61 N	2311.87 W	0.12	GD_Cont 60N ror ccl
3762.50	73.20	269.10	2562.14	2367.35	513.44 N	2321.44 W	0.93	GD_Cont 60N ror ccl
3772.50	73.39	269.16	2565.02	2376.51	513.29 N	2331.02 W	0.60	GD_Cont 60N ror ccl
3782.50	73.85	269.38	2567.84	2385.70	513.17 N	2340.61 W	1.52	GD_Cont 60N ror ccl
3792.50	73.82	269.38	2570.62	2394.90	513.07 N	2350.22 W	0.09	GD_Cont 60N ror ccl
3802.50	73.57	269.46	2573.43	2404.10	512.97 N	2359.81 W	0.78	GD_Cont 60N ror ccl
3812.50	72.87	269.46	2576.32	2413.27	512.88 N	2369.39 W	2.10	GD_Cont 60N ror ccl
3822.50	72.78	269.42	2579.27	2422.43	512.78 N	2378.94 W	0.29	GD_Cont 60N ror ccl
3832.60	72.83	269.33	2582.25	2431.67	512.68 N	2388.59 W	0.30	GD_Cont 60N ror ccl
3842.60	72.42	269.07	2585.24	2440.81	512.55 N	2398.13 W	1.44	GD_Cont 60N ror ccl
3852.60	71.95	268.88	2588.30	2449.91	512.38 N	2407.65 W	1.51	GD_Cont 60N ror ccl
3862.60	72.08	268.75	2591.39	2458.99	512.18 N	2417.16 W	0.54	GD_Cont 60N ror ccl
3872.60	71.62	268.30	2594.50	2468.05	511.93 N	2426.66 W	1.88	GD_Cont 60N ror ccl
3882.60	71.51	267.99	2597.67	2477.08	511.63 N	2436.14 W	0.94	GD_Cont 60N ror ccl
3892.60	71.47	268.06	2600.84	2486.10	511.30 N	2445.62 W	0.23	GD_Cont 60N ror ccl
3902.60	70.71	268.12	2604.08	2495.10	510.99 N	2455.07 W	2.29	GD_Cont 60N ror ccl
3912.70	70.48	268.27	2607.44	2504.17	510.69 N	2464.60 W	0.80	GD_Cont 60N ror ccl
3922.70	70.62	268.29	2610.77	2513.15	510.40 N	2474.02 W	0.42	GD_Cont 60N ror ccl
3932.70	70.94	268.49	2614.06	2522.14	510.14 N	2483.46 W	1.11	GD_Cont 60N ror ccl
3942.70	71.17	268.54	2617.30	2531.16	509.89 N	2492.91 W	0.70	GD_Cont 60N ror ccl
3952.70	71.21	268.40	2620.53	2540.19	509.64 N	2502.38 W	0.42	GD_Cont 60N ror ccl
3962.70	70.57	268.26	2623.80	2549.19	509.36 N	2511.82 W	1.96	GD_Cont 60N ror ccl
3972.70	70.67	268.31	2627.12	2558.17	509.08 N	2521.25 W	0.33	GD_Cont 60N ror ccl
3982.70	70.91	268.22	2630.41	2567.16	508.80 N	2530.69 W	0.76	GD_Cont 60N ror ccl
3992.70	70.60	268.04	2633.71	2576.15	508.49 N	2540.13 W	1.06	GD_Cont 60N ror ccl
4002.80	70.77	268.14	2637.05	2585.21	508.17 N	2549.65 W	0.58	GD_Cont 60N ror ccl
4012.80	70.35	268.07	2640.38	2594.19	507.86 N	2559.08 W	1.28	GD_Cont 60N ror ccl
4022.80	69.83	267.88	2643.78	2603.12	507.53 N	2568.47 W	1.65	GD_Cont 60N ror ccl
4032.80	69.28	267.60	2647.27	2612.02	507.16 N	2577.84 W	1.83	GD_Cont 60N ror ccl
4042.80	68.08	267.40	2650.91	2620.85	506.75 N	2587.14 W	3.64	GD_Cont 60N ror ccl
4052.80	67.52	267.17	2654.69	2629.62	506.31 N	2596.39 W	1.80	GD_Cont 60N ror ccl
4062.80	67.57	267.25	2658.51	2638.37	505.86 N	2605.62 W	0.27	GD_Cont 60N ror ccl
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4092.90	68.24	267.55	2669.73	2664.82	504.58 N	2633.52 W	0.88	GD_Cont 60N ror ccl
4102.90	68.45	267.71	2673.42	2673.64	504.19 N	2642.81 W	0.77	GD_Cont 60N ror ccl
4112.90	68.60	267.73	2677.08	2682.48	503.82 N	2652.11 W	0.45	GD_Cont 60N ror ccl
4122.90	68.81	267.88	2680.71	2691.32	503.47 N	2661.42 W	0.76	GD_Cont 60N ror ccl
4132.90	68.80	268.01	2684.33	2700.19	503.13 N	2670.73 W	0.36	GD_Cont 60N ror ccl
4142.90	69.04	268.11	2687.92	2709.06	502.82 N	2680.06 W	0.77	GD_Cont 60N ror ccl
4152.90	69.44	268.13	2691.47	2717.96	502.51 N	2689.41 W	1.20	GD_Cont 60N ror ccl
4162.90	69.43	267.83	2694.98	2726.86	502.18 N	2698.76 W	0.84	GD_Cont 60N ror ccl
4173.00	69.01	267.60	2698.56	2735.82	501.80 N	2708.20 W	1.40	GD_Cont 60N ror ccl
4183.00	69.35	267.58	2702.12	2744.69	501.41 N	2717.54 W	1.02	GD_Cont 60N ror ccl
4193.00	69.50	267.75	2705.63	2753.57	501.03 N	2726.89 W	0.66	GD_Cont 60N ror ccl
4203.00	69.58	267.81	2709.13	2762.47	500.66 N	2736.25 W	0.29	GD_Cont 60N ror ccl
4213.00	69.45	267.65	2712.63	2771.36	500.29 N	2745.61 W	0.60	GD_Cont 60N ror ccl
4223.00	68.70	267.67	2716.20	2780.23	499.91 N	2754.95 W	2.25	GD_Cont 60N ror ccl
4233.00	68.32	267.78	2719.86	2789.06	499.54 N	2764.24 W	1.18	GD_Cont 60N ror ccl
4243.00	68.18	267.92	2723.57	2797.88	499.19 N	2773.53 W	0.57	GD_Cont 60N ror ccl
4253.10	68.13	268.00	2727.33	2806.80	498.86 N	2782.89 W	0.27	GD_Cont 60N ror ccl
4263.10	68.04	268.05	2731.06	2815.62	498.54 N	2792.17 W	0.30	GD_Cont 60N ror ccl

Coordinates are from structure centre.
TVDs are from Drill Floor Veslefrikk A (56.00 M. above mean sea level)

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Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Depth Along Hole M.	Inclin -ation (Deg)	Azimuth True (Deg)	True Vert Depth M.	Vert. Section M.	Projected Horizontal Displacement North M.	East M.	Dogleg Sev. Deg/30m	Tool Type
4273.10	68.26	268.19	2734.78	2824.45	498.24 N	2801.44 W	0.77	GD_Cont 60N ror ccl
4283.10	68.36	268.35	2738.48	2833.30	497.96 N	2810.73 W	0.54	GD_Cont 60N ror ccl
4293.10	68.68	268.45	2742.14	2842.17	497.70 N	2820.03 W	1.00	GD_Cont 60N ror ccl
4303.10	68.97	268.55	2745.75	2851.06	497.45 N	2829.35 W	0.91	GD_Cont 60N ror ccl
4313.10	69.09	268.66	2749.33	2859.96	497.23 N	2838.69 W	0.47	GD_Cont 60N ror ccl
4323.10	69.24	268.75	2752.89	2868.89	497.01 N	2848.03 W	0.52	GD_Cont 60N ror ccl
4333.10	69.50	268.82	2756.41	2877.82	496.82 N	2857.39 W	0.80	GD_Cont 60N ror ccl
4343.20	69.66	269.03	2759.93	2886.87	496.64 N	2866.85 W	0.75	GD_Cont 60N ror ccl
4353.20	69.99	269.10	2763.18	2895.85	496.48 N	2876.24 W	1.01	GD_Cont 60N ror ccl
4363.20	70.01	269.21	2766.80	2904.84	496.35 N	2885.61 W	0.37	GD_Cont 60N ror ccl
4373.20	70.21	269.29	2770.21	2913.84	496.21 N	2895.04 W	0.62	GD_Cont 60N ror ccl
4383.20	69.89	269.14	2773.62	2922.84	496.10 N	2904.44 W	1.05	GD_Cont 60N ror ccl
4393.20	69.31	269.19	2777.10	2931.81	495.96 N	2913.81 W	1.75	GD_Cont 60N ror ccl
4403.20	69.53	269.18	2780.62	2940.77	495.83 N	2923.17 W	0.66	GD_Cont 60N ror ccl
4413.20	69.70	269.19	2784.10	2949.74	495.69 N	2932.54 W	0.51	GD_Cont 60N ror ccl
4423.30	69.83	269.34	2787.59	2958.81	495.57 N	2942.02 W	0.57	GD_Cont 60N ror ccl
4433.30	69.94	269.34	2791.03	2967.80	495.46 N	2951.41 W	0.33	GD_Cont 60N ror ccl
4443.30	69.32	269.14	2794.51	2976.78	495.34 N	2960.78 W	1.94	GD_Cont 60N ror ccl
4453.30	68.63	268.92	2798.10	2985.70	495.18 N	2970.11 W	2.16	GD_Cont 60N ror ccl
4463.30	68.70	269.03	2801.74	2994.61	495.02 N	2979.43 W	0.37	GD_Cont 60N ror ccl
4473.30	68.86	269.04	2805.36	3003.52	494.86 N	2988.75 W	0.48	GD_Cont 60N ror ccl
4483.30	69.03	268.83	2808.95	3012.44	494.69 N	2998.08 W	0.78	GD_Cont 60N ror ccl
4493.30	69.07	268.98	2812.53	3021.37	494.51 N	3007.41 W	0.44	GD_Cont 60N ror ccl
4503.40	69.08	269.05	2816.10	3030.30	494.35 N	3016.75 W	0.20	GD_Cont 60N ror ccl
4513.40	68.97	268.85	2819.71	3039.11	494.17 N	3026.10 W	0.64	GD_Cont 60N ror ccl
4523.40	69.36	268.84	2823.27	3048.24	493.99 N	3035.53 W	1.17	GD_Cont 60N ror ccl
4533.40	[illegible]	[illegible]	[illegible]	[illegible]	493.81 N	3044.88 W	0.45	GD_Cont 60N ror ccl
4543.40	69.57	269.01	2830.31	3066.14	493.65 N	3054.25 W	0.70	GD_Cont 60N ror ccl
4553.40	69.79	269.17	2833.78	3075.11	493.50 N	3063.62 W	0.75	GD_Cont 60N ror ccl
4563.40	70.00	269.16	2837.22	3084.09	493.37 N	3073.01 W	0.63	GD_Cont 60N ror ccl
4573.40	70.21	269.13	2840.62	3093.09	493.22 N	3082.41 W	0.64	GD_Cont 60N ror ccl
4583.40	70.36	269.11	2843.99	3102.10	493.08 N	3091.83 W	0.45	GD_Cont 60N ror ccl
4593.50	70.45	269.13	2847.30	3111.20	492.94 N	3101.34 W	0.27	GD_Cont 60N ror ccl
4603.50	70.66	269.14	2850.71	3120.22	492.79 N	3110.77 W	0.63	GD_Cont 60N ror ccl
4613.50	70.79	269.15	2854.01	3129.25	492.65 N	3120.21 W	0.39	GD_Cont 60N ror ccl
4623.50	70.96	269.12	2857.29	3138.29	492.51 N	3129.65 W	0.52	GD_Cont 60N ror ccl
4633.50	71.11	269.20	2860.54	3147.34	492.37 N	3139.11 W	0.50	GD_Cont 60N ror ccl
4643.50	70.68	269.24	2863.81	3156.39	492.24 N	3148.56 W	1.29	GD_Cont 60N ror ccl
4653.50	70.76	269.16	2867.11	3165.42	492.11 N	3158.00 W	0.33	GD_Cont 60N ror ccl
4663.50	70.76	269.19	2870.41	3174.45	491.97 N	3167.44 W	0.08	GD_Cont 60N ror ccl
4673.50	70.34	269.23	2873.74	3183.48	491.84 N	3176.87 W	1.27	GD_Cont 60N ror ccl
4683.60	70.55	269.24	2877.12	3192.59	491.71 N	3186.38 W	0.62	GD_Cont 60N ror ccl
4693.60	70.78	269.26	2880.43	3201.62	491.59 N	3195.82 W	0.69	GD_Cont 60N ror ccl
4703.60	70.93	269.27	2883.71	3210.67	491.47 N	3205.26 W	0.45	GD_Cont 60N ror ccl
4713.60	70.78	269.29	2886.99	3219.71	491.35 N	3214.71 W	0.45	GD_Cont 60N ror ccl
4723.60	70.77	269.30	2890.28	3228.76	491.24 N	3224.15 W	0.04	GD_Cont 60N ror ccl
4733.60	70.74	269.32	2893.58	3237.80	491.12 N	3233.59 W	0.11	GD_Cont 60N ror ccl
4743.60	70.87	269.34	2896.86	3246.84	491.01 N	3243.04 W	0.39	GD_Cont 60N ror ccl
4753.60	71.10	269.38	2900.12	3255.90	490.91 N	3252.49 W	0.70	GD_Cont 60N ror ccl
4763.60	71.32	269.36	2903.34	3264.97	490.80 N	3261.96 W	0.66	GD_Cont 60N ror ccl
4773.70	71.41	269.42	2906.57	3274.14	490.70 N	3271.53 W	0.32	GD_Cont 60N ror ccl
4783.70	71.60	269.37	2909.74	3283.22	490.60 N	3281.01 W	0.59	GD_Cont 60N ror ccl
4793.70	71.74	269.46	2912.89	3292.32	490.50 N	3290.50 W	0.49	GD_Cont 60N ror ccl

Coordinates are from structure centre.
TVDs are from Drill Floor Veslefrikk A (56.00 M. above mean sea level)

DEVIATION REPORT Well : 30/03-7-A

Magnetic Declination: -3.99 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefrikk A: -56.00 M. m

Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Depth Along Hole M.	Inclin -ation (Deg)	Azimuth True (Deg)	True Vert Depth M.	Vert. Section M.	Projected Horizontal Displacement North M.	East M.	Dogleg Sev. Deg/30m	Tool Type
4803.70	71.81	269.61	2916.02	3301.42	490.43 N	3300.00 W	0.48	GD_Cont 60N ror ccl
4813.70	71.10	269.48	2919.20	3310.51	490.35 N	3309.48 W	2.16	GD_Cont 60N ror ccl
4823.70	70.24	269.27	2922.51	3319.55	490.25 N	3318.91 W	2.65	GD_Cont 60N ror ccl
4833.70	70.25	269.51	2925.89	3328.57	490.15 N	3328.33 W	0.68	GD_Cont 60N ror ccl
4843.70	69.80	269.50	2929.30	3337.58	490.07 N	3337.72 W	1.35	GD_Cont 60N ror ccl
4853.80	69.83	269.43	2932.79	3346.67	489.98 N	3347.20 W	0.21	GD_Cont 60N ror ccl
4863.80	70.11	269.43	2936.21	3355.67	489.88 N	3356.60 W	0.84	GD_Cont 60N ror ccl
4873.80	70.27	269.59	2939.60	3364.69	489.80 N	3366.01 W	0.66	GD_Cont 60N ror ccl
4883.80	70.31	269.59	2942.97	3373.72	489.74 N	3375.42 W	0.18	GD_Cont 60N ror ccl
4893.80	70.23	269.76	2946.35	3382.75	489.68 N	3384.83 W	0.57	GD_Cont 60N ror ccl
4903.80	70.34	269.62	2949.72	3391.78	489.63 N	3394.25 W	0.52	GD_Cont 60N ror ccl
4913.80	70.48	269.75	2953.07	3400.82	489.58 N	3403.67 W	0.56	GD_Cont 60N ror ccl
4923.80	70.52	269.78	2956.41	3409.87	489.54 N	3413.09 W	0.15	GD_Cont 60N ror ccl
4933.80	70.68	269.94	2959.73	3418.93	489.52 N	3422.53 W	0.66	GD_Cont 60N ror ccl
4943.90	70.85	269.97	2963.06	3428.09	489.51 N	3432.06 W	0.51	GD_Cont 60N ror ccl
4953.90	70.99	269.96	2966.33	3437.17	489.50 N	3441.51 W	0.42	GD_Cont 60N ror ccl
4963.90	70.99	269.99	2969.59	3446.26	489.50 N	3450.97 W	0.09	GD_Cont 60N ror ccl
4973.90	71.06	270.00	2972.84	3455.34	489.50 N	3460.42 W	0.21	GD_Cont 60N ror ccl
4983.90	71.19	269.92	2976.07	3464.44	489.49 N	3469.89 W	0.45	GD_Cont 60N ror ccl
4993.90	71.25	270.09	2979.29	3473.53	489.49 N	3479.35 W	0.52	GD_Cont 60N ror ccl
5003.90	71.26	270.09	2982.51	3482.64	489.51 N	3488.82 W	0.03	GD_Cont 60N ror ccl
5013.90	71.31	270.16	2985.71	3491.75	489.53 N	3498.29 W	0.25	GD_Cont 60N ror ccl
5024.00	71.36	270.25	2988.95	3500.95	489.56 N	3507.86 W	0.29	GD_Cont 60N ror ccl
5034.00	71.40	270.34	2992.14	3510.07	489.60 N	3517.34 W	0.12	GD_Cont 60N ror ccl
5044.00	71.46	270.16	2995.32	3519.19	489.64 N	3526.82 W	0.29	GD_Cont 60N ror ccl
5054.00	71.32	270.27	2998.52	3528.31	489.67 N	3536.30 W	0.52	GD_Cont 60N ror ccl
5064.00	71.37	270.34	3001.71	3537.43	489.72 N	3545.77 W	0.25	MWD-std.
5092.00	70.80	268.70	3010.79	3562.82	489.50 N	3572.26 W	1.77	MWD-std.
5121.00	70.90	269.30	3020.30	3589.01	489.02 N	3599.65 W	0.60	MWD-std.
5150.00	70.80	268.70	3029.82	3615.20	488.55 N	3627.04 W	0.60	MWD-std.
5178.00	70.80	268.60	3039.03	3640.44	487.92 N	3653.47 W	0.10	MWD-std.
5208.00	70.90	269.10	3048.87	3667.51	487.35 N	3681.81 W	0.48	MWD-std.
5237.00	71.00	269.90	3058.33	3693.79	487.12 N	3709.22 W	0.79	MWD-std.
5261.00	70.90	270.00	3066.17	3715.58	487.10 N	3731.90 W	0.17	MWD-std.
5294.00	70.80	270.30	3076.99	3745.56	487.18 N	3763.08 W	0.27	MWD-std.
5324.00	71.00	272.30	3086.81	3772.98	487.82 N	3791.42 W	1.90	MWD-std.
5353.00	69.30	271.30	3096.66	3799.41	488.68 N	3818.68 W	2.01	MWD-std.
5381.00	67.50	271.30	3106.96	3824.59	489.27 N	3844.71 W	1.93	MWD-std.
5410.00	65.70	270.70	3118.48	3850.29	489.73 N	3871.31 W	1.95	MWD-std.
5439.00	63.70	270.30	3130.87	3875.59	490.10 N	3897.53 W	2.08	MWD-std.
5468.00	61.60	270.30	3144.20	3900.41	490.37 N	3923.28 W	2.24	MWD-std.
5496.00	59.50	269.60	3157.96	3923.84	490.35 N	3947.66 W	2.34	MWD-std.
5525.00	57.40	268.90	3173.14	3947.50	490.03 N	3972.37 W	2.26	MWD-std.
5554.00	54.60	268.60	3189.35	3970.45	489.51 N	3996.41 W	2.91	MWD-std.
5583.00	52.10	267.50	3206.66	3992.58	488.72 N	4019.66 W	2.74	MWD-std.
5611.00	49.50	265.20	3224.36	4013.00	487.35 N	4041.31 W	3.38	MWD-std.
5641.00	47.20	265.40	3244.29	4033.97	485.51 N	4063.65 W	2.30	MWD-std.
5669.00	44.40	265.00	3263.81	4052.72	483.83 N	4083.65 W	3.02	MWD-std.
5680.00	43.40	265.30	3271.74	4059.85	483.18 N	4091.25 W	2.79	MWD-std.
5729.00	34.50	262.40	3309.81	4088.36	479.96 N	4121.85 W	5.56	MWD-std.
5758.00	33.10	262.10	3333.91	4103.12	477.79 N	4137.83 W	1.46	MWD-std.
5787.00	31.60	262.80	3358.41	4117.34	475.75 N	4153.21 W	1.60	MWD-std.
5816.00	29.50	261.80	3383.38	4130.84	473.78 N	4167.82 W	2.24	MWD-std.

Coordinates are from structure centre.
TVDs are from Drill Floor Veslefrikk A (56.00 M. above mean sea level)

DEVIATION REPORT Well : 30/03-7-A

Magnetic Declination: -3.99 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefrikk A: -56.00 M. m

Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Depth Along Hole M.	Inclin -ation (Deg)	Azimuth True (Deg)	True Vert Depth M.	Vert. Section M.	Projected Horizontal Displacement North M.	East M.	Dogleg Sev. Deg/30m	Tool Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MWD-std.
5913.00	23.30	262.50	3470.41	4169.94	468.04 N	4210.16 W	1.47	MWD-std.
5942.00	23.80	261.70	3496.99	4180.53	466.44 N	4221.63 W	0.61	MWD-std.
5971.00	24.40	261.30	3523.46	4191.30	464.69 N	4233.35 W	0.64	MWD-std.
5999.00	25.30	266.70	3548.87	4202.20	463.47 N	4245.04 W	2.61	MWD-std.
6028.00	26.80	266.70	3574.93	4214.21	462.74 N	4257.75 W	1.55	MWD-std.
[illegible]	[illegible]	[illegible]	3613.40	[illegible]	[illegible]	[illegible]	1.97	MWD-std.
6102.00	28.10	272.00	3640.25	4247.62	462.77 N	4292.51 W	0.72	MWD-std.
6131.00	27.40	274.30	3665.91	4260.78	463.51 N	4305.99 W	1.32	MWD-std.
6160.00	26.30	274.30	3691.79	4273.60	464.49 N	4319.05 W	1.14	MWD-std.
6189.00	25.40	275.00	3717.88	4286.00	465.51 N	4331.65 W	0.98	MWD-std.
6218.00	24.80	274.90	3744.14	4298.07	466.57 N	4343.90 W	0.62	MWD-std.
6247.00	24.40	275.90	3770.51	4309.93	467.71 N	4355.92 W	0.60	MWD-std.
6276.00	23.90	276.60	3796.97	4321.62	469.00 N	4367.72 W	0.60	MWD-std.
6304.00	23.50	277.90	3822.61	4332.75	470.42 N	4378.88 W	0.71	MWD-std.
6334.00	22.50	279.10	3850.23	4344.37	472.15 N	4390.47 W	1.10	MWD-std.
6363.00	21.80	280.20	3877.09	4355.23	473.98 N	4401.25 W	0.84	MWD-std.
6391.00	21.20	279.40	3903.14	4365.43	475.73 N	4411.36 W	0.72	MWD-std.
6420.00	19.90	281.70	3930.29	4375.56	477.59 N	4421.37 W	1.58	MWD-std.
6449.00	18.00	282.60	3957.72	4384.96	479.56 N	4430.58 W	1.99	MWD-std.
6547.00	11.60	293.40	4052.44	4409.87	486.79 N	4454.41 W	2.13	MWD-std.
6577.00	11.30	293.10	4081.81	[illegible]	489.70 N	4459.87 W	0.36	MWD-std.
6678.00	11.30	293.10	4180.88	[illegible]	497.38 N	4477.89 W	0.00	MWD-std.

DEVIATION REPORT Well : 30/03-7-A

tic Declination: -3.99 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefrikk A: -56.00 M. m

Wellhead Coordinates
3.25 n M.
4.86 w M.
Target Direction: 286.05 Deg (grid)

Comments in wellpath

MD	TVD	Rectangular Coords.		Comment
6678.00	4180.88	497.38 N	4477.89 W	Extrapolated from 6577 m

Casing positions in string 'ABC'

Top MD	Top TVD	Rectangular Coords.		Shoe MD	Shoe TVD	Rectangular Coords.		Casing
31.00	n/a	n/a	n/a	467.00	466.26	17.88N	5.56W	26" conductor
0.00	n/a	n/a	n/a	1467.50	1281.13	205.37N	465.95W	20" casing
31.00	n/a	n/a	n/a	2865.00	2117.49	420.38N	1563.89W	13 3/8" casing
0.00	n/a	n/a	n/a	3336.00	2397.11	512.26N	1931.54W	9 5/8" WINDOW
0.00	n/a	n/a	n/a	5705.00	3290.56	481.66N	4107.62W	7" Liner

Targets associated with this wellpath

Target name	Position	T.V.D.	Local rectangular coords.		Date revised
T3 Tolerances	490968.51,6739606.49	3916.00	854.71N	3470.19W	27-Jan-98
T2 Drillers Target	491014.00,6739604.49	3781.00	852.71N	3424.68W	27-Jan-98
T1 Drillers Target	491826.00,6739505.00	3216.00	753.18N	2612.35W	27-Jan-98
T2 Tolerances	491019.51,6739604.49	3781.00	852.71N	3419.17W	27-Jan-98
T2 Brent B-Prosp.	491032.00,6739592.00	3781.00	840.22N	3406.67W	23-Jan-98
T1 C-segment V35	491826.00,6739505.00	3216.00	753.18N	2612.35W	9-Dec-96
T3 Etive B-Prosp	490981.00,6739594.00	3916.00	842.22N	3457.69W	23-Jan-98
H1	491191.00,6739585.79	3536.00	834.00N	3247.61W	9-Dec-96
T3 Drillers Target	490963.00,6739606.49	3916.00	854.71N	3475.70W	27-Jan-98