STATOIL

DRIFTSDIVISJON BERGEN

TOTAL/SVENSKA PETROLEUM/
NORSK HYDRO /DEMINEX

COMPLETION LOG
RESERVOIR SECTION

Scale 1 : 500

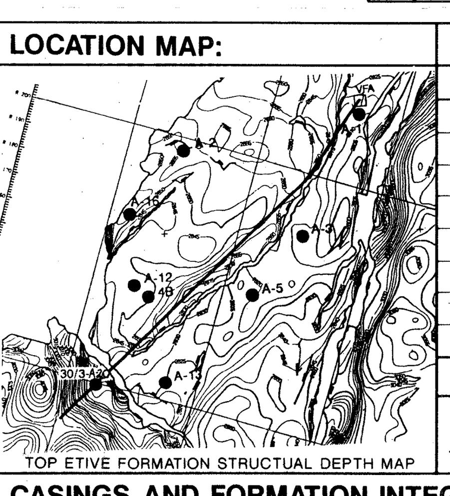
WELL: 30/3-A-20 (30/3-6S)

REV:	COMPILED	CONTR.	APPROVED	DATE
1	M. SALTNES			
2				
3				
4				

GENERAL:

License:	PL 052	
Field:	VESLEFRIKK	
Slot No.:	20	
Coord. Platform Center:	6 738 752.12 494 437.31	mN mE
Slot Coordinates:	6 738 752.12 494 432.42	mN mE
Well Type:	EXPLORATION/OIL PRODUCER	
RKB-MSL:	56 m	
Waterdepth:	175 m(MSL) / 174.2m(LAT)	
Total Depth:	3766 mTVD RKB	
Deepest Fomation:	STATFJORD	
Date Drilling Start:	26.12.93	
Date at TD:	21.02.94	
Logging Completed:	27.02.94	
Date end Completion:	19.03.94	

LOCATION MAP:



TOP ETIVE FORMATION STRUCTUAL DEPTH MAP

CORES:

No.	INTERVAL (mMD)	CUT	RECOVERED (m)	RECOVERED (%)
1	5241-5267	26	24.5	94.0
2	5294-5315	21	19.7	94.0
3	5315-5328	13	8.0	62.0
4	5328-5341	13	12.75	98.0
5	5341-5359	18	15.4	85.5
6	5359-5386.1	27.1	27.1	100
7	5451-5478.5	27.5	27.5	100
8				

PERFORATED INTERVAL:

CASINGS AND FORMATION INTEGRITY:

9 5/8" at 3836.0	mMD 2345.3	mTVD	FIT: 1.70 SG (MUDWEIGHT)
7" at 5139.0	mMD 2961.1	mTVD	FIT: 1.65 SG (MUDWEIGHT)

LOGGING ACROSS RESERVOIR INTERVALS:

LOGG TYPE:	No:	INTERVAL(mMD):	DATE:	COMMENTS:
MWD-GR (NAVIGAMMA)	6-12	5140-6085	5-22/2-94	B.H. INTEQ RUN 6: PULSER BLOCKED W/LCM AT SURFACE TEST. RUN 7: PULSER PARTIALLY BLOCKED. NO LOG OVER 5140-5258mMD DUE TO GR-FAILURE. RUN 8: FAILED TO TRANSMIT.
MWD-SLIM EWR-P4/DGR	1-6	5140-6085	7-22/2-94	SPERRY-SUN
LDL/CNL/BHC/DITE/GR	1A	5110-6085	23/2-94	SCHLUMBERGER (ON TLC)
RFT/HP/GR	1A	5223.5-5633	23-27/2-94	SCHLUMBERGER (ON TLC). TWO MISRUNS. TOOL FAILURE AFTER 12 MEASUREMENTS IN THIRD RUN.
VSP		4975-6007	16-17/3-94	SCHLUMBERGER (ON TLC)

COMMENTS:

LITHOLOGICAL SYMBOLS

CONGLOMERATE — SHALE — MARL — COAL LIGNITE — FORAMS — MICA

SAND SANDSTONE — LIMESTONE — TUFF — WOOD FRAGS — BURROWS — KAOLINITE

SILT SILTSTONE — CHALK — SALT — FOSSILS GENERALLY — PYRITE — CHERT

CLAY CLAYSTONE — DOLOMITE — ANHYDRITE — SHELL FRAGS — GLAUCONITE — SIDERITE

STANDARD LITOLOGICAL COLUMN

STAIN — FLUORESENS — CUT FLUOR — GAS SHOWS

SIDE WALL CORES: RECOVERED — RECOVERED W/SHOWS — NO RECOVERED

CORES — CORES NO.

DST

(RFT/FMT/SFT) — UNSUCCESSFUL

CASING SHOE/LINER

FORMASJONSTRYKK - RFT

FORMASJONSTRYKK - RFT — BRØNN: 30/3-A-20 — KØYRING: 1A — DATO: 26.02.94

TST #	SONE	DJUP mMDBD	DJUP mSVD MHN	INIT. RES. TRYKK (BAR)	MÅLT RES. TRYKK (BAR)	TRYKK AVL. (BAR)	PORE TRYKK ref. BD	BRØNN TRYKK (BAR)	HP/ SG	KRFT md-CP	KOMMENTARER
1	Tarbert	5223.5	2968.1		324.8		1.095	378.7	HP	85	
2	Tarbert	5258.0	2993.0		325.18		1.087	382.2	HP	38	
3/3a	Ness	5371.0	3073.8		339.47		1.106	393.4	HP	2	To forsok, det forste tett
4	Ness	5436.5	3120.0		337.7		1.084	398.9	HP	33	128.4 degC
5	Etive	5450.0	3129.7		334.1		1.069	400.3	HP	18	
6	Etive	5473.0	3146.4		334.65		1.065	402.4	HP	46	129.5
7	Oseberg	5506.0	3170.7		342.1		1.081	405.2	HP	18	
8	Oseberg	5520.0	3181.5		342.51		1.079	408.7	HP	15	
9	Oseberg	5540.0	3197.1		343.1		1.075	408.4	HP	2.5	131.2
10	Oseberg	5585.0	3233.3		347.2		1.076	413.7	HP	15	131.8
11	Oseberg	5633.0	3273.6		350.1		1.072	418.6	HP	3.5	132.4

DEVIATION REPORT — Well : 30/03-A-20

Magnetic Declination: -0.09 Degrees
Grid Correction: -0.09 Degrees
Drill Floor Veslefri: -56.00 (m) mean sea level

Wellhead Coordinates
0.00 n (m)
4.86 w (m)
Target Direction: 224.04 Deg (grid)

Depth Along Hole (m)	Inclin -ation (Deg)	Azimuth Grid (Deg)	True Vert Depth (m)	Vert. Section (m)	Projected Horizontal Displacement North(m)	East(m)	Dogleg Sev. Deg/30M.	Tool Type
4946.00	50.00	226.20	2825.64	3568.36	2571.87 S	2478.48 W	1.97	M.W.D.
4975.00	48.50	227.10	2844.57	3590.31	2586.95 S	2494.45 W	1.70	M.W.D.
5003.00	47.30	227.20	2863.34	3611.05	2601.08 S	2509.68 W	1.29	M.W.D.
5032.00	45.50	227.10	2883.34	3632.02	2615.36 S	2525.08 W	1.86	M.W.D.
5055.00	44.20	228.00	2899.64	3648.21	2626.31 S	2537.05 W	1.89	M.W.D.
5061.00	44.10	227.20	2903.95	3652.38	2629.13 S	2540.13 W	2.83	M.W.D.
5089.00	43.80	227.90	2924.11	3671.78	2642.25 S	2554.47 W	0.61	M.W.D.
5124.00	41.70	227.50	2949.81	3695.49	2658.23 S	2572.04 W	1.81	M.W.D.
5160.00	39.97	225.95	2977.04	3719.00	2674.36 S	2589.18 W	1.67	M.W.D.
5191.00	42.47	229.19	3000.36	3739.38	2688.13 S	2604.27 W	3.18	M.W.D.
5248.00	44.00	232.10	3041.89	3778.16	2712.87 S	2634.46 W	1.32	M.W.D.
5270.00	44.40	231.80	3057.66	3793.35	2722.33 S	2646.53 W	0.62	M.W.D.
5343.00	47.00	232.40	3108.64	3845.07	2754.41 S	2687.76 W	1.08	M.W.D.
5372.00	48.40	232.30	3128.16	3866.29	2767.51 S	2704.74 W	1.45	M.W.D.
5396.00	48.50	232.60	3144.08	3884.06	2778.46 S	2718.98 W	0.31	M.W.D.
5427.00	45.30	233.20	3165.26	3906.42	2792.11 S	2737.03 W	3.13	M.W.D.
5436.00	44.30	232.80	3171.65	3912.69	2795.93 S	2742.10 W	3.46	M.W.D.
5457.00	43.00	233.90	3186.84	3926.99	2804.58 S	2753.72 W	2.15	M.W.D.
5484.00	43.30	234.90	3206.54	3945.16	2815.33 S	2768.74 W	0.83	M.W.D.
5514.00	40.20	234.40	3228.92	3964.79	2826.89 S	2785.03 W	3.12	M.W.D.
5572.00	35.60	235.40	3274.67	3999.77	2847.38 S	2814.16 W	2.40	M.W.D.
5600.00	33.20	236.40	3297.77	4015.25	2856.25 S	2827.26 W	2.64	M.W.D.
5629.00	31.10	236.60	3322.33	4030.32	2864.77 S	2840.13 W	2.18	M.W.D.
5657.00	28.80	237.20	3346.59	4043.95	2872.40 S	2851.83 W	2.49	M.W.D.
5686.00	26.20	240.30	3372.31	4056.90	2879.36 S	2863.27 W	3.07	M.W.D.
5715.00	19.80	246.80	3398.99	4067.59	2884.48 S	2873.36 W	7.11	M.W.D.
5744.00	14.30	255.70	3426.71	4075.17	2887.30 S	2881.35 W	6.28	M.W.D.
5772.00	9.50	267.70	3454.11	4079.79	2888.24 S	2887.01 W	5.76	M.W.D.
5801.00	6.80	287.10	3482.82	4082.30	2887.84 S	2891.05 W	3.95	M.W.D.
5830.00	4.50	317.70	3511.68	4083.01	2886.49 S	2893.45 W	3.84	M.W.D.
5858.00	4.30	335.80	3539.60	4082.55	2884.72 S	2894.62 W	1.50	M.W.D.
5887.00	4.20	349.10	3568.52	4081.53	2882.68 S	2895.27 W	1.02	M.W.D.
5916.00	4.50	20.40	3597.44	4079.88	2880.58 S	2895.07 W	2.44	M.W.D.
5944.00	4.70	34.30	3625.35	4077.74	2878.60 S	2894.05 W	1.21	M.W.D.
5972.00	4.70	37.60	3653.26	4075.47	2876.74 S	2892.70 W	0.29	M.W.D.
6002.00	4.70	47.70	3683.16	4073.03	2874.94 S	2891.04 W	0.83	M.W.D.
6030.00	4.40	47.20	3711.07	4070.81	2873.44 S	2889.40 W	0.32	M.W.D.
6059.00	3.80	49.60	3739.99	4068.74	2872.06 S	2887.86 W	0.65	M.W.D.
6085.00	3.30	51.00	3765.94	4067.14	2871.03 S	2886.62 W	0.59	M.W.D.