



DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm3 /d	GAS M Sm3 /d	OIL GRAV. g/cm3	GAS GRAV. rel. air	GCR m3/m3	FSIP	WHP
1	3694 - 3703	17.5	305 *	447.5	0.797	0.67	1467		2200
2	3306 - 3315	17.5	205 *	214.0	0.797	0.67	1044		
2A	3306 - 3315		NO FLOW						
	3321 - 3327		NO FLOW						

\* = CONDENSAT

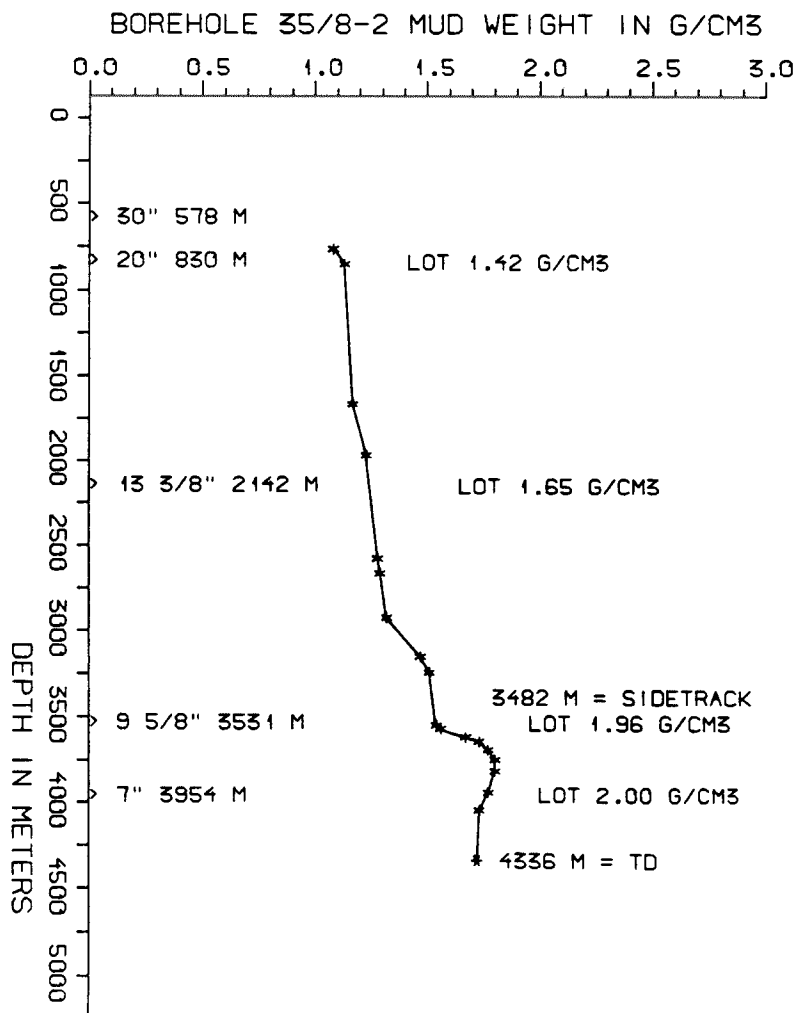
AVAILABLE LOGS				
LOG TYPE	INTERVALS	1/200	1/500	
ISF LSS GR (GR TO SEABED)	578 - 842	x	x	
ISF LSS	830 - 2141	x	x	
ISF LSS	2143 - 3536	x	x	
ISF BHC	3538 - 3951	x	x	
ISF LSS	3952 - 4330	x	x	
FDC	578 - 842	x	x	
FDC	830 - 2136	x	x	
LDT CNL	2143 - 3329	x	x	
LDT CNL	3300 - 3953	x	x	
LDT CNL	3951 - 4331	x	x	
DLL MSFL	2096 - 3536	x	x	
DLL MSFL	3500 - 3952	x	x	
CDM	2143 - 3537	x		
CDM	3480 - 3953	x		
CDM	3952 - 4321	x		
CDM AP	2144 - 3538	x	x	
CDM AP	3482 - 3952	x	x	
CDM AP	3954 - 4320	x	x	
RFT		x		
RFT		x		
NGT	3050 - 3954	x	x	
NGT	3952 - 4331	x	x	
TEMPERATURE	400 - 1154	x	x	
CBL VDL	400 - 2138	x		
CBL VDL	578 - 3952	x		
CEMENT VOLME	2143 - 3538			x
MUD	430 - 3750			x
MUD	3500 - 4336			x
VELOCITY	578 - 4330			x

(Air Gun Well Velocity Survey & C.L.D. 1stk)  
(Synthetic Seismogram Marine, 10 cm/s, 1stk)  
(Synthetic Seismogram, b/p-w/t, 10 cm/s, 2stk)  
(V.S.P., b/p-w/t, 10cm/s, proc:Sep-82, 14stk)  
(Two Way Travel Time, 10 cm/s, 1stk)

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm <sup>3</sup>	FUNNEL VISC. sec	FILTRATE LOSS cm <sup>3</sup>
430	1.05		
785	1.10	57	
1160	1.11	58	
1600	1.14	65	
1890	1.20	70	
2410	1.22	53	
2510	1.25	53	
2855	1.26	52	
3050	1.29	51	
3080	1.44	50	
3180	1.48	55	
3230	1.51	55	
3500	1.53	57	
3550	1.64	52	
3570	1.70	55	
3625	1.74	55	
3680	1.77	55	
3875	1.74	56	
3980	1.70	65	

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	580 - 4336	1600
WET SAMPLES	580 - 4332	750

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE



## WELL HISTORY - 35/8-2

### GENERAL :

The main objective of well 35/8-2 was to test the Middle Jurassic Brent formation and the Early Jurassic Intra-Dunlin Sand and the Staffjord formation on a structure located in the south western corner av block 35/8. Hydrocarbons were encountered and tested in Jurassic sandstones. This well, however produced less than the first well (35/8-1) located on a different structure in the block (see "Well Data Summary Sheets" - Vol. 12).

### OPERATIONS :

Well 35/8-2 was spudded 01.09.81 by the drilling rig "Sedco 704". During hole opening of the 36" section, the drill string parted and left the bit, opener and drill collars in the hole. Fishing was unsuccessful. The well was respudded 11.09.81 and the 17 1/2 " pilot hole was drilled without problems. When opening to 36" washing and reaming was required. Few problems were encountered in the 26" section. While drilling the 17 1/2" hole one experienced problems with tight hole at 830 to 883 m, 1610 -1720 m and 1915 - 1940 m. Repairs of the BOP and other unrelated rig problems occurred for 13 days during the drilling of this section. Tight hole was also experienced in the upper part of the 12 1/4" section and at 3100 m where pore pressure also started increasing. Some problems were experienced when coring in the 8 1/2" section. When running in hole with a new bit, the pipe became stuck at 3662 m. 21 days were spent fishing before the hole was plugged back into the 9 5/8" casing. The well was then sidetracked from 3482 m and the 8 1/2" hole was drilled down to 3954 m. Some minor problems with tight hole and differential sticking occurred. A 6 1/8" hole was then drilled to TD at 4336 m. A total of 7 cores were taken in the original, unlogged hole (apprx. 8 m. from the logged sidetrack).

### TESTING :

The well was tested over two intervals. DST no.1 tested gas and condensate during a 945 min. flow period before being shut-in for 1560 min. DST no.2 is considered as an invalid Heather test - the Brent section was inadvertently retested. Cement was squeezed before beginning the next test. DST 2A proved permeability in the Heather formation to be too small to allow fluids to be recovered in the drillpipe. A RFT run was also made in the well, but no fluid samples were obtained.

# GEOLOGICAL TOPS

WELL: 35/8-2

	Depth m (RKB)
Nordland Group	525 m
Utsira Fm	791 m
Hordaland Group	968,5 m
Rogaland Group	1707 m
Balder Fm	1707 m
Sele Fm	1777,5 m
Lista Fm	1833 m
Montrose Group	1928 m
Maureen Fm	1928 m
Shetland Group	1940 m
Cromer Knoll Group	3060 m
Viking Group	3078,5 m
Draupne Fm	3078,5 m
Heather Fm	3204 m
Brent Group	3666 m
Tarbert Fm	3666 m
Ness Fm	3717 m
Etive Fm	3785,5 m
Rannock Fm	3814 m
Broom Fm	3868 m
Dunlin Group	3885 m
Drake Fm	3885 m
Cook Fm	3931,5 m
Burton Fm	4064 m
Amundsen Fm	4095 m
Statfjord Fm	4203 m

TD = 4336 m