

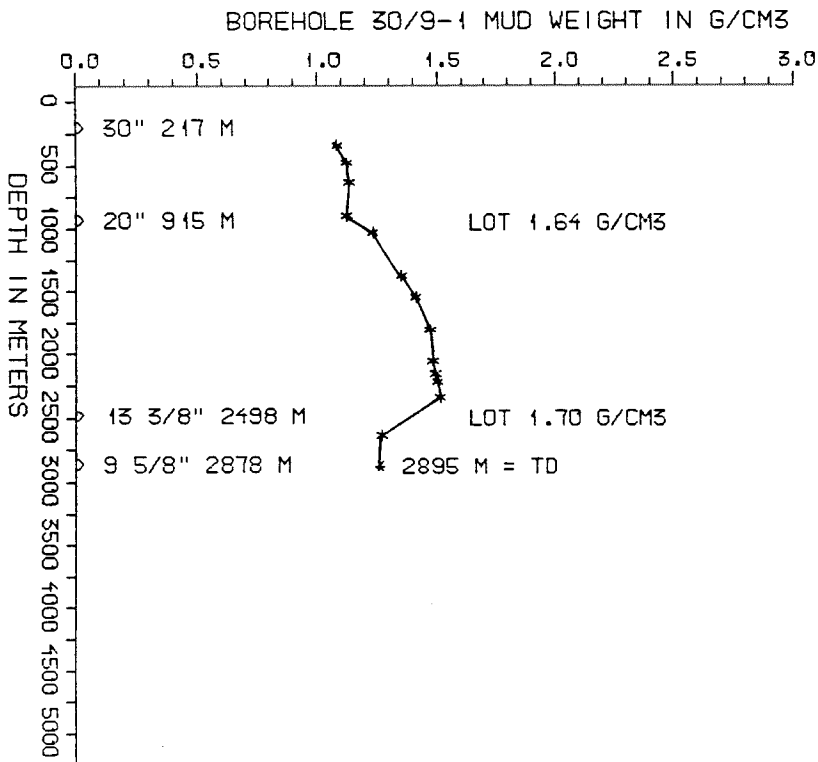
DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm ³ /d	GAS M Sm ³ /d	OIL GRAV. g/cm ³	GAS GRAV. rel.air	GOR m ³ /m ³	FSIP	WHP
1	2743 - 2761	17.4	200	WATER					
2	2727 - 2733	11.1	325	36.520	0.864	0.780	112		985
3	2689 - 2692	11.1	375	39.640	0.850	0.724	105		1220

AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
ISF LSS GR	219 - 965		X
ISF LS SONIC MSFL	951 - 2513	X	X
ISF LS SONIC	2495 - 2895	X	X
LDT CNL	951 - 2507	X	X
LDT CNL	2495 - 2893	X	X
EPT	2495 - 2893	X	X
MLL	2495 - 2893	X	X
DLL MSFL	2495 - 2850	X	X
CDM	1900 - 2515	X	
CDM AP	1898 - 2512	X	X
CDM AP	2495 - 2897	X	
NGT	2495 - 2897	X	X
RFT	2570 - 2872		
RFT HP	2570 - 2872	X	
CBL VDL CCL	1300 - 2485	X	
VELOCITY	219 - 2895		X

MUD PROPERTIES			
DEPTH BELOW KB m	WEIGHT g/cm ³	FUNNEL VISC. sec	FILTRATE LOSS cm ³
260	1.05		
400	1.09		
560	1.10		
820	1.09		
950	1.20		
1300	1.32		
1470	1.38		
1730	1.44		
1980	1.45		
2080	1.46		
2140	1.47		
2260	1.48		
2560	1.24		
2895	1.24		

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS		
WET SAMPLES	250 - 2895	490

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
317	POSSIBLE SHALLOW GAS



WELL HISTORY - 30/9-1

GENERAL:

The wildcat 30/9-1 was drilled on the southern part of the block 30/6 Alpha structure which extends into block 30/9. The structure contains proven reserves of oil and gas in the Middle Jurassic Brent Group sandstone reservoir. The primary objective of the well was to establish the level of the oil/water contact in the southern part of the structure in the Etive Formation. The well encountered hydrocarbon bearing Middle Jurassic Brent Group sandstones and the free water level was established in the Etive Formation.

OPERATIONS:

The well was spudded 24.10.82 by the semi-submersible rig Treasure Seeker. A total of seven cores were continuously cut from the top of the Ness Formation and down into the Dunlin Group shales. No major problems occurred during drilling. The well was drilled using waterbased mud.

TESTING:

Three DST's were performed, one production test and water injection test below the oil water contact and two production tests in the oil zone. The two tests in the oil zone produced oil and gas.

GEOLOGICAL TOPS
WELL 30/9-1

	Depth m (RKB)
Nordland Group	131,0
Utsira Fm	645,0
Hordaland Group	880,0
Rogaland Group	1988,5
Balder Fm	1988,5
Sele Fm	2072,0
Lista Fm	2158,0
Montrose Group	2270,0
Maureen Fm	2270,0
Shetland Group	2281,0
Cromer Knoll Group	2415,0
Viking Group	2424,5
Draupne Fm	2424,5
Heather Fm	2470,0
Brent Group	2685,0
Ness Fm	2685,0
Etive Fm	2735,0
Dunlin Group	2783,0
Drake Fm	2783,0
TD =	2895,0