

Well no : 24/12-02 Operator : STATOIL

Coordinates : 59 12 00.75 N UTM coord. : 6563033 N  
 01 52 53.34 E 436110 E

Licence no : 045 Permit no : 294

Rig : DYVI DELTA

Contractor : DYVI OFFSHORE A/S

Bottom hole temperature : 142 deg.C Elev. KB : 32 M

Spud. date : 81.06.23 Water depth : 119 M

Compl. date : 82.01.21 Total depth : 5100 M

Spud. class : WILDCAT Form. at TD : JURASSIC

Compl. class : P&A. DRY HOLE Prod. form :

Seisloca : 403 - 148 SP: 38.

#### LICENSEES

-----

10,000 NORSK HYDRO PRODUKSJON A.S  
 5,000 SAGA PETROLEUM A.S  
 50,000 DEN NORSKE STATS OLJESELSKAP A.S  
 35,000 TEXACO EXPLORATION NORWAY A/S

#### CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm
CONDUCTOR	30	199,5	36	202,5	
SURF.COND.	20	992,0	26	1005,0	1,50
INTERM.	13 3/8	2873,0	17 1/2	2886,0	1,79
INTERM.	9 5/8	3966,0	12 1/4	3980,0	2,13
OPEN HOLE			8 1/2	5100,0	

#### CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M	%	Series
1	4960.0 - 4978.0	17.7	98.3	JURASSIC

DRILL STEM TEST									
TEST NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY					PRESS. (psi)	
			OIL Sm <sup>3</sup> /d	GAS M Sm <sup>3</sup> /d	OIL GRAV. g/cm <sup>3</sup>	GAS GRAV. rel. air	GOR m <sup>3</sup> /m <sup>3</sup>	FSIP	WHP
	NONE								

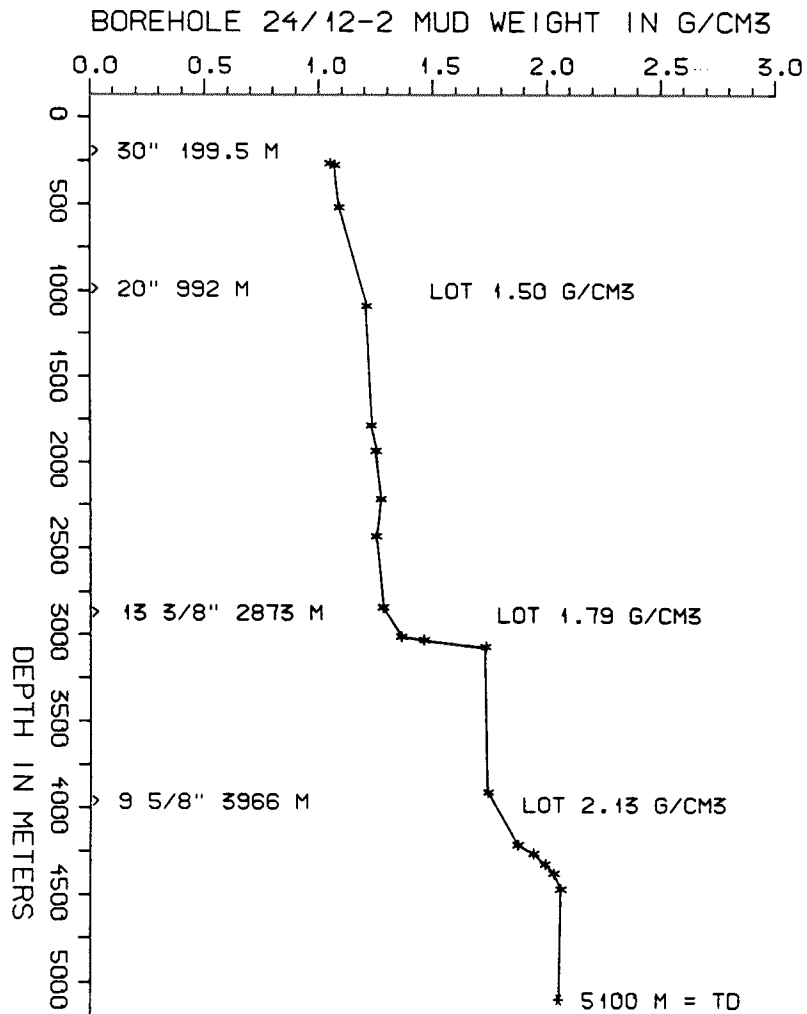
AVAILABLE LOGS			
LOG TYPE	INTERVALS	1/200	1/500
ISF SONIC GR	199 - 1002	x	x
ISF BHC	992 - 2744	x	x
ISF BHC	2645 - 2886	x	x
ISF BHC	2869 - 3982	x	x
ISF BHC	3963 - 5102	x	x
FDC CNL	199 - 1003	x	x
FDC CNL	992 - 2745	x	x
FDC CNL	1600 - 2887	x	x
FDC CNL	2869 - 3984	x	x
FDC CNL	3962 - 5090	x	x
DLL MSFL	4900 - 5025	x	x
CDM	3963 - 4923	x	
CDM	4899 - 5103	x	
CDM AP	3963 - 5103	x	x
RFT		x	
CBL VDL	992 - 2869	x	
CBL VDL	2380 - 3963	x	
MUD	200 - 2440		x
MUD	2220 - 5100		x
VELOCITY	199 - 5102	1:1000	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)  
(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>
200	1.02	50	
210	1.04	48	
450	1.06	52	
1020	1.18	40	
1720	1.20	45	
1870	1.22	45	
2150	1.24	52	
2365	1.22	41	
2770	1.25	54	
2940	1.33	40	
2960	1.43	42	
3000	1.70	46	
3840	1.71	48	
4145	1.84	64	
4195	1.91	64	
4255	1.96	66	
4310	2.00	64	
4400	2.03	74	

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	200 - 5100	1190
WET SAMPLES	210 - 5100	1222

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE



## WELL HISTORY - 24/12-2

### GENERAL :

24/12-2 was drilled as a wildcat on the Alpha-structure in the northeastern part of block 24/12-2. Hydrocarbon shows were encountered in sandstones of Jurassic age.

### OPERATIONS :

24/12-2 was spudded by "Dyvi Delta" 23.06.81. Operations on both 36" and 26" sections went smooth. During drilling of the 17 1/2" section the drillpipe broke off at 2044 m. This was recovered and drilling continued to 2445 m. One stand was left in the hole at this depth and fishing was unsuccessful. Both fish and open hole were cemented up to 2160 and the well was sidetracked from 2220 m.. The 8 1/2 " hole was drilled to 4306 m when a 21 day strike occurred. One core was taken in this section before the well reached TD at 5100 m.

### TESTING :

The well was not tested. An attempt was made to take two RFT samples, but this was not successful due to tight formation.

# GEOLOGICAL TOPS

WELL: 24/12-2

	Depth m (RKB)
Nordland Group	
Utsira Fm	528 m
Hordaland Group	711 m
Rogaland Group	2052 m
Balder Fm	2052 m
Sele Fm	2120 m
Montrose Group	2202 m
Heimdal Fm	2202 m
Rogaland Group	2407 m
Lista Fm	2407 m
Montrose Group	2490 m
Maureen Fm	2490 m
Shetland Group	2616 m
Chalc Group	3598 m
Plenus Marl Fm	3598 m
Cromer Knoll Group	3684 m
Rødby Fm	3684 m
Sola Fm	3985 m
Valhall Fm	4043 m
Viking Group	4261 m
Draupne Fm	4261 m
Heather Fm	4640 m

TD = 5100 m