

WELL NO : 31/2-5

COORDINATES: 60 DEG. 46'16.20" N
03 DEG. 25'53.46" E

SEISM. LOC.: 6744-56 SP 144

LICENSEE : STATOIL/SHELL GR.

LICENSE NO : 054

PERMIT NO : 263

RIG : WEST VENTURE

CONTRACTOR : A/S SMEDVIG DRILLING

BOTTOM HOLE TEMPERATURE: 66 °C

OPERATOR: SHELL

SPUD CLASSIFICATION : WILDCAT

COMPL. CLASSIFICATION: OIL & GAS DISC. SUSP. FOR TESTING

FORMATION AT TD : TRIASSIC

PRODUCING FORMATION :

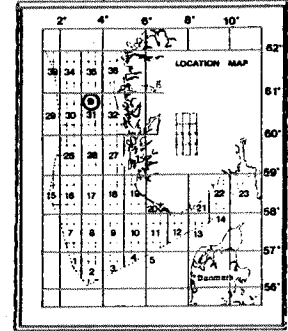
TOTAL DEPTH (MSL) : 2500 M

WATER DEPTH : 333 M

ELEVATION KB : 32 M

SPUD DATE : 26.10.80

COMPL. DATE: 21.12.80



REMARKS:

CASINGS AND LEAK-OFF TESTS

TYPE	CASING DIAM. inches	DEPTH BELOW KB m	HOLE DIAM. inches	DEPTH BELOW KB m	L.O.T MUD EQV. g/cm3
CONDUCTOR	30	421	36	421	
SURF. COND.	20	785	26	795	
INTERM.	13 3/8	1445	17 1/2	1455	1.60
INTERM.	9 5/8	1776	12 1/4	1786	1.69
LINER	7		8 1/2	2500	

CONVENTIONAL CORES

CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
1	1511.7 - 1514.8	2.6	82
2	1514.8 - 1519.0	2.5	60
3	1519.0 - 1521.5	0.0	0
4	1536.0 - 1539.5	2.0	57
5	1539.5 - 1542.0	1.0	38
6	1542.0 - 1547.0	3.6	72
7	1547.0 - 1555.0	6.7	83
8	1555.0 - 1555.5	0.2	40
9	1555.5 - 1565.0	9.5	95
10	1565.0 - 1573.4	8.4	100
11	1573.4 - 1573.9	0.5	100
12	1573.9 - 1589.5	3.5	22
13	1589.5 - 1590.6	0.1	10
14	1590.5 - 1599.5	9.0	100
15	1599.5 - 1604.0	4.5	100
16	1604.0 - 1613.0	7.9	87
17	1613.0 - 1616.0	2.4	78

More core information on next page

MUD PROPERTIES

DEPTH BELOW KB m	WEIGHT g/cm3	FUNNEL VISC. sec	FILTRATE LOSS cm3	REMARKS
414	1.03			
473	1.05	36	37.0	
788	1.20	75	6.0	
1270	1.21	54	5.4	
1448	1.25	55	5.6	
1806	1.15	50	4.6	

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500
ISF/SONIC/GR	363 - 820	X	X
ISF/SONIC/GR	630 - 1468	X	X
ISF/SONIC/GR	1468 - 1805	X	X
ISF/SONIC/GR	1800 - 2526	X	X
DDBHC/GR	1468 - 1806	X	X
DDBHC(8' Span)	1468 - 1806	X	
FDC/CNL	438 - 821	X	X
FDC/CNL	807 - 1467	X	X
FDC/CNL	1468 - 1805	X	X
FDC/CNL	1800 - 2527	X	X
LDT	1468 - 1806	X	X
DLL/MSFL	1468 - 1806	X	X
CDM	1468 - 2525	X	
CDM-AP	1470 - 2525	X	X
CDM-PP	1536 - 2100		
SHDT	1468 - 1807	X	
SHDT	1800 - 2522	X	
TEMP	330 - 1630		1:1000
TEMP	300 - 1261	1:1000 ¹	X
TEMP	1390 - 1630		X
CBL/VDL/GR	362 - 1465	X	X
CBL/VDL/GR	810 - 1798	X	X
RFT	1468 - 1805	1:100	
Mud	366 - 2532		X
Velocity	363 - 2526	1:1000	X

¹ Both scales on same log

DRILL STEM TESTS											
TEST NO	FLOW NO	DEPTH BELOW KB	CHOKE SIZE mm	RECOVERY						PRESS. (psi)	
				OIL Sm ³ /day	GAS M Sm ³ /day	OIL GRAV. g/cm ³	GAS GRAV. rel. air	GOR m ³ /m ³	OTHER FLUIDS/REMARKS	FSIP	FFP
		NONE									

DRILL BIT CUTTINGS AND WET SAMPLES		
SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	418 - 2500	690
WET SAMPLES	418 - 2500	480

SHALLOW GAS	
DEPTH INTERVAL m KB	REMARKS
	NONE

CONVENTIONAL CORES (CONTINUED)			
CORE NO	INTERVALS CORED m	RECOVERY	
		m	%
18	1616.0 - 1625.0	9.0	100
19	1625.0 - 1634.0	8.4	93
20	1634.0 - 1643.0	8.9	99
21	1643.0 - 1652.0	8.6	96

GEOLOGICAL TOPS

WELL : 31/2-5

	Depth m (RKB)
Nordland Group	365
Hordaland Group	787
Rogaland Group	1345.5
Balder Fm	1345.5
Sele Fm	1396
Lista Fm	1475.5
Shetland Group	1532.5
Viking Group	1536
Sognefjord Fm	1536
Heather Fm	1615
Fensfjord Fm	1693
Krossfjord Fm	1789
Heather Fm	1860
Brent Group	1956.5
Ness Fm	1956.5
Etive Fm	2223
Rannoch Fm	2269.5
Dunlin Group	2110
Drake Fm	2110
Cook Fm	2202
Amundsen Fm	2230
Johansen Fm	2310
Amundsen Fm	2358
Statfjord Fm	2404
Hegre Group	2471

TD = 2532