Well no : 31/ 2-05 R2 **Operator :** SHELL

Coordinates	: 60 46 16.20 N 03 25 53.46 E	UTM coord. UTM zone 31	: 6737535 N 523507 E
Licence no	: 054	Permit no	: 263
Rig	: BORGNY DOLPHIN	Rig type	: SEMI-SUB.
Contractor	: DOLPHIN SERVICES A/S		
Bottom hole temperature	: 66 deg.C	Elev. KB	: 25 M
Spud date	: 84.03.22	Water depth	: 333 M
Compl. date	: 84.04.22	Total depth	: 2525 M
Spud class.	: WILDCAT	Age at TD	: TRIASSIC
Compl. class.	: P&A. OIL/GAS DISC.		
Seis. loc.	: 79421 SP: 274		

LICENSEES

5.000	CONOCO NORWAY INC.
5.000	NORSK HYDRO PRODUKSJON A.S
35.000	A/S NORSKE SHELL
50.000	DEN NORSKE STATS OLJESELSKAP A.S
5.000	SUPERIOR OIL NORGE A/S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	443.0	36	446.0	
SURF.COND.	20	809.0	26	820.0	1.55
INTERM.	13 3/8	1470.0	17 1/2	1480.0	1.60
INTERM.	9 5/8	1801.0	12 1/4	1812.0	1.69
OPEN HOLE			8 1/2	2525.0	

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery M	Recovery %	Series
1	1511.7 - 1514.8	2.6	83.9	PALEOCENE
2	1514.8 - 1519.0	2.5	59.5	PALEOCENE
3	1519.0 - 1521.5	0.0	0.0	PALEOCENE
4	1536.0 - 1539.5	2.0	57.1	PALEOCENE
5	1539.5 - 1542.0	1.0	40.0	PALEOCENE
6	1542.0 - 1547.0	3.6	72.0	PALEOCENE
7	1547.0 - 1555.0	6.7	83.8	PALEOCENE

(Cont.)

CONVENTIONAL CORES (Cont.)

Core no.	Intervals cored meters	Recovery M	Recovery %	Series
8	1555.0 - 1555.5	0.2	40.0	PALEOCENE
9	1555.5 - 1565.0	9.5	100.0	PALEOCENE
10	1565.0 - 1573.4	8.4	100.0	PALEOCENE
11	1573.4 - 1573.9	0.5	100.0	PALEOCENE
12	1573.9 - 1589.5	3.5	22.4	PALEOCENE
13	1589.5 - 1590.6	0.1	9.1	PALEOCENE
14	1590.5 - 1599.5	9.0	100.0	PALEOCENE
15	1599.5 - 1604.0	4.5	100.0	PALEOCENE
16	1604.0 - 1613.0	7.9	87.8	PALEOCENE
17	1613.0 - 1616.0	2.4	80.0	PALEOCENE
18	1616.0 - 1625.0	9.0	100.0	PALEOCENE
19	1625.0 - 1634.0	8.4	93.3	PALEOCENE
20	1634.0 - 1643.0	8.9	98.9	PALEOCENE
21	1643.0 - 1652.0	8.6	95.6	PALEOCENE

MUD PROPERTIES

Depth below KB meter	Mud weigth g/cm3	Funnel viscosity s/qt	Mud type
500.0	1.05	36.0	WATER BASED
1030.0	1.21	51.0	WATER BASED
1510.0	1.25	60.0	WATER BASED
1870.0	1.50	48.0	WATER BASED
1940.0	1.15	51.0	WATER BASED
1960.0	1.25	49.0	WATER BASED
2110.0	1.15	46.0	WATER BASED

DRILL STEM TEST

INTERVALS AND PRESSURES

Test no.	Interval meter	Choke size	Pressure FSIP	Pressure BTHP	Pressure FFP
1.0	1594.0 - 1591.0	50.8			

RECOVERY

Test no.	Oil Sm3/d	Gas M Sm3/d	Oil grav. g/cm3	Gas grav. rel. air	GOR m3/m3
1.0	668		0.880		

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	450 - 2532	690
WET SAMPLES	450 - 2532	480

SHALLOW GAS

INTERVAL BELOW KB	REMARKS
	NONE

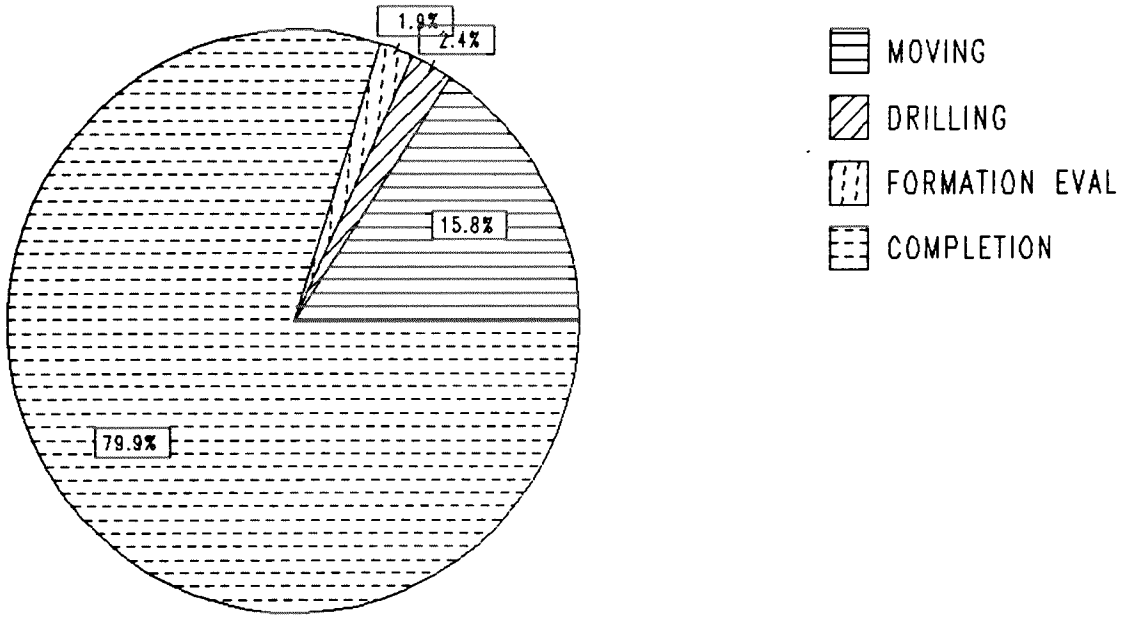
AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500

NO LOGS WERE RUN IN THE WELL 31/2-5 R2

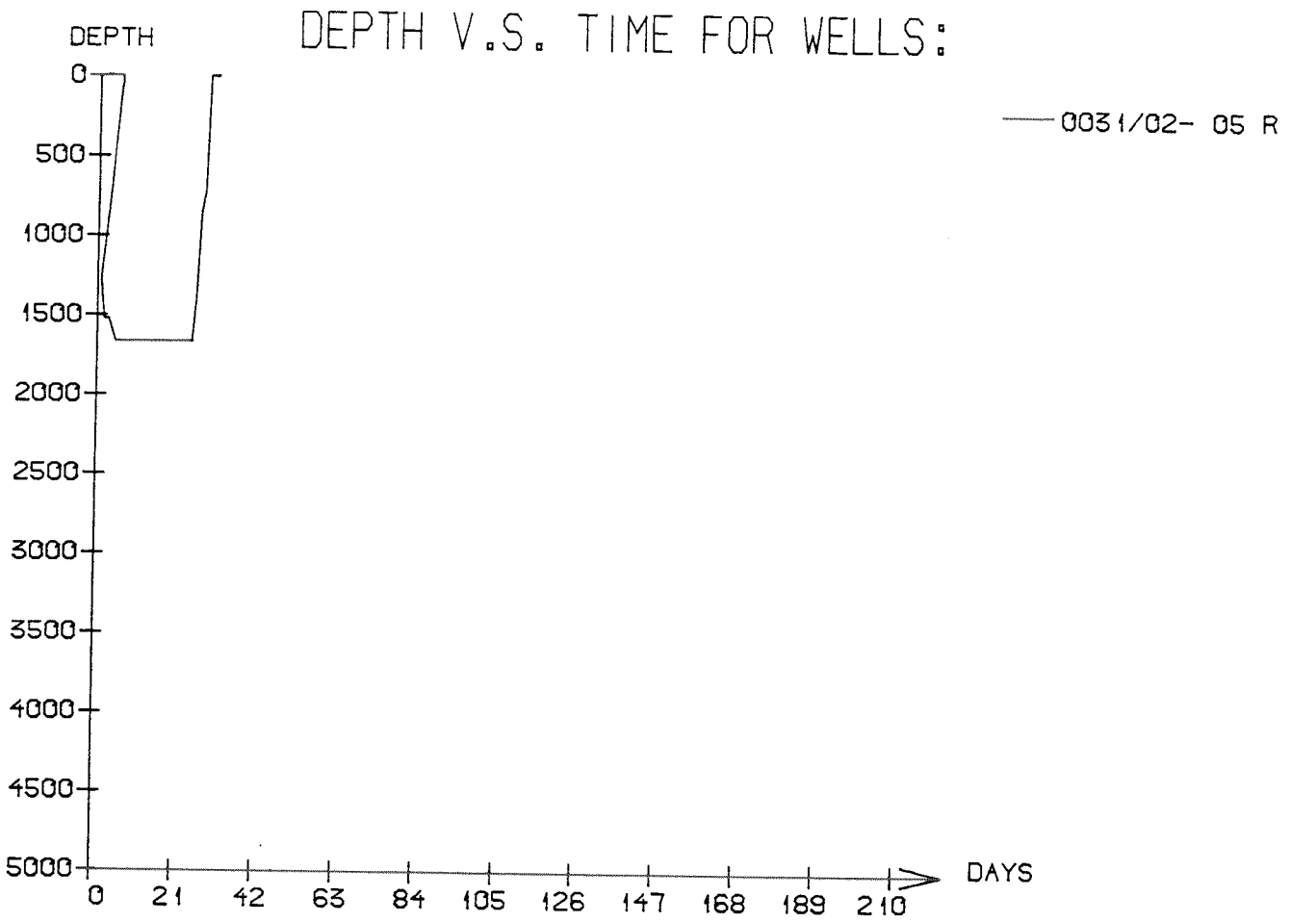
DAILY DRILLING REPORT SYSTEM

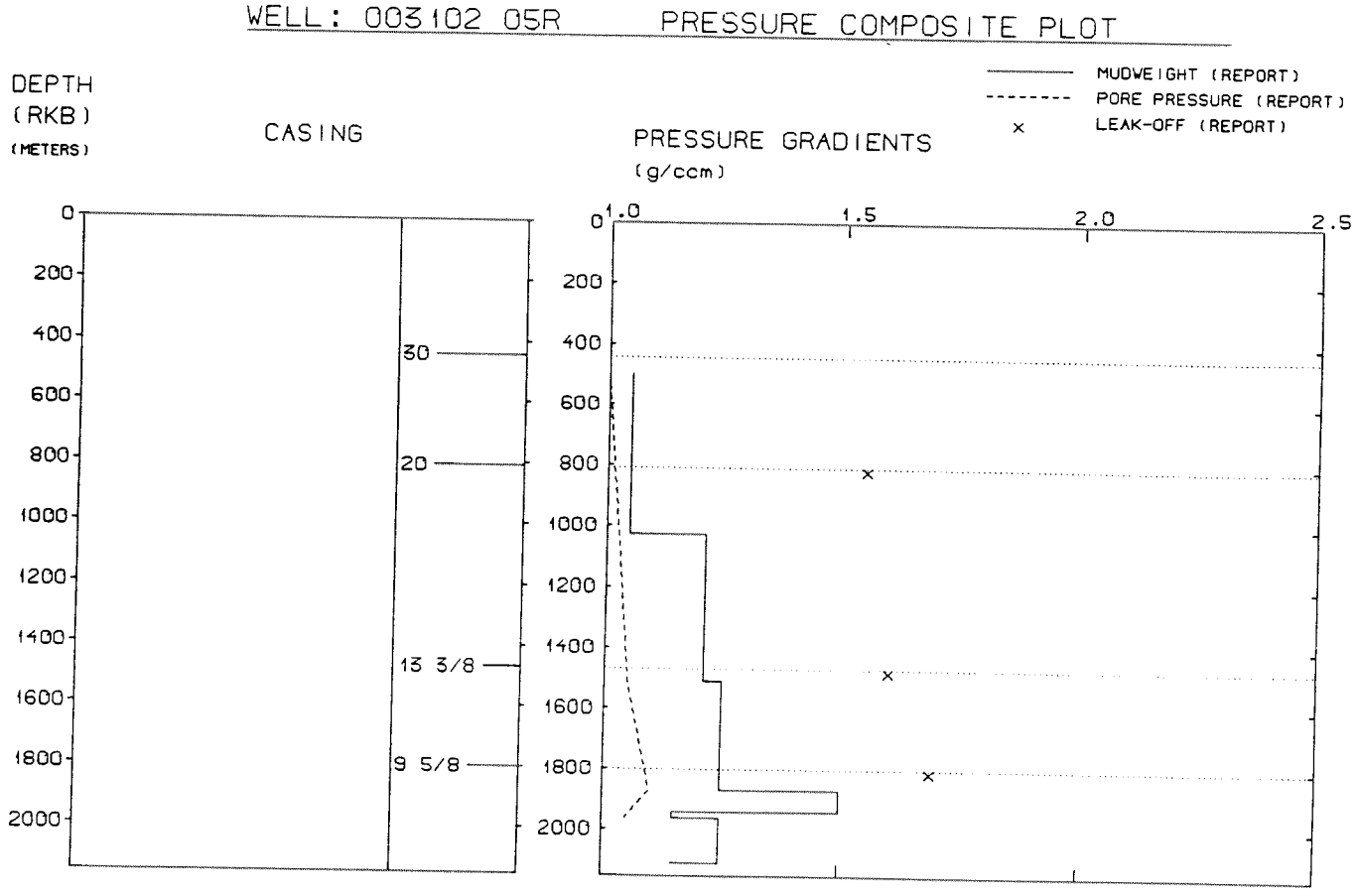
Main operation : 31/02-05 R



Total : 999,00 HRS

Main operation	Hours	% of total
MOVING	158,00	15,82
DRILLING	24,50	2,45
FORMATION EVAL	19,50	1,95
COMPLETION	797,00	79,78


DEPTH V.S. TIME FOR WELLS:
DEPTH
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
0
21
42
63
84
105
126
147
168
189
210
DAYS
0031/02- 05 R


WELL: 003102 05R PRESSURE COMPOSITE PLOT
DEPTH
(RKB)
(METERS)
CASING
PRESSURE GRADIENTS
(g/ccm)
MUDWEIGHT (REPORT)
PORE PRESSURE (REPORT)
LEAK-OFF (REPORT)
30
20
13 3/8
9 5/8
1.0
1.5
2.0
2.5

WELL HISTORY - 31/2-5 R2

GENERAL:

The wildcat 31/2-5 was drilled in 1980, see WDSS vol.11. The well was tested in 1981, see WDSS vol.12. The well was re-entered for the second time in 1984. The objective of the test performed, was to test the oil-water coning behaviour.

OPERATIONS:

The well 31/2-5 R2 was re-entered 22.03.84 for the second time by the semi-submersible rig Borgny Dolphin.

TESTING:

One test was performed in the Upper Jurassic sequence, oil was produced.