

Well no : 30/ 6-14

Operator : HYDRO

Coordinates : 60 38 07.69 N UTM coord. : 6722344 N
 02 59 21.76 E UTM zone 31 499418 E
 Licence no : 053 Permit no : 398
 Rig : TREASURE SCOUT Rig type : SEMI-SUB.
 Contractor : WILHELMSSEN OFFSHORE SERVICES
 Bottom hole temperature : 88 deg.C Elev. KB : 23 M
 Spud date : 83.12.17 Water depth : 148 M
 Compl. date : 84.02.08 Total depth : 2900 M
 Spud class. : WILDCAT Age at TD : JURASSIC
 Compl. class. : P&A. OIL DISCOVERY
 Seis. loc. : ST 8006 - 402 SP 202

LICENSEES

 13.333 ELF AQUITAINE NORGE A/S
 12.500 NORSK HYDRO PRODUKSJON A.S
 10.000 MOBIL EXPLORATION NORWAY INC.
 7.500 SAGA PETROLEUM A.S.
 50.000 DEN NORSKE STATS OLJESELSKAP A.S
 6.667 TOTAL MARINE NORSK A/S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm ³
CONDUCTOR	30	258.0	36	260.0	
SURF.COND.	20	601.0	26	618.0	1.79
INTERM.	13 3/8	1648.0	17 1/2	1675.0	1.74
INTERM.	9 5/8	2885.0	12 1/4	2900.0	

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	2561.0 - 2567.6	6.6	100.0	MIDDLE JURASSIC
2	2608.0 - 2621.0	13.0	100.0	LOWER JURASSIC
3	2785.0 - 2800.0	13.5	90.0	LOWER JURASSIC

MUD PROPERTIES

Depth below KB meter	Mud weight g/cm ³	Funnel viscosity s/qt	Mud type
495.0	1.10	53.0	WATER BASED
1365.0	1.12	50.0	WATER BASED
1650.0	1.13	45.0	WATER BASED
1710.0	1.25	45.0	WATER BASED
2195.0	1.24	45.0	WATER BASED
2280.0	1.25	54.0	WATER BASED
2360.0	1.24	50.0	WATER BASED

DRILL STEM TEST

INTERVALS AND PRESSURES

Test no.	Interval meter	Choke size	Pressure (PSI)		
			FSIP	BTHP	WHP
1.0	2787.0 - 2783.0	50.8			<50.0
1.1	2788.0 - 2783.0	50.8			<65.0

RECOVERY

Test no.	Oil Sm ³ /d	Gas M Sm ³ /d	Oil grav. g/cm ³	Gas grav. rel. air	GOR m ³ /m ³
1.0	13		0.845		
1.1	20		0.835		

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
CUTTINGS	195 - 3972	875
WET SAMPLES	200 - 3972	480

SHALLOW GAS

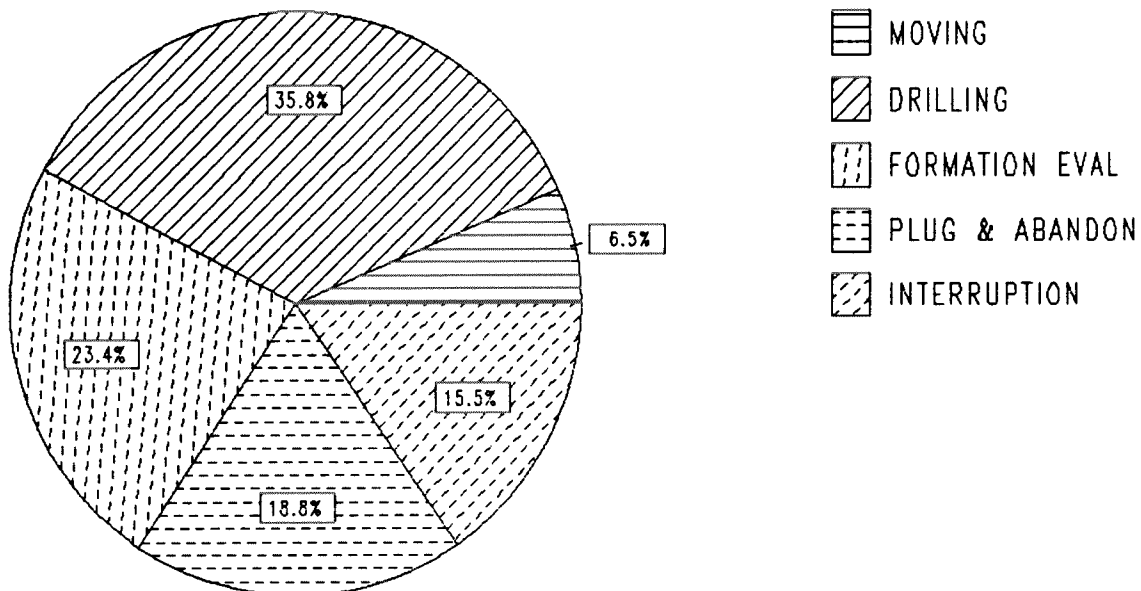
INTERVAL BELOW KB	REMARKS
423 M	POSSIBLE SHALLOW GAS
470 M	POSSIBLE SHALLOW GAS

AVAILABLE LOGS

LOG TYPE	INTERVAL	1/200	1/500
ISF LSS GR	259 - 2903		X
ISF LSS SP	259 - 618	X	
ISF LSS	601 - 1647	X	
ISF LSS	1649 - 1903	X	
LDL CAL	601 - 1648	X	1:1000
LDL CNL	1649 - 2904	X	1:1000
LDL CNL	601 - 2904		X
DLL MSFL SP	2600 - 2901	X	X
NGS PLAYBACK	2225 - 2904	X	X
CDM	1800 - 2906	X	
CDM AP	1800 - 2904	X	X
RFT	2421 - 2852	1:100	
CBL VDL	295 - 1640	X	
CBL VDL	1295 - 2824	X	
PRESSURE EVALUATION LOG	260 - 2900	1:5000	
TEMPERATURE DATA LOG	260 - 2900	1:5000	
DRILL. DATA PRESSURE LOG	260 - 2900	1:5000	
MUD	260 - 2900		X
VELOCITY (S.C.L.)	259 - 2905		X

DAILY DRILLING REPORT SYSTEM

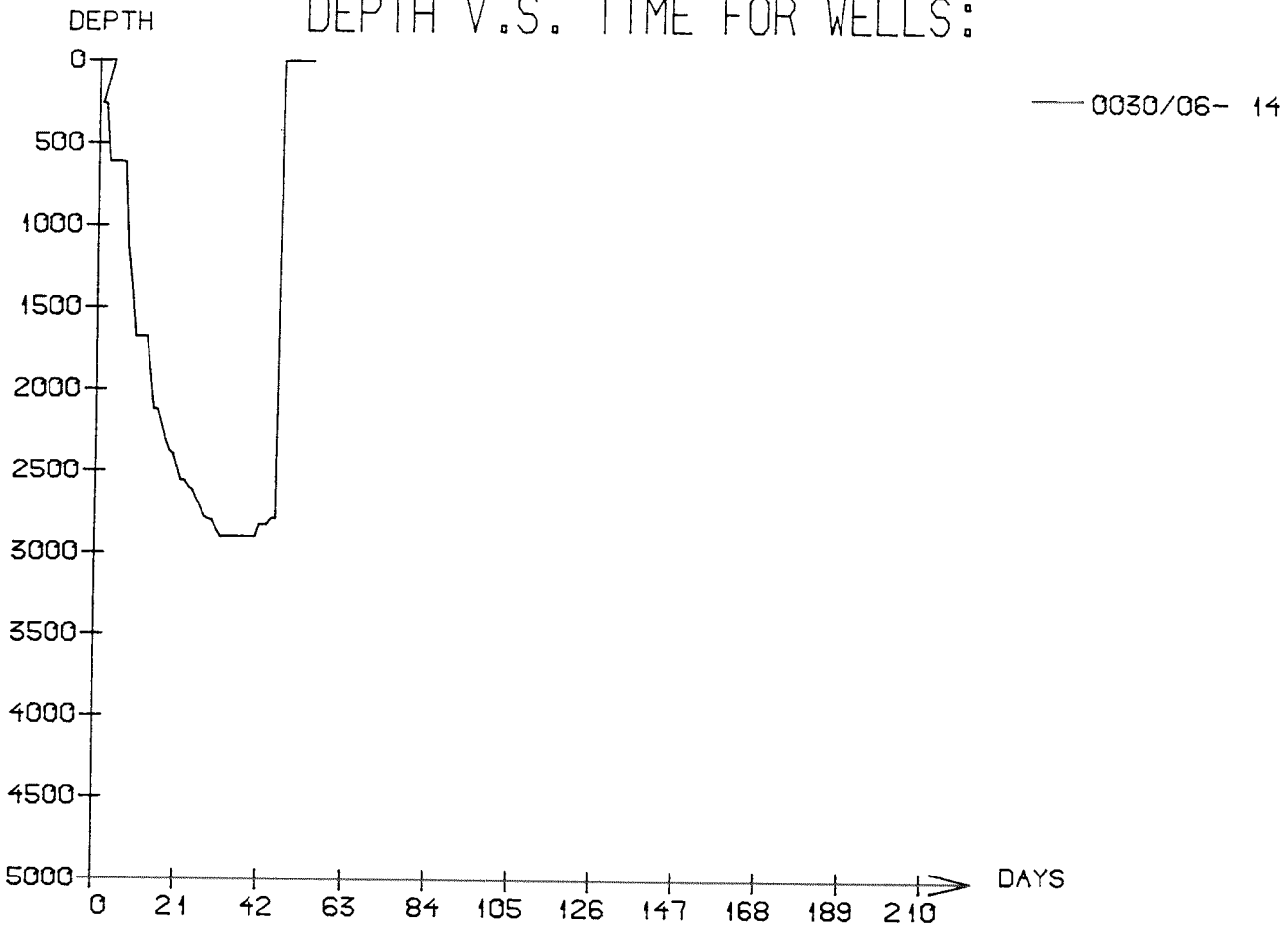
Main operation : 30/06-14



Total : 1403,50 HRS

Main operation	Hours	% of total
MOVING	91,00	6,48
DRILLING	502,50	35,80
FORMATION EVAL	329,00	23,44
PLUG & ABANDON	264,00	18,81
INTERRUPTION	217,00	15,46

DEPTH V.S. TIME FOR WELLS:



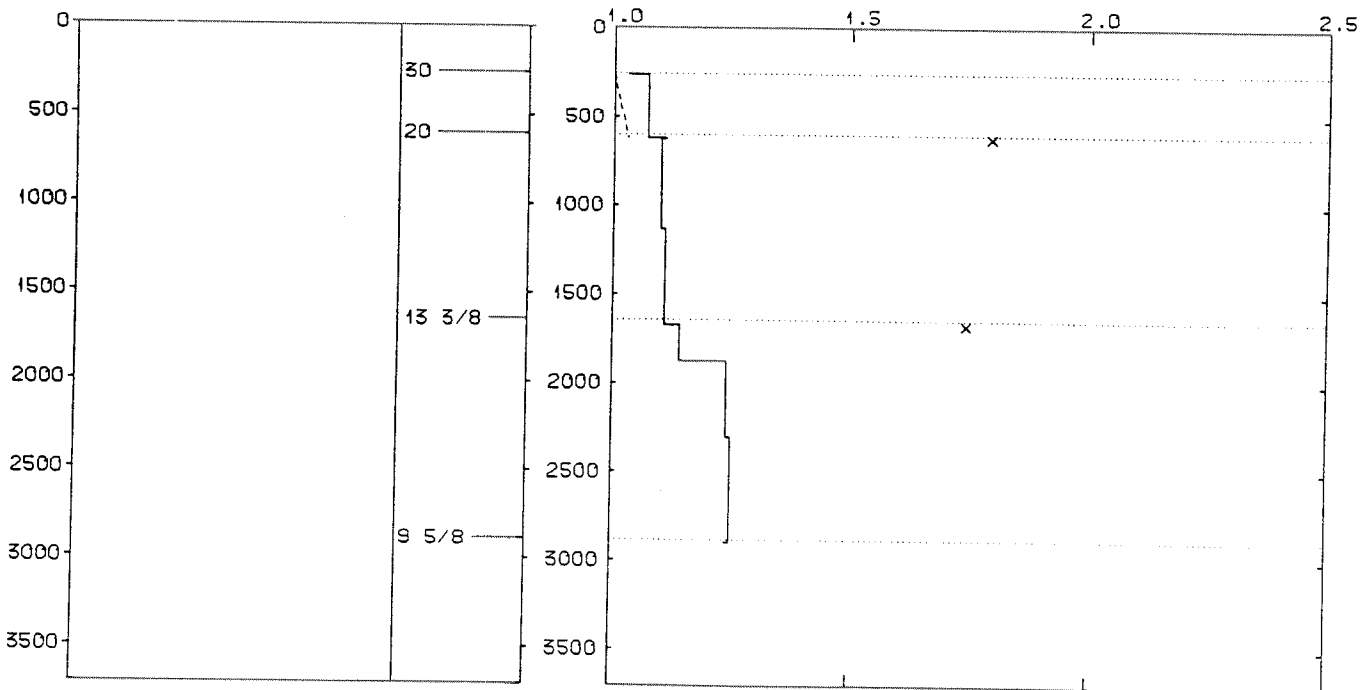
WELL: 003006 14 PRESSURE COMPOSITE PLOT

DEPTH
(RKB)
(METERS)

CASING

PRESSURE GRADIENTS
(g/ccm)

— MUDWEIGHT (REPORT)
- - - PORE PRESSURE (REPORT)
x LEAK-OFF (REPORT)



WELL HISTORY - 30/6-14

GENERAL:

The wildcat 30/6-14 is located on a N-S trending fault block in the eastern part of block 30/6. The primary objectives for the well were to find hydrocarbons in the Brent Group, and to find additional hydrocarbon accumulations within possible Lower and Upper Jurassic sandstone deposits. 30/6-14 encountered hydrocarbons in the Lower Jurassic Statfjord Formation. No additional hydrocarbonbearing reservoirs were encountered by this well. The Brent Group were found water bearing.

OPERATIONS:

30/6-14 was spudded 17.12.83 by the semi-submersible rig Treasure Scout. Three cores were cut in the Jurassic sequence. No major problems occurred during drilling. In the 12 1/4" hole there were problems running the RFT. The first run was a misrun due to tool failure and in the next run the tool got stuck. The well was drilled using water based mud.

TESTING:

Two DST's were performed in the oil zone in the Statfjord Formation. DST no 1.1 was a re-perforation of the same interval as DST no 1.0 with one additional meter. The purpose of the second test was to improve the results of the first. Only small amounts of oil were produced.

GEOLOGICAL TOPS

WELL: 30/ 6-14

	Depth m (RKB)
<i>Nordland Group</i>	171.000
<i>Utsira Fm</i>	706.000
<i>Hordaland Group</i>	855.000
<i>Rogaland Group</i>	1857.000
<i>Balder Fm</i>	1857.000
<i>Sele Fm</i>	1920.000
<i>Lista Fm</i>	1952.000
<i>Våle Fm</i>	2098.000
<i>Shetland Group</i>	2123.000
<i>Cromer Knoll Group</i>	2251.500
<i>Viking Group</i>	2275.000
<i>Draupne Fm</i>	2275.000
<i>Heather Fm</i>	2334.000
<i>Brent Group</i>	2560.000
<i>Etive Fm</i>	2560.000
<i>Dunlin Group</i>	2589.000
<i>Drake Fm</i>	2589.000
<i>Cook Fm</i>	2679.000
<i>Amundsen/Burton Fm</i>	2697.000
 <i>Statfjord Fm</i>	2783.500
 <i>TD =</i>	2900.000