

Well no : 6608/11-01

Operator : STATOIL

Coordinates : 66 01 04.02 N
08 23 38.67 E

UTM coord. : 7322210 N
472517 E

Licence no : 128

Permit no : 523

Rig : DYVI STENA

Rig type : SEMI-SUB.

Contractor : DYVI OFFSHORE A/S

Bottom hole temperature : deg.C

Elev. KB : 25 M

Spud. date : 86.07.19

Water depth : 382 M

Compl. date : 86.08.13

Total depth : 1620 M

Spud. class : WILDCAT

Form. at TD : TRIASSIC

Compl. class : P&A. DRY HOLE

Prod. form :

Seisloca : NRGS 84 - 456 SP. 3540

LICENSEES

10.000000 NORSK AGIP A/S
 15.000000 NORSK HYDRO PRODUKSJON A.S
 15.000000 SAGA PETROLEUM A.S.
 50.000000 DEN NORSKE STATS OLJESELSKAP A.S
 10.000000 TEXAS EASTERN NORWEGIAN INC.

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
CONDUCTOR	30	519.0	36	524.0	.
SURF.COND.	20	677.0	26	695.0	1.42
INTERM.	13 3/8	1165.0	17 1/2	1185.0	1.50

CONVENTIONAL CORES

Core no.	Intervals cored meters	Recovery		Series
		M	%	
1	1372.0 - 1397.7	25.7	100.0	

MUD PROPERTIES

Depth below KB meter	Mud weigth g/cm3	Viscosity	Mud type
695.000	1.12	700.0	WATER BASED
757.000	1.10	1900.0	WATER BASED
1015.000	1.30	2200.0	WATER BASED
1066.000	1.11	1600.0	WATER BASED
1182.000	1.21	2900.0	WATER BASED
1276.000	1.35	2900.0	WATER BASED
1372.000	1.33	3000.0	WATER BASED
1620.000	1.28	2400.0	WATER BASED
1620.000	1.30	2200.0	WATER BASED

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
Cutting	525-1619	200
Wet Samples	525-1619	150

SHALLOW GAS

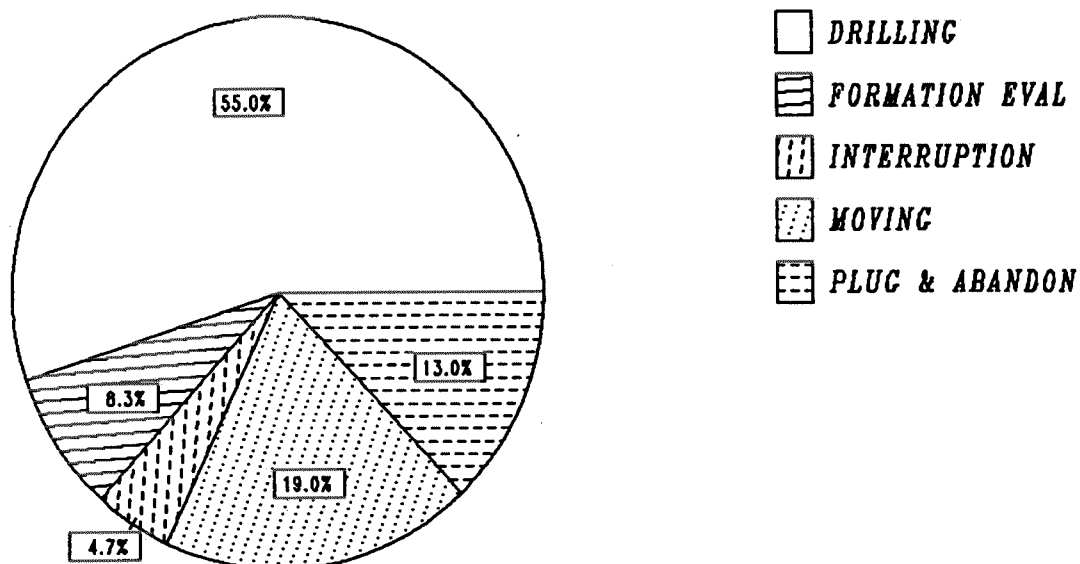
Interval below KB	REMARKS

AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500	Div.
ISF SLS GR	406.000 - 692.000	X	X	
ISF BHC GR	677.000 - 1160.200	X	X	
ISF BHC MSFL GR	1165.000 - 1613.000	X	X	
LDL GR	519.500 - 693.700	X	X	
LDL GR	677.000 - 1171.400	X		
LDL CNL GR	1165.000 - 1614.200	X		
CDM AP/SHDT MSD	1165.000 - 1613.000	X	X	
SHDT GR	1165.000 - 1614.600	X		
MUD	406.000 - 1619.000			X
VELOCITY	406.000 - 1165.000			1:1000X
(VSP, Zero offset, 10&20cm/s. Plot 1-10.				10 stk.)
(VSP, Composite geogram display, 10cm/s				2 stk.)
(VSP, Run 3a, 870m-1615m.				1 stk.)
(Geogram, Synthetic seismogram, 10cm/s.				10 stk.)

DAILY DRILLING REPORT SYSTEM

Main operations for well : 6608/11 -01



Total : 720.00 hours

Main operation	Minutes	Hours	% of total
DRILLING	23760	396.00	55.00
FORMATION EVAL	3570	59.50	8.26
INTERRUPTION	2040	34.00	4.72
MOVING	8220	137.00	19.03
PLUG & ABANDON	5610	93.50	12.99

MAIN OPERATIONS FOR WELL : 6608 / 11 - 01

MAIN OPERATION : DRILLING

Sub operations	Minutes	Hrs	% of total
BOP ACTIVITIES	180	3.00	0.76
BOP/WELLHEAD EQ	3720	62.00	15.66
CASING	4350	72.50	18.31
CIRC/COND	1680	28.00	7.07
DRILL	7050	117.50	29.67
HOLE OPEN	2010	33.50	8.46
OTHER	60	1.00	0.25
REAM	360	6.00	1.52
SURVEY	210	3.50	0.88
TRIP	4140	69.00	17.42
Total	23760	396.00	100.00

MAIN OPERATION : FORMATION EVAL

Sub operations	Minutes	Hrs	% of total
CIRC SAMPLES	210	3.50	5.88
CORE	1110	18.50	31.09
LOG	2250	37.50	63.03
Total	3570	59.50	100.00

MAIN OPERATION : INTERRUPTION

Sub operations	Minutes	Hrs	% of total
MAINTAIN/REP	60	1.00	2.94
OTHER	1980	33.00	97.06
Total	2040	34.00	100.00

MAIN OPERATION : MOVING

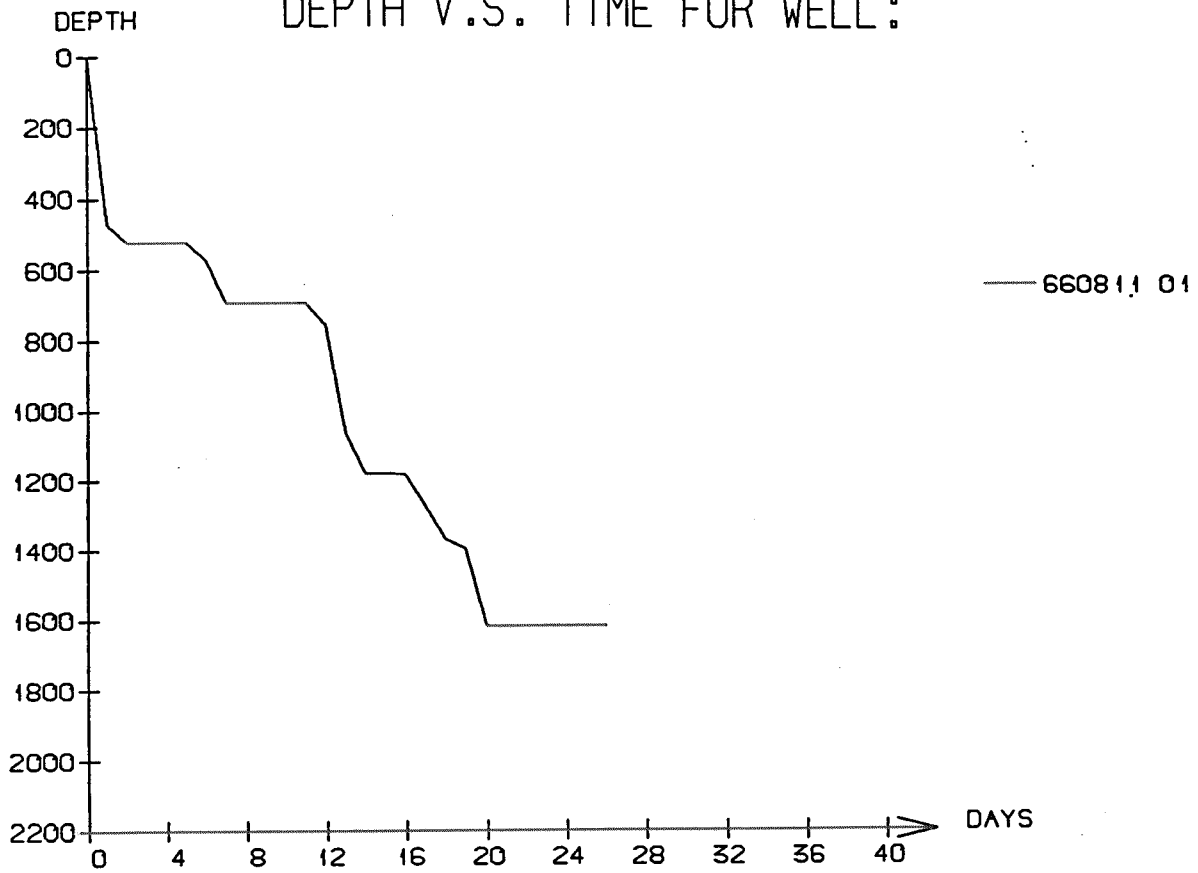
Sub operations	Minutes	Hrs	% of total
ANCHOR	3150	52.50	38.32
TRANSIT	5070	84.50	61.68
Total	8220	137.00	100.00

MAIN OPERATION : PLUG & ABANDON

Sub operations	Minutes	Hrs	% of total
CEMENT PLUG	120	2.00	2.14
CIRC/COND	90	1.50	1.60
CUT	630	10.50	11.23
EQUIP RECOVERY	1890	31.50	33.69
MECHANICAL PLUG	150	2.50	2.67
OTHER	60	1.00	1.07
SQUEEZE	390	6.50	6.95
TRIP	2280	38.00	40.64
Total	5610	93.50	100.00

Total time used 720.00 hrs

DEPTH V.S. TIME FOR WELL:



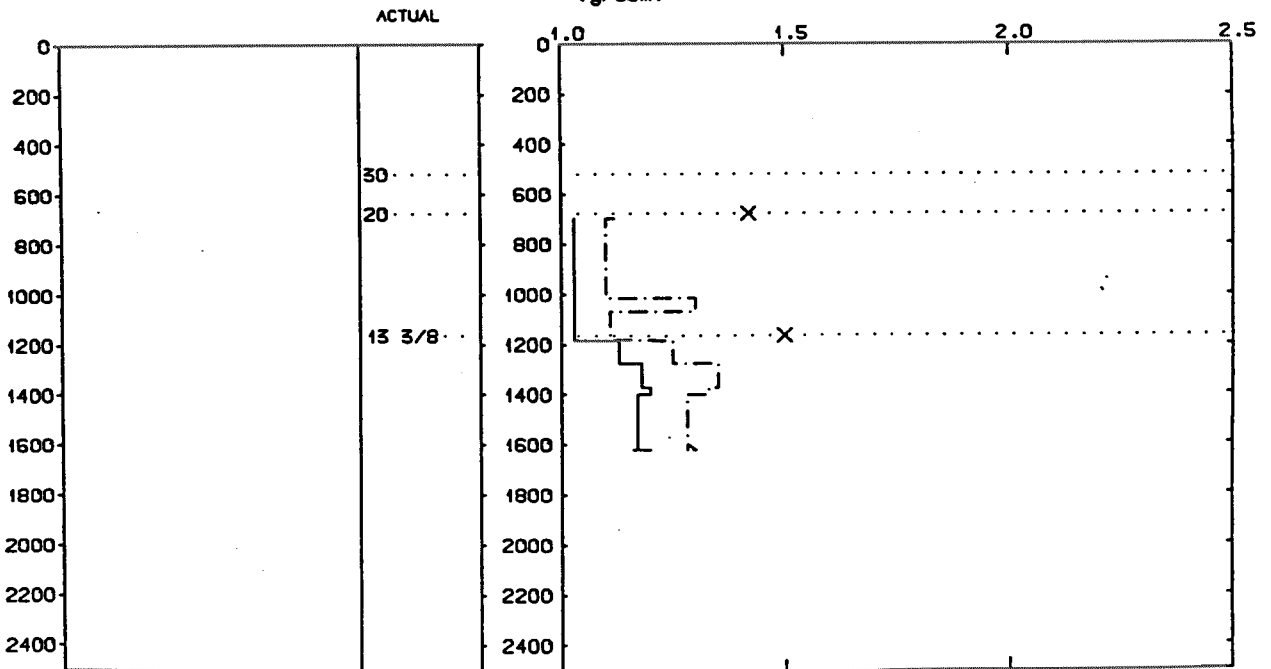
WELL: 660811 01 PRESSURE COMPOSITE PLOT

DEPTH
(RKB)
(METERS MD)

CASING

PRESSURE GRADIENTS
(g/ccm)

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



Well History 6608/11-1.

GENERAL:

Well 6608-11-1 was planned to be drilled on the Nordland Ridge in the Nordland II area, between Tranabanken and Haltenbanken. The well was designed to test for possible hydrocarbon accumulation in the Alpha structure which is situated at the very southern part of the block.

Primary objectives were the Sst of Middle Jurassic to Early Jurassic age. Top Miocene was expected at 1050 m, and top Oligocene at 1110 m. Ror Fm was expected at 1295 m, and Tilje Fm at 1345 m. Lower Jurassic Coal unit, Åre Fm, was expected to come in at 1525 m. The Triassic deposits were supposed to come in at 2010 m. Prognosed depth of the well was 2085 m.

OPERATIONS:

Wildcat well 6608/11-1 was spudded 19 July 1986 by Dyvi Offshore A/S semi-submersible rig Dyvi Stena, and completed 13 August 1986. Due to unexpected geological development, the well was terminated at a depth of 1620 m in Triassic rocks. Drilling proceeded without any significant problems.

One core was cut in the interval 1372- 1397.7 m RKB in Triassic rocks. Top of the expected reservoir came in at 1233 m RKB, no hydrocarbons were encountered. According to electrical logs the formation was waterfilled. Pliocene rocks with traces of tuff are probably resedimented Paleocene tuffitic rocks. Due to erosion these Pliocene rocks are situated at top of the Paleocene deposits. This implies that most of the Tertiary rocks are missing.

Paleocene rocks are resting on Early Jurassic rocks which implies that almost the whole of Cretaceous and Jurassic successions are missing due to erosion.

The well was plugged and abandoned as a dry hole.

TESTING:

DST-test was not performed in this well.

GEOLOGICAL TOPS

WELL: 6608/11-1

Depth m (RKB)

<i>Nordland Group</i>	406,0
<i>Naust Fm</i>	406,0
<i>Kai Fm</i>	1154,0
<i>Rogaland Group</i>	1177,0
<i>Tare Fm</i>	1177,0
<i>Tang Fm</i>	1222,0
<i>Båt Group</i>	1233,0
<i>Åre Fm</i>	1233,0
<i>Triassic Group</i>	1318,0
<i>Grey Beds</i>	1318,0
<i>Red Beds</i>	1418,0
<i>TD:</i>	1620,0