

Well no : 25/05-01A Operator : ELF

Coordinates : 59 43 47.19 N UTM coord. : 6621549 N  
 02 34 13.46 E 475841 E

Licence no : 102 Permit no : 554

Rig : NORTRYM Rig type : SEMI-SUB.

Contractor : GOLAR-NOR OFFSHORE A/S

Bottom hole temperature : deg.C Elev. KB : 25 M

Spud. date : 87.08.01 Water depth : 118 M

Compl. date : 87.09.16 Total depth : 3432 M

Spud. class : APPRAISAL Form. at TD : JURASSIC

Compl. class : P&A. OIL DISCOVERY Prod. form : M. JURASSIC

Seisloca : EL 8503 - 417 SP. 600 (578 TOPP SLEIPN)

LICENSEES

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 30.000000 ELF AQUITAINE NORGE A/S  
 20.000000 A/S NORSKE SHELL  
 50.000000 DEN NORSKE STATS OLJESELSKAP A.S

CASING AND LEAK-OFF TESTS

Type	Casing diam.	Depth below KB	Hole diam.	Hole depth below KB	Lot mud eqv. g/cm3
INTERM.	9 5/8	2030.0	12 1/4	230.0	1.50

MUD PROPERTIES

Depth below KB meter	Mud weight g/cm3	Viscosity	Mud type
2071.000	1.16	26.0	WATER BASED
2082.000	1.18	35.0	WATER BASED
2199.000	1.17	38.0	WATER BASED
2203.000	1.16	38.0	WATER BASED
2335.000	1.18	37.0	WATER BASED
2483.000	1.19	43.0	WATER BASED
2579.000	1.18	40.0	WATER BASED
2791.000	1.19	34.0	WATER BASED
2855.000	1.20	41.0	WATER BASED
2955.000	1.19	39.0	WATER BASED
3432.000	1.20	31.0	WATER BASED

DRILL BIT CUTTINGS AND WET SAMPLES

SAMPLE TYPE	INTERVAL BELOW KB	NUMBER OF SAMPLES
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 Cutting

Wet Samples  
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# SHALLOW GAS

Interval  
below KB

REMARKS

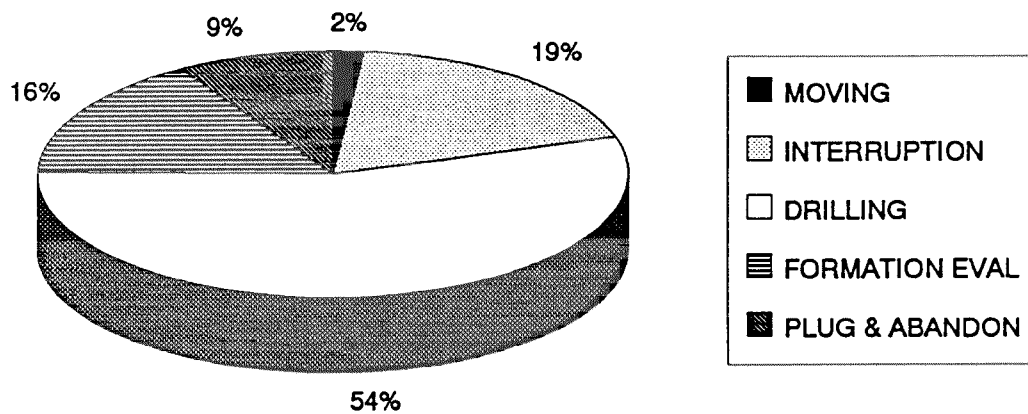
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## AVAILABLE LOGS

LOG TYPE	INTERVALS	1/200	1/500	Div.
DIL GR LSS	2030.000 - 3426.000	X	X	
LDL CNL NGL	2030.000 - 3419.000	X	X	
DLL MSFL GR	2827.000 - 3426.000	X	X	
SHDT GR	2630.000 - 3425.000	X		
SHDT CALIPERS	2630.000 - 3425.000	X		
SHDT CYBERLOOK	2030.000 - 3426.000	X		
RFT (TLC) HP GR	2887.000 - 3389.000			
RFT HP GR	2887.000 - 2890.000			
NGL PLAYBACK	2030.000 - 3419.000	X	X	
MUD	146.000 - 3430.000			X
VELOCITY LOG	2030.000 - 3426.000			1:1000 X
(Well velocity and calibrated log data,				1 stk.)
(Display of well velocity survey records 1-2				2 stk.)
(V.S.P. 10-20 cm/s				10 stk.)
(Synthetic seismogram, 10-20 cm/s				16 stk.)
(Two-way travel time, boat/rig, 10-20 cm/s				4 stk.)

# DAILY DRILLING REPORT SYSTEM

MAIN OPERATIONS FOR WELL: 25/05-01 A



Main operation	Minutes	Hrs	% of total
MOVING	1260	21,0	2,39
INTERRUPTION	12330	205,5	23,42
DRILLING	36360	606,0	69,06
FORMATION EVAL	10620	177,0	20,17
PLUG & ABANDON	5670	94,5	10,77
<i>Total</i>	<i>52650</i>	<i>877,5</i>	<i>100,00</i>

## SUB OPERATIONS FOR WELL: 25/05-01 A

### MAIN OPERATION: MOVING

Sub operation	Minutes	Hrs	% of total
ANCHOR	1260	21,0	100,00
<i>Total</i>	1260	21,0	100,00

### MAIN OPERATION: INTERRUPTION

Sub operation	Minutes	Hrs	% of total
MAINTAIN/REP	3690	61,5	29,93
SIDETRACK	3180	53,0	25,79
FISH	5460	91,0	44,28
<i>Total</i>	12330	205,5	100,00

### MAIN OPERATION: DRILLING

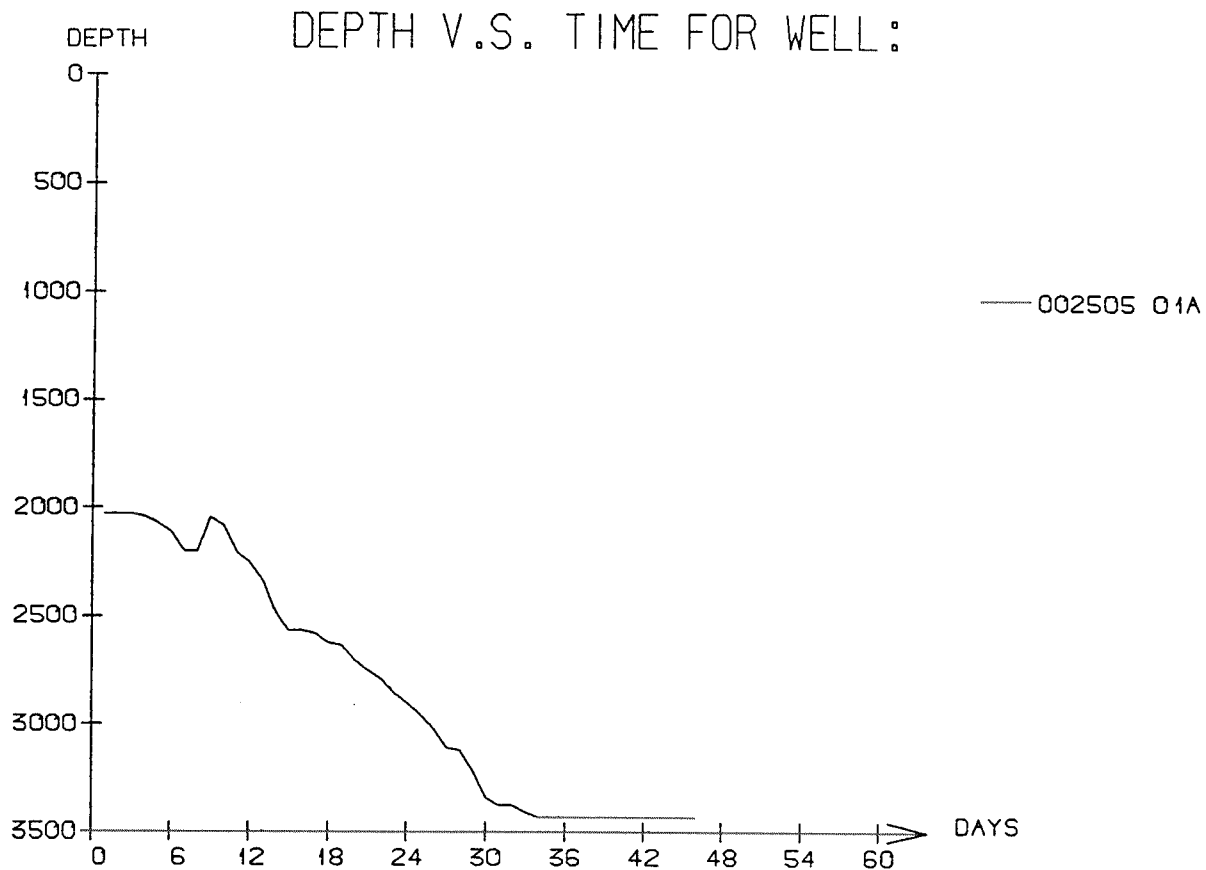
Sub operation	Minutes	Hrs	% of total
OTHER	1440	24,0	3,96
TRIP	10500	175,0	28,88
CIRC/COND	660	11,0	1,82
BOP/WELLHEAD EQ	930	15,5	2,56
CASING	660	11,0	1,82
SURVEY	570	9,5	1,57
DRILL	19770	329,5	54,37
REAM	750	12,5	2,06
HOLE OPEN	240	4,0	0,66
UNDERREAM	600	10,0	1,65
BOP ACTIVITIES	240	4,0	0,66
<i>Total</i>	36360	606,0	100,00

### MAIN OPERATION: FORMATION EVAL

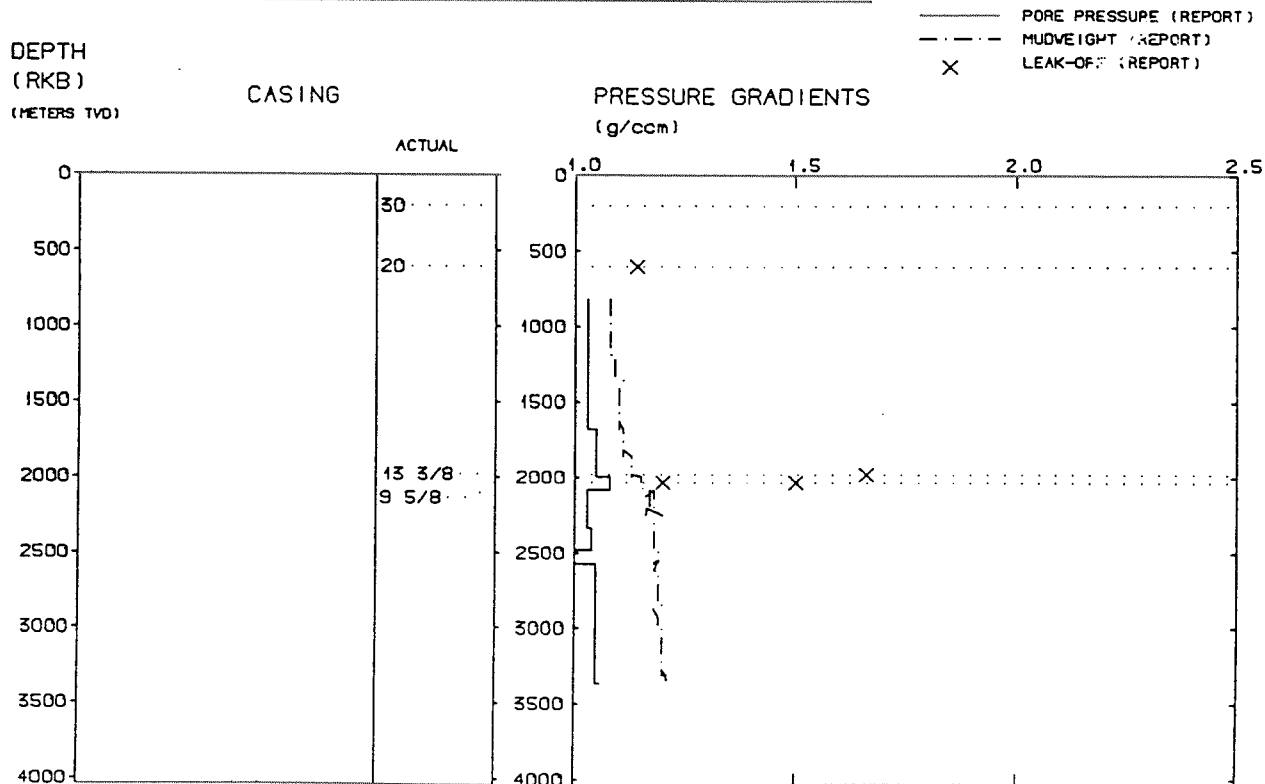
Sub operation	Minutes	Hrs	% of total
CIRC/COND	1140	19,0	10,73
TRIP	3420	57,0	32,20
LOG	2970	49,5	27,97
RFT/FIT	3090	51,5	29,10
<i>Total</i>	10620	177,0	100,00

### MAIN OPERATION: PLUG & ABANDON

Sub operation	Minutes	Hrs	% of total
TRIP	1230	20,5	21,69
CIRC/COND	270	4,5	4,76
CEMENT PLUG	1560	26,0	27,51
MECHANICAL PLUG	660	11,0	11,64
PERFORATE	480	8,0	8,47
EQUIP RECOVERY	1470	24,5	25,93
<i>Total</i>	5670	94,5	100,00



### WELL: 002505 01A PRESSURE COMPOSITE PLOT



# Well History 25/5-1 A

## GENERAL:

Appraisal well 25/5-1 A was designed to be drilled as a sidetrack of well 25/5-1. The wells are located in the Northern part of block 25/5 near the crest of a westward tilted Jurassic fault structure that straddles both block 25/5 and block 25/2.

The main purpose of the well was to prove additional accumulation and/or if possible determine an Oil/Water contact that might be compared with well 25/-5-1. Also checking a possible spill point through the main fault mapped 4 km SSW of well 25/5-1.

## OPERATIONS:

Appraisal well 25/5-1 A was spudded by Golar-Nor Offshore a/s semi-submersible rig Nordtrym 1 August 1987, and completed 16 September 1987 at a depth of 3432 RKB in Early Jurassic rocks. Top Sleipner Formation was encountered at 3312 m RKB.

Top reservoir was encountered at 3074 m RKB, 91 m deeper than in 25/5-1. Top Dunlin came in at 3150 m RKB. The whole reservoir is oil-saturated, but the oil column is thinner here than in 25/5-1. The total oil column is anticipated to be approximately 166 m vertical.

The well is plugged and abandoned as an oil discovery.

## TESTING:

No DST-tests were performed in this well.

# GEOLOGICAL TOPS

WELL: 25/5-1A.

	Depth m (RKB)
<i>Kickoff Point</i>	2083,0
<i>Hordaland Group</i>	2038,0
<i>Rogaland Group</i>	2170,0
<i>Balder Fm</i>	2170,0
<i>Sele Fm</i>	2287,0
<i>Lista Fm</i>	2404,0
<i>Heimdal Fm</i>	2447,0
<i>Lista Fm</i>	2553,0
<i>Ty Fm</i>	2615,0
<i>Shetland Group</i>	2616,0
<i>Viking Group</i>	3150,0
<i>Draupne/Heather Fm</i>	3150,0
<i>Vestland Group</i>	3312,0
<i>Sleipner Fm</i>	3312,0
<i>Dunlin Group</i>	3403,0
<i>TD. (DD).</i>	3432,0