

Well no : 7125/01-01

Operator : SAGA

Coordinates : 71 53 24.26 N
25 11 15.46 EUTM coord. : 7977833 N
437126 E

Licence no : 135

Permit no : 597

Rig : ROSS RIG

Rig type : SEMI-SUB.

Contractor : ROSS DRILLING CO. A/S

Bottom hole temperature : 59 deg.C

Elev. KB : 23 M

Spud. date : 88.11.30

Water depth : 252 M

Compl. date : 88.12.30

Total depth : 2200 M

Spud. class : WILDCAT

Form. at TD : TRIASSIC

Compl. class : P&A. SHOWS

Prod. form :

Seisloca : GWF - 2 - 24 SP 988

LICENSEES

5.000000 AMERADA HESS NORGE A/S
 15.000000 ARCO NORGE A/S
 15.000000 SAGA PETROLEUM A.S.
 50.000000 DEN NORSKE STATS OLJESELSKAP A.S
 15.000000 TOTAL 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 | 399.0 | 36 | .0 | . |
| INTERM. | 13 3/8 | 802.0 | 17 1/2 | .0 | 1.20 |

CONVENTIONAL CORES

| Core no. | Intervals cored meters | Recovery M % | Series |
|----------|---------------------------|-----------------|--------|
| 1 | 1360.0 - 1371.0 | 11.0 100.0 | |
| 2 | 1406.0 - 1434.0 | 28.0 100.0 | |

MUD PROPERTIES

| Depth below KB meter | Mud weigh g/cm3 | Viscosity | Mud type |
|----------------------------|-----------------------|-----------|-------------|
| 314.000 | 1.06 | 0.0 | WATER BASED |
| 320.000 | 1.25 | 20.0 | WATER BASED |
| 818.000 | 1.06 | 0.0 | WATER BASED |
| 955.000 | 1.20 | 11.0 | WATER BASED |
| 2200.000 | 1.25 | 0.0 | WATER BASED |

DRILL BIT CUTTINGS AND WET SAMPLES

| SAMPLE TYPE | INTERVAL BELOW KB | NUMBER OF SAMPLES |
|-------------|----------------------|----------------------|
| Cutting | 820-2199 | 240 |
| Wet Samples | 820-2199 | 330 |

SHALLOW GAS

| Interval below KB | REMARKS |
|----------------------|---------|
| | |

AVAILABLE LOGS

| LOG TYPE | INTERVALS | 1/200 | 1/500 | Div. |
|--|---------------------|--------|-------|---------|
| DIL LSS GR | 401.000 - 817.000 | X | X | |
| DIL-LSS-GR | 804.000 - 2180.000 | X | X | |
| LDL GR | 401.000 - 817.000 | X | X | |
| LDL-CNL-GR | 804.000 - 2181.000 | X | X | |
| MWD | 405.000 - 2200.000 | X | X | |
| CDM AP | 810.000 - 2178.000 | X | X | |
| SHDL AML | 804.000 - 2183.000 | X | | |
| RFT-HP | 1401.000 - 2138.000 | X | | |
| RFT-HP-AMS-GR | 1401.000 - 1404.000 | X | | |
| RFT-HP | 1406.000 - 1406.000 | X | | |
| MUD | 295.000 - 2200.000 | | | X |
| VELOCITY | 416.00 - 2185.000 | 1:1000 | | X |
| (Synhtetic Seismogram, Geogram, 10 + 20 cm/s | | | | 10 stk) |
| (V.S.P, Rigshot V.S.P, 10 cm/s, | | | | 8 stk) |
| (Frequency Test, 10 cm/s | | | | 4 stk) |
| (Two way Travel , 10 cm/s | | | | 1 stk) |

MAIN OPERATIONS FOR WELL: 712501 01

Main operation: DRILLING

| Sub operations | Minutes | Hrs | % of total |
|-----------------|---------|-------|------------|
| BOP ACTIVITIES | 540 | 9,0 | 1,75 |
| BOP/WELLHEAD EQ | 2580 | 43,0 | 8,35 |
| CASING | 2730 | 45,5 | 8,83 |
| CIRC/COND | 1260 | 21,0 | 4,08 |
| DRILL | 15630 | 260,5 | 50,58 |
| PRESS DETECTION | 30 | 0,5 | 0,10 |
| REAM | 1170 | 19,5 | 3,79 |
| SURVEY | 150 | 2,5 | 0,49 |
| TRIP | 6810 | 113,5 | 22,04 |
| Total | 30900 | 515,0 | 100,00 |

Main operation: FORMATION EVAL

| Sub operations | Minutes | Hrs | % of total |
|----------------|---------|-------|------------|
| CIRC/COND | 30 | 0,5 | 0,40 |
| CORE | 1620 | 27,0 | 21,51 |
| LOG | 3360 | 56,0 | 44,62 |
| RFT/FIT | 1740 | 29,0 | 23,11 |
| TRIP | 780 | 13,0 | 10,36 |
| Total | 7530 | 125,5 | 100,00 |

Main operation: INTERRUPTION

| Sub operations | Minutes | Hrs | % of total |
|----------------|---------|------|------------|
| MAINTAIN/REP | 300 | 5,0 | 27,03 |
| OTHER | 150 | 2,5 | 13,51 |
| WAIT | 660 | 11,0 | 59,46 |
| Total | 1110 | 18,5 | 100,00 |

Main operation: MOVING

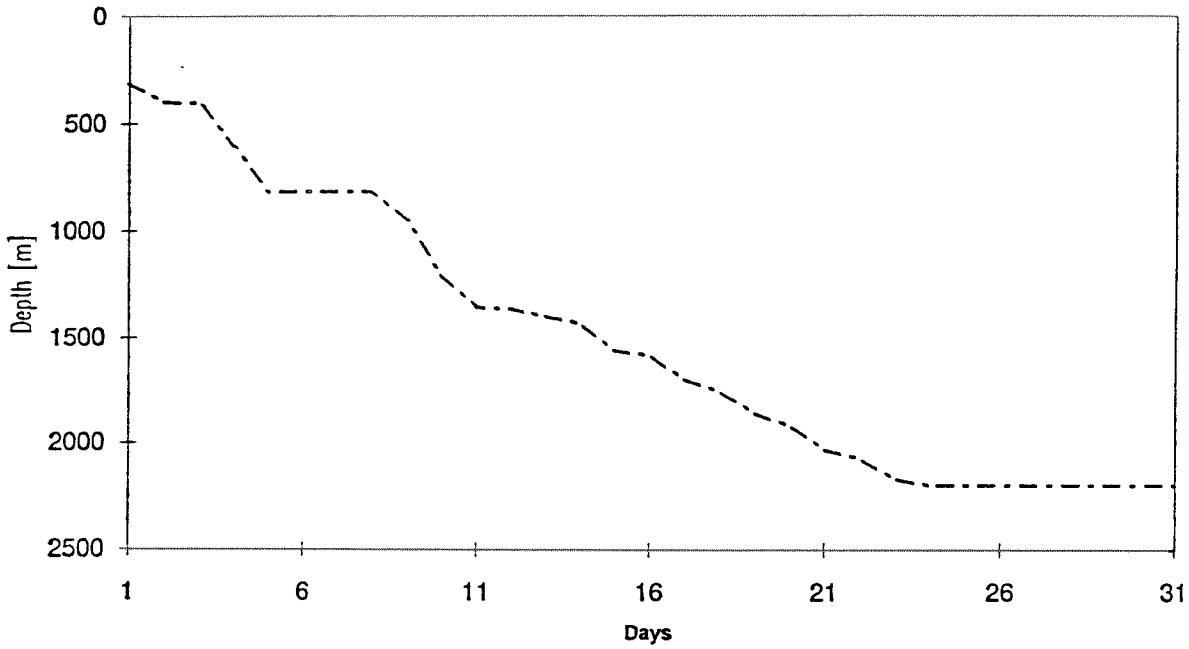
| Sub operations | Minutes | Hrs | % of total |
|----------------|---------|------|------------|
| ANCHOR | 2700 | 45,0 | 64,29 |
| TRANSIT | 1500 | 25,0 | 35,71 |
| Total | 4200 | 70,0 | 100,00 |

Main operation: PLUG & ABANDON

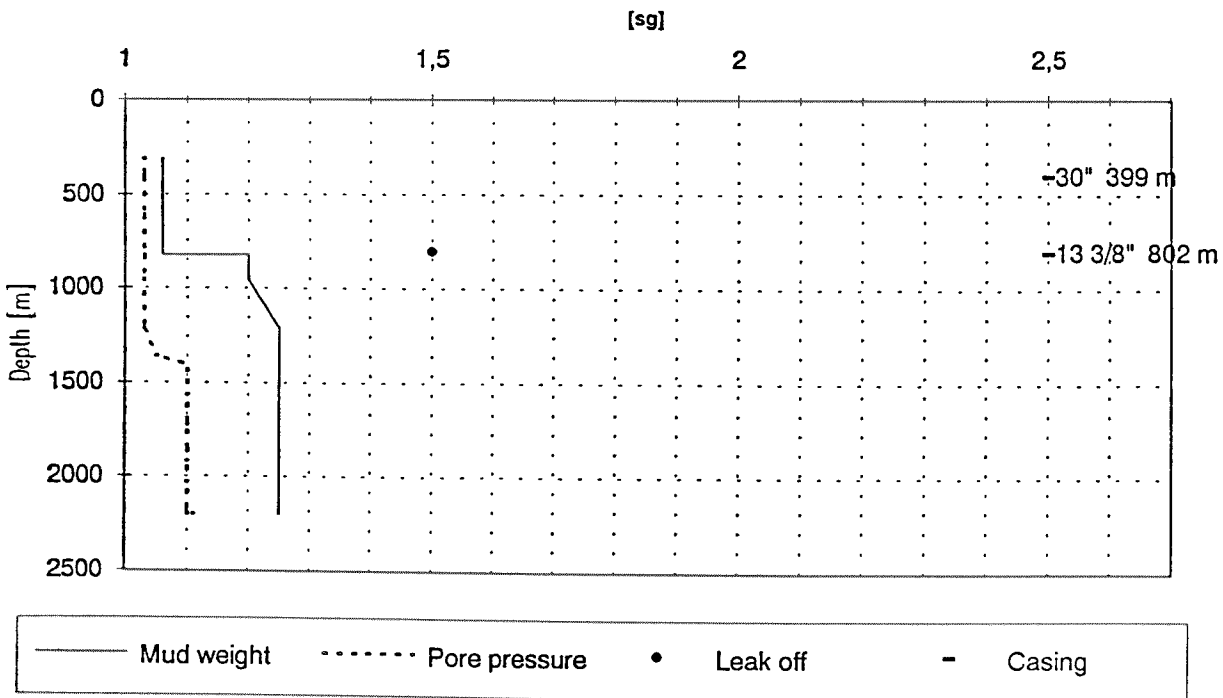
| Sub operations | Minutes | Hrs | % of total |
|-----------------|---------|------|------------|
| CEMENT PLUG | 660 | 11,0 | 28,21 |
| CIRC/COND | 60 | 1,0 | 2,56 |
| CUT | 240 | 4,0 | 10,26 |
| EQUIP RECOVERY | 150 | 2,5 | 6,41 |
| MECHANICAL PLUG | 150 | 2,5 | 6,41 |
| TRIP | 1080 | 18,0 | 46,15 |
| Total | 2340 | 39,0 | 100,00 |

Total time used 768 hrs (32 days)

Depth v.s. time plot for well: 712501 01



Composite plot for well: 712501 01



Well History 7125/1-1

GENERAL:

Well 7125/1-1 was drilled on Tromsøflaket. The primary purpose of the well was to test for hydrocarbons in the Late Triassic/Early Jurassic sandstones of the Realgrunnen Group, which were found to be hydrocarbon bearing in well 7124/3-1. A secondary objective of the well was to test for hydrocarbons in the underlying Kobbe Fm. of Middle Triassic age.

OPERATIONS:

Wildcat well 7125/1-1 was spudded 30 November 1988 by Rosshavet A/S semi-submersible rig Ross Rig and completed 30 December 1988 at a depth of 2200 m in Triassic rocks. Drilling proceeded without any significant problems.

There was no indication of shallow gas in the hole. Logs and RFT showed a thin oil zone of 1 - 1.5 m from 1403.5 - 1405 m RKB. Gas was found in thin sandstone layers between 2104.5 - 2140 m. In the interval 1405 - 2200 pressure point measurements show a gradient of 1.14 SG which indicate saline formation water.

The results were surprising with regard to the reservoir development in the Realgrunnen Group where it was indicated 130 m sandstone with good reservoir properties.

The well was plugged and abandoned with shows.

TESTING:

No DST tests were performed in the well.

GEOLOGICAL TOPS

WELL: 7125/1-1

Depth m (RKB)

| | |
|-----------------------------|--------|
| <i>Sotbakken Group</i> | 400.0 |
| <i>Torsk Fm.</i> | 400.0 |
| <i>Nygrunnen Group</i> | 568.0 |
| <i>Kveite Fm.</i> | 568.0 |
| <i>Kviting Fm.</i> | 596.5 |
| <i>Nordvestbanken Group</i> | 617.0 |
| <i>Kolmule Fm.</i> | 617.0 |
| <i>Kolje Fm.</i> | 1314.0 |
| <i>Knurr Fm.</i> | 1318.0 |
| <i>Teistengrunnen Group</i> | 1343.5 |
| <i>Hekkingen Fm.</i> | 1343.5 |
| <i>Realgrunnen Group</i> | 1399.0 |
| <i>Stø Fm.</i> | 1399.0 |
| <i>Fruholmen Fm.</i> | 1520.5 |
| <i>Ingøydjupet Group</i> | 1611.5 |
| <i>Snadd Fm.</i> | 1611.5 |
| <i>Kobbe Fm.</i> | 2104.5 |
| <i>T.D.</i> | 2200.0 |