

Well no : 35/ 8-02

Operator : GULF

Coordinates : 61 16 15.42 N
03 21 58.17 EUTM coord. : 6793184 N
519636 E

Licence no : 058

Permit no : 0299

Rig : SEDCO 704

Contractor : SEDCO INC.

Bottom hole temperature : 148 deg.C

Elev. KB : 25 M

Spud. date : 81.09.11

Water depth : 381 M

Compl. date : 82.05.21

Total depth : 4336 M

Spud. class : WILDCAT

Form. at TD : JURASSIC

Compl. class : P&A. GAS/COND. DISC.

Prod. form :

Seisloca : 79-1-4C SP 478

LICENSEES

 20,000 NORSKE GETTY EXPLORATION A/S
 30,000 NORSKE GULF PRODUCTION CO A/S
 50,000 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/cm |
|------------------------|-----------------|-------------------|---------------|------------------------|----------------------|
| CONDUCTOR | 30 | 578,0 | 36 | 579,0 | |
| SURF.COND. | 20 | 830,0 | 26 | 842,0 | 1,42 |
| INTERM. | 13 3/8 | 2142,0 | 17 1/2 | 2156,0 | 1,65 |
| INTERM. | 9 5/8 | 3531,0 | 12 1/4 | 3538,0 | 1,96 |
| OPEN HOLE | | | 8 1/2 | 3750,0 | |
| SIDETRACK FROM 3482 M. | | | | | |
| LINER | 7 | 3954,0 | 8 1/2 | 3954,0 | 2,00 |
| OPEN HOLE | | | 6 1/8 | 4336,0 | |

CONVENTIONAL CORES

| Core no. | Intervals cored meters | Recovery M % | Series |
|----------|---------------------------|-----------------|-------------|
| 1 | 3316.9 - 3318.4 | 1.5 100.0 | L. JURASSIC |
| 2 | 3667.2 - 3685.5 | 18.3 100.0 | M. JURASSIC |
| 3 | 3685.5 - 3689.3 | 3.8 100.0 | M. JURASSIC |
| 4 | 3689.3 - 3706.3 | 16.9 99.4 | M. JURASSIC |
| 5 | 3706.5 - 3725.0 | 18.5 100.0 | M. JURASSIC |
| 6 | 3725.0 - 3743.7 | 18.7 100.0 | M. JURASSIC |
| 7 | 3743.7 - 3753.4 | 9.6 99.0 | M. JURASSIC |

| DRILL STEM TEST | | | | | | | | | |
|-----------------|----------------|---------------|------------|--------------|-----------------|--------------------|-----------|--------------|------|
| TEST NO | DEPTH BELOW KB | CHOKE SIZE mm | RECOVERY | | | | | PRESS. (psi) | |
| | | | OIL Sm3 /d | GAS M Sm3 /d | OIL GRAV. g/cm3 | GAS GRAV. rel. air | GCR m3/m3 | FSIP | WHP |
| 1 | 3694 - 3703 | 17.5 | 305 * | 447.5 | 0.797 | 0.67 | 1467 | | 2200 |
| 2 | 3306 - 3315 | 17.5 | 205 * | 214.0 | 0.797 | 0.67 | 1044 | | |
| 2A | 3306 - 3315 | NO | FLOW | | | | | | |
| | 3321 - 3327 | NO | FLOW | | | | | | |

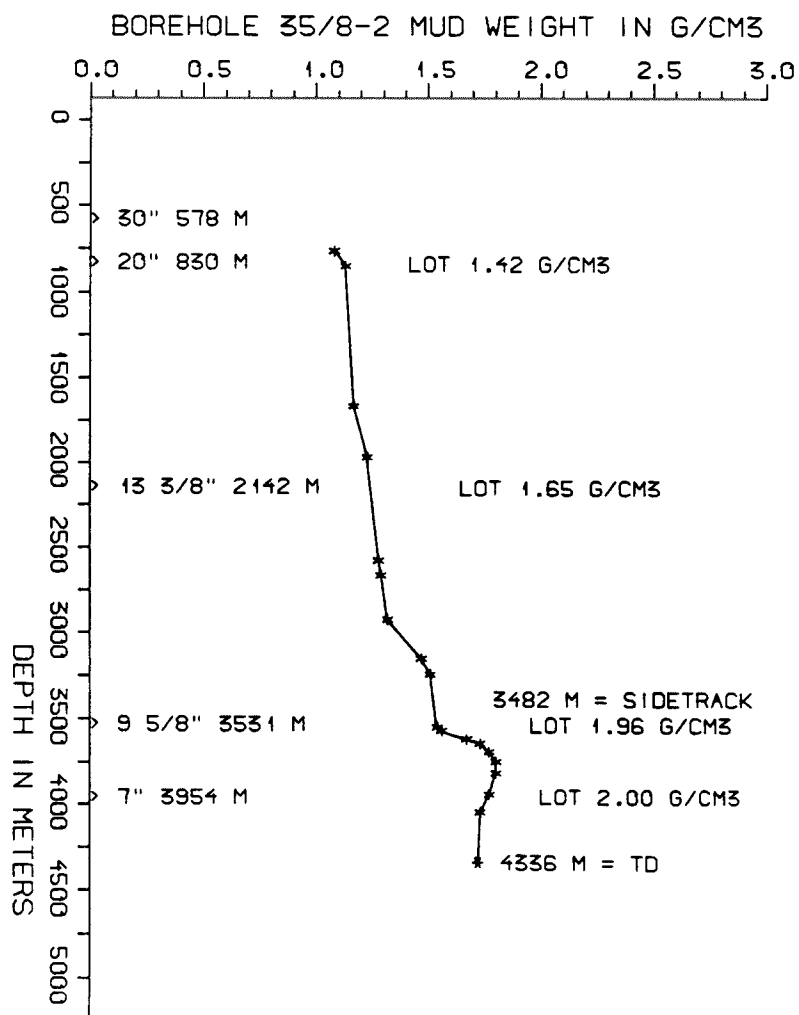
* = CONDENSAT

| AVAILABLE LOGS | | | | |
|--|-------------|-------|-------|--|
| LOG TYPE | INTERVALS | 1/200 | 1/500 | |
| ISF LSS GR (GR TO SEABED) | 578 - 842 | x | x | |
| ISF LSS | 830 - 2141 | x | x | |
| ISF LSS | 2143 - 3536 | x | x | |
| ISF BHC | 3538 - 3951 | x | x | |
| ISF LSS | 3952 - 4330 | x | x | |
| FDC | 578 - 842 | x | x | |
| FDC | 830 - 2136 | x | x | |
| LDT CNL | 2143 - 3329 | x | x | |
| LDT CNL | 3300 - 3953 | x | x | |
| LDT CNL | 3951 - 4331 | x | x | |
| DLL MSFL | 2096 - 3536 | x | x | |
| DLL MSFL | 3500 - 3952 | x | x | |
| CDM | 2143 - 3537 | x | | |
| CDM | 3480 - 3953 | x | | |
| CDM | 3952 - 4321 | x | | |
| CDM AP | 2144 - 3538 | x | x | |
| CDM AP | 3482 - 3952 | x | x | |
| CDM AP | 3954 - 4320 | x | x | |
| RFT | | x | | |
| RFT | | x | | |
| NGT | 3050 - 3954 | x | x | |
| NGT | 3952 - 4331 | x | x | |
| TEMPERATURE | 400 - 1154 | x | x | |
| CBL VDL | 400 - 2138 | x | | |
| CBL VDL | 578 - 3952 | x | | |
| CEMENT VOLME | 2143 - 3538 | | x | |
| MUD | 430 - 3750 | | x | |
| MUD | 3500 - 4336 | | x | |
| VELOCITY | 578 - 4330 | | x | |
| (Air Gun Well Velocity Survey & C.L.D. 1stk) | | | | |
| (Synthetic Seismogram Marine, 10 cm/s, 1stk) | | | | |
| (Synthetic Seismogram, b/p-w/t, 10 cm/s, 2stk) | | | | |
| (V.S.P., b/p-w/t, 10cm/s, proc:Sep-82, 14stk) | | | | |
| (Two Way Travel Time, 10 cm/s, 1stk) | | | | |

| MUD PROPERTIES | | | |
|------------------------|-----------------------------|------------------------|-------------------------------------|
| DEPTH BELOW KB m | WEIGHT g/cm ³ | FUNNEL VISC. sec | FILTRATE LOSS cm ³ |
| 430 | 1.05 | | |
| 785 | 1.10 | 57 | |
| 1160 | 1.11 | 58 | |
| 1600 | 1.14 | 65 | |
| 1890 | 1.20 | 70 | |
| 2410 | 1.22 | 53 | |
| 2510 | 1.25 | 53 | |
| 2855 | 1.26 | 52 | |
| 3050 | 1.29 | 51 | |
| 3080 | 1.44 | 50 | |
| 3180 | 1.48 | 55 | |
| 3230 | 1.51 | 55 | |
| 3500 | 1.53 | 57 | |
| 3550 | 1.64 | 52 | |
| 3570 | 1.70 | 55 | |
| 3625 | 1.74 | 55 | |
| 3680 | 1.77 | 55 | |
| 3875 | 1.74 | 56 | |
| 3980 | 1.70 | 65 | |

| DRILL BIT CUTTINGS AND WET SAMPLES | | |
|------------------------------------|----------------------|----------------------|
| SAMPLE TYPE | INTERVAL BELOW KB | NUMBER OF SAMPLES |
| CUTTINGS | 580 - 4336 | 1600 |
| WET SAMPLES | 580 - 4332 | 750 |

| SHALLOW GAS | |
|---------------------------|---------|
| DEPTH INTERVAL m KB | REMARKS |
| | NONE |



WELL HISTORY - 35/8-2

GENERAL :

The main objective of well 35/8-2 was to test the Middle Jurassic Brent formation and the Early Jurassic Intra-Dunlin Sand and the Statfjord formation on a structure located in the south western corner av block 35/8. Hydrocarbons were encountered and tested in Jurassic sandstones. This well, however produced less than the first well (35/8-1) located on a different structure in the block (see "Well Data Summary Sheets" - Vol. 12).

OPERATIONS :

Well 35/8-2 was spudded 01.09.81 by the drilling rig "Sedco 704". During hole opening of the 36" section, the drill string parted and left the bit, opener and drill collars in the hole. Fishing was unsuccessful. The well was respudded 11.09.81 and the 17 1/2 " pilot hole was drilled without problems. When opening to 36" washing and reaming was required. Few problems were encountered in the 26" section. While drilling the 17 1/2" hole one experienced problems with tight hole at 830 to 883 m, 1610 -1720 m and 1915 - 1940 m. Repairs of the BOP and other unrelated rig problems occurred for 13 days during the drilling of this section. Tight hole was also experienced in the upper part of the 12 1/4" section and at 3100 m where pore pressure also started increasing. Some problems were experienced when coring in the 8 1/2" section. When running in hole with a new bit, the pipe became stuck at 3662 m. 21 days were spent fishing before the hole was plugged back into the 9 5/8" casing. The well was then sidetracked from 3482 m and the 8 1/2" hole was drilled down to 3954 m. Some minor problems with tight hole and differential sticking occurred. A 6 1/8" hole was then drilled to TD at 4336 m. A total of 7 cores were taken in the original, unlogged hole (apprx. 8 m. from the logged sidetrack).

TESTING :

The well was tested over two intervals. DST no.1 tested gas and condensate during a 945 min. flow period before being shut-in for 1560 min. DST no.2 is considered as an invalid Heather test - the Brent section was inadvertently retested. Cement was squeezed before beginning the next test. DST 2A proved permeability in the Heather formation to be too small to allow fluids to be recovered in the drillpipe. A RFT run was also made in the well, but no fluid samples were obtained.

GEOLOGICAL TOPS

WELL: 35/8-2

| | Depth m (RKB) |
|--------------------|---------------|
| Nordland Group | 525 m |
| Utsira Fm | 791 m |
| Hordaland Group | 968,5 m |
| Rogaland Group | 1707 m |
| Balder Fm | 1707 m |
| Sele Fm | 1777,5 m |
| Lista Fm | 1833 m |
| Montrose Group | 1928 m |
| Maureen Fm | 1928 m |
| Shetland Group | 1940 m |
| Cromer Knoll Group | 3060 m |
| Viking Group | 3078,5 m |
| Draupne Fm | 3078,5 m |
| Heather Fm | 3204 m |
| Brent Group | 3666 m |
| Tarbert Fm | 3666 m |
| Ness Fm | 3717 m |
| Etive Fm | 3785,5 m |
| Rannock Fm | 3814 m |
| Broom Fm | 3868 m |
| Dunlin Group | 3885 m |
| Drake Fm | 3885 m |
| Cook Fm | 3931,5 m |
| Burton Fm | 4064 m |
| Amundsen Fm | 4095 m |
| Statfjord Fm | 4203 m |

TD = 4336 m