

**General information**

|                              |                                |
|------------------------------|--------------------------------|
| Wellbore name                | 7/1-1                          |
| Type                         | EXPLORATION                    |
| Purpose                      | WILDCAT                        |
| Status                       | P&A                            |
| Factmaps in new window       | <a href="#">link to map</a>    |
| Main area                    | NORTH SEA                      |
| Well name                    | 7/1-1                          |
| Seismic location             | LINE 66-9. SP.1597             |
| Production licence           | <a href="#">004</a>            |
| Drilling operator            | Amoco Norway Oil Company       |
| Drill permit                 | 55-L                           |
| Drilling facility            | <a href="#">MÆRSK EXPLORER</a> |
| Drilling days                | 34                             |
| Entered date                 | 03.07.1971                     |
| Completed date               | 05.08.1971                     |
| Release date                 | 05.08.1973                     |
| Publication date             | 26.05.2009                     |
| Purpose - planned            | WILDCAT                        |
| Reentry                      | NO                             |
| Content                      | DRY                            |
| Discovery wellbore           | NO                             |
| Kelly bushing elevation [m]  | 34.0                           |
| Water depth [m]              | 82.0                           |
| Total depth (MD) [m RKB]     | 2808.0                         |
| Maximum inclination [°]      | 1                              |
| Bottom hole temperature [°C] | 93                             |
| Oldest penetrated age        | TRIASSIC                       |
| Oldest penetrated formation  | SKAGERRAK FM                   |
| Geodetic datum               | ED50                           |
| NS degrees                   | 57° 47' 52" N                  |
| EW degrees                   | 2° 9' 56" E                    |
| NS UTM [m]                   | 6406647.32                     |
| EW UTM [m]                   | 450397.19                      |
| UTM zone                     | 31                             |
| NPDID wellbore               | 192                            |

**Wellbore history****General**

Well 7/1-1 was drilled on the J{ren High in the southern part of the North Sea, ca 8 km east of the UK border line.

**Operations and results**

Wildcat well 7/1-1 was spudded with the semi-submersible installation Sedco 135 F on 3 July 1971 and drilled to TD at 2808 m in the Triassic Skagerrak Formation. There were indications of shallow gas at 472 m, otherwise no significant problems were reported from the drilling operations.

The well penetrated Quaternary and Tertiary sediments with no significant sand development down to a depth of 2224 m where Cretaceous Chalk of the Tor Formation was encountered. The Cretaceous section continued down to 2661 m where the sandy Triassic Skagerrak Formation was encountered. The well was dry and no shows were reported from the well other than those originating from diesel added to the mud.

Two cores were cut, one from 2243.3 to 2261.6 m in the Tor Formation and the other from 2451.2 to 2468.9 m in the Hod Formation. No wire line fluid samples were taken.

The well was permanently abandoned on 5 August 1971 as a dry well.

**Testing**

No drill stem test was performed.

**Cuttings at the Norwegian Offshore Directorate**

| Cutting sample, top depth [m] | Cutting samples, bottom depth [m] |
|-------------------------------|-----------------------------------|
| 384.05                        | 3028.22                           |

|                                  |     |
|----------------------------------|-----|
| Cuttings available for sampling? | YES |
|----------------------------------|-----|

**Cores at the Norwegian Offshore Directorate**

| Core sample number | Core sample - top depth | Core sample - bottom depth | Core sample depth - uom |
|--------------------|-------------------------|----------------------------|-------------------------|
| 1                  | 7360.0                  | 7385.0                     | [ft ]                   |
| 2                  | 8042.0                  | 8100.0                     | [ft ]                   |

|                               |      |
|-------------------------------|------|
| Total core sample length [m]  | 25.3 |
| Cores available for sampling? | YES  |



**Palynological slides at the Norwegian Offshore Directorate**

| Sample depth | Depth unit | Sample type | Laboratory |
|--------------|------------|-------------|------------|
| 5680.0       | [ft]       | DC          | RRI        |
| 5720.0       | [ft]       | DC          | RRI        |
| 5760.0       | [ft]       | DC          | RRI        |
| 5800.0       | [ft]       | DC          | RRI        |
| 5840.0       | [ft]       | DC          | RRI        |
| 5880.0       | [ft]       | DC          | RRI        |
| 5940.0       | [ft]       | DC          | RRI        |
| 6000.0       | [ft]       | DC          | RRI        |
| 6060.0       | [ft]       | DC          | RRI        |
| 6120.0       | [ft]       | DC          | RRI        |
| 6180.0       | [ft]       | DC          | RRI        |
| 6240.0       | [ft]       | DC          | RRI        |
| 6300.0       | [ft]       | DC          | RRI        |
| 6360.0       | [ft]       | DC          | RRI        |
| 6420.0       | [ft]       | DC          | RRI        |
| 6480.0       | [ft]       | DC          | RRI        |
| 6540.0       | [ft]       | DC          | RRI        |
| 6600.0       | [ft]       | DC          | RRI        |
| 6660.0       | [ft]       | DC          | RRI        |
| 6720.0       | [ft]       | DC          | RRI        |
| 6780.0       | [ft]       | DC          | RRI        |
| 6840.0       | [ft]       | DC          | RRI        |
| 6900.0       | [ft]       | DC          | RRI        |
| 6960.0       | [ft]       | DC          | RRI        |
| 7020.0       | [ft]       | DC          | RRI        |
| 7080.0       | [ft]       | DC          | RRI        |
| 7140.0       | [ft]       | DC          | RRI        |
| 7200.0       | [ft]       | DC          | RRI        |
| 7260.0       | [ft]       | DC          | RRI        |
| 7320.0       | [ft]       | DC          | RRI        |

**Lithostratigraphy**

| Top depth<br>[mMD RKB] | Lithostrat. unit            |
|------------------------|-----------------------------|
| 116                    | <a href="#">NORDLAND GP</a> |



|      |                                  |
|------|----------------------------------|
| 1088 | <a href="#">HORDALAND GP</a>     |
| 2085 | <a href="#">ROGALAND GP</a>      |
| 2085 | <a href="#">BALDER FM</a>        |
| 2098 | <a href="#">SELE FM</a>          |
| 2109 | <a href="#">LISTA FM</a>         |
| 2224 | <a href="#">SHETLAND GP</a>      |
| 2224 | <a href="#">TOR FM</a>           |
| 2390 | <a href="#">HOD FM</a>           |
| 2634 | <a href="#">CROMER KNOLL GP</a>  |
| 2634 | <a href="#">RØDBY FM</a>         |
| 2661 | <a href="#">NO GROUP DEFINED</a> |
| 2661 | <a href="#">SKAGERRAK FM</a>     |

**Geochemical information**

| Document name         | Document format | Document size [MB] |
|-----------------------|-----------------|--------------------|
| <a href="#">192_1</a> | pdf             | 0.46               |

**Documents - older Norwegian Offshore Directorate WDSS reports and other related documents**

| Document name                                   | Document format | Document size [MB] |
|-------------------------------------------------|-----------------|--------------------|
| <a href="#">192_01_WDSS_General_Information</a> | pdf             | 0.15               |

**Documents - reported by the production licence (period for duty of secrecy expired)**

| Document name                                  | Document format | Document size [MB] |
|------------------------------------------------|-----------------|--------------------|
| <a href="#">192_00_7_1_1_Completion_log</a>    | pdf             | 2.84               |
| <a href="#">192_00_7_1_1_Completion_Report</a> | pdf             | 0.62               |

**Documents - Norwegian Offshore Directorate papers**

| Document name                                                                      | Document format | Document size [MB] |
|------------------------------------------------------------------------------------|-----------------|--------------------|
| <a href="#">192_01_NPD_Paper_No.31_Lithology_Norwegian_Danish_Basin_Well_7_1_1</a> | pdf             | 33.18              |





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|------------------------------------------------------------------------------------------|-----|------|
| <a href="#">192 02 NPD Paper No.31 Correlation chart</a><br><a href="#">1 Well 7 1 1</a> | pdf | 0.49 |
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**Logs**

| Log type        | Log top depth [m] | Log bottom depth [m] |
|-----------------|-------------------|----------------------|
| CBL             | 152               | 367                  |
| IEL SP          | 367               | 1600                 |
| SON GR CALI CBL | 100               | 367                  |
| TEMP            | 152               | 367                  |

**Casing and leak-off tests**

| Casing type | Casing diam. [inch] | Casing depth [m] | Hole diam. [inch] | Hole depth [m] | LOT/FIT mud eqv. [g/cm3] | Formation test type |
|-------------|---------------------|------------------|-------------------|----------------|--------------------------|---------------------|
| CONDUCTOR   | 30                  | 154.0            | 36                | 159.0          | 0.00                     | LOT                 |
| SURF.COND.  | 20                  | 367.0            | 26                | 381.0          | 0.00                     | LOT                 |
| INTERM.     | 13 3/8              | 1571.0           | 17 1/2            | 1601.0         | 0.00                     | LOT                 |
| OPEN HOLE   |                     | 2808.0           | 12 1/4            | 2808.0         | 0.00                     | LOT                 |

**Drilling mud**

| Depth MD [m] | Mud weight [g/cm3] | Visc. [mPa.s] | Yield point [Pa] | Mud type    | Date measured |
|--------------|--------------------|---------------|------------------|-------------|---------------|
| 137          | 1.13               |               |                  | water-based |               |
| 381          | 1.17               |               |                  | water-based |               |
| 856          | 1.29               |               |                  | water-based |               |
| 1409         | 1.46               |               |                  | water-based |               |
| 1600         | 1.46               |               |                  | water-based |               |
| 2451         | 1.50               |               |                  | water-based |               |
| 2807         | 1.48               |               |                  | water-based |               |

