## General information

| | |
|---|---|
| Wellbore name | 15/6-1 |
| Type | EXPLORATION |
| Purpose | WILDCAT |
| Status | P&A |
| Factmaps in new window | link to map |
| Main area | NORTH SEA |
| Well name | 15/6-1 |
| Seismic location | LINE SC 23 SP.7493 |
| Production licence | 029 |
| Drilling operator | Esso Exploration and Production Norway A/S |
| Drill permit | 60-L |
| Drilling facility | GLOMAR GRAND ISLE |
| Drilling days | 33 |
| Entered date | 07.08.1971 |
| Completed date | 08.09.1971 |
| Release date | 08.09.1973 |
| Publication date | 19.12.2007 |
| Purpose - planned | WILDCAT |
| Reentry | NO |
| Content | DRY |
| Discovery wellbore | NO |
| Kelly bushing elevation [m] | 9.0 |
| Water depth [m] | 115.5 |
| Total depth (MD) [m RKB] | 1679.0 |
| Final vertical depth (TVD) [m RKB] | 1616.0 |
| Bottom hole temperature [°C] | 41 |
| Oldest penetrated age | EOCENE |
| Oldest penetrated formation | HORDALAND GP |
| Geodetic datum | ED50 |
| NS degrees | 58° 32' 48.26'' N |
| EW degrees | 1° 41' 32.8'' E |
| NS UTM [m] | 6490472.46 |
| EW UTM [m] | 423892.24 |
| UTM zone | 31 |
| NPDID wellbore | 197 |

## Wellbore history

**General**

Well 15/6-1 is located ca 5 km north of the Sleipner Field. The primary objective of the well was Eocene sands.

**Operations and results**

Well 15/6-1 was spudded with the drill vessel Glomar Grand Isle on 7 August 1971and drilled to TD at 1679 m in Eocene sediments of the Hordaland Group. Initial drilling from the sea floor to 384 m was with sea water and gel. Below 384 m to a depth of 1247 m the mud system consisted of sea water and Spersene XP-20 Salinex with drilling detergent. From 1247 m to TD a fresh water Spersene XP-20 system was used. Due to problems with the casing seal assembly the well was abandoned without reaching its target. The vessel vas moved approximately 335 m east and a replacement hole (15/6-2) was drilled.

The only reservoir penetrated was a thick Miocene sand section (the Utsira Formation) between 768 and 996 m. No hydrocarbon shows were encountered.

No cores were cut and no wire line fluid samples were taken.

The well was permanently abandoned on 8 September 1971 as a junk 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 | 1676.40 |

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

## Palynological slides at the Norwegian Offshore Directorate

| Sample depth | Depth unit | Sample type | Laboratory |
|---|---|---|---|
| 4000.0 | [ft] | DC | |
| 4090.0 | [ft] | DC | |
| 4150.0 | [ft] | DC | |
| 4180.0 | [ft] | DC | |
| 4270.0 | [ft] | DC | |
| 4360.0 | [ft] | DC | |
| 4450.0 | [ft] | DC | |
| 4480.0 | [ft] | DC | |

### Lithostratigraphy

| Top depth [mMD RKB] | Lithostrat. unit |
|---|---|
| 125 | NORDLAND GP |
| 768 | UTSIRA FM |
| 996 | HORDALAND GP |

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

| Document name | Document format | Document size [MB] |
|---|---|---|
| 197_01_WDSS_General_Information | pdf | 0.15 |

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

| Document name | Document format | Document size [MB] |
|---|---|---|
| 197_01_15_6_1_Geological_summary_and_Completion_report | PDF | 0.66 |
| 197_02_15_6_1_Completion_log | pdf | 0.80 |

### Logs

| Log type | Log top depth [m] | Log bottom depth [m] |
|---|---|---|
| BHC GR | 369 | 1678 |
| CALIPER | 369 | 1248 |
| IES | 369 | 1678 |

### 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 | 152.0 | 36 | 158.0 | 0.00 | LOT |
| INTERM. | 20 | 369.0 | 26 | 384.0 | 0.00 | LOT |
| INTERM. | 13 3/8 | 1225.0 | 17 1/2 | 1247.0 | 0.00 | LOT |
| INTERM. | 9 5/8 | 1664.0 | 12 1/4 | 1679.0 | 0.00 | LOT |

**Drilling mud**

| Depth MD [m] | Mud weight [g/cm3] | Visc. [mPa.s] | Yield point [Pa] | Mud type | Date measured |
|---|---|---|---|---|---|
| 369 | 0.00 | | | seawater | |
| 1225 | 0.00 | | | waterbased | |