

**General information**

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Wellbore name                      | 2/7-18                            |
| Type                               | EXPLORATION                       |
| Purpose                            | WILDCAT                           |
| Status                             | JUNKED                            |
| Factmaps in new window             | <a href="#">link to map</a>       |
| Main area                          | NORTH SEA                         |
| Well name                          | 2/7-18                            |
| Seismic location                   | PG 0306 15 & SP 12                |
| Production licence                 | <a href="#">018</a>               |
| Drilling operator                  | Phillips Petroleum Company Norway |
| Drill permit                       | 259-L                             |
| Drilling facility                  | <a href="#">BORGSTEN DOLPHIN</a>  |
| Drilling days                      | 12                                |
| Entered date                       | 20.08.1980                        |
| Completed date                     | 31.08.1980                        |
| Release date                       | 31.08.1982                        |
| Publication date                   | 18.01.2007                        |
| Purpose - planned                  | WILDCAT                           |
| Reentry                            | NO                                |
| Content                            | NOT APPLICABLE                    |
| Discovery wellbore                 | NO                                |
| Kelly bushing elevation [m]        | 25.0                              |
| Water depth [m]                    | 73.0                              |
| Total depth (MD) [m RKB]           | 601.0                             |
| Final vertical depth (TVD) [m RKB] | 601.0                             |
| Oldest penetrated age              | PLIOCENE                          |
| Oldest penetrated formation        | NORDLAND GP                       |
| Geodetic datum                     | ED50                              |
| NS degrees                         | 56° 20' 18.36" N                  |
| EW degrees                         | 3° 6' 13.61" E                    |
| NS UTM [m]                         | 6243890.71                        |
| EW UTM [m]                         | 506416.20                         |
| UTM zone                           | 31                                |
| NPDID wellbore                     | 206                               |

**Wellbore history****General**

Wildcat well 2/7-18 was drilled as replacement well for 2/7-17, which was junked for technical reasons. The well should evaluate a low relief structure to the southwest of the Eldfisk Field in the southern Norwegian North Sea. The primary objective was to test the Danian - Late Cretaceous limestone and chalk. Secondary objectives were the Late Cretaceous and Jurassic where irregular and lens-shaped structures on the seismic records were interpreted as possible sandstones with stratigraphically trapped hydrocarbons.

**Operations and results**

Well 2/7-18 was spudded with the semi-submersible installation Borgsten Dolphin on 20 August 1980 and drilled to 601 m in assumed Pliocene sediments. After setting the 20" casing, mechanical problems forced abandonment of the well. The objectives were not reached. The well was drilled with seawater.

No logs were run, and no sample of any kind was collected.

The well was permanently abandoned on 31 August 1980 as a junk well.

**Testing**

No drill stem test was performed

**Lithostratigraphy**

| Top depth<br>[mMD RKB] | Lithostrat. unit            |
|------------------------|-----------------------------|
| 98                     | <a href="#">NORDLAND GP</a> |

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

| Document name                                   | Document format | Document size<br>[MB] |
|---|-----------------|-----------------------|
| <a href="#">206 01 WDSS General Information</a> | pdf             | 0.11                  |
| <a href="#">206 02 WDSS completion log</a>      | pdf             | 0.07                  |

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

| Document name                                   | Document format | Document size<br>[MB] |
|---|-----------------|-----------------------|
| <a href="#">206 01 2 7 18 Completion Report</a> | pdf             | 4.79                  |



**Casing and leak-off tests**

| Casing type | Casing diam.<br>[inch] | Casing depth<br>[m] | Hole diam.<br>[inch] | Hole depth<br>[m] | LOT/FIT mud<br>eqv.<br>[g/cm3] | Formation test<br>type |
|-------------|------------------------|---------------------|----------------------|-------------------|--------------------------------|------------------------|
| CONDUCTOR   | 30                     | 130.0               | 36                   | 130.0             | 0.00                           | LOT                    |
| SURF.COND.  | 20                     | 558.0               | 26                   | 572.0             | 0.00                           | LOT                    |
| OPEN HOLE   |                        | 575.0               | 17 1/2               | 575.0             | 0.00                           | LOT                    |

**Drilling mud**

| Depth<br>MD [m] | Mud<br>weight<br>[g/cm3] | Visc.<br>[mPa.s] | Yield point<br>[Pa] | Mud type | Date<br>measured |
|-----------------|--------------------------|------------------|---------------------|----------|------------------|
| 572             | 1.02                     |                  |                     | seawater |                  |