



## Generell informasjon

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Brønnbane navn                           | 34/8-14 B                                  |
| Type                                     | EXPLORATION                                |
| Formål                                   | APPRAISAL                                  |
| Status                                   | P&A                                        |
| Faktakart i nytt vindu                   | <a href="#">lenke til kart</a>             |
| Hovedområde                              | NORTH SEA                                  |
| Felt                                     | <a href="#">VISUND SØR</a>                 |
| Funn                                     | <a href="#">34/8-14 S Visund Sør</a>       |
| Brønn navn                               | 34/8-14                                    |
| Seismisk lokalisering                    | Survey ST0404:inline 1360 & crossline 1556 |
| Utvinningstillatelse                     | <a href="#">120</a>                        |
| Boreoperatør                             | StatoilHydro ASA                           |
| Boretillatelse                           | 1216-L                                     |
| Boreinnretning                           | <a href="#">BORGLAND DOLPHIN</a>           |
| Boredager                                | 32                                         |
| Borestart                                | 25.12.2008                                 |
| Boreslutt                                | 25.01.2009                                 |
| Frigitt dato                             | 25.01.2011                                 |
| Publiseringsdato                         | 25.01.2011                                 |
| Opprinnelig formål                       | APPRAISAL                                  |
| Gjenåpnet                                | NO                                         |
| Innhold                                  | OIL/GAS                                    |
| Funnbrønnbane                            | NO                                         |
| 1. nivå med hydrokarboner, alder         | MIDDLE JURASSIC                            |
| 1. nivå med hydrokarboner, formasjon.    | TARBERT FM                                 |
| Avstand, boredekk - midlere havflate [m] | 31.0                                       |
| Vanndybde ved midlere havflate [m]       | 292.0                                      |
| Totalt målt dybde (MD) [m RKB]           | 4079.0                                     |
| Totalt vertikalt dybde (TVD) [m RKB]     | 2930.0                                     |
| Maks inklinasjon [°]                     | 90.1                                       |
| Eldste penetrerte alder                  | MIDDLE JURASSIC                            |
| Eldste penetrerte formasjon              | RANNOCH FM                                 |
| Geodetisk datum                          | ED50                                       |
| NS grader                                | 61° 18' 37.9" N                            |
| ØV grader                                | 2° 20' 32.9" E                             |



|                      |            |
|----------------------|------------|
| NS UTM [m]           | 6797715.24 |
| ØV UTM [m]           | 464783.40  |
| UTM sone             | 31         |
| NPDID for brønnbanen | 5997       |

## Brønnhistorie

### General

Well 34/8-14 S with geological sidetracks A, B, C, and D were drilled on the Pan/Pandora prospect on the structural trend between the Visund and the Gimle Fields in the northern North Sea. The western part of the structure, the Pan structure, is defined by rotated fault blocks while the eastern part, the Pandora structure, consists of slided degradational blocks. The general objective of all the wells was to test the hydrocarbon potential in the structure. Both of the wells 34/8-14 S (Pan) and 34/8-14 A (Pandora) proved hydrocarbons in the Brent Group down to top of the Ness Formation shales. A sidetrack, 34/8-14 C was drilled to delineate the hydrocarbon contacts of the eastern Pandora structure towards the Visund Field. The contacts found in 34/8-14 C were shallower than in the 34/8-14 A well, at depths similar to 34/8-9 S well in the neighbouring S1E segment of the Visund Field. Further, all three 34/8-14 well bores had a non-prognosed pressure depletion of 21-23 bar. Well 34/8-14 B was therefore drilled into the Visund segment S1A to measure the pressures and check the hydrocarbon contacts in Visund.

### Operations and results

Wildcat well 34/8-14 B was kicked off at 2365 m in well 34/8-14 A with the semi-submersible installation Borgland Dolphin on 25 December 2008 and drilled to TD at 4079 m (2930m TVD) in the Middle Jurassic Rannoch Formation. The well was drilled with XP-07 OBM from kick-off to TD.

Top Brent Group in well 34/8-14 B was encountered at 3486 m (2806 m TVD RKB). The pressure points found in 34/8-14 B imply that the prospect area is most likely communicating with the Visund Field. The Visund S1A segment GOC and OWC contacts were found to be at 3567 m (2842 m TVD RKB) and 3588 (2851 m TVD RKB) respectively, in agreement with the expected contacts in this segment of the Visund Field, but different from the Pandora contacts.

No cores were cut. The MDT was run for pressure points only.

The well was plugged back and permanently abandoned on 25 January 2009 as an oil and gas appraisal.

### Testing

No drill stem test was performed.

## Litostratigrafi

| Topp Dyb<br>[mMD RKB] | Litostrat. enhet            |
|-----------------------|-----------------------------|
| 323                   | <a href="#">NORDLAND GP</a> |
| 1002                  | <a href="#">UTSIRA FM</a>   |



|      |                                 |
|------|---------------------------------|
| 1115 | <a href="#">HORDALAND GP</a>    |
| 1397 | <a href="#">NO FORMAL NAME</a>  |
| 1452 | <a href="#">NO FORMAL NAME</a>  |
| 1482 | <a href="#">NO FORMAL NAME</a>  |
| 1507 | <a href="#">NO FORMAL NAME</a>  |
| 1915 | <a href="#">ROGALAND GP</a>     |
| 1915 | <a href="#">BALDER FM</a>       |
| 2011 | <a href="#">SELE FM</a>         |
| 2028 | <a href="#">LISTA FM</a>        |
| 2187 | <a href="#">SHETLAND GP</a>     |
| 2187 | <a href="#">JORSALFARE FM</a>   |
| 2376 | <a href="#">KYRRE FM</a>        |
| 3460 | <a href="#">CROMER KNOLL GP</a> |
| 3477 | <a href="#">VIKING GP</a>       |
| 3477 | <a href="#">DRAUPNE FM</a>      |
| 3480 | <a href="#">HEATHER FM</a>      |
| 3486 | <a href="#">BRENT GP</a>        |
| 3486 | <a href="#">TARBERT FM</a>      |
| 3576 | <a href="#">NESS FM</a>         |
| 3678 | <a href="#">ETIVE FM</a>        |
| 3809 | <a href="#">RANNOCH FM</a>      |

## Logger

| Type logg                           | Topp dyp<br>for logg [m] | Bunn dyp for<br>logg [m] |
|-------------------------------------|--------------------------|--------------------------|
| LWD - GR RES DEN NEU FPRES          | 3489                     | 3725                     |
| LWD - GR RES DEN NEU SON FP<br>SVWD | 2365                     | 4079                     |

## Foringsrør og formasjonsstyrketester

| Type utforing | Utforing<br>diam.<br>[tommer] | Utforing<br>dybde<br>[m] | Brønnbane<br>diam.<br>[tommer] | Brønnbane<br>dyp<br>[m] | LOT/FIT slam<br>eqv.<br>[g/cm3] | Type<br>formasjonstest |
|---------------|-------------------------------|--------------------------|--------------------------------|-------------------------|---------------------------------|------------------------|
| OPEN HOLE     |                               | 4079.0                   | 8 1/2                          | 4079.0                  | 0.00                            | LOT                    |

## Boreslam



| Dybde<br>MD [m] | Egenvekt,<br>slam<br>[g/cm3] | Viskositet,<br>slam<br>[mPa.s] | Fløytetegnelse<br>[Pa] | Type slam   | Dato, måling |
|-----------------|------------------------------|--------------------------------|------------------------|-------------|--------------|
| 1767            | 1.54                         | 19.0                           |                        | OBM-Low ECD |              |
| 2239            | 1.54                         | 19.0                           |                        | OBM-Low ECD |              |
| 2371            | 1.60                         | 21.0                           |                        | OBM-Low ECD |              |
| 3495            | 1.60                         | 19.0                           |                        | OBM-Low ECD |              |
| 3705            | 1.54                         | 19.0                           |                        | OBM-Low ECD |              |
| 4079            | 1.54                         | 18.0                           |                        | OBM-Low ECD |              |