



## Generell informasjon

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Brønnbane navn                           | 7120/10-1                                  |
| Type                                     | EXPLORATION                                |
| Formål                                   | WILDCAT                                    |
| Status                                   | P&A                                        |
| Faktakart i nytt vindu                   | <a href="#">lenke til kart</a>             |
| Hovedområde                              | BARENTS SEA                                |
| Brønn navn                               | 7120/10-1                                  |
| Seismisk lokalisering                    | E 841 - 30 SP. 630                         |
| Utvinningstillatelse                     | <a href="#">098</a>                        |
| Boreoperatør                             | Esso Exploration and Production Norway A/S |
| Boretillatelse                           | 429-L                                      |
| Boreinnretning                           | <a href="#">ZAPATA UGLAND</a>              |
| Boredager                                | 30                                         |
| Borestart                                | 10.08.1984                                 |
| Boreslutt                                | 08.09.1984                                 |
| Frigitt dato                             | 08.09.1986                                 |
| Publiseringsdato                         | 11.02.2005                                 |
| Opprinnelig formål                       | WILDCAT                                    |
| Gjenåpnet                                | NO                                         |
| Innhold                                  | DRY                                        |
| Funnbrønnbane                            | NO                                         |
| Avstand, boredekk - midlere havflate [m] | 25.0                                       |
| Vanndybde ved midlere havflate [m]       | 183.0                                      |
| Totalt målt dybde (MD) [m RKB]           | 2000.0                                     |
| Maks inklinasjon [°]                     | 8.5                                        |
| Temperatur ved bunn av brønnbanen [°C]   | 71                                         |
| Eldste penetrerte alder                  | LATE TRIASSIC                              |
| Eldste penetrerte formasjon              | FRUHOLMEN FM                               |
| Geodetisk datum                          | ED50                                       |
| NS grader                                | 71° 3' 6.25" N                             |
| ØV grader                                | 20° 16' 29.8" E                            |
| NS UTM [m]                               | 7883536.50                                 |
| ØV UTM [m]                               | 473722.27                                  |
| UTM sone                                 | 34                                         |
| NPDID for brønnbanen                     | 274                                        |



## Brønnhistorie

### General

Wildcat well 7120/10-1 is located in the Troms I area in the southwestern part of the Hammerfest Basin, close to the Troms-Finnmark Fault Complex. The main objective of the well was to test the Middle to Early Jurassic sands of the B-prospect located in the south-eastern part of the block

### Operations and results

The well was spudded with the semi-submersible installation Zapata Ugland on 10 September 1984 and drilled to TD at 2000 m in the Late Triassic. While drilling the 36" hole a boulder zone was encountered at 210 m to 248 m, which made it difficult to set the 30" casing. When pressure testing the seal assembly before drilling out of the 9 5/8" casing shoe, a leak was found in the well head connector. The leakage was repaired before drilling of the 8 1/2" hole section. The well was drilled using gel/seawater down to 534 m, with bentonite/CMC from 534 m to 1302 m, and with gel/lignosulphonate/seawater from 1302 m to TD.

No hydrocarbons were encountered in the well. No potential reservoir sands were present above the Middle Jurassic. In the Middle Jurassic to Top Triassic interval a net 200 m of good quality potential reservoir sandstone was penetrated.

One core was cut in the Middle Jurassic Stø Formation from 1570 m to 1584 m. Twenty-two RFT pressure readings were obtained from 1570 m to 1589 m, showing a saltwater pressure gradient. A fluid sample was taken at 1573.9 m. The sample contained mud filtrate without any gas or any smell or sign of hydrocarbons.

The well was permanently abandoned on 8 September 1984 as a dry hole.

### Testing

No drill stem test was performed

## Borekaks i Sokkeldirektoratet

| Borekaksprøve, topp dybde [m] | Borekaksprøve, bunn dybde [m] |
|-------------------------------|-------------------------------|
| 250.00                        | 1998.00                       |

|                                        |     |
|----------------------------------------|-----|
| Borekaks tilgjengelig for prøvetaking? | YES |
|----------------------------------------|-----|

## Borekjerne i Sokkeldirektoratet

| Kjerneprøve nummer | Kjerneprøve - topp dybde | Kjerneprøve - bunn dybde | Kjerneprøve dybde - enhet |
|--------------------|--------------------------|--------------------------|---------------------------|
| 1                  | 1570.0                   | 1583.5                   | [ m ]                     |

|                              |      |
|------------------------------|------|
| Total kjerneprøve lengde [m] | 13.5 |
|------------------------------|------|



|                                       |     |
|---------------------------------------|-----|
| Kjerner tilgjengelig for prøvetaking? | YES |
|---------------------------------------|-----|

Kjernebilder



1570-1576m



1576-1582m



1582-1583m

Palynologiske preparater i Søkeldirektoratet

| Prøve dybde | Dybde enhet | Prøve type | Laboratorie |
|-------------|-------------|------------|-------------|
| 270.0       | [m]         | DC         |             |
| 300.0       | [m]         | DC         |             |
| 330.0       | [m]         | DC         |             |
| 360.0       | [m]         | DC         |             |
| 390.0       | [m]         | DC         |             |
| 420.0       | [m]         | DC         |             |
| 450.0       | [m]         | DC         |             |
| 480.0       | [m]         | DC         |             |
| 510.0       | [m]         | DC         |             |
| 540.0       | [m]         | DC         |             |
| 570.0       | [m]         | DC         |             |
| 580.0       | [m]         | DC         |             |
| 600.0       | [m]         | DC         |             |
| 630.0       | [m]         | DC         |             |
| 660.0       | [m]         | DC         |             |
| 690.0       | [m]         | DC         |             |
| 720.0       | [m]         | DC         |             |
| 750.0       | [m]         | DC         |             |
| 760.0       | [m]         | DC         |             |
| 780.0       | [m]         | DC         |             |
| 810.0       | [m]         | DC         |             |
| 820.0       | [m]         | DC         |             |
| 840.0       | [m]         | DC         |             |
| 870.0       | [m]         | DC         |             |



|            |     |     |
|------------|-----|-----|
| 900.0 [m]  | DC  |     |
| 930.0 [m]  | DC  |     |
| 960.0 [m]  | DC  |     |
| 990.0 [m]  | DC  |     |
| 1020.0 [m] | DC  |     |
| 1050.0 [m] | DC  |     |
| 1080.0 [m] | DC  |     |
| 1090.0 [m] | DC  |     |
| 1110.0 [m] | DC  |     |
| 1140.0 [m] | DC  |     |
| 1170.0 [m] | DC  |     |
| 1200.0 [m] | DC  |     |
| 1210.0 [m] | DC  |     |
| 1230.0 [m] | DC  |     |
| 1240.0 [m] | DC  |     |
| 1260.0 [m] | DC  |     |
| 1290.0 [m] | DC  |     |
| 1317.0 [m] | DC  |     |
| 1331.0 [m] | SWC | RRI |
| 1350.0 [m] | DC  |     |
| 1360.0 [m] | SWC | RRI |
| 1380.0 [m] | DC  |     |
| 1398.0 [m] | SWC | RRI |
| 1405.0 [m] | SWC | RRI |
| 1410.0 [m] | DC  |     |
| 1440.0 [m] | DC  |     |
| 1442.0 [m] | SWC | RRI |
| 1467.0 [m] | SWC |     |
| 1470.0 [m] | DC  |     |
| 1500.0 [m] | DC  |     |
| 1522.0 [m] | SWC |     |
| 1530.0 [m] | DC  |     |
| 1537.0 [m] | SWC | RRI |
| 1560.0 [m] | DC  |     |
| 1590.0 [m] | DC  |     |
| 1615.0 [m] | SWC | RRI |
| 1620.0 [m] | DC  |     |
| 1650.0 [m] | DC  |     |
| 1680.0 [m] | DC  |     |
| 1710.0 [m] | DC  |     |



|            |     |     |
|------------|-----|-----|
| 1740.0 [m] | DC  |     |
| 1770.0 [m] | DC  |     |
| 1800.0 [m] | DC  |     |
| 1830.0 [m] | DC  |     |
| 1860.0 [m] | DC  |     |
| 1890.0 [m] | DC  |     |
| 1893.0 [m] | SWC | RRI |
| 1920.0 [m] | DC  |     |
| 1926.0 [m] | SWC | RRI |
| 1926.0 [m] | SWC | RRI |
| 1940.0 [m] | SWC | RRI |
| 1950.0 [m] | DC  |     |
| 1956.0 [m] | DC  |     |
| 1965.0 [m] | DC  |     |
| 1980.0 [m] | DC  |     |
| 1998.0 [m] | DC  |     |

### Litostratigrafi

| Topp Dyb<br>[mMD RKB] | Litostrat. enhet                |
|-----------------------|---------------------------------|
| 210                   | <a href="#">NORDLAND GP</a>     |
| 444                   | <a href="#">SOTBAKKEN GP</a>    |
| 444                   | <a href="#">TORSK FM</a>        |
| 531                   | <a href="#">NYGRUNNEN GP</a>    |
| 531                   | <a href="#">KVITING FM</a>      |
| 694                   | <a href="#">ADVENTDALEN GP</a>  |
| 694                   | <a href="#">KOLMULE FM</a>      |
| 1210                  | <a href="#">KOLJE FM</a>        |
| 1353                  | <a href="#">KNURR FM</a>        |
| 1394                  | <a href="#">HEKKINGEN FM</a>    |
| 1533                  | <a href="#">FUGLEN FM</a>       |
| 1568                  | <a href="#">KAPP TOSCANA GP</a> |
| 1568                  | <a href="#">STØ FM</a>          |
| 1655                  | <a href="#">NORDMELA FM</a>     |
| 1796                  | <a href="#">TUBÅEN FM</a>       |
| 1914                  | <a href="#">FRUHOLMEN FM</a>    |

### Spleisede logger





| Dokument navn       | Dokument format | Dokument størrelse [KB] |
|---------------------|-----------------|-------------------------|
| <a href="#">274</a> | pdf             | 0.36                    |

### Geokjemisk informasjon

| Dokument navn         | Dokument format | Dokument størrelse [KB] |
|-----------------------|-----------------|-------------------------|
| <a href="#">274 1</a> | pdf             | 0.63                    |

### Dokumenter - eldre Sökkeldirektoratets WDSS rapporter og andre relaterte dokumenter

| Dokument navn                              | Dokument format | Dokument størrelse [KB] |
|--------------------------------------------|-----------------|-------------------------|
| <a href="#">274 02 WDSS completion log</a> | pdf             | 0.21                    |

### Dokumenter - rapportert av utvinningstillatelsen (frigitt ihht til regelverk)

| Dokument navn                                       | Dokument format | Dokument størrelse [KB] |
|-----------------------------------------------------|-----------------|-------------------------|
| <a href="#">274 01 Completion Report</a>            | pdf             | 9.65                    |
| <a href="#">274 02 Geological Completion Report</a> | pdf             | 17.86                   |
| <a href="#">274 03 Completion log</a>               | pdf             | 1.47                    |

### Logger

| Type logg      | Topp dyp for logg [m] | Bunn dyp for logg [m] |
|----------------|-----------------------|-----------------------|
| CST            | 1306                  | 1995                  |
| ISF SLS GR CAL | 210                   | 1999                  |
| LDL CNL GR CAL | 522                   | 2000                  |
| RFT GR         | 1570                  | 1989                  |
| SHDT           | 1302                  | 2000                  |
| TEMP           | 210                   | 1200                  |
| VELOCITY       | 900                   | 2000                  |

### Foringsrør og formasjonsstyrketester





## Faktasider

### Brønnbane / Leting

Utskriftstidspunkt: 12.5.2024 - 23:58

| Type utforing | Utforing diam.<br>[tommer] | Utforing dybde<br>[m] | Brønnbane diam.<br>[tommer] | Brønnbane dyp<br>[m] | LOT/FIT slam<br>eqv.<br>[g/cm3] | Type formasjonstest |
|---------------|----------------------------|-----------------------|-----------------------------|----------------------|---------------------------------|---------------------|
| CONDUCTOR     | 30                         | 244.0                 | 36                          | 257.0                | 0.00                            | LOT                 |
| INTERM.       | 13 3/8                     | 521.0                 | 17 1/2                      | 610.0                | 0.00                            | LOT                 |
| INTERM.       | 9 5/8                      | 1300.0                | 12 1/4                      | 1317.0               | 1.88                            | LOT                 |
| OPEN HOLE     |                            | 2000.0                | 8 1/2                       | 2000.0               | 0.00                            | LOT                 |

### Boreslam

| Dybde MD [m] | Egenvekt, slam<br>[g/cm3] | Viskositet, slam<br>[mPa.s] | flytegrense [Pa] | Type slam   | Dato, måling |
|--------------|---------------------------|-----------------------------|------------------|-------------|--------------|
| 216          | 1.00                      |                             |                  | WATER BASED | 15.08.1984   |
| 237          | 1.00                      |                             |                  | WATER BASED | 15.08.1984   |
| 248          | 1.00                      |                             |                  | WATER BASED | 15.08.1984   |
| 253          | 1.12                      |                             |                  | WATER BASED | 15.08.1984   |
| 253          | 1.06                      | 15.0                        | 23.9             | WATER BASED | 15.08.1984   |
| 253          | 1.06                      | 15.0                        | 23.9             | WATER BASED | 15.08.1984   |
| 440          | 1.09                      | 9.0                         | 5.3              | WATER BASED | 16.08.1984   |
| 535          | 1.10                      | 10.0                        | 4.8              | WATER BASED | 21.08.1984   |
| 535          | 1.10                      | 10.0                        | 4.8              | WATER BASED | 21.08.1984   |
| 535          | 1.10                      | 10.0                        | 4.8              | WATER BASED | 17.08.1984   |
| 586          | 1.15                      | 11.0                        | 12.9             | WATER BASED | 21.08.1984   |
| 900          | 1.18                      | 16.0                        | 7.7              | WATER BASED | 21.08.1984   |
| 1196         | 1.22                      | 13.0                        | 9.6              | WATER BASED | 21.08.1984   |
| 1317         | 1.22                      | 13.0                        | 12.9             | WATER BASED | 22.08.1984   |
| 1317         | 1.26                      | 13.0                        | 12.5             | WATER BASED | 23.08.1984   |
| 1317         | 1.26                      | 13.0                        | 12.5             | WATER BASED | 23.08.1984   |
| 1350         | 1.33                      | 12.0                        | 6.2              | WATER BASED | 06.09.1984   |
| 1371         | 1.26                      | 11.0                        | 5.3              | WATER BASED | 28.08.1984   |
| 1501         | 1.26                      | 14.0                        | 8.6              | WATER BASED | 29.08.1984   |
| 1570         | 1.30                      | 12.0                        | 6.7              | WATER BASED | 30.08.1984   |
| 1584         | 1.28                      | 11.0                        | 5.3              | WATER BASED | 31.08.1984   |
| 1611         | 1.34                      | 14.0                        | 8.6              | WATER BASED | 03.09.1984   |
| 1816         | 1.34                      | 13.0                        | 9.6              | WATER BASED | 03.09.1984   |
| 1920         | 1.36                      | 14.0                        | 7.7              | WATER BASED | 03.09.1984   |
| 1961         | 1.34                      | 14.0                        | 8.1              | WATER BASED | 04.09.1984   |

### Tynnslip i Sokkeldirektoratet



| Dybde   | Enhet |
|---------|-------|
| 1570.00 | [m ]  |
| 1571.00 | [m ]  |
| 1572.00 | [m ]  |
| 1573.00 | [m ]  |
| 1574.00 | [m ]  |
| 1576.00 | [m ]  |
| 1578.00 | [m ]  |
| 1580.00 | [m ]  |
| 1581.00 | [m ]  |
| 1583.00 | [m ]  |

### Trykkplott

Porertrykksdataene kommer fra logging i brønnen hvis ingen annen kilde er oppgitt. I noen brønner der trykk ikke er logget, er det brukt informasjon fra formasjonstester eller brønnspark. Trykkdataene er rapportert inn til Oljedirektoratet og videre prosessert og kvalitetssikret av IHS Markit.

| Dokument navn                                            | Dokument format | Dokument størrelse [KB] |
|----------------------------------------------------------|-----------------|-------------------------|
| <a href="#">274 Formation pressure (Formasjonstrykk)</a> | pdf             | 0.25                    |

