## Generell informasjon

| | |
|---|---|
| Brønnbane navn | 6506/12-8 |
| Type | EXPLORATION |
| Formål | APPRAISAL |
| Status | P&A |
| Faktakart i nytt vindu | lenke til kart |
| Hovedområde | NORWEGIAN SEA |
| Felt | ÅSGARD |
| Funn | 6506/12-3 Smørbukk Sør |
| Brønn navn | 6506/12-8 |
| Seismisk lokalisering | ST 8701 - 529 SP 858 |
| Utvinningstillatelse | 094 |
| Boreoperatør | Den norske stats oljeselskap a.s |
| Boretillatelse | 579-L |
| Boreinnretning | WEST DELTA |
| Boredager | 88 |
| Borestart | 04.06.1988 |
| Boreslutt | 30.08.1988 |
| Frigitt dato | 30.08.1990 |
| Publiseringsdato | 28.06.2007 |
| Opprinnelig formål | APPRAISAL |
| Gjenåpnet | NO |
| Innhold | OIL/GAS |
| Funnbrønnbane | NO |
| 1. nivå med hydrokarboner, alder | MIDDLE JURASSIC |
| 1. nivå med hydrokarboner, formasjon. | FANGST GP |
| 2. nivå med hydrokarboner, alder | EARLY JURASSIC |
| 2. nivå med hydrokarboner, formasjon | TILJE FM |
| Avstand, boredekk - midlere havflate [m] | 29.0 |
| Vanndybde ved midlere havflate [m] | 296.0 |
| Totalt målt dybde (MD) [m RKB] | 4335.0 |
| Totalt vertikalt dybde (TVD) [m RKB] | 4334.0 |
| Maks inklinasjon [°] | 2.3 |
| Temperatur ved bunn av brønnbanen [°C] | 149 |
| Eldste penetrerte alder | EARLY JURASSIC |

| | |
|---|---|
| Eldste penetrerte formasjon | TILJE FM |
| Geodetisk datum | ED50 |
| NS grader | 65° 0' 59.32'' N |
| ØV grader | 6° 56' 58.75'' E |
| NS UTM [m] | 7212038.59 |
| ØV UTM [m] | 403380.37 |
| UTM sone | 32 |
| NPDID for brønnbanen | 1068 |

**Brønnhistorie**

**General**

Well 6506/12-8 is located in the Haltenbanken area off shore Mid Norway. It was designed to appraise the Smørbukk South discovery in the southern part of the block. The main objective was to establish productivity in the Garn Formation down flank of well 6506/12-3, the fluid properties, and to provide better understanding of diagenesis effects. In the Ile Formation the gas/water contact should be established, and in the Tilje Formation the oil/water and gas/oil contacts should be established or confirmed.

**Operations and results**

Appraisal well 6506/12-8 was spudded with the semi-submersible installation West Delta on 4 June 1988 and drilled to TD at 4334 m in the Early Jurassic Tilje Formation. The well was drilled without significant problems or incidents. It was drilled with spud mud down to 558 m, with gypsum polymer mud from 558 m to 3877 m, and with gel/lignosulphonate/lignite from 3877 m to TD. Gas bearing shallow sands were penetrated at 571 to 573 m and at 881 to 885 m.

Weak shows were recorded in sands in the Lysing Formation at 3158 - 3185 m. Top of the target reservoir (top Garn Formation) was encountered at 3875 m, the Ile Formation was encountered at 3992.5 m, and the Tilje Formation was encountered at 4186 m. The logs showed good reservoir properties, especially in the Garn Formation. The Garn and the Tilje Formations were tested and found hydrocarbon bearing. The Garn Formation was hydrocarbon bearing all through down to the tight sandstones/siltstones of the Not Formation. Weak shows were recorded also in the Ile Formation sandstone, and the logs indicated hydrocarbons down to top Ror Formation at 4065 m. However, no test was conducted in the Ile Formation. In the Tilje Formation geochemical analyses of the cores showed that the hydrocarbons were distributed in distinct zones within the reservoir. The most likely OWC was estimated at ca 4269 m, but no clear contact was found.

Eight cores were cut in the well. One core was cut in a claystone interval from 2311 - 2321 m in the Tertiary Tang Formation, but it was not recovered to the surface. The remaining seven cores recovered a total of 208.8 m core. Five cores were cut in the interval 3878 - 4038.5 m (Fangst Group), and two cores were cut in the interval 4235 - 4292 m in the Tilje Formation. RFT fluid samples were taken at 3921 m (Garn), 3925 m (Garn), 3948.3 m (Garn), and at 4264 m (Tilje). The well was suspended on 1 September 1988 as an oil and gas appraisal well.

**Testing**

Two DST tests were performed.

DST 1 tested the intervals 4205 - 4221 m and 4237 - 4277 m in the Tilje Formation. It produced 460 Sm3 oil, 115000 Sm3 gas and 8 - 10% water/d through a 28/64" choke. The GOR was 250 Sm3/Sm3, the oil density was 0.820 g/cm3, and the gas gravity was 0.820 (air = 1). The maximum bottom hole temperature was 148 deg C.

DST 2 tested the intervals 3915 - 3923 m and 3934 - 3955 m in the Garn Formation. It produced 1420 Sm3 oil, 460000 Sm3 gas and no water/d through a 64/64" choke. The GOR was 324 Sm3/Sm3, the oil density was 0.830 g/cm3, and the gas gravity was 0.775 (air = 1). The maximum bottom hole temperature was 138 deg C.

## Borekaks i Sokkeldirektoratet

| Borekaksprøve, topp dybde [m] | Borekaksprøve, bunn dybde [m] |
|---|---|
| 560.00 | 4335.00 |

| | |
|---|---|
| Borekaks tilgjengelig for prøvetaking? | NO |

### Borekjerner i Sokkeldirektoratet

| Kjerneprøve nummer | Kjerneprøve - topp dybde | Kjerneprøve - bunn dybde | Kjerneprøve dybde - enhet |
|---|---|---|---|
| 2 | 3878.0 | 3904.8 | [m ] |
| 3 | 3905.0 | 3941.2 | [m ] |
| 4 | 3941.0 | 3972.2 | [m ] |
| 5 | 3973.0 | 3995.8 | [m ] |
| 6 | 4003.0 | 4036.8 | [m ] |
| 7 | 4235.0 | 4258.6 | [m ] |
| 8 | 4258.6 | 4293.0 | [m ] |

| | |
|---|---|
| Total kjerneprøve lengde [m] | 208.7 |
| Kjerner tilgjengelig for prøvetaking? | YES |

### Kjernebilder


3878-3883m


3883-3888m


3888-3893m


3893-3898m


3898-3903m


3903-3904m


3905-3910m


3910-3915m


3915-2920m


3920-3925m


3925-3930m


3930-3935m


3935-3940m


3940-3941m


3941-3946m


3946-3951m


3951-3956m


3956-3961m


3961-3966m


3966-3971m


3971-3972m


3973-3978m


3978-3983m


3983-3988m


3988-3993m


3993-3995m


4003-4008m


4008-4013m


4013-4018m


4018-4023m


4023-4028m


4028-4033m


4033-4036m


4235-4240m


4240-4245m


4245-4250m


4250-4255m


4255-4258m


4258-4263m


4263-4268m


4268-4273m


4273-4278m


4278-4283m


4283-4288m


4288-4293m

**Palynologiske preparater i Sokkeldirektoratet**

| Prøve dybde | Dybde enhet | Prøve type | Laboratorie |
|---|---|---|---|
| 2000.0 | [m] | DC | RRI |
| 2020.0 | [m] | DC | RRI |
| 2040.0 | [m] | DC | RRI |
| 2060.0 | [m] | DC | RRI |
| 2080.0 | [m] | DC | RRI |
| 2100.0 | [m] | DC | RRI |
| 2120.0 | [m] | DC | RRI |
| 2140.0 | [m] | DC | RRI |
| 2160.0 | [m] | DC | RRI |
| 2180.0 | [m] | DC | RRI |
| 2200.0 | [m] | DC | RRI |
| 2218.0 | [m] | DC | RRI |
| 2236.0 | [m] | DC | RRI |
| 2254.0 | [m] | DC | RRI |
| 2272.0 | [m] | DC | RRI |
| 2299.0 | [m] | DC | RRI |
| 2311.0 | [m] | DC | RRI |
| 2326.0 | [m] | DC | RRI |
| 2344.0 | [m] | DC | RRI |
| 2362.0 | [m] | DC | RRI |
| 2380.0 | [m] | DC | RRI |
| 2398.0 | [m] | DC | RRI |
| 2416.0 | [m] | DC | RRI |
| 2434.0 | [m] | DC | RRI |
| 2452.0 | [m] | DC | RRI |
| 2497.0 | [m] | DC | RRI |
| 2515.0 | [m] | DC | RRI |
| 2533.0 | [m] | DC | RRI |
| 2551.0 | [m] | DC | RRI |
| 2569.0 | [m] | DC | RRI |
| 2587.0 | [m] | DC | RRI |
| 2605.0 | [m] | DC | RRI |
| 2623.0 | [m] | DC | RRI |
| 2641.0 | [m] | DC | RRI |
| 2659.0 | [m] | DC | RRI |
| 2677.0 | [m] | DC | RRI |

| | | | |
|---|---|---|---|
| 2695.0 | [m] | DC | RRI |
| 2704.0 | [m] | DC | RRI |
| 2718.0 | [m] | DC | RRI |
| 2722.0 | [m] | DC | RRI |
| 2740.0 | [m] | DC | RRI |
| 2755.0 | [m] | DC | RRI |
| 2773.0 | [m] | DC | RRI |
| 2788.0 | [m] | DC | RRI |
| 2803.0 | [m] | DC | RRI |
| 2818.0 | [m] | DC | RRI |
| 2833.0 | [m] | DC | RRI |
| 2848.0 | [m] | DC | RRI |
| 2863.0 | [m] | DC | RRI |
| 2878.0 | [m] | DC | RRI |
| 2893.0 | [m] | DC | RRI |
| 2908.0 | [m] | DC | RRI |
| 2923.0 | [m] | DC | RRI |
| 2938.0 | [m] | DC | RRI |
| 2953.0 | [m] | DC | RRI |
| 2968.0 | [m] | DC | RRI |
| 2983.0 | [m] | DC | RRI |
| 2998.0 | [m] | DC | RRI |
| 3013.0 | [m] | DC | RRI |
| 3028.0 | [m] | DC | RRI |
| 3043.0 | [m] | DC | RRI |
| 3058.0 | [m] | DC | RRI |
| 3073.0 | [m] | DC | RRI |
| 3088.0 | [m] | DC | RRI |
| 3103.0 | [m] | DC | RRI |
| 3118.0 | [m] | DC | RRI |
| 3133.0 | [m] | DC | RRI |
| 3148.0 | [m] | DC | RRI |
| 3163.0 | [m] | DC | RRI |
| 3178.0 | [m] | DC | RRI |
| 3193.0 | [m] | DC | RRI |
| 3208.0 | [m] | DC | RRI |
| 3223.0 | [m] | DC | RRI |
| 3238.0 | [m] | DC | RRI |
| 3253.0 | [m] | DC | RRI |
| 3268.0 | [m] | DC | RRI |

| | | | |
|---|---|---|---|
| 3283.0 | [m] | DC | RRI |
| 3298.0 | [m] | DC | RRI |
| 3313.0 | [m] | DC | RRI |
| 3328.0 | [m] | DC | RRI |
| 3340.0 | [m] | DC | RRI |
| 3358.0 | [m] | DC | RRI |
| 3373.0 | [m] | DC | RRI |
| 3388.0 | [m] | DC | RRI |
| 3403.0 | [m] | DC | RRI |
| 3418.0 | [m] | DC | RRI |
| 3433.0 | [m] | DC | RRI |
| 3448.0 | [m] | DC | RRI |
| 3463.0 | [m] | DC | RRI |
| 3478.0 | [m] | DC | RRI |
| 3493.0 | [m] | DC | RRI |
| 3508.0 | [m] | DC | RRI |
| 3523.0 | [m] | DC | RRI |
| 3538.0 | [m] | DC | RRI |
| 3553.0 | [m] | DC | RRI |
| 3568.0 | [m] | DC | RRI |
| 3583.0 | [m] | DC | RRI |
| 3598.0 | [m] | DC | RRI |
| 3613.0 | [m] | DC | RRI |
| 3628.0 | [m] | DC | RRI |
| 3643.0 | [m] | DC | RRI |
| 3658.0 | [m] | DC | RRI |
| 3673.0 | [m] | DC | RRI |
| 3688.0 | [m] | DC | RRI |
| 3703.0 | [m] | DC | RRI |
| 3733.0 | [m] | DC | RRI |
| 3748.0 | [m] | DC | RRI |
| 3763.0 | [m] | DC | RRI |
| 3778.0 | [m] | DC | RRI |
| 3793.0 | [m] | DC | RRI |
| 3808.0 | [m] | DC | RRI |
| 3823.0 | [m] | DC | RRI |
| 3838.0 | [m] | DC | RRI |
| 3853.0 | [m] | DC | RRI |
| 3868.0 | [m] | DC | RRI |
| 4045.0 | [m] | DC | RRI |

| | | | |
|---|---|---|---|
| 4075.0 | [m] | DC | RRI |
| 4090.0 | [m] | DC | RRI |
| 4105.0 | [m] | DC | RRI |
| 4120.0 | [m] | DC | RRI |
| 4135.0 | [m] | DC | RRI |
| 4150.0 | [m] | DC | RRI |
| 4165.0 | [m] | DC | RRI |
| 4180.0 | [m] | DC | RRI |
| 4195.0 | [m] | DC | RRI |
| 4210.0 | [m] | DC | RRI |
| 4225.0 | [m] | DC | RRI |
| 4242.5 | [m] | C | RRI |
| 4258.1 | [m] | C | RRI |
| 4266.5 | [m] | C | RRI |
| 4273.8 | [m] | C | RRI |
| 4303.0 | [m] | DC | RRI |
| 4333.0 | [m] | DC | RRI |

**Oljeprøver i Sokkeldirektoratet**

| Test type | Flaske nummer | Topp dyp MD [m] | Bunn dyp MD [m] | Væske type | Test tidspunkt | Prøver tilgjengelig |
|---|---|---|---|---|---|---|
| DST | TEST1 | 4237.00 | 4277.00 | | 16.08.1988 - 05:00 | YES |
| DST | TEST2 | 3915.00 | 3923.00 | | 25.08.1988 - 01:00 | YES |

**Litostratigrafi**

| Topp Dyb [mMD RKB] | Litostrat. enhet |
|---|---|
| 325 | NORDLAND GP |
| 325 | NAUST FM |
| 1342 | KAI FM |
| 1968 | HORDALAND GP |
| 1968 | BRYGGE FM |
| 2235 | ROGALAND GP |
| 2235 | TARE FM |
| 2298 | TANG FM |
| 2353 | SHETLAND GP |

| | |
|---|---|
| 2353 | SPRINGAR FM |
| 2545 | NISE FM |
| 2702 | KVITNOS FM |
| 3158 | CROMER KNOLL GP |
| 3158 | LYSING FM |
| 3185 | LANGE FM |
| 3725 | LYR FM |
| 3743 | VIKING GP |
| 3743 | SPEKK FM |
| 3787 | MELKE FM |
| 3875 | FANGST GP |
| 3875 | GARN FM |
| 3956 | NOT FM |
| 3993 | ILE FM |
| 4065 | BÅT GP |
| 4065 | ROR FM |
| 4186 | TILJE FM |

### Geokjemisk informasjon

| Dokument navn | Dokument format | Dokument størrelse [KB] |
|---|---|---|
| 1068_1 | pdf | 0.27 |
| 1068_2 | pdf | 2.24 |
| 1068_3 | pdf | 2.25 |
| 1068_4 | pdf | 0.19 |

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

| Dokument navn | Dokument format | Dokument størrelse [KB] |
|---|---|---|
| 1068_01_WDSS_General_Information | pdf | 0.25 |
| 1068_02_WDSS_completion_log | pdf | 0.27 |

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

| Dokument navn | Dokument format | Dokument størrelse [KB] |
|---|---|---|
| 1068_6506_12_8_COMPLETION_REPORT_AND_LOG | pdf | 12.33 |

### Borestrengtester (DST)

| Test nummer | Fra dybde MD [m] | Til dybde MD [m] | Reduksjonsventil størrelse [mm] |
|---|---|---|---|
| 1.0 | 4237 | 4277 | 22.2 |
| 1.2 | 4205 | 4221 | 11.1 |
| 2.0 | 3915 | 3955 | 12.7 |

| Test nummer | Endelig avstengningstrykk [MPa] | Endelig strømningstrykk [MPa] | Bunnhullstrykk [MPa] | Borehullstemperatur [°C] |
|---|---|---|---|---|
| 1.0 | | | | |
| 1.2 | | | | |
| 2.0 | | | | |

| Test nummer | Olje produksjon [Sm3/dag] | Gass produksjon [Sm3/dag] | Oljetetthet [g/cm3] | Gasstyngde rel. luft | GOR [m3/m3] |
|---|---|---|---|---|---|
| 1.0 | 1100 | 300000 | 0.810 | 0.827 | 273 |
| 1.2 | 460 | 115000 | 0.820 | 0.820 | 250 |
| 2.0 | 610 | 180000 | 0.829 | 0.756 | 295 |

### Logger

| Type logg | Topp dyp for logg [m] | Bunn dyp for logg [m] |
|---|---|---|
| CBL VDL GR | 325 | 1858 |
| CBL VDL GR | 3100 | 3856 |
| CBL VDL GR | 3664 | 4285 |
| CDL CN GR CAL | 1858 | 3873 |
| CDL CN SPL | 3856 | 4332 |
| DIFL AC GR | 1858 | 3873 |
| DIFL AC GR 3CAL | 3856 | 4331 |
| DIFL AC GR CDL CAL | 553 | 1872 |
| DIPLOG | 3856 | 4328 |
| FMT GR | 3179 | 3179 |
| FMT HP | 3856 | 4258 |
| MLL DLL GR | 3856 | 4332 |
| MLL DLL GR CAL | 3092 | 3240 |

| | | |
|---|---|---|
| MWD - GR RES DIR | 386 | 4335 |
| SPL | 4180 | 4275 |
| VELOCITY | 1000 | 4333 |

**Foringsrør og formasjonsstyrketester**

| Type utforing | Utforing diam. [tommer] | Utforing dybde [m] | Brønnbane diam. [tommer] | Brønnbane dyp [m] | LOT/FIT slam eqv. [g/cm3] | Type formasjonstest |
|---|---|---|---|---|---|---|
| CONDUCTOR | 30 | 386.0 | 36 | 386.0 | 0.00 | LOT |
| SURF.COND. | 20 | 553.0 | 26 | 577.0 | 1.43 | LOT |
| INTERM. | 13 3/8 | 1859.0 | 17 1/2 | 1876.0 | 1.83 | LOT |
| INTERM. | 9 5/8 | 3858.0 | 12 1/4 | 3877.0 | 1.75 | LOT |
| LINER | 7 | 4332.0 | 8 1/2 | 4335.0 | 0.00 | LOT |

**Boreslam**

| Dybde MD [m] | Egenvekt, slam [g/cm3] | Viskositet, slam [mPa.s] | Flytegrense [Pa] | Type slam | Dato, måling |
|---|---|---|---|---|---|
| 390 | 1.04 | 120.0 | | WATER BASED | 06.06.1988 |
| 390 | 1.03 | | | WATER BASED | 06.06.1988 |
| 571 | 1.03 | | | WATER BASED | 08.06.1988 |
| 571 | 1.20 | 8.0 | 2.0 | WATER BASED | 10.06.1988 |
| 577 | 1.70 | | | WATER BASED | 07.06.1988 |
| 981 | 1.20 | 45.0 | 5.0 | WATER BASED | 13.06.1988 |
| 1406 | 1.30 | 48.0 | 3.5 | WATER BASED | 13.06.1988 |
| 1579 | 1.30 | 14.0 | 4.0 | WATER BASED | 13.06.1988 |
| 1873 | 1.35 | 17.0 | 5.5 | WATER BASED | 15.06.1988 |
| 1873 | 1.35 | 17.0 | 6.0 | WATER BASED | 14.06.1988 |
| 1873 | 1.70 | 21.0 | 2.5 | WATER BASED | 20.06.1988 |
| 1876 | 1.70 | 58.0 | 3.0 | WATER BASED | 20.06.1988 |
| 1941 | 1.70 | 8.0 | 14.5 | WATER BASED | 21.06.1988 |
| 2311 | 1.60 | 28.0 | 3.0 | WATER BASED | 24.06.1988 |
| 2311 | 1.60 | 28.0 | 3.0 | WATER BASED | 27.06.1988 |
| 2530 | 1.65 | 23.0 | 11.0 | WATER BASED | 06.07.1988 |
| 2530 | 1.63 | 35.0 | 8.0 | WATER BASED | 27.06.1988 |
| 2530 | 1.63 | 24.0 | 8.0 | WATER BASED | 27.06.1988 |
| 2530 | 1.63 | 26.0 | 10.0 | WATER BASED | 28.06.1988 |
| 2530 | 1.65 | 28.0 | 9.0 | WATER BASED | 29.06.1988 |
| 3180 | 1.65 | 24.0 | 9.0 | WATER BASED | 01.07.1988 |

| | | | | | |
|---|---|---|---|---|---|
| 3398 | 1.65 | 23.0 | 9.5 | WATER BASED | 04.07.1988 |
| 3398 | 1.65 | 22.0 | 10.5 | WATER BASED | 05.07.1988 |
| 3620 | 1.65 | 19.0 | 10.5 | WATER BASED | 07.07.1988 |
| 3620 | 1.65 | 24.0 | 9.0 | WATER BASED | 08.07.1988 |
| 3669 | 1.65 | 26.0 | 9.5 | WATER BASED | 11.07.1988 |
| 3738 | 1.65 | 25.0 | 10.0 | WATER BASED | 11.07.1988 |
| 3808 | 1.65 | 25.0 | 7.5 | WATER BASED | 11.07.1988 |
| 3850 | 1.65 | 27.0 | 9.0 | WATER BASED | 12.07.1988 |
| 3850 | 1.65 | 23.0 | 8.0 | WATER BASED | 13.07.1988 |
| 3865 | 1.65 | 24.0 | 8.5 | WATER BASED | 14.07.1988 |
| 3871 | 1.67 | 25.0 | 6.5 | WATER BASED | 15.07.1988 |
| 3877 | 1.67 | 27.0 | 7.5 | WATER BASED | 19.07.1988 |
| 3877 | 1.67 | 23.0 | 5.5 | WATER BASED | 19.07.1988 |
| 3877 | 1.67 | 22.0 | 5.5 | WATER BASED | 19.07.1988 |
| 3877 | 1.67 | 21.0 | 5.0 | WATER BASED | 19.07.1988 |
| 3877 | 1.67 | 21.0 | 6.5 | WATER BASED | 21.07.1988 |
| 3877 | 1.15 | 33.0 | 4.5 | WATER BASED | 29.07.1988 |
| 3877 | 1.15 | 33.0 | 4.5 | WATER BASED | 01.08.1988 |
| 3877 | 1.15 | 33.0 | 5.0 | WATER BASED | 03.08.1988 |
| 3877 | 1.15 | 17.0 | 2.5 | WATER BASED | 15.08.1988 |
| 3877 | 1.15 | 13.0 | 3.5 | WATER BASED | 23.08.1988 |
| 3877 | 1.15 | 30.0 | 11.5 | WATER BASED | 29.08.1988 |
| 3877 | 1.15 | 32.0 | 4.5 | WATER BASED | 27.07.1988 |
| 3877 | 1.15 | 34.0 | 6.0 | WATER BASED | 27.07.1988 |
| 3877 | 1.15 | 37.0 | 5.0 | WATER BASED | 27.07.1988 |
| 3877 | 1.15 | 32.0 | 3.5 | WATER BASED | 28.07.1988 |
| 3877 | 1.15 | 38.0 | 4.0 | WATER BASED | 01.08.1988 |
| 3877 | 1.15 | 32.0 | 4.0 | WATER BASED | 01.08.1988 |
| 3877 | 1.15 | 40.0 | 4.0 | WATER BASED | 04.08.1988 |
| 3877 | 1.15 | 35.0 | 4.0 | WATER BASED | 05.08.1988 |
| 3877 | 1.15 | 33.0 | 3.0 | WATER BASED | 08.08.1988 |
| 3877 | 1.15 | 35.0 | 15.5 | WATER BASED | 08.08.1988 |
| 3877 | 1.15 | 35.0 | 10.0 | WATER BASED | 08.08.1988 |
| 3877 | 1.15 | 50.0 | 12.5 | WATER BASED | 09.08.1988 |
| 3877 | 1.15 | 23.0 | 2.0 | WATER BASED | 11.08.1988 |
| 3877 | 1.15 | 17.0 | 2.5 | WATER BASED | 12.08.1988 |
| 3877 | 1.15 | 11.0 | | WATER BASED | 15.08.1988 |
| 3877 | 1.15 | 11.0 | 4.0 | WATER BASED | 15.08.1988 |
| 3877 | 1.15 | 15.0 | 3.5 | WATER BASED | 16.08.1988 |
| 3877 | 1.15 | 18.5 | 2.5 | WATER BASED | 19.08.1988 |

| | | | | | |
|---|---|---|---|---|---|
| 3877 | 1.16 | 16.0 | 3.0 | WATER BASED | 19.08.1988 |
| 3877 | 1.15 | 6.0 | 2.5 | WATER BASED | 22.08.1988 |
| 3877 | 1.15 | 12.0 | 3.0 | WATER BASED | 24.08.1988 |
| 3877 | 1.15 | 11.0 | 3.0 | WATER BASED | 25.08.1988 |
| 3877 | 1.15 | 17.0 | 4.5 | WATER BASED | 26.08.1988 |
| 3877 | 1.15 | 34.0 | 11.5 | WATER BASED | 29.08.1988 |
| 3877 | 1.15 | 39.0 | 9.5 | WATER BASED | 29.08.1988 |
| 3877 | 0.00 | | | WATER BASED | 30.08.1988 |
| 3878 | 1.15 | 12.0 | 2.5 | WATER BASED | 21.07.1988 |
| 3905 | 1.15 | 15.0 | 2.5 | WATER BASED | 27.07.1988 |
| 3918 | 1.15 | 26.0 | 2.5 | WATER BASED | 27.07.1988 |
| 3983 | 1.15 | 27.0 | 4.0 | WATER BASED | 27.07.1988 |

## 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] |
|---|---|---|
| 1068_Formation_pressure_(Formasjonstrykk) | pdf | 0.22 |