



### Generell informasjon

|                            |                                   |
|----------------------------|-----------------------------------|
| Litostrat. enhet           | TUBÅEN FM                         |
| NPDID for litostrat. enhet | 174                               |
| Nivå                       | FORMATION                         |
| Litostrat. enhet, forelder | <a href="#">REALGRUNNEN SUBGP</a> |

### Nivå under

|                  |
|------------------|
| Litostrat. enhet |
|------------------|

### Beskrivelse



## **Tubåen Formation**

### **Name**

From a fishing bank off the northern point of Sørøy (Finnmark). The present formational concept corresponds to T2-3 or the Dyrøy Formation of earlier informal usage.

### **Well type section**

Well [7121/5-1](#) (Statoil), coordinates 71°35'54.88"N, 21°24'21.78"E from 2572 to 2507m. The entire upper part of the formation (from 2542 m) is cored in this well ([Fig 4.46](#)).

### **Well reference section**

Well [7120/12-1](#) (Norsk Hydro), coordinates 71°06'48.7"N, 20°45'20.1"E, from 2337 to 2250 m ([Fig 4.47](#)).

### **Thickness**

The formation is relatively thin in its type and reference well's (65 m and 87 m respectively).

### **Lithology**

The formation is dominated by sandstones with subordinate shales and minor coals. Coals are most abundant near southeastern basinal margins, and die out to the northwest. The formation generally has a tripartite development, with a lower and upper sand-rich unit separated by a more shaly interval. Shale content increases towards the northwest where the Tubåen Formation may intercalate with a lateral shale equivalent.

### **Definition**

The base is taken on gamma ray logs at the first significant sand with blocky to bell-shaped response patterns above the more irregular high responses of the underlying unit. There is also a marked change in the separation pattern between the neutron porosity and bulk density logs.

### **Lateral extent and variation**

Greatest thicknesses, in the order of 150 m, are seen in the [Askeladden](#) area (blocks 7120/7 and 8), and isopachs appear to follow a WSW-ENE trend. The formation is expected to have a distribution subparallel to the Troms-Finnmark Fault Complex. It appears to shale out towards the northwest.

### **Age**

The formation base is of late Rhaetian to early Hettangian age; the unit may locally extend upwards into the Sinemurian.

### **Depositional environment**

The unit's sands are thought to represent a stacked series of high energy marginal marine (tidal inlet dominated barrier complex and/or estuarine) deposits. Marine shales reflect more distal environments to the northwest, while coals and shales to the south-east were deposited in protected back-barrier lagoonal environments.

### **Source**

- Dalland, A., Worsley, D. and Ofstad, K. (eds.) 1988: A lithostratigraphic scheme for the Mesozoic and Cenozoic succession offshore mid- and northern Norway. NPD-Bulletin No. 4, 65 pp.

## **Brønnbaner som penetrerer**



## Faktasider

### Stratigrafi

Utskriftstidspunkt: 19.5.2024 -  
19:36

| Brønnbane navn             | Dato for boreslutt | Topp dyp [m] | Bunn dyp [m] |
|----------------------------|--------------------|--------------|--------------|
| <a href="#">7019/1-1</a>   | 03.12.2000         | 2862         | 3003         |
| <a href="#">7119/9-1</a>   | 25.09.1984         | 3027         | 3185         |
| <a href="#">7119/12-2</a>  | 26.06.1981         | 1719         | 1855         |
| <a href="#">7119/12-4</a>  | 17.02.2011         | 2660         | 2808         |
| <a href="#">7120/1-2</a>   | 28.03.1989         | 2452         | 2506         |
| <a href="#">7120/2-3 S</a> | 09.07.2011         | 2299         | 2363         |
| <a href="#">7120/5-1</a>   | 06.06.1985         | 2510         | 2648         |
| <a href="#">7120/6-1</a>   | 02.05.1985         | 2559         | 2820         |
| <a href="#">7120/6-2 S</a> | 22.07.2007         | 2762         | 2886         |
| <a href="#">7120/7-1</a>   | 08.10.1982         | 2650         | 2839         |
| <a href="#">7120/7-2</a>   | 21.08.1983         | 2387         | 2435         |
| <a href="#">7120/8-1</a>   | 10.09.1981         | 2330         | 2462         |
| <a href="#">7120/8-2</a>   | 29.07.1982         | 2375         | 2455         |
| <a href="#">7120/8-4</a>   | 10.12.2007         | 2496         | 2643         |
| <a href="#">7120/9-1</a>   | 26.09.1982         | 1986         | 2077         |
| <a href="#">7120/9-2</a>   | 20.10.1984         | 2156         | 2290         |
| <a href="#">7120/10-1</a>  | 08.09.1984         | 1796         | 1914         |
| <a href="#">7120/12-1</a>  | 12.10.1980         | 2250         | 2337         |
| <a href="#">7120/12-2</a>  | 11.09.1981         | 2152         | 2234         |
| <a href="#">7120/12-3</a>  | 05.05.1983         | 2342         | 2395         |
| <a href="#">7120/12-5</a>  | 03.01.2011         | 2365         | 2407         |
| <a href="#">7121/4-1</a>   | 27.10.1984         | 2469         | 2532         |
| <a href="#">7121/4-2</a>   | 14.04.1985         | 2642         | 2737         |
| <a href="#">7121/5-1</a>   | 28.09.1985         | 2507         | 2572         |
| <a href="#">7121/5-2</a>   | 06.07.1986         | 2450         | 2503         |
| <a href="#">7121/5-3</a>   | 09.03.2001         | 1984         | 2034         |
| <a href="#">7121/7-1</a>   | 05.08.1984         | 2001         | 2045         |
| <a href="#">7121/7-2</a>   | 12.08.1986         | 2028         | 2073         |
| <a href="#">7121/8-1</a>   | 15.07.2017         | 2025         | 2039         |
| <a href="#">7122/4-1</a>   | 13.01.1992         | 2430         | 2464         |
| <a href="#">7122/6-1</a>   | 11.11.1987         | 2052         | 2063         |
| <a href="#">7122/6-2</a>   | 19.09.2006         | 2104         | 2113         |
| <a href="#">7122/6-3 S</a> | 10.10.2021         | 1908         | 1921         |
| <a href="#">7122/7-1</a>   | 05.10.2000         | 1102         | 1125         |
| <a href="#">7122/7-2</a>   | 19.10.2001         | 1078         | 1196         |
| <a href="#">7122/7-3</a>   | 08.01.2006         | 1087         | 1180         |
| <a href="#">7122/7-5 A</a> | 13.01.2007         | 1200         | 1218         |
| <a href="#">7122/7-7 S</a> | 26.12.2018         | 1166         | 1274         |
| <a href="#">7123/4-1 A</a> | 14.05.2008         | 2131         | 2141         |



|                             |            |      |      |
|-----------------------------|------------|------|------|
| <a href="#">7123/4-1 S</a>  | 21.04.2008 | 2122 | 2139 |
| <a href="#">7124/3-1</a>    | 20.10.1987 | 1285 | 1305 |
| <a href="#">7219/8-2</a>    | 30.09.2013 | 3143 | 3283 |
| <a href="#">7219/9-1</a>    | 25.02.1988 | 2206 | 2305 |
| <a href="#">7219/9-3</a>    | 29.07.2020 | 938  | 1069 |
| <a href="#">7219/12-1</a>   | 19.01.2017 | 1503 | 1653 |
| <a href="#">7219/12-1 A</a> | 28.02.2017 | 1747 | 1907 |
| <a href="#">7219/12-2 S</a> | 07.11.2017 | 1843 | 2000 |
| <a href="#">7219/12-3 S</a> | 17.01.2018 | 2578 | 2651 |
| <a href="#">7220/2-1</a>    | 10.10.2014 | 992  | 1113 |
| <a href="#">7220/4-1</a>    | 25.02.2014 | 2405 | 2513 |
| <a href="#">7220/5-1</a>    | 24.03.2012 | 1578 | 1695 |
| <a href="#">7220/5-2</a>    | 08.07.2013 | 1763 | 1780 |
| <a href="#">7220/5-3</a>    | 26.10.2018 | 1626 | 1692 |
| <a href="#">7220/7-1</a>    | 24.01.2012 | 2023 | 2130 |
| <a href="#">7220/7-2 S</a>  | 16.12.2013 | 1119 | 1190 |
| <a href="#">7220/7-3 S</a>  | 05.05.2014 | 1710 | 1858 |
| <a href="#">7220/7-4</a>    | 14.03.2021 | 2061 | 2112 |
| <a href="#">7220/8-1</a>    | 02.05.2011 | 1511 | 1628 |
| <a href="#">7220/10-1</a>   | 16.10.2012 | 1832 | 1931 |
| <a href="#">7223/5-1</a>    | 14.01.2009 | 524  | 540  |
| <a href="#">7224/6-1</a>    | 21.08.2008 | 1004 | 1064 |
| <a href="#">7224/7-1</a>    | 19.06.1988 | 930  | 931  |
| <a href="#">7226/2-1</a>    | 19.07.2008 | 901  | 950  |
| <a href="#">7226/11-1</a>   | 11.04.1988 | 1202 | 1234 |
| <a href="#">7227/10-1</a>   | 10.11.2014 | 1636 | 1675 |
| <a href="#">7227/11-1 A</a> | 24.03.2006 | 1190 | 1201 |
| <a href="#">7227/11-1 S</a> | 22.02.2006 | 1190 | 1201 |
| <a href="#">7228/1-1</a>    | 26.04.2012 | 974  | 1034 |
| <a href="#">7228/2-1 S</a>  | 20.12.1989 | 1345 | 1404 |
| <a href="#">7228/7-1 A</a>  | 02.02.2001 | 1399 | 1494 |
| <a href="#">7228/7-1 B</a>  | 10.02.2001 | 1399 | 1494 |
| <a href="#">7228/7-1 S</a>  | 08.01.2001 | 1397 | 1480 |
| <a href="#">7317/9-1</a>    | 07.10.2017 | 980  | 1079 |
| <a href="#">7335/3-1</a>    | 15.06.2019 | 644  | 665  |
| <a href="#">7435/12-1</a>   | 01.09.2017 | 657  | 682  |

#### Brønnbaner med kjerner

| Brønnbane navn           | Dato for boreslutt | Kjernelengde [m] |
|--------------------------|--------------------|------------------|
| <a href="#">7120/6-1</a> | 02.05.1985         | 6                |



|                             |            |     |
|-----------------------------|------------|-----|
| <a href="#">7121/5-1</a>    | 28.09.1985 | 29  |
| <a href="#">7121/5-3</a>    | 09.03.2001 | 26  |
| <a href="#">7122/6-1</a>    | 11.11.1987 | 11  |
| <a href="#">7122/6-3 S</a>  | 10.10.2021 | 12  |
| <a href="#">7122/7-2</a>    | 19.10.2001 | 77  |
| <a href="#">7122/7-3</a>    | 08.01.2006 | 29  |
| <a href="#">7124/3-1</a>    | 20.10.1987 | 14  |
| <a href="#">7219/12-1</a>   | 19.01.2017 | 148 |
| <a href="#">7219/12-1 A</a> | 28.02.2017 | 68  |
| <a href="#">7220/4-1</a>    | 25.02.2014 | 56  |
| <a href="#">7220/5-1</a>    | 24.03.2012 | 45  |
| <a href="#">7220/7-1</a>    | 24.01.2012 | 99  |
| <a href="#">7220/7-2 S</a>  | 16.12.2013 | 60  |
| <a href="#">7224/6-1</a>    | 21.08.2008 | 34  |
| <a href="#">7224/7-1</a>    | 19.06.1988 | 1   |
| <a href="#">7226/2-1</a>    | 19.07.2008 | 45  |
| <a href="#">7226/11-1</a>   | 11.04.1988 | 31  |
| <a href="#">7228/2-1 S</a>  | 20.12.1989 | 4   |
| <a href="#">7317/9-1</a>    | 07.10.2017 | 37  |