

**General information**

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| Wellbore name                      | 6607/5-1                                   |
| Type                               | EXPLORATION                                |
| Purpose                            | WILDCAT                                    |
| Status                             | P&A                                        |
| Factmaps in new window             | <a href="#">link to map</a>                |
| Main area                          | NORWEGIAN SEA                              |
| Well name                          | 6607/5-1                                   |
| Seismic location                   | AE 86 - 114 SP. 2539                       |
| Production licence                 | <a href="#">126</a>                        |
| Drilling operator                  | Esso Exploration and Production Norway A/S |
| Drill permit                       | 549-L                                      |
| Drilling facility                  | <a href="#">VINNI</a>                      |
| Drilling days                      | 95                                         |
| Entered date                       | 09.06.1987                                 |
| Completed date                     | 11.09.1987                                 |
| Release date                       | 11.09.1989                                 |
| Publication date                   | 29.05.2002                                 |
| Purpose - planned                  | WILDCAT                                    |
| Reentry                            | NO                                         |
| Content                            | DRY                                        |
| Discovery wellbore                 | NO                                         |
| Kelly bushing elevation [m]        | 27.0                                       |
| Water depth [m]                    | 368.0                                      |
| Total depth (MD) [m RKB]           | 3817.0                                     |
| Final vertical depth (TVD) [m RKB] | 3805.0                                     |
| Maximum inclination [°]            | 20                                         |
| Bottom hole temperature [°C]       | 112                                        |
| Oldest penetrated age              | LATE CRETACEOUS                            |
| Oldest penetrated formation        | LANGE FM                                   |
| Geodetic datum                     | ED50                                       |
| NS degrees                         | 66° 38' 9.67" N                            |
| EW degrees                         | 7° 32' 21.38" E                            |
| NS UTM [m]                         | 7391750.71                                 |
| EW UTM [m]                         | 435359.29                                  |
| UTM zone                           | 32                                         |
| NPDID wellbore                     | 1064                                       |



## Wellbore history

### General

Well 6607/5-1 was designed to test the reservoir potential in the Amundsen prospect on a tilted fault block at the crest of the Bodø High. Middle to Lower shallow marine sandstones of the Båt and Fangst Groups were the primary objectives. The main source rock interval was expected to be the Spekk Formation "hot shale". In addition the Åre Formation was expected to have source rock potential.

Cretaceous and Tertiary claystones/shales were prognosed to provide the main top seal on the underlying sandstones. Possible absence of the Middle-Lower Jurassic reservoir was considered the major risk for the Amundsen prospect. Adequacy of source was considered a second major risk. TD was prognosed to 3800 m.

### Operations and results

Wildcat well 6607/5-1 was spudded by SDS Drilling semi-submersible installation "Vinni" 9 June 1987, and completed 11 September 1987 at a depth of 3817 in the Late Cretaceous Lange Formation. Drilling proceeded without significant problems. The well was drilled with bentonite mud to 915 m and with water based KCl mud from 915 m to TD.

The primary objects were not penetrated, as the reflectors interpreted as Jurassic, turned out to be of Cretaceous age. Shallow gas was encountered within Pleistocene sediments over the interval 966 m - 1040 m, which correlates well with a strong seismic anomaly which was picked predrill at 977 m. Late Cretaceous rocks were encountered at 2512 m, underlying 2117 meters of Cenozoic clay stones and siltstones. The Late Cretaceous (Basal Maastrichtian-Late Cenomanian) sediments (1305 m) consist predominantly of very fine clastics (clays, claystones, shales and siltstones). Minor fluorescence and cut were observed in intervals below 3385 m in silty, sandy claystones of Late Cenomanian-Turonian to Turonian-Santonian age. No significant reservoir intervals were penetrated. A few meters of net sand were seen in thin sand beds of Campanian-Santonian age. In addition, weak hydrocarbon shows were encountered in the Cretaceous sandstones at 3410m and 3550 m. However, interpretation of data from electrical logs revealed that all these porouse intervals were water saturated. Two cores were cut in the Shetland Group. The well was plugged and abandoned as a dry well.

### Testing

No drill stem test was performed.

## Cuttings at the Norwegian Offshore Directorate

| Cutting sample, top depth [m] | Cutting samples, bottom depth [m] |
|-------------------------------|-----------------------------------|
| 920.00                        | 3816.00                           |

|                                  |     |
|----------------------------------|-----|
| Cuttings available for sampling? | YES |
|----------------------------------|-----|

## Cores at the Norwegian Offshore Directorate



| Core sample number | Core sample - top depth | Core sample - bottom depth | Core sample depth - uom |
|--------------------|-------------------------|----------------------------|-------------------------|
| 1                  | 2975.0                  | 2982.7                     | [m ]                    |
| 2                  | 3405.7                  | 3422.5                     | [m ]                    |

|                               |      |
|-------------------------------|------|
| Total core sample length [m]  | 24.5 |
| Cores available for sampling? | YES  |

### Core photos



2875-2919m



2980-2982m



3405-3409m



3410-3414m



3415-3419m



3420-3422m

### Palynological slides at the Norwegian Offshore Directorate

| Sample depth | Depth unit | Sample type | Laboratory |
|--------------|------------|-------------|------------|
| 2010.0       | [m]        | DC          | RRI        |
| 2030.0       | [m]        | DC          | RRI        |
| 2050.0       | [m]        | DC          | RRI        |
| 2070.0       | [m]        | DC          | RRI        |
| 2090.0       | [m]        | DC          | RRI        |
| 2106.0       | [m]        | DC          | RRI        |
| 2115.0       | [m]        | SWC         | RRI        |
| 2130.0       | [m]        | DC          | RRI        |
| 2148.0       | [m]        | DC          | RRI        |
| 2172.0       | [m]        | DC          | RRI        |
| 2190.0       | [m]        | DC          | RRI        |
| 2208.0       | [m]        | DC          | RRI        |
| 2232.0       | [m]        | DC          | RRI        |



|            |     |      |
|------------|-----|------|
| 2250.0 [m] | DC  | RRI  |
| 2268.0 [m] | DC  | RRI  |
| 2292.0 [m] | DC  | RRI  |
| 2310.0 [m] | DC  | RRI  |
| 2331.0 [m] | DC  | RRI  |
| 2352.0 [m] | DC  |      |
| 2373.0 [m] | DC  | RRI  |
| 2375.0 [m] | SWC | RRI  |
| 2391.0 [m] | DC  | RRI  |
| 2397.0 [m] | DC  |      |
| 2400.0 [m] | DC  | OD   |
| 2415.0 [m] | DC  | RRI  |
| 2424.0 [m] | DC  | RRI  |
| 2424.0 [m] | DC  | OD   |
| 2424.0 [m] | DC  |      |
| 2425.0 [m] | SWC | RRI  |
| 2430.0 [m] | DC  | OD   |
| 2442.0 [m] | DC  | OD   |
| 2448.0 [m] | DC  | OD   |
| 2448.0 [m] | DC  |      |
| 2457.0 [m] | DC  | RRI  |
| 2460.0 [m] | DC  | OD   |
| 2460.0 [m] | DC  |      |
| 2466.0 [m] | DC  | RRI  |
| 2472.0 [m] | DC  | OD   |
| 2475.0 [m] | DC  |      |
| 2481.0 [m] | DC  | OD   |
| 2490.0 [m] | DC  | OD   |
| 2490.0 [m] | DC  | SAGA |
| 2490.0 [m] | DC  | RRI  |
| 2490.0 [m] | DC  |      |
| 2494.0 [m] | SWC | RRI  |
| 2496.0 [m] | DC  |      |
| 2499.0 [m] | DC  | SAGA |
| 2502.0 [m] | DC  | OD   |
| 2502.0 [m] | DC  |      |
| 2505.0 [m] | DC  |      |
| 2507.0 [m] | SWC | RRI  |
| 2508.0 [m] | DC  | RRI  |
| 2508.0 [m] | DC  | OD   |



|        |     |     |       |
|--------|-----|-----|-------|
| 2508.0 | [m] | DC  | HYDRO |
| 2508.0 | [m] | DC  |       |
| 2514.0 | [m] | DC  |       |
| 2514.0 | [m] | DC  | SAGA  |
| 2520.0 | [m] | DC  |       |
| 2520.0 | [m] | DC  |       |
| 2526.0 | [m] | DC  | SAGA  |
| 2526.0 | [m] | DC  | OD    |
| 2532.0 | [m] | DC  | OD    |
| 2532.0 | [m] | DC  | RRI   |
| 2535.0 | [m] | SWC | RRI   |
| 2541.0 | [m] | DC  | SAGA  |
| 2541.0 | [m] | DC  | OD    |
| 2541.0 | [m] | DC  |       |
| 2550.0 | [m] | DC  |       |
| 2550.0 | [m] | DC  | OD    |
| 2550.0 | [m] | DC  | RRI   |
| 2555.0 | [m] | SWC | RRI   |
| 2571.0 | [m] | DC  | RRI   |
| 2571.0 | [m] | DC  | SAGA  |
| 2586.0 | [m] | DC  |       |
| 2589.0 | [m] | DC  | SAGA  |
| 2589.0 | [m] | DC  | RRI   |
| 2597.0 | [m] | DC  |       |
| 2601.0 | [m] | DC  |       |
| 2606.0 | [m] | SWC | RRI   |
| 2610.0 | [m] | DC  | RRI   |
| 2631.0 | [m] | DC  | RRI   |
| 2631.0 | [m] | DC  | SAGA  |
| 2640.0 | [m] | DC  |       |
| 2643.0 | [m] | DC  |       |
| 2649.0 | [m] | DC  | RRI   |
| 2649.0 | [m] | DC  | SAGA  |
| 2670.0 | [m] | DC  | RRI   |
| 2670.0 | [m] | DC  | SAGA  |
| 2679.0 | [m] | DC  |       |
| 2691.0 | [m] | DC  | SAGA  |
| 2691.0 | [m] | DC  | RRI   |
| 2694.0 | [m] | DC  |       |
| 2709.0 | [m] | DC  | RRI   |



|            |     |       |
|------------|-----|-------|
| 2721.0 [m] | DC  |       |
| 2730.0 [m] | DC  | RRI   |
| 2742.0 [m] | DC  |       |
| 2748.0 [m] | DC  |       |
| 2751.0 [m] | DC  | RRI   |
| 2754.0 [m] | DC  |       |
| 2766.0 [m] | DC  |       |
| 2769.0 [m] | DC  |       |
| 2769.0 [m] | DC  | RRI   |
| 2769.0 [m] | DC  | SAGA  |
| 2775.0 [m] | DC  |       |
| 2787.0 [m] | DC  |       |
| 2790.0 [m] | DC  | SAGA  |
| 2790.0 [m] | DC  | RRI   |
| 2796.0 [m] | DC  |       |
| 2805.0 [m] | DC  |       |
| 2811.0 [m] | DC  | RRI   |
| 2823.0 [m] | DC  |       |
| 2829.0 [m] | DC  | HYDRO |
| 2829.0 [m] | DC  | SAGA  |
| 2832.0 [m] | DC  |       |
| 2841.0 [m] | DC  |       |
| 2850.0 [m] | DC  |       |
| 2850.0 [m] | DC  | RRI   |
| 2850.0 [m] | DC  | SAGA  |
| 2860.0 [m] | DC  |       |
| 2871.0 [m] | DC  |       |
| 2871.0 [m] | DC  | SAGA  |
| 2871.0 [m] | DC  | RRI   |
| 2883.0 [m] | DC  |       |
| 2889.0 [m] | DC  | RRI   |
| 2889.0 [m] | DC  | SAGA  |
| 2892.0 [m] | DC  |       |
| 2895.0 [m] | DC  |       |
| 2897.0 [m] | DC  |       |
| 2898.0 [m] | SWC | RRI   |
| 2910.0 [m] | DC  | RRI   |
| 2910.0 [m] | DC  | SAGA  |
| 2910.0 [m] | DC  |       |
| 2919.0 [m] | SWC | RRI   |



|            |     |      |
|------------|-----|------|
| 2925.0 [m] | DC  |      |
| 2931.0 [m] | DC  | RRI  |
| 2931.0 [m] | DC  | SAGA |
| 2934.0 [m] | DC  |      |
| 2937.0 [m] | SWC | RRI  |
| 2946.0 [m] | DC  |      |
| 2949.0 [m] | DC  |      |
| 2949.0 [m] | DC  | RRI  |
| 2949.0 [m] | DC  | SAGA |
| 2952.0 [m] | DC  |      |
| 2955.0 [m] | DC  |      |
| 2958.0 [m] | DC  |      |
| 2958.0 [m] | SWC | RRI  |
| 2961.0 [m] | DC  |      |
| 2964.0 [m] | DC  | SAGA |
| 2965.0 [m] | DC  |      |
| 2967.0 [m] | DC  |      |
| 2967.0 [m] | DC  |      |
| 2967.0 [m] | SWC | RRI  |
| 2970.0 [m] | DC  | RRI  |
| 2975.0 [m] | DC  |      |
| 2976.2 [m] | C   | SAGA |
| 2976.8 [m] | C   | SPT  |
| 2977.5 [m] | C   | SAGA |
| 2981.5 [m] | C   | SPT  |
| 2982.7 [m] | C   | RRI  |
| 2982.9 [m] | C   |      |
| 2990.5 [m] | SWC | RRI  |
| 2991.0 [m] | DC  | RRI  |
| 2994.0 [m] | DC  | SAGA |
| 2998.2 [m] | SWC | RRI  |
| 3000.0 [m] | DC  |      |
| 3004.0 [m] | SWC | RRI  |
| 3009.0 [m] | DC  | RRI  |
| 3016.5 [m] | SWC | RRI  |
| 3018.6 [m] | SWC | RRI  |
| 3029.0 [m] | SWC | RRI  |
| 3030.0 [m] | DC  | RRI  |
| 3036.0 [m] | DC  |      |
| 3039.0 [m] | DC  | SAGA |



|        |     |     |      |
|--------|-----|-----|------|
| 3044.0 | [m] | SWC | RRI  |
| 3057.0 | [m] | DC  | SAGA |
| 3057.0 | [m] | DC  |      |
| 3066.0 | [m] | DC  | SAGA |
| 3075.0 | [m] | DC  |      |
| 3079.0 | [m] | SWC | RRI  |
| 3084.0 | [m] | DC  | SAGA |
| 3087.0 | [m] | DC  |      |
| 3093.0 | [m] | DC  |      |
| 3102.0 | [m] | DC  |      |
| 3105.0 | [m] | DC  |      |
| 3110.0 | [m] | SWC | RRI  |
| 3125.0 | [m] | SWC | RRI  |
| 3131.0 | [m] | SWC | RRI  |
| 3138.0 | [m] | DC  | SAGA |
| 3141.0 | [m] | DC  |      |
| 3149.0 | [m] | SWC | RRI  |
| 3155.0 | [m] | SWC | RRI  |
| 3156.0 | [m] | DC  |      |
| 3163.0 | [m] | SWC | RRI  |
| 3167.0 | [m] | SWC | RRI  |
| 3168.0 | [m] | DC  |      |
| 3177.0 | [m] | DC  |      |
| 3183.0 | [m] | DC  | SAGA |
| 3192.0 | [m] | DC  | SAGA |
| 3198.0 | [m] | DC  |      |
| 3201.0 | [m] | DC  | SAGA |
| 3219.0 | [m] | DC  |      |
| 3219.0 | [m] | DC  |      |
| 3222.5 | [m] | C   | SPT  |
| 3240.0 | [m] | DC  | SAGA |
| 3240.0 | [m] | DC  |      |
| 3254.5 | [m] | SWC | RRI  |
| 3260.0 | [m] | DC  | SAGA |
| 3261.0 | [m] | DC  |      |
| 3270.0 | [m] | DC  |      |
| 3279.0 | [m] | DC  | SAGA |
| 3282.0 | [m] | DC  |      |
| 3291.0 | [m] | DC  | RRI  |
| 3297.0 | [m] | DC  |      |



|            |     |      |
|------------|-----|------|
| 3309.0 [m] | DC  | RRI  |
| 3309.0 [m] | DC  | SAGA |
| 3312.0 [m] | DC  |      |
| 3318.0 [m] | DC  | SAGA |
| 3324.0 [m] | DC  |      |
| 3327.0 [m] | DC  | SAGA |
| 3330.0 [m] | DC  | RRI  |
| 3336.0 [m] | DC  | SAGA |
| 3336.0 [m] | DC  |      |
| 3345.0 [m] | DC  | SAGA |
| 3351.0 [m] | DC  | RRI  |
| 3351.0 [m] | DC  |      |
| 3363.0 [m] | DC  | SAGA |
| 3369.0 [m] | DC  | RRI  |
| 3372.0 [m] | DC  | SAGA |
| 3378.0 [m] | DC  |      |
| 3381.0 [m] | DC  | SAGA |
| 3387.0 [m] | SWC | RRI  |
| 3390.0 [m] | DC  | RRI  |
| 3390.0 [m] | DC  |      |
| 3393.0 [m] | DC  |      |
| 3399.0 [m] | DC  | SAGA |
| 3405.0 [m] | DC  | RRI  |
| 3405.0 [m] | DC  |      |
| 3405.2 [m] | C   | SPT  |
| 3405.2 [m] | C   | SAGA |
| 3406.2 [m] | C   |      |
| 3407.3 [m] | C   | SAGA |
| 3410.8 [m] | C   | RRI  |
| 3411.4 [m] | C   | RRI  |
| 3411.5 [m] | C   | SAGA |
| 3414.6 [m] | C   | SPT  |
| 3416.7 [m] | C   | RRI  |
| 3419.0 [m] | C   | SAGA |
| 3420.1 [m] | C   | RRI  |
| 3420.6 [m] | C   |      |
| 3422.2 [m] | C   |      |
| 3422.5 [m] | C   | SAGA |
| 3423.2 [m] | C   | RRI  |
| 3426.0 [m] | DC  | RRI  |



|            |     |      |
|------------|-----|------|
| 3435.0 [m] | DC  | SAGA |
| 3440.0 [m] | DC  |      |
| 3444.0 [m] | DC  | SAGA |
| 3450.0 [m] | DC  | RRI  |
| 3452.0 [m] | DC  |      |
| 3464.0 [m] | DC  |      |
| 3470.0 [m] | DC  |      |
| 3471.0 [m] | DC  | RRI  |
| 3480.0 [m] | DC  | SAGA |
| 3480.0 [m] | DC  |      |
| 3489.0 [m] | DC  |      |
| 3489.0 [m] | DC  | RRI  |
| 3489.0 [m] | DC  | SAGA |
| 3498.0 [m] | DC  |      |
| 3507.0 [m] | DC  | SAGA |
| 3510.0 [m] | DC  | RRI  |
| 3510.0 [m] | DC  |      |
| 3516.0 [m] | DC  | SAGA |
| 3522.0 [m] | DC  |      |
| 3525.0 [m] | DC  | SAGA |
| 3531.0 [m] | DC  |      |
| 3540.0 [m] | DC  |      |
| 3543.0 [m] | DC  | SAGA |
| 3552.0 [m] | DC  | SAGA |
| 3552.0 [m] | DC  |      |
| 3561.0 [m] | DC  |      |
| 3561.0 [m] | DC  | SAGA |
| 3570.0 [m] | DC  | SAGA |
| 3570.0 [m] | DC  |      |
| 3582.0 [m] | DC  |      |
| 3588.0 [m] | DC  | SAGA |
| 3591.0 [m] | DC  |      |
| 3597.0 [m] | DC  | SAGA |
| 3600.0 [m] | DC  |      |
| 3609.0 [m] | DC  |      |
| 3615.0 [m] | DC  |      |
| 3615.0 [m] | DC  | SAGA |
| 3621.0 [m] | DC  |      |
| 3624.0 [m] | DC  | SAGA |
| 3630.0 [m] | SWC | RRI  |



|            |     |      |
|------------|-----|------|
| 3630.0 [m] | DC  |      |
| 3642.0 [m] | DC  |      |
| 3642.0 [m] | DC  | SAGA |
| 3651.0 [m] | DC  |      |
| 3655.0 [m] | SWC | RRI  |
| 3660.0 [m] | DC  | SAGA |
| 3660.0 [m] | DC  |      |
| 3669.0 [m] | DC  |      |
| 3670.0 [m] | SWC | RRI  |
| 3678.0 [m] | DC  | SAGA |
| 3681.0 [m] | DC  |      |
| 3689.0 [m] | SWC | RRI  |
| 3693.0 [m] | DC  |      |
| 3696.0 [m] | DC  | SAGA |
| 3702.0 [m] | DC  |      |
| 3711.0 [m] | DC  |      |
| 3714.0 [m] | DC  | SAGA |
| 3720.0 [m] | DC  |      |
| 3723.0 [m] | DC  | SAGA |
| 3731.0 [m] | SWC | RRI  |
| 3732.0 [m] | DC  |      |
| 3741.0 [m] | DC  |      |
| 3741.0 [m] | DC  | SAGA |
| 3747.0 [m] | DC  |      |
| 3750.0 [m] | DC  | SAGA |
| 3754.0 [m] | SWC | RRI  |
| 3756.0 [m] | DC  |      |
| 3756.0 [m] | DC  |      |
| 3762.0 [m] | DC  |      |
| 3768.0 [m] | DC  |      |
| 3768.0 [m] | DC  | SAGA |
| 3777.0 [m] | DC  | SAGA |
| 3780.0 [m] | DC  |      |
| 3782.5 [m] | SWC |      |
| 3782.5 [m] | SWC | RRI  |
| 3792.0 [m] | DC  |      |
| 3795.0 [m] | DC  | SAGA |
| 3801.0 [m] | DC  |      |
| 3804.0 [m] | DC  |      |
| 3813.0 [m] | DC  | SAGA |



|        |     |    |  |
|--------|-----|----|--|
| 3815.0 | [m] | DC |  |
| 3816.0 | [m] | DC |  |

### Lithostratigraphy

| Top depth<br>[mMD RKB] | Lithostrat. unit                |
|------------------------|---------------------------------|
| 395                    | <a href="#">NORDLAND GP</a>     |
| 395                    | <a href="#">NAUST FM</a>        |
| 2022                   | <a href="#">KAI FM</a>          |
| 2450                   | <a href="#">ROGALAND GP</a>     |
| 2450                   | <a href="#">TARE FM</a>         |
| 2512                   | <a href="#">SHETLAND GP</a>     |
| 2512                   | <a href="#">NISE FM</a>         |
| 2968                   | <a href="#">CROMER KNOLL GP</a> |
| 2968                   | <a href="#">LYSING FM</a>       |
| 3026                   | <a href="#">LANGE FM</a>        |

### Composite logs

| Document name        | Document format | Document size<br>[MB] |
|----------------------|-----------------|-----------------------|
| <a href="#">1064</a> | pdf             | 0.63                  |

### Geochemical information

| Document name          | Document format | Document size<br>[MB] |
|------------------------|-----------------|-----------------------|
| <a href="#">1064_1</a> | pdf             | 1.70                  |
| <a href="#">1064_2</a> | pdf             | 1.57                  |
| <a href="#">1064_3</a> | pdf             | 1.07                  |

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

| Document name                                    | Document format | Document size<br>[MB] |
|--------------------------------------------------|-----------------|-----------------------|
| <a href="#">1064_01_WDSS_General_Information</a> | pdf             | 0.39                  |
| <a href="#">1064_02_WDSS_completion_log</a>      | pdf             | 0.28                  |



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

| Document name                                           | Document format | Document size [MB] |
|---------------------------------------------------------|-----------------|--------------------|
| <a href="#">1064 6607 5 1 COMPLETION REPORT AND LOG</a> | pdf             | 38.20              |

**Logs**

| Log type              | Log top depth [m] | Log bottom depth [m] |
|-----------------------|-------------------|----------------------|
| CDL CNL CAL GR        | 2085              | 2896                 |
| DIFL LS ACL SP CAL GR | 392               | 3807                 |
| FMT                   | 2975              | 3394                 |
| HR 4-DIP              | 2882              | 3809                 |
| MWD                   | 395               | 1588                 |
| SWC                   | 1020              | 2882                 |
| SWC                   | 2115              | 3805                 |
| VSP                   | 715               | 3800                 |

**Casing and leak-off tests**

| Casing type | Casing diam. [inch] | Casing depth [m] | Hole diam. [inch] | Hole depth [m] | LOT/FIT mud eqv. [g/cm3] | Formation test type |
|-------------|---------------------|------------------|-------------------|----------------|--------------------------|---------------------|
| CONDUCTOR   | 30                  | 440.7            | 36                | 915.0          | 0.00                     | LOT                 |
| SURF.COND.  | 20                  | 907.0            | 26                | 918.0          | 1.46                     | LOT                 |
| INTERM.     | 13 3/8              | 2086.0           | 17 1/2            | 2096.0         | 1.85                     | LOT                 |
| INTERM.     | 9 5/8               | 2886.0           | 12 1/4            | 2897.0         | 2.06                     | LOT                 |
| OPEN HOLE   |                     | 3817.0           | 8 1/2             | 3917.0         | 0.00                     | LOT                 |

**Drilling mud**

| Depth MD [m] | Mud weight [g/cm3] | Visc. [mPa.s] | Yield point [Pa] | Mud type    | Date measured |
|--------------|--------------------|---------------|------------------|-------------|---------------|
| 600          | 1.03               |               |                  | WATER BASED |               |
| 906          | 1.34               | 17.0          |                  | WATER BASED |               |
| 915          | 1.03               |               |                  | WATER BASED |               |
| 1035         | 1.37               | 23.0          |                  | WATER BASED |               |
| 1060         | 1.14               | 16.0          |                  | WATER BASED |               |





|      |      |      |  |             |  |
|------|------|------|--|-------------|--|
| 1313 | 1.37 | 22.0 |  | WATER BASED |  |
| 1400 | 1.66 |      |  | WATER BASED |  |
| 1493 | 1.18 | 19.0 |  | WATER BASED |  |
| 1534 | 1.37 | 20.0 |  | WATER BASED |  |
| 1579 | 1.22 | 18.0 |  | WATER BASED |  |
| 1588 | 1.24 | 18.0 |  | WATER BASED |  |
| 1617 | 1.37 | 9.0  |  | WATER BASED |  |
| 1739 | 1.25 | 19.0 |  | WATER BASED |  |
| 1752 | 1.37 | 19.0 |  | WATER BASED |  |
| 1817 | 1.25 | 18.0 |  | WATER BASED |  |
| 1942 | 1.37 | 10.0 |  | WATER BASED |  |
| 1948 | 1.27 | 18.0 |  | WATER BASED |  |
| 1951 | 1.37 | 21.0 |  | WATER BASED |  |
| 1961 | 1.37 | 21.0 |  | WATER BASED |  |
| 2058 | 1.37 | 19.0 |  | WATER BASED |  |
| 2080 | 1.61 | 24.0 |  | WATER BASED |  |
| 2085 | 1.37 | 21.0 |  | WATER BASED |  |
| 2100 | 1.37 | 19.0 |  | WATER BASED |  |
| 2258 | 1.37 | 20.0 |  | WATER BASED |  |
| 2259 | 1.61 | 24.0 |  | WATER BASED |  |
| 2330 | 1.58 | 24.0 |  | WATER BASED |  |
| 2340 | 1.61 | 23.0 |  | WATER BASED |  |
| 2500 | 1.56 | 23.0 |  | WATER BASED |  |
| 2502 | 1.61 | 23.0 |  | WATER BASED |  |
| 2540 | 1.66 | 26.0 |  | WATER BASED |  |
| 2597 | 1.56 | 22.0 |  | WATER BASED |  |
| 2609 | 1.61 | 27.0 |  | WATER BASED |  |
| 2634 | 1.73 | 31.0 |  | WATER BASED |  |
| 2654 | 1.73 | 32.0 |  | WATER BASED |  |
| 2702 | 1.61 | 23.0 |  | WATER BASED |  |
| 2717 | 1.73 | 29.0 |  | WATER BASED |  |
| 2770 | 1.79 | 29.0 |  | WATER BASED |  |
| 2787 | 1.79 | 14.0 |  | WATER BASED |  |
| 2803 | 1.79 | 14.0 |  | WATER BASED |  |
| 2812 | 1.79 | 29.0 |  | WATER BASED |  |
| 2871 | 1.79 | 28.0 |  | WATER BASED |  |
| 2896 | 1.79 | 29.0 |  | WATER BASED |  |
| 2896 | 1.79 | 27.0 |  | WATER BASED |  |
| 2975 | 1.73 | 24.0 |  | WATER BASED |  |
| 2983 | 1.73 | 27.0 |  | WATER BASED |  |



|      |      |      |  |             |  |
|------|------|------|--|-------------|--|
| 3120 | 1.73 | 25.0 |  | WATER BASED |  |
| 3244 | 1.73 | 25.0 |  | WATER BASED |  |
| 3289 | 1.73 | 25.0 |  | WATER BASED |  |
| 3387 | 1.73 | 22.0 |  | WATER BASED |  |
| 3405 | 1.76 | 20.0 |  | WATER BASED |  |
| 3467 | 1.76 | 18.0 |  | WATER BASED |  |
| 3537 | 1.76 | 18.0 |  | WATER BASED |  |
| 3626 | 1.76 | 19.0 |  | WATER BASED |  |
| 3693 | 1.76 | 18.0 |  | WATER BASED |  |
| 3770 | 1.76 | 16.0 |  | WATER BASED |  |
| 3816 | 1.76 | 14.0 |  | WATER BASED |  |
| 3817 | 1.78 | 14.0 |  | WATER BASED |  |

### Pressure plots

The pore pressure data is sourced from well logs if no other source is specified. In some wells where pore pressure logs do not exist, information from Drill stem tests and kicks have been used. The data has been reported to the NPD, and further processed and quality controlled by IHS Markit.

| Document name                                             | Document format | Document size [MB] |
|-----------------------------------------------------------|-----------------|--------------------|
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