

Summary report

Wellbore: 15/9-F-15

Period: 2008-11-26 00:00 - 2008-11-27 00:00

| | |
|--------------------------|------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:52 |
| Report number: | 53 |
| Days Ahead/Behind (+/-): | 13.7 |
| Operator: | StatoilHydro |
| Rig Name: | MÆRSK INSPIRER |
| Drilling contractor: | Maersk Drilling |
| Spud Date: | 2008-10-24 00:00 |
| Wellbore type: | |
| Elevation RKB-MSL (m): | 54.9 |
| Water depth MSL (m): | 91 |
| Tight well: | Y |
| HPHT: | Y |
| Temperature (): | |
| Pressure (): | |
| Date Well Complete: | 2008-12-11 |

| | |
|-----------------------------|--------------------------|
| Dist Drilled (m): | 164 |
| Penetration rate (m/h): | -999.99 |
| Hole Dia (in): | 8.5 |
| Pressure Test Type: | formation integrity test |
| Formation strength (g/cm3): | 1.5 |
| Dia Last Casing (): | |

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 3834 |
| Depth mTVD: | 3003 |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 1381 |
| Depth At Formation Strength mTVD: | 1349 |
| Depth At Last Casing mMD: | 2534 |
| Depth At Last Casing mTVD: | 2348.8 |

Summary of activities (24 Hours)

Drilled 8½" hole from 3682.5 m to 3889m.

Summary of planned activities (24 Hours)

Continued to drill 8½" hole to 4080m.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|--------------------------------------|-------|--|
| 00:00 | 01:45 | 3660 | drilling -- circulating conditioning | ok | Continued staging up pumps 1300 - 1700 lpm and RPM 30-120, for drilling parameters. Observed loss rate. LCM pill still coming over shakers. Max ECD 1.40 sg EMW. Time Actual loss m³ Loss m³/hour 00.00-00.15 0.16 0.64 00.15-00.30 0.15 0.6 00.30-00.45 1.04 4.16 00.45-01.00 0.68 2.52 01.00-01.15 0.2 0.8 01.15-01.30 0.15 0.6 01.30-01.45 0.74 2.96 |
| 01:45 | 02:00 | 3662 | drilling -- survey | ok | Took survey and connection, 6.8 m³ flow back observed over connection. |
| 02:00 | 03:00 | 3670 | drilling -- drill | ok | Logged as RIH, 1485 l/m, 20 ROP, 60rpm from 3662m to 3670m. ECD 1.39 sg EMW. |
| 03:00 | 06:00 | 3682.5 | drilling -- drill | ok | Started drilling and brake in new bit. Drilled 8 1/2" hole from 3670 m to 3682.5m. Flow 1700 lpm / SPP 145-150 bars / String RPM 80-160 // TQ 12-20 kNm / WOB 4-11 MT / ECD 1.38-1.42 EMW / ROP 3-10 m/hr. MUD weight 1.32 SG. Averaged losses 2.6 m³/hour. |
| 06:00 | 11:15 | 3734 | drilling -- drill | ok | Continued drilling 8½" hole from 3682.5 m to 3734 m. Flow 1700 lpm / SPP 150 bars / String RPM 160 / TQ 16-22 kNm / WOB 5-9 MT / ECD 1.42-1.43 EMW / ROP 10-20 m/hr. MUD weight 1.32 SG. Losses 2-3 m³/hr |
| 11:15 | 12:15 | 3734 | drilling -- circulating conditioning | ok | Pulled off bottom and circulated to clean hole, due to increasing trend in losses, loss rate increased to approx. 6 m³/hr. ECD 1.43 SG EMW. Meanwhile discussed further plan with onshore organisation. |
| 12:15 | 19:00 | 3785 | drilling -- drill | ok | Continued drilling 8½" hole from 3734 m to 3785 m. Flow 1700 lpm / SPP 155 bars / String RPM 180 / TQ 16-22 kNm / WOB 5-9 MT / ECD 1.42 EMW. MUD weight 1.32 SG. Controlled ROP at 10 m/hr. Connection at 13:30, 3743 m, 9.3 m³ returns over connection period. 1.14 m³/min. Connection at 18:00, 3785 m, 7.9 m³ returns over connection period. 1.69 m³/min. Average losses 1.4 m³/hr |
| 19:00 | 00:00 | 3834 | drilling -- drill | ok | Continued drilling 8½" hole from 3734 m to 3834 m. Flow 1700 lpm / SPP 155 bars / String RPM 180 / TQ 16-19 kNm / WOB 1-4 MT / ECD 1.42 EMW. MUD weight 1.32 SG. Controlled ROP at 10 m/hr. Up weight 171 MT / Down weight 121 MT / Free rotational weight 137 MT. Connection at 22:15, 3823 m, 13.5 m³ returns over connection period. 1.32 m³/min. Average losses 1.4 m³/hr |