# Summary report

**Wellbore: 15/9-F-12** **Period: 2007-07-04 00:00 - 2007-07-05 00:00**

| | |
|---|---|
| **Status:** | normal |
| **Report creation time:** | 2018-05-03 13:51 |
| **Report number:** | 22 |
| **Days Ahead/Behind (+/-):** | |
| **Operator:** | Statoil |
| **Rig Name:** | MÆRSK INSPIRER |
| **Drilling contractor:** | Mærsk Contractors |
| **Spud Date:** | 2007-03-15 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:** | 2007-08-26 |

| | |
|---|---|
| **Dist Drilled (m):** | -999.99 |
| **Penetration rate (m/h):** | -999.99 |
| **Hole Dia (in):** | 8.5 |
| **Pressure Test Type:** | formation integrity test |
| **Formation strength (g/cm3):** | 1.2 |
| **Dia Last Casing ():** | |

| | |
|---|---|
| **Depth at Kick Off mMD:** | |
| **Depth at Kick Off mTVD:** | |
| **Depth mMd:** | 1353 |
| **Depth mTVD:** | 1353 |
| **Plug Back Depth mMD:** | |
| **Depth at formation strength mMD:** | 251 |
| **Depth At Formation Strength mTVD:** | 251 |
| **Depth At Last Casing mMD:** | 251 |
| **Depth At Last Casing mTVD:** | 251 |

## Summary of activities (24 Hours)

Cemented plug #2 from 1073 m to 800 m RKB. POOH with cement stinger to shoe at 251 m. Waiting on Siemens software downloading for process module. Cemented plug #3 from 794 m to 521 m RKB. Cemented plug #4 from 515 m to 249 m RKB.

## Summary of planned activities (24 Hours)

Drop two sponge balls and circulate 1.2 x hole volume with SW. POOH with cement stinger and RB 3 1/2" DP. Grind down damage on 30" conductor using ROV. Install CTS and removing 30" housing cement outlet ports using ROV. Slip and cut drill line. Change wash pipe. MU and RIH with 26" BHA.

## Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|---|---|---|---|---|---|
| 00:00 | 01:00 | 1350 | drilling -- casing | ok | Installed side entry sub and single. Installed Lo-torque valve on side entry sub. |
| 01:00 | 02:00 | 1352 | drilling -- casing | ok | PU stand and connected to TDS. Tagged bottom at 1353.5 m (1.5 m fill). PU 1 m to 1352 m. Displaced hole to seawater, 1500 lpm/32-67 bar pumping 100 m3 SW. Lined up to kill mud. |
| 02:00 | 03:00 | 1352 | drilling -- drill | ok | Flow checked well and observed for bubles at wellhead with ROV. Rotated string with 5 rpm and reciprocated slowly. Meanwhile tested cement lines to 200 bar/5 min and held cement tool-box meeting with new crew. No gas observed. |
| 03:00 | 06:00 | 1074 | drilling -- casing | ok | Cemented plug #1 from 1352 m to 1079 m RKB: Mixed and pumped, 800 lpm/30 bar, 12,0 m3 1.90 SG "G" cement slurry and displaced with 8.5 m3 seawater using rig pumps, 1500 lpm/ 3 bar, 50 rpm/1-2 kNm. POOH to 1074 m and dropped sponge ball and circulated 1.2 m3 hole volume with seawater, 2200 lpm/55 bar. PU to 1073 m. |
| 06:00 | 09:00 | 795 | drilling -- casing | ok | Cemented plug #2 from 1073 m to 800 m RKB: Mixed and pumped, 800 lpm/27 bar, 12,0 m3 1.90 SG "G" cement slurry and displaced with 5.5 m3 seawater using rig pumps, 1500 lpm / 3 bar, 50 rpm/1-2 kNm. POOH to 795 m and dropped sponge ball and circulated 1.2 m3 hole volume with seawater, 2200 lpm/55 bar. PU to 794 m. |
| 09:00 | 23:00 | 251 | drilling -- wait | ok | POOH with cement stinger to shoe at 251 m due to upcoming other activity on rig: Waited on Siemens software downloading for process module due to by-passed ESD systems. |
| 23:00 | 00:00 | 335 | drilling -- wait | ok | MU and RIH with 3 1/2" cement stinger. Had a few tight spots, observed with ROV. |

## Drilling Fluid

| **Sample Time** | 14:00 | 14:30 | 21:00 |
|---|---|---|---|
| **Sample Point** | Reserve pit | Reserve pit | Reserve pit |
| **Sample Depth mMD** | 1353 | 1353 | 1353 |
| **Fluid Type** | Spud Mud | Spud Mud | Spud Mud |
| **Fluid Density (g/cm3)** | 1.05 | 1.35 | 1.35 |
| **Funnel Visc (s)** | 200 | 120 | 124 |
| **Mf ()** | | | |
| **Pm ()** | | | |
| **Pm filtrate ()** | | | |
| **Chloride ()** | | | |
| **Calcium ()** | | | |
| **Magnesium ()** | | | |
| **Ph** | | | |
| **Excess Lime ()** | | | |
| **Solids** | | | |
| **Sand ()** | | | |
| **Water ()** | | | |
| **Oil ()** | | | |
| **Solids ()** | | | |
| **Corrected solids ()** | | | |
| **High gravity solids ()** | | | |
| **Low gravity solids ()** | | | |
| **Viscometer tests** | | | |
| **Plastic visc. (mPa.s)** | -999.99 | -999.99 | -999.99 |
| **Yield point (Pa)** | -999.99 | -999.99 | -999.99 |
| **Filtration tests** | | | |
| **Pm filtrate ()** | | | |
| **Filtrate Lthp ()** | | | |
| **Filtrate Hthp ()** | | | |
| **Cake thickn API ()** | | | |

| | | | |
|---|---|---|---|
| **Cake thickn HPHT ()** | | | |
| **Test Temp HPHT ()** | | | |
| **Comment** | | | |

## Pore Pressure

| Time | Depth mMD | Depth TVD | Equ Mud Weight (g/cm3) | Reading |
|---|---|---|---|---|
| 00:00 | 1353 | | 1.03 | estimated |