

Summary report

Wellbore: 15/9-F-11 B

Period: 2016-09-22 00:00 - 2016-09-23 00:00

| | |
|--------------------------|------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:51 |
| Report number: | 5 |
| Days Ahead/Behind (+/-): | .7 |
| Operator: | Statoil |
| Rig Name: | MÆRSK INSPIRER |
| Drilling contractor: | Maersk Drilling |
| Spud Date: | 2013-05-28 14:30 |
| Wellbore type: | |
| Elevation RKB-MSL (m): | 54.9 |
| Water depth MSL (m): | 91 |
| Tight well: | Y |
| HPHT: | Y |
| Temperature (I): | |
| Pressure (I): | |
| Date Well Complete: | 2013-06-12 |

| | |
|-----------------------------|--------------------------|
| Dist Drilled (m): | -999.99 |
| Penetration rate (m/h): | -999.99 |
| Hole Dia (I): | |
| Pressure Test Type: | formation integrity test |
| Formation strength (g/cm3): | 1.65 |
| Dia Last Casing (I): | |

| | |
|-----------------------------------|---------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMD: | -999.99 |
| Depth mTVD: | |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 3192 |
| Depth At Formation Strength mTVD: | 2780 |
| Depth At Last Casing mMD: | 4768.7 |
| Depth At Last Casing mTVD: | 3257 |

Summary of activities (24 Hours)

- Landed and engaged THRT
- Pumped open shallow set barrier plug
- Retrieved TH and 500m of tubing
- RIH w/ tubing, circulated well clean to sea water

Summary of planned activities (24 Hours)

- Place balanced cement plug in 9 5/8in casing
- Pull and L/D 600m of tubing
- RIH w/ tubing on spear and leave tubing in the well
- Retrieve MS-T seal assy

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|------------------------|-------|--|
| 00:00 | 00:15 | 0 | plug abandon -- other | ok | RIH and landed off THRT, engaged tool and confirmed w/ 2t overpull |
| 00:15 | 00:30 | 0 | plug abandon -- other | ok | Applied pressure to shear pin and then rotated string 8x turns CCW into communication collar |
| 00:30 | 00:45 | 0 | plug abandon -- other | ok | Performed Pre-job Meeting to pump open ME shallow set barrier plug |
| 00:45 | 01:15 | 0 | plug abandon -- other | ok | Dropped 2in steel ball in the well, installed swedge to Fig. 1502 connection, installed LTV and cement hose |
| 01:15 | 01:45 | 0 | plug abandon -- other | ok | Pressure tested cement hose and LTV to 20/345bar for 5/10 min. Confirmed line up |
| 01:45 | 02:00 | 0 | plug abandon -- other | ok | Checked annulus pressure at wellhead 10bar. Started to pressure up tubing w/ cement unit with constant rate. Observed pressure drop after reaching 28 bar indicating that plug opened. Stopped pumping, pressure in tubing stabilized at 13 bar. Annulus pressure at wellhead went up and stabilized to 13 bar. |
| 02:00 | 02:30 | 0 | plug abandon -- other | ok | Bled off tubing pressure above DHSV to zero and monitored for buildup, no build up observed. Applied 520bar to the control line to open DHSV. Pressured up well w/ cementing unit. Observed indications of equalizing and opening of DHSV both on cement unit and on pressure gauge on control fluid pump. Stopped pumping. Bled off well to zero pressure. Annulus pressure 2 bar. No indications of gas below DHSV/in the well observed. Confirmed zero pressure below DHSV. Closed DHSV |
| 02:30 | 03:00 | 3055 | plug abandon -- other | ok | RD swedge, LTV and cement hose. Meanwhile held TBT for pulling tubing hanger free |
| 03:00 | 03:15 | 3055 | plug abandon -- other | ok | Pressured upTHRT line to 2000psi and then bled down to 500 psi to release TH |
| 03:15 | 03:45 | 3055 | plug abandon -- other | ok | P/U to 166t , neutral weight, continued to P/U to 170t, TH released (5t overpull). Continued to POOH, observed +/- 20t drag, disconnected control hoses, RIH before start breaking and L/D landing string |
| 03:45 | 04:45 | 3034 | plug abandon -- other | ok | L/D landing string and THRT. Meanwhile held TBT for installing power slips and control line reel |
| 04:45 | 05:45 | 3034 | plug abandon -- other | ok | Installed power slips and positioned control line reel |
| 05:45 | 06:30 | 3002 | plug abandon -- other | ok | POOH w/ 7in tubing from 3034m 3002m |
| 06:30 | 07:00 | 3002 | interruption -- repair | ok | Repaired hydraulic hose for Flush mounted slips |
| 07:00 | 07:15 | 3002 | plug abandon -- other | ok | Performed Pre-job Meeting to pull tubing |
| 07:15 | 10:45 | 2833 | plug abandon -- other | ok | Continued pulling tubing from 3065m to 2833m. Average pulling speed 4,5 joints/hour |
| 10:45 | 11:00 | 2833 | plug abandon -- other | ok | Installed box protector on joint 239 w/ ME plug inside. Used crane to lay it out |
| 11:00 | 13:45 | 2608 | plug abandon -- other | ok | Continued pulling tubing from 2833m to 2608m. Average pulling speed 7 joints/hour |
| 13:45 | 14:30 | 2589 | plug abandon -- other | ok | Removed control line from DHSV, secured same on drum. L/D DHSV using crane. Observed back flow from well. Trip tank static. Waited for backflow to decrease |
| 14:30 | 15:15 | 2589 | plug abandon -- other | ok | M/U swedge to casing. Moved control line drum from drill floor |

| | | | | | |
|-------|-------|------|-----------------------------|----|---|
| 15:15 | 15:45 | 2589 | plug abandon -- other | ok | R/D casing tong. Installed clamp on pipe for control line |
| 15:45 | 16:00 | 2589 | plug abandon -- other | ok | Changed handling gear to RIH w/ 5,5in DP |
| 16:00 | 16:15 | 2589 | plug abandon -- other | ok | Cleaned and cleared rig floor |
| 16:15 | 17:15 | 2589 | interruption -- maintain | ok | Troubleshoot and changed linear transducer on Iron roughneck. Meanwhile built pump in tee and M/U pup joints in fox hole |
| 17:15 | 17:45 | 2549 | plug abandon -- cement plug | ok | Started RIH from 2589m. Adjusted clamp, M/U 1st stand |
| 17:45 | 18:15 | 2549 | plug abandon -- cement plug | ok | Removed casing slips and installed slips for DP |
| 18:15 | 20:30 | 3050 | plug abandon -- cement plug | ok | Continued RIH with back flow to 3050m. M/U TDS on all stands. Average RIH speed 215m/hour |
| 20:30 | 21:15 | 3050 | plug abandon -- cement plug | ok | Circulated SW w/ 3000 l/min - 155bar. Observed high reading of CO of 90ppm on portable gas sensors in shacker room. Returns OIW was over 100ppm, visually dirty |
| 21:15 | 22:30 | 3050 | plug abandon -- cement plug | ok | Stopped pumps, lined up to take returns to MGS, circulated w/ 1000l/min - 34bar. Confirmed zero gas readings |
| 22:30 | 23:30 | 3050 | plug abandon -- cement plug | ok | Opened BOP, resumed circulation w/ 3000 l/min - 155bar. Confirmed OIW content below 30ppm after total of 193m3 circulated |
| 23:30 | 23:45 | 3050 | plug abandon -- cement plug | ok | Pumped wash pill of 20m3, 3000 l/min - 150 bar |
| 23:45 | 00:00 | 3050 | plug abandon -- cement plug | ok | R/B stand, P/U single and pump in assembly |

Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class | Operation Downtime (min) | Equipment Repaired | Remark |
|------------|-----------|------------|---|--------------------------|--------------------|--|
| 00:00 | 2589 | | pipe handling equ syst -- drill floor tube handl syst | 0 | 00:00 | Troubleshoot and changed linear transducer on Iron roughneck |