

Summary report

Wellbore: 15/9-F-15

Period: 2008-11-23 00:00 - 2008-11-24 00:00

| | |
|--------------------------|------------------|
| | |
| Status: | normal |
| Report creation time: | 2018-05-03 13:52 |
| Report number: | 50 |
| Days Ahead/Behind (+/-): | |
| 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 (I): | |
| Pressure (I): | |
| Date Well Complete: | 2008-12-11 |

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|-----------------------------|--------------------------|
| | |
| 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): | 1.5 |
| Dia Last Casing (I): | |

| | |
|-----------------------------------|--------|
| | |
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 3670 |
| Depth mTVD: | 2910 |
| 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)

Changed out the wash pipe. Serviced TDS. Continued RIH with 8½", BHA logged down from 3581m to 3660m. Circulate and conditioned mud.

Summary of planned activities (24 Hours)

Establish circulation. Drill to core point.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|--------------------------------------|-------|--|
| 00:00 | 01:30 | 992 | drilling -- survey | ok | Staged up pumps until communications with MWD tool was established, required 2 mud pumps, 1730 l/m. |
| 01:30 | 03:30 | 1980 | drilling -- drill | ok | Continued to RIH with 8½" BHA on 5" DP from 992m to 1980m. Filling the DP every 10 std. |
| 03:30 | 04:00 | 1980 | drilling -- drill | ok | Held tool box talk and installed x-over to 5½". Filling the DP. Changed inserts in elevators and PS21. |
| 04:00 | 05:30 | 2534 | drilling -- drill | ok | Continued to RIH with 8½" BHA on 5½" DP from 1890m to 2534 m. Filling the DP every 10 std. |
| 05:30 | 06:00 | 2534 | drilling -- other | ok | Changed out PS21 slips to master bushing. Prepared for changing out the wash pipe. |
| 06:00 | 07:00 | 2532 | interruption -- maintain | ok | Trouble shoot problem to activate permit, SAP system down. |
| 07:00 | 09:00 | 2532 | interruption -- maintain | ok | Started changing out wash pipe. |
| 09:00 | 09:45 | 2532 | interruption -- maintain | ok | Continued to change out wash pipe. |
| 09:45 | 12:00 | 2532 | drilling -- drill | ok | Removed TIW valve. Made up to TDS, broke circulation and circulated bottoms up at shoe. Staged up pump rate in 10 spm increments, while monitoring for losses. Meanwhile made up TIW & grey valves & rigged up for pressure testing. Stopped rotation, serviced AFT PRS, TDS and travelling block. |
| 12:00 | 12:30 | 2532 | drilling -- drill | ok | Continued to circulate with flow rate at 1600l/m , while servicing the TDS & travelling block. |
| 12:30 | 12:45 | 2532 | drilling -- drill | ok | De-isolated equipment PRS/TDS. Monitored well on Trip Tank, observed increase in Trip Tank. |
| 12:45 | 13:30 | 2532 | drilling -- drill | ok | Shut well in, standpipe press 0 SICP 0, opened choke and flow checked. Measured returns with decreasing trend. |
| 13:30 | 13:45 | 2532 | drilling -- drill | ok | Lined up and flushed across BOP, opened upper pipe rams. |
| 13:45 | 14:30 | 2532 | drilling -- drill | ok | Flow checked on Trip tank. Meanwhile held tool box talk and installed PS-21 slips. |
| 14:30 | 18:30 | 3581 | drilling -- drill | ok | Continued RIH from 2532mt to 3581m filling the pipe every 10 std. |
| 18:30 | 21:30 | 3581 | drilling -- drill | ok | Broke circulation, staged up flow rate & RPM in 10 spm increments & monitored for losses. Established loss free circulation rate to 1700 l/m / 20 rpm / SPP 160 bars. Added 3 sacks/ hour of LCM. |
| 21:30 | 22:15 | 3616 | drilling -- survey | ok | Took survey at 3616m. |
| 22:15 | 23:30 | 3632 | drilling -- survey | ok | Continued to RIH while logging to 3632m, 30 m³/hour, 1500 l/m, 60 rpm increased to 120 rpm due to stick slip, max ECD 1.46 sg EMW. Got downhole losses 12 m³/hour. Stopped RIH, cut back pumps and rpm. |
| 23:30 | 00:00 | 3632 | drilling -- circulating conditioning | ok | Started to establish loss free pump rate. |

Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class | Operation Downtime (min) | Equipment Repaired | Remark |
|------------|-----------|------------|-----------------------------------|--------------------------|--------------------|--|
| 00:00 | 0 | | pipe handling equ syst - elevator | 0 | 00:00 | BX elevator not operating probably. Changed out BX elevators due to latching problem, back up set will not work, install original elevators & investigated problem with latch. |

Pore Pressure

| Time | Depth mMD | Depth TVD | Equ Mud Weight (g/cm3) | Reading |
|-------|-----------|-----------|------------------------|-----------|
| 00:00 | 3670 | | 1.15 | estimated |