

Summary report

Wellbore: 15/9-F-14

Period: 2008-05-16 00:00 - 2008-05-17 00:00

| | |
|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:52 |
| Report number: | 31 |
| Days Ahead/Behind (+/-): | |
| Operator: | StatoilHydro |
| Rig Name: | MÆRSK INSPIRER |
| Drilling contractor: | Mærsk Contractors |
| Spud Date: | 2007-11-04 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: | 2008-06-15 |

| | |
|-----------------------------|--------------------------|
| Dist Drilled (m): | -999.99 |
| Penetration rate (m/h): | -999.99 |
| Hole Dia (in): | 17.5 |
| Pressure Test Type: | formation integrity test |
| Formation strength (g/cm3): | 1.38 |
| Dia Last Casing (I): | |

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 2281 |
| Depth mTVD: | 2279.5 |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 1186 |
| Depth At Formation Strength mTVD: | 1186 |
| Depth At Last Casing mMD: | 2275.4 |
| Depth At Last Casing mTVD: | 2274.1 |

Summary of activities (24 Hours)

Rigged up 14" casing running equipment. Made repairs on BX elevator. Ran shoejoints and threadlocked. Ran 14" casing to 610 m MD.

Summary of planned activities (24 Hours)

Run 14" casing from 610 m to 2131 m MD. Make up casing hanger/PADPRT. Change to DP handling gear.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|--------------------------|-------|---|
| 00:00 | 01:00 | 0 | interruption -- maintain | ok | worked on TDS. Made up fixed centering bar / brackets on TDS. |
| 01:00 | 01:30 | 0 | interruption -- maintain | ok | Installed stand in rotary for testing TDS alignment relative to well centre. TDS 5 cm out of centre to STB. |
| 01:30 | 02:15 | 0 | interruption -- maintain | ok | Removed 2 shimmes ea 6 mm from fixed centering bar on TDS. Tested allignement relative to well centre. TDS 9 cm out of centre to port. |
| 02:15 | 03:45 | 0 | interruption -- maintain | ok | Reinstalled 2 shimms ea 6 mm and removed 2 ea shimms 1,5 mm. Tested alignment relative to well centre. TDS aligned with well centre but slightly out to port (~1 cm), not able to come closer with available range of shimms (additional 0,5-1 mm shimm may be installed at a later point). |
| 03:45 | 04:00 | 0 | interruption -- maintain | ok | Installed lockwire and secured TDS. |
| 04:00 | 04:15 | 0 | drilling -- casing | ok | Held toolbox talk for rigging up 14" casing handling equipment. |
| 04:15 | 06:00 | 0 | drilling -- casing | ok | Rigged up 14" casing handling equipment. Static losses to well after midnight ~100 l/hrs. |
| 06:00 | 07:00 | 0 | drilling -- casing | ok | Rigged casing running equipment. Made up LaFleur. |
| 07:00 | 07:15 | 0 | drilling -- casing | ok | Held toolbox talk for continued rigging of casing running equipment (new crew). |
| 07:15 | 10:15 | 0 | drilling -- casing | ok | Rigged casing running equipment. Installed casing bails. |
| 10:15 | 10:45 | 0 | drilling -- casing | ok | Held toolbox talk for installing FMS and running 14" casing. Lost hydraulics in drilling module due to system trip. |
| 10:45 | 11:45 | 0 | interruption -- other | ok | Trip on hydraulic supply to drilling areas due to overheating. |
| 11:45 | 12:45 | 0 | drilling -- casing | ok | Continued rigging 14" casing running equipment. Removed master bushing and installed FSM. Functioned slips, tong and elevator. Adjusted backwards travel on casing tong to avoid conflict with elevators. Elevator tilt for BX-2 missing. Rigged up for using tugger to tilt elevator. Meanwhile traced BX-2 elevator tilt adaptor from Sleipner. |
| 12:45 | 13:00 | 0 | drilling -- casing | ok | Attempted to pick up shoe joint - nogo due to position of eye bolts holding die segments. Sheared eye bolt accidentally. |
| 13:00 | 16:00 | 0 | interruption -- other | ok | Drilled out / re-threaded eye bolts on elevator and replaced by normal bolts. |
| 16:00 | 16:15 | 0 | drilling -- casing | ok | Held toolbox talk prior to recommencing operation. |
| 16:15 | 19:00 | 49 | drilling -- casing | ok | Picked up shoe joint and hung off in slips. Picked up and made up intermediate joint, float collar joint and 1st casing joint (#189). Threadlocked couplings. Tested floats in shoe and filled casing. |
| 19:00 | 19:15 | 49 | drilling -- casing | ok | Held toolbox talk with new crew for continued casing running operations and rigging up elevator tilt adapter. Recieved equipment from Sleipner. |
| 19:15 | 20:15 | 49 | interruption -- other | ok | Rigged up elevator tilt adapter for BX-2 frame. |
| 20:15 | 22:00 | 74 | interruption -- other | ok | Recommenced casing running. Not able to latch BX-2 elevator onto casing coupling - elevator tilting back when given the closing signal. Troubleshoot situation - found no faults in programming or hook up. Found that elevator needed to have more load for closing. Ran 2 casing joints while troubleshooting. |
| 22:00 | 00:00 | 207 | drilling -- casing | ok | Ran 14" 96,6# casing from 74 m to 207 m MD. Filled every casing joint with 1,30 sg WBM. |

Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class | Operation Downtime (min) | Equipment Repaired | Remark |
|------------|-----------|------------|--|--------------------------|--------------------|---|
| 00:00 | 0 | | miscellaneous equ syst -- hydr pneum power packs | 0 | 00:00 | Trip on drillinghydraulics |
| 00:00 | 0 | | pipe handling equ syst -- elevator | 0 | 00:00 | When running 14" casing the elevator tilt adaptor for the BX-2 frame was missing. Hence it was not possible to tilt the elevator for picking up casing from the HTS (catwalk). In order to get going with the casing running, a tugger was attached to an eye b |
| 00:00 | 49 | | pipe handling equ syst -- elevator | 0 | 00:00 | Hooked up elevator tilt adaptor. Not able to function elevator tilt when recommencing casing running. |

Drilling Fluid

| | | |
|-------------------------|------------|------------|
| Sample Time | 12:00 | 22:00 |
| Sample Point | Active pit | Active pit |
| Sample Depth mMD | 2281 | 2281 |
| Fluid Type | HPWBM | HPWBM |
| Fluid Density (g/cm3) | 1.3 | 1.3 |
| Funnel Visc (s) | -999.99 | -999.99 |
| 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) | 27 | 27 |
| Yield point (Pa) | 13.5 | 13.5 |
| 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 | 2281 | | 1.03 | estimated |