

Summary report

Wellbore: 15/9-F-15 A

Period: 2008-12-17 00:00 - 2008-12-18 00:00

| | |
|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:52 |
| Report number: | 7 |
| Days Ahead/Behind (+/-): | |
| Operator: | StatoilHydro |
| Rig Name: | MÆRSK INSPIRER |
| Drilling contractor: | Mærsk Contractors |
| Spud Date: | 2008-12-11 15:00 |
| 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: | |

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

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMd: | 2591 |
| Depth mTVD: | 2442 |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 1381 |
| Depth At Formation Strength mTVD: | 1349 |
| Depth At Last Casing mMD: | 2561.8 |
| Depth At Last Casing mTVD: | 2416.2 |

Summary of activities (24 Hours)

Ran 13 3/8" casing from 40 m to 1358 m MD. Rigged up Tesco casing running equipment.

Summary of planned activities (24 Hours)

Rig up Tesco casing running equipment. Run 13 3/8" casing from 1358 m to 2445 m MD. Make up 13 3/8" casing hanger. Rig down casing running equipment. Run in on 5 1/2" HWDP landing string and wash down casing to 2586 m MD. Make up cement head. Circulate prior to cement operation.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|-----------------------|-------|---|
| 00:00 | 02:00 | 0 | drilling -- casing | ok | Hooked up and functioned casing tong. Removed masterbushing. Installed FMS in rotary -adapeter ring on FMS did not fit in rotary. Removed adapter ring and installed FMS in rotary . Changed fittings on hydraulic hoses and hooked up FMS to rig hydraulics. Attempted to function FMS - negative. |
| 02:00 | 03:45 | 0 | interruption -- other | ok | Not able to function FMS. Troubleshot situation. Changed fittings on hoses - still not functioning correctly. Traced external panel for FMS and hooked up same. Traced 13 3/8" inserts for PS-30. Hooked up FMS to external panel, functioned FMS - ok. Installed by-pass baffle in shoe joint laying on HTS. |
| 03:45 | 04:00 | 0 | drilling -- casing | ok | Held toolbox talk for running casing. |
| 04:00 | 05:00 | 0 | drilling -- casing | ok | Picked up shoe joint. Attempted to run shoe joint, could not pass guides on FMS. Removed guides on FMS. Not able to run bow spring centralizer through FMS. Removed FMS and installed masterbushing and bowl. |
| 05:00 | 06:00 | 39 | drilling -- casing | ok | RIH with shoe joint, checked float for pos/neg flowthrough - ok, hung off on manual slips. Picked up and made up intermediate joint. Picked up and made up float collar joint. Threaded connections. Used dog collar to secure in slips. Filled joints with 1,43 sg OBM. |
| 06:00 | 08:30 | 140 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 40 m to 140 m MD. Used manual slips. Filled every joint with 1,43 sg OBM. |
| 08:30 | 08:45 | 140 | drilling -- casing | ok | Held toolbox talk for removing bushings. |
| 08:45 | 09:00 | 140 | drilling -- casing | ok | Removed masterbushing and installed PS-30 slips. Had problems with hydraulics on PS-30. |
| 09:00 | 09:45 | 140 | interruption -- other | ok | Troubleshot hydraulics on PS-30. |
| 09:45 | 10:30 | 184 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 140 m to 184 m MD. Filled every 5th joint with 1,43 sg OBM. |
| 10:30 | 11:00 | 184 | drilling -- casing | ok | Held toolbox talk / handover meeting with new crew. |
| 11:00 | 17:45 | 783 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 184 m to 783 m MD. Filled every 5th joint with 1,43 sg OBM. Running speed 7-8 jnts/hr. |
| 17:45 | 18:30 | 783 | drilling -- casing | ok | Filled string and lined up to triptank - well static. Moved rollers on HTS to pick from aft bays. |
| 18:30 | 19:00 | 808 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 783 m to 808 m MD. |
| 19:00 | 19:30 | 808 | drilling -- casing | ok | Held toolbox talk / handover meeting with new crew. |
| 19:30 | 20:45 | 914 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 808 m to 914 m MD. Had problems with HTS rollers. |
| 20:45 | 21:15 | 914 | interruption -- other | ok | Troubleshot problems with HTS rollers. |
| 21:15 | 22:45 | 1035 | drilling -- casing | ok | Ran 13 3/8" - P110 - 72# casing from 914 m to 1035 m MD. Filled every 5th joint with 1,43 sg OBM. Running speed 7 jnts/hr. |
| 22:45 | 00:00 | 1035 | drilling -- casing | ok | Halted operations due to incident on pipedeck. A wooden beam came flying over the HTS and landed accross the gangway on the oposite side of the HTS (i.e. starboard side). Took time out for investigation and debrief / safety brief. |

Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class | Operation Downtime (min) | Equipment Repaired | Remark |
|------------|-----------|------------|---|--------------------------|--------------------|--|
| 00:00 | 2447 | | pipe handling equ syst -- vertical pipe handling equ syst | 0 | 00:00 | Repaired leakage on hose bundle in top of PRS. |
| 00:00 | 0 | | miscellaneous equ syst -- other | 0 | 00:00 | Not able to function FMS after hook-up. |

Drilling Fluid

| | | |
|-----------------------|--------------|--------------|
| Sample Time | 10:00 | 22:00 |
| Sample Point | Active pit | Active pit |
| Sample Depth mMD | 2591 | 2591 |
| Fluid Type | OBM-Standard | OBM-Standard |
| Fluid Density (g/cm3) | -999.99 | -999.99 |
| 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) | 29 | 29 |
| Yield point (Pa) | 10 | 10 |
| Filtration tests | | |
| Pm filtrate () | | |
| Filtrate Lthp () | | |
| Filtrate Hthp () | | |
| Cake thickn API () | | |
| Cake thickn HPHT () | | |
| Test Temp HPHT (degC) | 120 | 120 |
| Comment | | |