

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-06 00:00 - 2007-08-07 00:00

| | |
|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:51 |
| Report number: | 55 |
| 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): | 17.5 |
| Pressure Test Type: | leak off test |
| Formation strength (g/cm3): | 1.7 |
| Dia Last Casing (): | |

| | |
|-----------------------------------|--------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMD: | 2572.5 |
| Depth mTVD: | 2481.5 |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 1353 |
| Depth At Formation Strength mTVD: | 1353 |
| Depth At Last Casing mMD: | 1357 |
| Depth At Last Casing mTVD: | 1333 |

Summary of activities (24 Hours)

Repaired leaking BOP slick joint. Tested shear ram and 14" casing 30/345 bar 5/15 min. Performed BOP tests according to Mærsk procedure.

Summary of planned activities (24 Hours)

Test top drive. MU and RIH with 12 1/4" BHA. Drill out 14" shoe and clean out rat hole with 1.35 sg mud from last section. Drill cement and 3 m new formation. Perform FIT to 1.48 sg EMW. Displace well to 1.35 sg OBM.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|----------------------------|-------|---|
| 00:00 | 00:30 | 0 | drilling -- casing | ok | Continue LO cement head assembly. |
| 00:30 | 06:00 | 0 | interruption -- other | ok | Held tool box meeting prior to rigging up to pull diverter. Removed elevators and RU to pull diverter. Pulled diverter to rig floor. RU "C" spanner to bell nipple and undid nut. Removed seals and cleaned area. Found upper seal to be damaged. |
| | | | | | Meanwhile installed check valve and DCI hose on wellhead using ROV. Broke ROV handle on DCI hose. |
| 06:00 | 19:00 | 0 | interruption -- other | ok | Continued to work on leak in BOP slick joint. MU BOP mandrel to BOP. PU and ran diverter. Connected hydraulic hoses and overshot hose. Installed outer ring and master b ushing. RD diverter handling equipment. |
| | | | | | Meanwhile RU slurry filter pump, performed maintenance and house keeping and prepared equipment for testing BOP. |
| 19:00 | 22:00 | 0 | drilling -- bop activities | ok | Filled hole with 1.35 sg WBM and tested overshot seals. Closed shear ram and tested 14" csg and shear ram 30/345 bar 5/15 min with cement unit. Pumped and bled back 3 m3. |
| | | | | | Meanwhile RD diverter handling equipment and RU 5 1/2" DP handling equipment. |
| 22:00 | 23:30 | 0 | drilling -- bop activities | ok | MU and RIH with bull nose jetting tool and jetted BOP and wearbushing. Circulated 4000 lpm and 90 bar. Meanwhile located lead "plug" in kill line and removed same. |
| 23:30 | 00:00 | 0 | drilling -- bop activities | ok | Picked up BOP test tool and space out assembly. |

Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class | Operation Downtime (min) | Equipment Repaired | Remark |
|------------|-----------|------------|-----------------------------------|--------------------------|--------------------|--|
| 00:00 | 0 | | well control equ syst -- diverter | 0 | 00:00 | Leaking seals in slick joint had to be changed |

Drilling Fluid

| | |
|------------------------|-------------|
| Sample Time | 22:00 |
| Sample Point | Reserve pit |
| Sample Depth mMD | 0 |
| Fluid Type | HPWBM |
| Fluid Density (g/cm3) | 1.35 |
| Funnel Visc (s) | -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) | 35 |

| | |
|----------------------------|----|
| Yield point (Pa) | 11 |
| 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 | 2513 | | 1.05 | estimated |