

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-05 00:00 - 2007-08-06 00:00

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|--------------------------|-------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:51 |
| Report number: | 54 |
| 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 |

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|-----------------------------|---------------|
| 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 (): | |

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|-----------------------------------|--------|
| 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)

Sat and tested 14" csg hanger seal assembly. Released running tool and POOH. LD RT. RIH and sat wear bushing. POOH. Ran wireline gyro inside 14" csg. LD jet sub and wear bushing RT. LD cement head and 2 x HWDP. Pulled diverter and changed slick joint seals.

Summary of planned activities (24 Hours)

MU and RIH with test plug. Pressure test BOP and POOH. Planned maintenance and cleaning.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|-------------------------------------|-------|--|
| 00:00 | 01:00 | 2506.2 | drilling -- casin g | ok | Continued circulating one csg volume of 1.35 sg WBM using rig pumps, 2190 lpm and 35 bar. |
| 01:00 | 03:00 | 2506.2 | drilling -- casin g | ok | Pumped 21 m3 1.63 m3 sg Tuned Spacer using rig pumps, 1500 lpm and 17 bar. Dropped ball for bottom plug. Mixed and pumped 31 m3 1.90 sg cmt slurry, 800 lpm 25-34 bar. BTM plug sheared at approx 50 bar. Pumped 890 liter WBM to displace cement to rig floor. Released dart. Displaced wiper plug by pumping 3 m3 WBM with cement unit, 1200 lpm and 45 bar . Top plug sheared at 207 bar/977 ltr. |
| 03:00 | 05:00 | 2506.2 | drilling -- casin g | ok | Displaced cement with rig pumps, 2440 lpm and 6.5 bar Increased displacement rate to 3000 lpm when cement entered annulus. Slowed down rate to 1200 lpm approx 3 m3 prior to b ump. Recorded FCP 32 bar. Bumped plug with 187.7 m3 (8559 strokes) and pressured up to 103 bar. Bled back 870 ltr to cement unit and checked for back flow. Disconnected cement hose. |
| 05:00 | 06:00 | 2506.2 | drilling -- casin g | ok | Sat seal assembly according to Vetco procedure by releasing over-pull and setting down 7-8 MT. Rotated landing string 4-41/2" turns right-hand. Started pressure testing surface lines to 207 bar. |
| 06:00 | 07:30 | 2506.2 | drilling -- casin g | ok | Continue to set seal assembly according to Vetco procedure. Bled off pressure and opened upper rams. PU to 30 MT overpull and closed rams. |
| 07:30 | 08:00 | 2506.2 | drilling -- casin g | ok | Tested MS seal assembly, 35 bar/345 bar 5min/15 min using cement unit. Volume pumped, 436 ltr. |
| 08:00 | 09:00 | 2505 | drilling -- casin g | ok | Reduced from 30 MT to 3 MT overpull. Rotated 4 turns to the right to release running tool. PU PADPRT and landing string. Removed lo-torque before RB cmt stand (2 x HWDP and cm t head). |
| 09:00 | 09:30 | 2505 | drilling -- casin g | ok | Dropped 2 x sponge balls into HWDP. MU TDS and pumped 1.35 sg WBM at 3350 lpm, 29 bar. |
| 09:30 | 10:30 | 0 | drilling -- casin g | ok | POOH and LO PADPRT. Measured lead impression block. Cleared and cleaned rig floor. |
| 10:30 | 12:30 | 140 | drilling -- bop/ wellhead equipment | ok | MU jet sub, WB RT and wear bushing. RIH to 140 m. Installed wearbushing and POOH. Meanwhile RU gyro unit on rig floor. |
| 12:30 | 15:30 | 0 | workover -- rig up/down | ok | Tested gyro downhole tools on rig floor. Meanwhile performed maintenance on TDS and PM's and house keeping. |
| 15:30 | 20:30 | 2470 | workover -- wi re line | ok | RIH with gyro from RKB to 2470 m MD. Performed gyro survey while POOH. |
| 20:30 | 23:00 | 0 | workover -- rig up/down | ok | LD tools and tested same. RD gyro unit and cleared rig floor. |
| 23:00 | 00:00 | 0 | drilling -- casin g | ok | LO jet sub and wear bushing RT assembly. LO cement head assembly. |

Drilling Fluid

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| 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 () | |

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| 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 | |