

## Summary report

Wellbore: 15/9-F-10

Period: 2009-04-15 00:00 - 2009-04-16 00:00

|                          |                  |
|--------------------------|------------------|
| Status:                  | normal           |
| Report creation time:    | 2018-05-03 13:51 |
| Report number:           | 10               |
| Days Ahead/Behind (+/-): | 3.3              |
| Operator:                | StatoilHydro     |
| Rig Name:                | MÆRSK INSPIRER   |
| Drilling contractor:     | Maersk Drilling  |
| Spud Date:               | 2009-04-06 06:00 |
| Wellbore type:           |                  |
| Elevation RKB-MSL (m):   | 54.9             |
| Water depth MSL (m):     | 91               |
| Tight well:              | Y                |
| HPHT:                    | Y                |
| Temperature ():          |                  |
| Pressure ():             |                  |
| Date Well Complete:      | 2009-06-03       |

|                             |         |
|-----------------------------|---------|
| Dist Drilled (m):           | -999.99 |
| Penetration rate (m/h):     | -999.99 |
| Hole Dia (in):              | 26      |
| Pressure Test Type:         |         |
| Formation strength (g/cm3): | 0       |
| Dia Last Casing ():         |         |

|                                   |        |
|-----------------------------------|--------|
| Depth at Kick Off mMD:            |        |
| Depth at Kick Off mTVD:           |        |
| Depth mMd:                        | 1400   |
| Depth mTVD:                       | 1341   |
| Plug Back Depth mMD:              |        |
| Depth at formation strength mMD:  | 0      |
| Depth At Formation Strength mTVD: | 0      |
| Depth At Last Casing mMD:         | 1388.9 |
| Depth At Last Casing mTVD:        | 1331.7 |

## Summary of activities (24 Hours)

POOH with 26" drilling BHA. Racked back DC, broke and laid out 26" drilling BHA. Rigged up for running 20" casing. Ran 20" casing from surface to 292 m MD.

## Summary of planned activities (24 Hours)

Run 20" casing from 292 m to 1249 m MD. Make up 18 3/4" wellhead. RIH on landing string and land WH/casing at 139 / 1398 m MD.

## Operations

| Start time | End time | End Depth mMD | Main - Sub Activity     | State | Remark   |
|------------|----------|---------------|-------------------------|-------|--|
| 00:00      | 01:45    | 887           | drilling -- trip        | ok    | Continued working string from 916 m to 887 m MD. Worked string with rotation/flow as limited by torque and overpull. Parameters : Flow 200 lpm / SPP 2-3 bar / 30 RPM / Torque 6-33 kNm.   |
| 01:45      | 03:15    | 540           | drilling -- trip        | ok    | POOH with 26" drilling BHA from 887 m to 540 m MD. Worked tight area from 650 m to 640 m MD.   |
| 03:15      | 03:45    | 495           | drilling -- circulating | ok    | Displaced well above 500 m MD to 1.40 sg KCl mud while pulling stand. Pumped a total of 143 m3 mud. Parameters : Flow 4500 lpm / SPP 200-210 bar / 30 RPM (string) / Torque 4-7 kNm. Issued notice to shut-in adjacent wells at 03:30.   |
| 03:45      | 05:15    | 250           | drilling -- trip        | ok    | POOH with 26" drilling BHA from 495 m to 250 m MD. Worked tight area from 450 m to 430 m MD.   |
| 05:15      | 05:30    | 250           | drilling -- circulating | ok    | At 250 m MD, topped up well by pumping 15 m3 1.40 sg KCl mud. Flow 1800 lpm / SPP 34 bar. Meanwhile performed toolbox talk for pulling BHA.  |
| 05:30      | 06:00    | 146           | drilling -- trip        | ok    | POOH with 26" drilling BHA from 250 m to 146 m MD. Removed PS-21 slips and installed master bushing. Confirmed adjacent wells shut in at 05:45.  |
| 06:00      | 06:15    | 136           | drilling -- drill       | ok    | POOH with 26" drilling BHA from 146 m MD to 136 MD. Observed with ROV when comming through CTS funnel / 30" conductor.   |
| 06:15      | 07:00    | 107           | drilling -- trip        | ok    | POOH and racked back stand of 8.25" DC. Broke and laid out jar.  |
| 07:00      | 09:45    | 40            | drilling -- trip        | ok    | Broke and racked back stand of 8.25" DC and stand of 9.25" NMDC. Broke connection between gMWD and MWD, retrieved gyro insert, re-made connection. Attempted to rack to rack back 26" drilling BHA in derrick - negative - too high weight in PRS. Large amounts of clay trapped on BHA. |
| 09:45      | 10:00    | 40            | drilling -- trip        | ok    | Held toolbox talk for breaking BHA.  |
| 10:00      | 11:45    | 0             | drilling -- trip        | ok    | Broke and laid out UBHO, MWD, GMWD and stab/motor/26" bit. Meanwhile removed CTS funnel from conductor using aft crane assisted by ROV.  |
| 11:45      | 12:45    | 0             | drilling -- trip        | ok    | Cleared and tidied drillfloor. Prepared for rigging casing running equipment.  |
| 12:45      | 14:00    | 0             | drilling -- casing      | ok    | Removed DP elevator and drilling balls. Moved casing casing tong and frame to IR tracks. Hooked up hydraulics to casing tong.  |
| 14:00      | 14:15    | 0             | drilling -- casing      | ok    | Held toolbox talk prior to derrick inspection. Isolated equipment.   |
| 14:15      | 15:00    | 0             | drilling -- casing      | ok    | Performed inspection of derrick and TDS using manrides.  |
| 15:00      | 19:00    | 0             | drilling -- casing      | ok    | Made up LaFleur circulating tool. Installed long balls. Installed 310 MT BX elevator and hooked up hydraulics. Meanwhile ROV performed digiquartz measurement of conductor elevation relative to F-15 - 1 mm deviation.  |
| 19:00      | 19:30    | 0             | drilling -- casing      | ok    | Held toolbox talk for running 20" casing. Made adjustments on LaFleur spacing.   |
| 19:30      | 21:30    | 26            | drilling -- casing      | ok    | Picked up 20" shoe joint. Hung off in rotary and secured with dog collar. Tested float for flowthrough - ok. Picked up and made up 20" intermediate joint. Adjusted stabbing arm and casing tong. Applied threadlock and made up connection to 46000 ft lbs (max available torque). RIH. |
| 21:30      | 22:15    | 40            | drilling -- casing      | ok    | Picked up 20" landing collar joint. Checked threads. Applied threadlock and made up connection to 46000 ft lbs. Found spacing to make up mark to be approx 5 mm short. Discussed situation and decided to continue operation.  |
| 22:15      | 00:00    | 78            | drilling -- casing      | ok    | RIH with 20" 133# N80 Tenaris ER casing w/centralizers from 40 m to 78 m MD. Checked floats for inflow - ok.   |

## Bit Record

| Run No. | Bit Size | Bit Type | IADC Code | Manufacturer         | Hrs Drilled | Start mMD | End mMD | Hole Made (last 24H) | Hours Drilled (last 24H) | Form ROP | Total ROP | Total Hole Made | Total Hrs Drilled |
|---------|----------|----------|-----------|----------------------|-------------|-----------|---------|----------------------|--------------------------|----------|-----------|-----------------|-------------------|
| 2       | 26 in    | MG04B    | 415       | Smith Internation al | 51.8        | 207       | 207     |                      |                          | 23       | 22.9      | 1199            | 52.4              |