

## Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-03 00:00 - 2013-04-04 00:00

|                          |                  |
|--------------------------|------------------|
| Status:                  | normal           |
| Report creation time:    | 2018-05-03 13:51 |
| Report number:           | 29               |
| Days Ahead/Behind (+/-): |                  |
| Operator:                | Statoil          |
| Rig Name:                | MÆRSK INSPIRER   |
| Drilling contractor:     | Maersk Drilling  |
| Spud Date:               | 2013-03-07 17:30 |
| Wellbore type:           |                  |
| Elevation RKB-MSL (m):   | 54.9             |
| Water depth MSL (m):     | 91               |
| Tight well:              | Y                |
| HPHT:                    | Y                |
| Temperature ():          |                  |
| Pressure ():             |                  |
| Date Well Complete:      | 2013-05-09       |

|                             |         |
|-----------------------------|---------|
| 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:                        | 1365   |
| Depth mTVD:                       | 1345.5 |
| Plug Back Depth mMD:              |        |
| Depth at formation strength mMD:  | 0      |
| Depth At Formation Strength mTVD: | 0      |
| Depth At Last Casing mMD:         | 202.3  |
| Depth At Last Casing mTVD:        | 202    |

## Summary of activities (24 Hours)

Troubleshoot and repaired PDM (Pipe Deck Machine) Replaced solenoid valve.  
Ran in hole with 20" casing from 36 m MD to 656 m MD.

## Summary of planned activities (24 Hours)

Run and land 20" casing.  
Cement 20" casing.

## Operations

| Start time | End time | End Depth mMD | Main - Sub Activity    | State | Remark   |
|------------|----------|---------------|------------------------|-------|--|
| 00:00      | 03:00    | 36            | interruption -- repair | ok    | Troubleshoot and repaired PDM (Pipe Deck Machine) Replaced solenoid valve.<br><br>Meanwhile: Performed general maintenance.  |
| 03:00      | 07:00    | 150           | drilling -- casing     | ok    | Ran in hole with 20" casing from 36 m MD to 150 m MD. Average running speed 2,2 joints/hour.<br>Filled every joint.  |
| 07:00      | 07:30    | 188           | drilling -- casing     | ok    | Held pre-job meeting with oncoming crews prior to run 20" casing.<br>Checked all equipment and barriers.   |
| 07:30      | 09:30    | 188           | drilling -- casing     | ok    | Picked up and installed casing circulation tool. Tested circulation tool, experienced TDS wash pipe leaking.   |
| 09:30      | 11:30    | 188           | drilling -- casing     | ok    | Replaced TDS wash pipe and pressure tested same to 100 bar / 10 minutes.<br><br>Meanwhile changed leaking hydraulic fittings on elevators.   |
| 11:30      | 12:30    | 201           | drilling -- casing     | ok    | Ran in hole with 20" casing from 188 m MD to 201 m MD.   |
| 12:30      | 13:00    | 201           | drilling -- casing     | ok    | Cross threaded box joint 105 with pin joint 104, unable to obtain required torque. Decided to lay down both joints. Observed problems with laying down casing joints using HTS.  |
| 13:00      | 14:00    | 201           | interruption -- repair | ok    | Decided to lay down joints manually using deck crane.<br>Performed toolbox talk prior to laying down the joints.<br>Laid out 2 x damaged joint to deck using deck crane.   |
| 14:00      | 00:00    | 656           | drilling -- casing     | ok    | Ran in hole with 20" casing from 201 m MD to 656 m MD. Average running speed 3-5 joints/hour.<br>Filled every joint with SW.<br>Performed pre-job meeting with oncoming crews prior to run 20".<br>Checked all equipment and barriers. |

## Equipment Failure Information

| Start time | Depth mMD | Depth mTVD | Sub Equip - Syst Class                                 | Operation Downtime (min) | Equipment Repaired | Remark   |
|------------|-----------|------------|--|--------------------------|--------------------|--|
| 00:00      | 454       |            | hoisting equ -- crown block                            | 0                        | 00:00              | Detected unusual noise from crown block fast-line sheave. Inspected and found bearings to have failed. |
| 00:00      | 460       |            | mud and bulk syst -- mud supply                        | 0                        | 00:00              | All mud motors shut down simultaneously. Awaiting report from Maersk.                                  |
| 00:00      | 36        |            | pipe handling equ syst -- drill floor tube han dl syst | 0                        | 00:00              | Not able to pick up casing joints from pipedeck to catwalk. Awaiting report from Maersk.               |

## Drilling Fluid

|                       |                 |
|-----------------------|-----------------|
| Sample Time           | 08:00           |
| Sample Point          | Active pit      |
| Sample Depth mMD      | 455             |
| Fluid Type            | KCl/Polymer/GEM |
| Fluid Density (g/cm3) | 1.35            |
| Funnel Visc (s)       | -999.99         |
| Mf ()                 |                 |
| Pm ()                 |                 |
| Pm filtrate ()        |                 |
| Chloride ()           |                 |
| Calcium ()            |                 |
| Magnesium ()          |                 |
| pH                    |                 |
| Excess Lime ()        |                 |
| Solids                |                 |
| Sand ()               |                 |

|                               |    |
|-------------------------------|----|
| <b>Water ()</b>               |    |
| <b>Oil ()</b>                 |    |
| <b>Solids ()</b>              |    |
| <b>Corrected solids ()</b>    |    |
| <b>High gravity solids ()</b> |    |
| <b>Low gravity solids ()</b>  |    |
| <b>Viscometer tests</b>       |    |
| <b>Plastic visc. (mPa.s)</b>  | 32 |
| <b>Yield point (Pa)</b>       | 14 |
| <b>Filtration tests</b>       |    |
| <b>Pm filtrate ()</b>         |    |
| <b>Filtrate Lthp ()</b>       |    |
| <b>Filtrate Hthp ()</b>       |    |
| <b>Cake thickn API ()</b>     |    |
| <b>Cake thickn HPHT ()</b>    |    |
| <b>Test Temp HPHT ()</b>      |    |
| <b>Comment</b>                |    |