

Summary report

Wellbore: 15/9-F-12

Period: 2014-11-26 00:00 - 2014-11-27 00:00

| | |
|--------------------------|--------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:51 |
| Report number: | 5 |
| Days Ahead/Behind (+/-): | |
| Operator: | Statoil |
| Rig Name: | MÆRSK INSPIRER |
| Drilling contractor: | Altus Intervention |
| 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 (): | |
| Pressure Test Type: | formation integrity test |
| Formation strength (g/cm3): | 1.6 |
| Dia Last Casing (): | |

| | |
|-----------------------------------|---------|
| Depth at Kick Off mMD: | |
| Depth at Kick Off mTVD: | |
| Depth mMD: | -999.99 |
| Depth mTVD: | |
| Plug Back Depth mMD: | |
| Depth at formation strength mMD: | 3116 |
| Depth At Formation Strength mTVD: | 2863 |
| Depth At Last Casing mMD: | 3519 |
| Depth At Last Casing mTVD: | 3107.8 |

Summary of activities (24 Hours)

Installed 7" EVO plug with mid element at 3150 m. Perforated new zone from 3126,2 -3139,7 mMD. POOH with perforating gun.

Summary of planned activities (24 Hours)

Rig down WL equipment, Skid rig to F-1C and rig up WL equipment.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|-----------------------|-------|--|
| 00:00 | 01:45 | 0 | interruption -- other | ok | Continued to re-build cable head. Time consuming to build due to stiff cords on 7/16" cable together with narrow holes in cablehead cone. |
| 01:45 | 02:20 | 0 | interruption -- other | ok | Lifted tools to rig floor for testing of toolstring through cablehead. Meanwhile held toolbox talk for installing the BHA into lubricator. |
| 02:20 | 03:30 | 0 | interruption -- other | ok | Installed toolstring into lubricator and Leak tested QTS to 20/345 bar for 5/10 min. Meanwhile held toolbox talk for the plug run. |
| 03:30 | 04:00 | 0 | interruption -- other | ok | Opened HMV and equalized across swab using well pressure. |
| 04:00 | 05:40 | 1400 | interruption -- other | ok | RIH w/BHA #2 7" EVO plug from surface to 1400 m. WHP 51 bar. Performed well control drill: Leakage in grease injection head. Stopped each 300 meters to perform P/U weight. |
| 05:40 | 07:45 | 3135 | workover -- other | ok | Continued to RIH from 1400 meter to 3135 m. Stopped each 300 meters to perform P/U weight. |
| 07:45 | 08:40 | 3150 | workover -- other | ok | Correlated BHA across interval 3135 - 3050 m . Set plug with mid packer element at 3150 m. Observed 400 lbs drop in tension. WHP 47 bar. |
| 08:40 | 10:45 | 0 | workover -- other | ok | POOH with BHA#2 from 3150 m to surface. Hung slightly up in the packer area. Continued to POOH. |
| 10:45 | 11:30 | 0 | interruption -- wait | ok | Closed SV. Had to wait on production department for bleeding of, due to problems with a gas compressor. |
| 11:30 | 12:45 | 0 | workover -- other | ok | Bled of lubricator and inflow tested SV & HMV. Purged lubricator with N2. |
| 12:45 | 12:55 | 0 | workover -- wire line | ok | Held toolbox talk prior to L/D toolstring. |
| 12:55 | 13:10 | 0 | workover -- other | ok | Broke lubricator and L/D BHA #2. |
| 13:10 | 15:00 | 0 | workover -- perforate | ok | Lifted Halliburton perforating toolstring to drill floor and started to prepare guns. |
| 15:00 | 15:20 | 0 | workover -- perforate | ok | Held toolbox talk prior to arm the perforating guns. |
| 15:20 | 16:55 | 0 | workover -- perforate | ok | Installed BHA #3 (4 5/8" Perforating gun) into lubricator. Stabbed lubricator and tested QTS to 20/345 bar for 5/10 min. Equalized and opened SV and HMV. WHP 46 bar. |
| 16:55 | 20:30 | 3135 | workover -- perforate | ok | RIH w/BHA #3 (4 5/8" Perforating gun) from surface to 3135 meters. WHP 46 bar. Stopped each 500 meters and pulled up 50 meters. Depth P/U weight 500 m 1410 lbs 1000 m 2130 lbs 1500 m 2950 lbs 2000 m 3650 lbs 2500 m 4400 lbs 3000 m 4900 lbs |
| 20:30 | 21:05 | 3135 | workover -- perforate | ok | Performed three correlation passes across interval 3135 - 3050 m. Positioned gun with top shot at 3126,2 m & bottom shot at 3130,7 mMD. WHP 45 bar. |
| 21:05 | 21:25 | 3131 | workover -- wire line | ok | Activated perforation guns. Observed current increase and drop in tension of 200 lbs. No change in WHP at 45 bar. Started POOH. |
| 21:25 | 23:30 | 480 | workover -- perforate | ok | POOH with BHA #3 from 3131 m to 480 m. WHP 45 bar. |
| 23:30 | 00:00 | 480 | workover -- perforate | ok | Held toolbox talk prior to take guns out of hole. Included toolbox talk for rigging down WL equipment. |

Perforation Information

| Time of Opening Well Perf | Time of Closing Well Perf | Top of Perf mMD | Bottom of Perf mMD | Top of Perf TVD | Bottom of Perf TVD |
|---------------------------|---------------------------|-----------------|--------------------|-----------------|--------------------|
| 02:10 | 02:10 | 3126.2 | 3130.7 | | |