

## Summary report

Wellbore: 15/9-F-11 B

Period: 2016-09-26 00:00 - 2016-09-27 00:00

|                          |                  |
|--------------------------|------------------|
| Status:                  | normal           |
| Report creation time:    | 2018-05-03 13:51 |
| Report number:           | 9                |
| Days Ahead/Behind (+/-): | 6.2              |
| Operator:                | Statoil          |
| Rig Name:                | MÆRSK INSPIRER   |
| Drilling contractor:     | Maersk Drilling  |
| Spud Date:               | 2013-05-28 14:30 |
| Wellbore type:           |                  |
| Elevation RKB-MSL (m):   | 54.9             |
| Water depth MSL (m):     | 91               |
| Tight well:              | Y                |
| HPHT:                    | Y                |
| Temperature ():          |                  |
| Pressure ():             |                  |
| Date Well Complete:      | 2013-06-12       |

|                             |                          |
|-----------------------------|--------------------------|
| Dist Drilled (m):           | -999.99                  |
| Penetration rate (m/h):     | -999.99                  |
| Hole Dia ():                |                          |
| Pressure Test Type:         | formation integrity test |
| Formation strength (g/cm3): | 1.65                     |
| Dia Last Casing ():         |                          |

|                                   |         |
|-----------------------------------|---------|
| Depth at Kick Off mMD:            |         |
| Depth at Kick Off mTVD:           |         |
| Depth mMD:                        | -999.99 |
| Depth mTVD:                       |         |
| Plug Back Depth mMD:              | 2853    |
| Depth at formation strength mMD:  | 3192    |
| Depth At Formation Strength mTVD: | 2780    |
| Depth At Last Casing mMD:         | 4768.7  |
| Depth At Last Casing mTVD:        | 3257    |

## Summary of activities (24 Hours)

- Finished pulling 10 3/4in casing to X-over
- Pulled 9 5/8in casing
- Installed 14in EZSV (lower)
- Cut 14in casing
- Punched below 14in subsea casing hanger
- Installed 14in EZSV (upper)
- Displaced C-annulus to sea water

## Summary of planned activities (24 Hours)

- WOC until 22:20
- Start pressure testing C-annulus cement plug

## Operations

| Start time | End time | End Depth mMD | Main - Sub Activity               | State | Remark  |
|------------|----------|---------------|-----------------------------------|-------|---|
| 00:00      | 00:30    | 256           | plug abandon - equipment recovery | ok    | Continued to POOH with 10 3/4in casing from 334 to 256m. Average pulling speed 8.7 joints/hr  |
| 00:30      | 00:45    | 256           | plug abandon - equipment recovery | ok    | Performed Pre-job Meeting to change handling gear   |
| 00:45      | 01:00    | 256           | plug abandon - equipment recovery | ok    | Changed handling equipment for 9 5/8in casing   |
| 01:00      | 01:45    | 256           | plug abandon - equipment recovery | ok    | Attempted to break 10 3/4in x 9 5/8in X-over. Not able to set tongs on the x-over due to no handling pup and OD of x-over bigger than collar of 10 3/4in. Repositioned x-over below and set lower long jaws (adjustable) on x-over, confirmed length above 9 5/8in collar is not too long to pick up with elevator. Broke 10 3/4in joint from x-over and L/D x-over together w/ 9 5/8in joint   |
| 01:45      | 02:00    | 232           | plug abandon - equipment recovery | ok    | Changed BX inserts to 9 5/8in   |
| 02:00      | 04:45    | 0             | plug abandon - equipment recovery | ok    | Continued to POOH with 9 5/8in casing from 232 to 0m. Used manual slips. Average pulling speed 7.6 joints/hr, totally pulled 61 joints. Meanwhile finished w/ pumping postflush after batch#3 of drilling slop on F-4. Total drilling slop pumped for batch#3 of 250m3, postflush pumped of 140m3 (after batch#3), 1000l/min - 150bar. Stopped injection for 2 hours  |
| 04:45      | 05:00    | 0             | plug abandon - equipment recovery | ok    | Cleaned and cleared rig floor   |
| 05:00      | 05:15    | 0             | plug abandon - equipment recovery | ok    | Performed Pre-job Meeting to R/D casing tong  |
| 05:15      | 06:30    | 0             | plug abandon - equipment recovery | ok    | R/D casing tong   |
| 06:30      | 06:45    | 0             | plug abandon - other              | ok    | Performed Pre-job Meeting to M/U combined cutter/EZSV plug BHA (run#21)   |
| 06:45      | 07:30    | 13            | plug abandon - mechanical plug    | ok    | P/U cutting assy and broke off taper mill. M/U M/U combined cutter/EZSV plug BHA (run#21)   |
| 07:30      | 07:45    | 13            | plug abandon - other              | ok    | Removed master bushing, installed drill pipe slips  |
| 07:45      | 09:30    | 878           | plug abandon - other              | ok    | RIH w/ combined cutter/EZSV plug BHA (run#21) from 13 m to 878 m . Average tripping speed 500 m/hr. Meanwhile continued w/ pumping drilling slop batch#4 on F-4. Total preflush pumped of 70m3 (before batch#4), 1000l/min - 145bar   |
| 09:30      | 09:45    | 878           | plug abandon - mechanical plug    | ok    | Set EZSV @ 877.5m. Released running tool w/ +/- 25t overpull, tagged plug w/ 10 ton   |
| 09:45      | 10:30    | 868           | plug abandon - cut                | ok    | Established and recorded parameters before cutting casing. 80 rpm - 1-6 kNm, 400 l/min - 42 bar, 500 l/min - 60 bar, 600 l/min - 83bar. Cut casing @ 867.5m, 80rpm, 22 kNm, 400 l/min - 42bar. Observed good indication of cut: pressure dropped to 5 bar when cut performed, pulled up 1m and pressure increased to 42bar again. Meanwhile continued w/ pumping drilling slop batch#4 on F-4, started pumping drilling slop, Batch#4, 1000l/min - 145bar |
| 10:30      | 10:45    | 868           | plug abandon - cut                | ok    | Flow checked well. Static. Dropped drift inside stand #22   |
| 10:45      | 12:15    | 0             | plug abandon - cut                | ok    | POOH wet w/ combined cutter/EZSV tool BHA (run#21) from 868 m to 0 m. Avg. tripping speed 580 m/hr. Used mud bucket   |
| 12:15      | 12:30    | 0             | plug abandon - cut                | ok    | Removed drill pipe slips, installed master bushing  |
| 12:30      | 13:00    | 0             | plug abandon - cut                | ok    | Broke off and L/D EZSV running tool and X-overs, M/U taper mill to bottom of cutter and L/D cutter assembly   |
| 13:00      | 13:15    | 0             | plug abandon - perforate          | ok    | Performed Pre-job Meeting to P/U perforation BHA (run#22). Meanwhile changed BX inserts to 4,5in  |
| 13:15      | 14:15    | 15            | plug abandon - perforate          | ok    | P/U perforation BHA (run#22)  |
| 14:15      | 14:45    | 146           | plug abandon - perforate          | ok    | RIH w/ perforation BHA (run#22) from 15 m to 145,5 m (btm shot)   |

|       |       |     |                                      |    |   |
|-------|-------|-----|--------------------------------------|----|---|
| 14:45 | 15:15 | 146 | plug abandon<br>- perforate          | ok | Closed UPR, opened choke. Applied 10 bar on IBOP. Opened IBOP to confirm line up. Filled string. Opened UPR, Broke off TDS and dropped 1 3/8 ball in string. M/U TDS. Closed UPR and opened choke. Fired guns with 160 l/min - 138 bar. Top shot at 142,5m, bottom shot at 145,5m. Continued to circulate w/ 160l/min - 2 bar. No gas observed in returns |
| 15:15 | 15:45 | 146 | plug abandon<br>- perforate          | ok | Increased pump rate to 1000l/min. Pressure went up to 25 bar and then dropped and stabilized at 4 bar. Circulated 1x BU, observed small losses, quickly stabilized, gas reading close to 0 in fluid and no readings in air. Stopped pumps   |
| 15:45 | 16:15 | 146 | plug abandon<br>- perforate          | ok | Flowchecked well over the choke for 15 min. Stable. Open UPR, flow checked well with BOP open, stable. Meanwhile finished w/ pumping postflush after batch#4 of drilling slop on F-4. Total drilling slop pumped for batch#4 of 220m3, postflush pumped of 140m3 (after batch#4), 1000l/min - 145bar. Stopped injection                                   |
| 16:15 | 16:30 | 15  | plug abandon<br>- perforate          | ok | POOH w/ perforation BHA (run#22) from 146 m to 15 m   |
| 16:30 | 17:00 | 0   | plug abandon<br>- perforate          | ok | L/D perforation BHA (run#22). All shots fired   |
| 17:00 | 17:15 | 0   | plug abandon<br>- other              | ok | Performed Pre-job Meeting to P/U EZSV assembly (run#23)   |
| 17:15 | 18:00 | 3   | plug abandon<br>- mechanical<br>plug | ok | P/U EZSV assembly (run#23)  |
| 18:00 | 19:45 | 845 | plug abandon<br>- other              | ok | P/U 2x 3m pup joints and 1x 1.5m pup joint for spaceout and RIH w/ EZSV assembly to 845m. Average running speed 480m/hour   |
| 19:45 | 20:00 | 845 | plug abandon<br>- cement plu<br>g    | ok | M/U side entry sub assembly   |
| 20:00 | 20:45 | 855 | plug abandon<br>- mechanical<br>plug | ok | M/U TDS and recorded weights up/down 98t/91t. Washed setting area w/ L/min. Set EZSV plug at 855,3m, tagged plug w/ 10t and keep 10t weight on EZSV   |
| 20:45 | 21:00 | 855 | plug abandon<br>- cement plu<br>g    | ok | Closed UPR, confirmed line up through the choke and MGS   |
| 21:00 | 22:45 | 855 | plug abandon<br>- cement plu<br>g    | ok | Pumped 10m3 Hi-vis pill at 900l/min - 14bar, continued to displace C-annulus to sea water, staged up pumps to 1700l/min - 38bar. Max gas 2,6%, 1-2 ppm H2S in fluid. Oil base mud in returns initially and sea water towards the end. Totally sea water pumped of 1,4x BU   |
| 22:45 | 23:00 | 855 | plug abandon<br>- cement plu<br>g    | ok | Opened UPR and closed choke, flow checked the well. Stable. Meanwhile held TBT before cement job  |
| 23:00 | 23:15 | 855 | plug abandon<br>- cement plu<br>g    | ok | Connected cement hose and LT valve  |
| 23:15 | 00:00 | 855 | plug abandon<br>- cement plu<br>g    | ok | Pumped 20m3 wash pill ahead of cement job, 1300l/min - 13,4bar. Verified line up for cement job   |