

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-03-29 00:00 - 2013-03-30 00:00

| | |
|--------------------------|------------------|
| Status: | normal |
| Report creation time: | 2018-05-03 13:51 |
| Report number: | 24 |
| 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): | 339 |
| 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: | 793 |
| Depth mTVD: | 792.1 |
| 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)

Drilled and oriented 26" hole from 454m MD to 793m MD.

Summary of planned activities (24 Hours)

Drill 26" hole.

Operations

| Start time | End time | End Depth mMD | Main - Sub Activity | State | Remark |
|------------|----------|---------------|------------------------|-------|---|
| 00:00 | 01:30 | 406 | interruption -- repair | ok | Ran in hole with 26" bottom hole assembly on 5 1/2" drill pipe from 230m MD to 406m MD. Observed resistance at 406m MD. Attempted to pass restriction with 10MT - no go. |
| 01:30 | 02:30 | 454 | interruption -- repair | ok | Established circulation with 2000 lpm and 30 bar. Attempted to pass restriction with 2000 lpm and 30 bar - no go. Increased flow to 3000 lpm and 90 bar. Washed in hole with 26" bottom hole assembly on 5 1/2" drill pipe with 3000 lpm and 90 bar from 406m MD to 454m MD. Tagged bottom with 10 MT. |
| 02:30 | 02:45 | 454 | interruption -- other | ok | Performed survey with GyroTrak. Survey station (m) Inclination (deg) Azi (deg) 426.7 2.55 313.14 |
| 02:45 | 04:00 | 469 | drilling -- drill | ok | Drilled 26" hole from 454m MD to 469m MD with 4500 lpm, 152 bar, 1.12 sg ECD, 40 surface RPM (130 total RPM), 4-9 kNm, 2-8 MT. Pumped 10m3 hi-visc pill for every single. Average ROP: 12 m/hr. Performed survey with GyroTrak. Survey station (m) Inclination (deg) Azi (deg) 444.6 2.46 316.30 |
| 04:00 | 13:30 | 646 | drilling -- drill | ok | Drilled 26" hole from 469m MD to 639m MD with 4500 lpm, 152-162 bar, 1.12-1.14 sg ECD, 40-60 surface RPM (130-150 total RPM), 4-12 kNm, 2-15 MT. Pumped 10m3 hi-visc pill for every single. Gyro performed every stand. Average ROP: 17.9 m/hr |
| 13:30 | 14:30 | 650 | drilling -- drill | ok | Slid and oriented 26" hole from 639m MD to 650m MD with 4500 lpm, 162-165 bar, 1.12 sg ECD, 5-10MT. Average ROP: 11 m/hr |
| 14:30 | 16:00 | 674 | drilling -- drill | ok | Drilled 26" hole from 650m MD to 674m MD with 4500 lpm, 162-163 bar, 1.12 sg ECD, 60 surface RPM (150 total RPM), 6-9 kNm, 6-15 MT. Pumped 10m3 hi-visc pill for every single. Average ROP: 16 m hr |
| 16:00 | 00:00 | 793 | drilling -- drill | ok | Drilled and oriented 26" hole from 674m MD to 793m MD with 4500 lpm, 162-168 bar, 1.12-1.14 sg ECD, 60 surface RPM (150 total RPM), 6-13 kNm, 5-17MT. Pumped 10m3 hi-visc pill for every single. Average ROP: 14.9 m hr |

Drilling Fluid

| | |
|-----------------------|-----------------|
| Sample Time | 00:00 |
| 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 () | |
| Water () | |
| Oil () | |

| | |
|-------------------------------|------|
| Solids () | |
| Corrected solids () | |
| High gravity solids () | |
| Low gravity solids () | |
| Viscometer tests | |
| Plastic visc. (mPa.s) | 27 |
| Yield point (Pa) | 14.5 |
| Filtration tests | |
| Pm filtrate () | |
| Filtrate Lthp () | |
| Filtrate Hthp () | |
| Cake thickn API () | |
| Cake thickn HPHT () | |
| Test Temp HPHT () | |
| Comment | |

Survey Station

| Depth mMD | Depth mTVD | Inclination (dega) | Azimuth (dega) | Comment |
|------------------|-------------------|---------------------------|-----------------------|----------------|
| 485.3 | 485.2 | 2.46 | 319.47 | |
| 522.7 | 522.6 | 2.57 | 319.82 | |
| 563.1 | 562.9 | 2.48 | 325.09 | |
| 603.5 | 603.3 | 2.57 | 324.39 | |
| 644 | 643.8 | 1.68 | 292.15 | |
| 651.9 | 651.6 | 1.5 | 280.95 | |
| 692.4 | 692.1 | 2.45 | 266.71 | |
| 732.9 | 732.5 | 5.45 | 240.45 | |
| 773 | 772.3 | 8.06 | 234.01 | |