

Summary report

Wellbore: 15/9-F-14

Period: 2016-07-30 00:00 - 2016-07-31 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	1
Days Ahead/Behind (+/-):	1.1
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2007-11-04 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	2008-06-15

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (I):	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.56
Dia Last Casing (I):	

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:	2788
Depth At Formation Strength mTVD:	2728.4
Depth At Last Casing mMD:	3695
Depth At Last Casing mTVD:	3123.4

Summary of activities (24 Hours)

- Skidded rig to well F-14
- R/U cement spool and surface equipment
- Bullheaded well with SW
- Bullheaded cement
- WOC. Meanwhile: Performed rig maintenance.

Summary of planned activities (24 Hours)

- Pressure test and inflow test cement plug
- Inflow test DHSV
- Install BPV plug (drop protection for DHSV)
- R/D cement spool
- N/D XT and spacer spool

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
04:15	05:30	0	moving -- skidd	ok	Completed checklists and permits for skidding operations. Prepared cantilever for skidding
05:30	05:45	0	moving -- skidd	ok	Performed TBT for skidding rig to F-14
05:45	06:00	0	moving -- skidd	ok	Removed access stairs and bridge between produciton unit and cantilever
06:00	07:00	0	moving -- skidd	ok	Skidded rig to F-14
07:00	07:15	0	plug abandon -- other	ok	Performed TBT with ongoing crew for pulling hatch on F-14
07:15	08:00	0	plug abandon -- other	ok	Prepared to pull hatch. Lowered halv moon hatch on position. Meanwhile: Built scaffolding around XT.
08:00	09:00	0	plug abandon -- other	ok	Continued building scaffolding around XT. Meanwhile: Continued preparing for pulling hatch.
09:00	10:30	0	plug abandon -- other	ok	Pulled hatch on well F-14. Installed half moon hatch.
10:30	13:45	0	plug abandon -- other	ok	Lifted cement spool onto XT and M/U bolts. Installed hole covers in moonpool. Built scaffiling to access cement spool valves. Installed gauge and bleed off line on top of cement spool. Meanwhile: Performed maintenance on BOP and drilling equipment.
13:45	14:00	0	plug abandon -- other	ok	Cleaned and cleared moonpool. Meanwhile: Topped up A- and B annulus with SW.
14:00	14:15	0	plug abandon -- other	ok	Performed TBT for pressure testing cement spool and lines.
14:15	14:45	0	plug abandon -- other	ok	Confirmed line-ups and valve positions, walked the lines. Prepared cement unit for pressure test. Meanwhile: Barrired off areas prior to pressure testing.
14:45	15:00	0	plug abandon -- other	ok	Applied 20 bar against closed LTV15, opened LTV15 and confirmed correct line-up.
15:00	16:15	0	plug abandon -- other	ok	Flushed cement spool. Pressure tested cement spool to 20/310 bar for 5/10 min. Bled off pressure.
16:15	17:00	0	plug abandon -- other	ok	Performed TBT for line-up and bullheading operations.
17:00	17:30	0	plug abandon -- other	ok	Lined-up rig pumps and confirmed line-up. Opened H MV and SV. Pressurized DHSV control line to 520 bar.
17:30	19:00	0	plug abandon -- other	ok	Pressured up well to equalize DHSV by pumping 3m3 50/50 MEG/SW. Pumped 3,8m3 wash pill. Stopped pumping due to indications of DHSV not opening.
19:00	19:30	0	plug abandon -- other	ok	Investigated issue with DHSV. Kept 520 bar on DHSV control line and bled of pressure from well through closed drain. Monitored pressure on DHPG and observed pressure dropping 1 bar / 10 min while bleeding off well. Closed bleed-off valve and observed DHPG pressure increase, indicating that DHSV was in open position.
19:30	22:30	0	plug abandon -- other	ok	Staged up rig pumps to 1300lpm/71bar and bullheaded remaining 6,2m3 of wash pill followed by 208 m3 SW. Meanwhile: Performed TBT for cement job. After bullheading 118 m3 of SW the pressure increased from 71 bar to 91 bar rapidly. Continued bullheading SW at 1300lpm, pressure stabilized at 90 bar with a slightly decreasing trend. After bullheading 208 m3 of SW the pressure increased again from 90 bar to 100 bar rapidly. Pressure stabilized with steady trend at 100 bar.
22:30	22:45	0	plug abandon -- other	ok	Continued bullheading SW at 1300 lpm / 100 bar. Meanwhile: Mixed cement.
22:45	23:00	0	plug abandon -- other	ok	Lined up and released bottom dart. Mixed and pumped 6,6 m3 1,90sg cement slurry at 600 lpm.
23:00	23:15	0	plug abandon -- other	ok	Displaced surface lines with 0,9 m3 hi-vis pill from cement unit. Released top dart and continued to bullhead 6,9 m3 hi-vis with cement unit.

23:15	00:00	0	plug abandon -- other	ok	<p>Displaced cement with 41,5 m3 SW from cement unit at 1300 lpm / 85 bar, cycled DHSV 3x after bullheading 30 m3 of SW (while still pumping at 1300lpm).</p> <p>Continued displacement by pumping 3 m3 contamination pill at 600lpm / 56 bar with cement unit. After bullheading 2,7 m3 contamination pill the formation started to pack off, pressure increased from 56 bar to a final squeeze pressure of 95 bar. Stopped pumping, final static pressure 57 bar.</p> <p>Estimated TOC 2700 mMD.</p>
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