Summary report

Wellbore: 15/9-F-12 **Period: 2008-01-19 00:00 - 2008-01-20 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	117
Days Ahead/Behind (+/-):	94.8
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
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 tes t
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3520
Depth mTVD:	3107.4
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)

Attempted to pressure test 10 3/4" x 14" annulus, but found blocked communication port in wellhead. Tested shear ram while waiting for tubing puncher equipment and schlumberger personnel to arrive on the rig.

Summary of planned activities (24 Hours)

RU WL equipment and RIH with tubing puncher. Punch holes in 9 5/8" csg to get communication to 10 3/4" x 14" annulus. POOH. Run perforation guns to 3303 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	0	interruption -- waiting o n weather	ok	Waited on weather due to high winds up to 72 knop and danger for people to be present in well head module.
06:00	08:15	0	interruption -- well contr ol	ok	Waited on weather due to high winds up to 60 knop and danger for people to be present in well head module. Meanwhile inspected AFT PRS and found damage on drag chain. Barried off rig floor.
08:15	08:45	0	drilling -- ca sing	ok	Held tool box talk for testing 10 3/4" x 14" annulus. Performed line test to 20 bar to verify correct line up. Closed shear ram.
08:45	09:45	0	drilling -- ca sing	ok	Adjusted geoservices logging screen for documentation of test
09:45	10:45	0	drilling -- ca sing	ok	Pressured up to 35 bar on B-annulus. Pressured up to 175 bar with MP2 using packer fluid on csg side. Observed 17 bar pressure increase on B-annulus due to ballooning (35-52 bar) Attempted to pressure up B-annulus to 220 bar with cmt unit. Stopped pumping at 97 bar and only 16 ltrs pumped (theoretical volume to 97 bar = 280 ltr).
10:45	11:45	0	drilling -- ca sing	ok	Bled off B-annulus and csg to 0 bar and investigated surface lines. Disconnected 5K hose from cmt unit to surface wellhead and flushed through to verify no restrictions. Reconnected 5K h ose to B-annulus and performed new line test 30/225 bar 5/10 min against closed outer valve on wellhead outlet. Pressured up to 50 bar on B-annulus with only 23 ltr pumped (23 ltr corre sponds to pressuring up volume down to subsea wellhead, indicating blockage in 10 3/4" hanger annulus ports).
11:45	13:00	0	drilling -- ca sing	ok	Bled off pressure on B-annulus and had time-out to evaluate further action.
13:00	14:15	0	drilling -- ca sing	ok	Held tool box talk for testing 10 3/4" x 14" annulus. Performed line test to 20 bar to verify correct line up for both BOP kill line and B-annulus. Pressured up csg with MP2 to 50 bar/400 ltrs - Recorded 10 bar on B-annulus from cement unit. Pressured up csg with MP2 to 70 bar/155 ltrs - Recorded 12,4 bar on B-annulus from cement unit. Pressured up csg with MP2 to 156 bar/644 ltrs - Recorded 21 bar on B-annulus from cement unit. Observed leak into B-annulus at 156 bar, confirming communication through annulus ports in 10 3/4" hanger from below (recorded pressure increase above ballooning effect). Recorded 1 ,9 bar/10min pressure increase on B-annulus with 135 bar differential pressure.
14:15	18:00	0	drilling -- ca sing	ok	Had time-out to evaluate further action. Made arrangements for punching holes in 9 5/8" csg. Meanwhile logged pressure on csg and B-annulus. Recorded 0,25 bar/10min pressure increase on B-annulus with 56 bar differential pressure.
18:00	00:00	0	drilling -- ca sing	ok	Waited for tubing puncher equipment and schlumberger personnel to arrive on the rig. Bled off pressure on B-annulus from 60 to 2 bar in preparation to test shear rams. Observed pressure on csg driopping from 116 bar to 106.4 bar while bleeding off on B-annulus (due to b alloning effect). RIH with WBRT and pulled WB. RIH with 2 stds of 5" DP and test plug to 100 m MD. Sat test plug.

Drilling Fluid

Sample Time	00:00
Sample Point	Reserve pit
Sample Depth mMD	-999.99
Fluid Type	Packer fluid
Fluid Density (g/cm3)	1.03
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)	-999.99
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	140		1.03	estimated