

Summary report

Wellbore: 15/9-F-14

Period: 2008-05-26 00:00 - 2008-05-27 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	41
Days Ahead/Behind (+/-):	2.5
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
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 ():	
Pressure ():	
Date Well Complete:	2008-06-15

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.74
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2788
Depth mTVD:	2728.4
Plug Back Depth mMD:	
Depth at formation strength mMD:	2284
Depth At Formation Strength mTVD:	2281
Depth At Last Casing mMD:	2783.5
Depth At Last Casing mTVD:	2728.3

Summary of activities (24 Hours)

RIH with 10 3/4" x 9 5/8" csg from 1763 to 2640 m MD. RIH with 10 3/4" casing hanger / PADPRT assembly on 5 1/2" HWDP landing string to 2783 m. Landed 10 3/4" x 9 5/8" csg. Circulated, pumped and displaced cement. Pressure tested csg to 345 bar / 15 min.

Summary of planned activities (24 Hours)

Release and POOH with csg running string. LD cmt head and PADRT. RIH and install lock down sub. POOH. MU, RIH and set RTTS at 300 m MD. Displace well to sea water above plug. Leak test RTTS. POOH with running tool and LD same. ND diverter and BOP.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	1763	drilling -- casing	ok	RIH with 10 3/4" csg from 1218 m to 1763 m. Filled csg using FAC tool every joint. Topped up every 5 joints. Tripping speed was 7-11 jnts/hr.
06:00	15:45	2640	drilling -- casing	ok	RIH with 10 3/4" csg from 1763 m to 2640 m. Filled csg using FAC tool every joint. Topped up every 5 joints. Tripping speed was 5-11 jnts/hr. Broke circulation at shoe with 2200 lpm / 27 bar and circulated 15 min at 1700 lpm / 31 bar.
15:45	17:45	2640	drilling -- casing	ok	Held tool box meeting and RD FAC tool and changed bail. Changed to 5 1/2" HWDP handling equipment.
17:45	20:15	2640	drilling -- casing	ok	PU and MU 10 3/4" casing hanger / PADPRT assembly. Marked running tool to make sure it was not backing out. Took out master bushing and ran hanger assy through rotary. Re-installed master bushing. Removed csg tong.
20:15	21:30	2779	drilling -- casing	ok	RIH with 10 3/4" x 9 5/8" csg on 5 1/2" HWDP landing string from 2640 to 2779 m MD.
21:30	22:15	2779	drilling -- casing	ok	Ball dropped out when PU cement head. Reloaded ball and MU cmt head. Lined up and pressure tested cmt line 345 bar / 5 min.
22:15	23:00	2783	drilling -- casing	ok	Established circulation at 1500 lpm / 42 bar and washed down from 2779 m to 2783 m. Landed off 10 3/4" x 9 5/8" csg at 140.5 m and sat down 5 ton. Kept 5 ton on landing string.
23:00	00:00	2783	drilling -- casing	ok	Circulated casing volume and btrms up, a total of 1150 strks, at 1770 lpm / 53 bar loss free rate. Observed 3 m3/hr loss at 2000 lpm but had full return at 1770 lpm.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	1188		drill floor -- drilling control	0	00:00	Camera on PDM displayed a "blue and blurring" picture. Re-set HMI software to be able to see picture on the screen.

Drilling Fluid

Sample Time	16:00	21:00
Sample Point	Active pit	Active pit
Sample Depth mMD	2788	2788
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.3	1.3
Funnel Visc (s)	-999.99	-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)	23	24
Yield point (Pa)	11	9

Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2788		1.03	estimated

Casing Liner Tubing

Start Time		
End Time		
Type of Pipe	Casing	Casing
Casing Type		
Outside diameter (in)	9.625	10.75
Inside diameter (in)	8.535	9.66
Weight (lbm/ft)	53.5	60.7
Grade	13 Cr-80	13 Cr-80
Connection	Vam TOP	Vam TOP
Length (m)	1179.1	1463.9
Top mMD	1604.4	140.5
Bottom mMD	2783.5	1604.4
Description		
Comment		