

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-03 00:00 - 2009-05-04 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	28
Days Ahead/Behind (+/-):	7
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-04-06 06:00
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:	2009-06-03

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2616
Depth mTVD:	2294
Plug Back Depth mMD:	
Depth at formation strength mMD:	1389
Depth At Formation Strength mTVD:	1331.7
Depth At Last Casing mMD:	2607.5
Depth At Last Casing mTVD:	2287.5

Summary of activities (24 Hours)

M/U 13 3/8" casing hanger, washed down with casing string on 5 1/2" HWDP landing string. M/U cementing head and landed casing hanger. Performed casing cementing operations, set and leak tested seal assy. L/D cementing head.

Summary of planned activities (24 Hours)

Retrieve casing landing string. Leak test BOP. Install WB and L/D 17 1/2" drilling BHA from derrick. Slip & cut drilling line. M/U 12 1/4" drilling BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	2462	drilling -- casing	ok	Washed 13 3/8" casing down from 2357 - 2462 m; 2500 lpm, 23 - 25 bar.
06:00	07:00	2462	drilling -- casing	ok	Circulated 13 3/8" casing at 2500 lpm / 23 bar. Meanwhile held pre-job safety meeting with involved personnel prior to R/D Tesco tool and M/U casing hanger.
07:00	08:00	2462	drilling -- casing	ok	R/D Tesco CDS tool and changed to 5 1/2" DP handling equipment.
08:00	08:15	2462	drilling -- casing	ok	M/U 13 3/8" casing hanger assy.
08:15	09:00	2462	drilling -- casing	ok	Removed FMS and installed master bushing. Meanwhile established circulation at 2000 lpm / 21 bar.
09:00	09:30	2471	drilling -- casing	ok	Washed down with 13 3/8" casing from 2462 - 2471 m at 2000 lpm / 21 bar.
09:30	09:45	2471	drilling -- casing	ok	R/D casing tong.
09:45	17:15	2603	drilling -- casing	ok	M/U first stand of 5 1/2" HWDP. Broke circulation and gradually increased pump rate to 2430 lpm / 34 - 46 bar. Washed down with 13 3/8" casing from 2471 - 2603 m on 5 1/2" HWDP landing string.
17:15	17:30	2603	drilling -- casing	ok	M/U cementing head.
17:30	19:30	2607.5	drilling -- casing	ok	Broke circulation and gradually increased pump rate to 2200 lpm / 44 bar. Washed down with 13 3/8" casing from 2603 - 2607.5 m, landed hanger and set down casing weight + 8 tons.
19:30	21:30	2607.5	drilling -- casing	ok	Circulated and conditioned mud prior to casing cementing job; broke circulation and gradually increased pump rate to 2960 lpm / 64 bar, circulated a total of 1.2 x casing volumes. Mud weights in/out = 1.51 sg, no losses seen. Meanwhile held pre-job safety meeting with involved personnel prior to cementing operations, reviewed check lists and relevant safety / operational issues.
21:30	22:00	2607.5	drilling -- casing	ok	Pumped 8 m3 of base oil, followed by 20 m3 of 1.60 sg Tuned spacer E+ with rig pumps at 1200 - 1550 lpm. Displaced spacer to rig floor with 3 m3 of 1.51 sg OBM. Lined up to pump from cement unit, verified surface routing - OK.
22:00	23:00	2607.5	drilling -- casing	ok	Released bottom dart. Mixed and pumped 28 m3 of 1.90 sg cement slurry with cement unit at 800 - 900 lpm. Displaced surface cementing lines with 0.5 m3 drill water, released top dart. Flushed surface cementing lines with additional 1.5 m3 drill water. Lined up to pump 1.51 sg OBM with rig pumps.
23:00	00:00	2607.5	drilling -- casing	ok	Started to displace cement slurry in place with rig pumps at 2960 lpm / 47 bar. Unable to verify bottom wiper plug land / shear.

Drilling Fluid

Sample Time	08:30	20:00
Sample Point	Active pit	Active pit
Sample Depth mMD	2616	2616
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.51	1.51
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)	38	44
Yield point (Pa)	13.5	11
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	2616		1.01	estimated

Casing Liner Tubing

Start Time	08:45
End Time	04:45
Type of Pipe	Casing
Casing Type	Intermediate
Outside diameter (in)	13.375
Inside diameter (in)	12.347
Weight (lbm/ft)	72
Grade	P-110
Connection	Vam TOP
Length (m)	2467.2
Top mMD	140.3
Bottom mMD	2607.5
Description	17 1/2" Drilling BHA
Comment	