

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-18 00:00 - 2009-05-19 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	43
Days Ahead/Behind (+/-):	10.1
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 ():	
Pressure ():	
Date Well Complete:	2009-06-03

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.4
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3442
Depth mTVD:	2653.7
Plug Back Depth mMD:	
Depth at formation strength mMD:	2619
Depth At Formation Strength mTVD:	2296
Depth At Last Casing mMD:	3441
Depth At Last Casing mTVD:	2654

Summary of activities (24 Hours)

P/U and RIH with 8 1/2" BHA on 5" DP from surface to 627 m. Tested MWD at 627 m. Continued RIH with 8 1/2" BHA from 627 m to 1808 m. Slipped and cut drilling line. Continued RIH with 8 1/2" BHA on 5" DP from 1808 m to 2174 m. RIH with 8 1/2" BHA on 5 1/2" DP from 2174 m to 3305 m. Washed down in hole from 3305 m to 3394 m. Tagged top plug/ cement at 3394 m. Drilled plugs and soft cement in shoetrack from 3394 m to 3434 m.

Summary of planned activities (24 Hours)

Drill out shoetrack and shoe at 3439 m. Drill rathole and 3 m new formation to 3445 m. Circulate and clean out rat hole and until even MW in/ out. Pump 4 m3 LCM pill at TD. POOH to 3332 m above LCM pill. Perform FIT to 1.55 sg. Drill 8 1/2" hole from 3445 m to approx 3600 m.

Target for tomorrow at 06:00 hrs: Drilling 8 1/2" hole at 3600 m.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	3287	interruption -- other	ok	Pumped 5 m3 1,6 sg slug. Chased and allowed to settle.
00:30	02:00	2506	interruption -- other	ok	POOH with 9 5/8" RTTS on 5 1/2" DP from 3287 m to 2506 m. Reduced speed while POOH with packer in 9 5/8" liner.
02:00	05:00	19	interruption -- other	ok	POOH with 9 5/8" RTTS on 5 1/2" DP from 2506 m to 19 m. (829 m/ hr)
05:00	05:30	19	interruption -- other	ok	Removed PS-21 slips and installed master bushed. Racked back last stand in derrick.
05:30	06:00	0	interruption -- other	ok	POOH and LD RTTS assy from 19 m to surface.
06:00	06:15	0	drilling -- trip	ok	Cleaned and cleared rig floor and prepared P/U 8 1/2" BHA.
06:15	08:45	42	drilling -- trip	ok	P/U and RIH with 8 1/2" BHA from surface to 42 m. Checked communication resistance in telescope and evaluated readings. BHA consist of: PD Exceed, Ecoscope, Telescope, So nicvision and Stethoscope.
08:45	09:15	42	drilling -- trip	ok	TBT prior to radio active source activity. Loaded radioactive source in ecoscope tool.
09:15	09:45	138	drilling -- drill	ok	RIH with 8 1/2" BHA from 42 m to 138 m of which, 8x 5" HWDP, Jar and Accelerator. Installed totco ring on top of last 5" HWDP at 138 m. Weight below jar; 7,5 ton - Total BHA weight 10,5 ton.
09:45	10:00	138	drilling -- drill	ok	Removed master bushing and installed PS-21 slips.
10:00	11:00	464	drilling -- trip	ok	RIH with 5" DP from 138 m to 464 m of which, 3 stand from derrick and 15 singles P/U from cantilever.
11:00	11:15	627	drilling -- drill	ok	RIH with 8 1/2" BHA on 5" DP from 464 m to 627 m. (652 m/ hr)
11:15	12:00	627	drilling -- drill	ok	Filled pipe and tested MWD at 627 m. Test parameters: 1500 lpm/ 53 bar - 2000 lpm/ 85 bar, 30 RPM/ 1-3 kNm.
12:00	12:30	627	drilling -- drill	ok	Serviced TDS.
12:30	14:00	1808	drilling -- drill	ok	RIH with 8 1/2" BHA on 5" DP from 627 m to 1808 m. Filled pipe every 600 m. (787 m/ hr)
14:00	16:00	1808	interruption -- maintain	ok	TBT with focus on slip and cut. Slipped and cut drilling line. Calibrated block.
16:00	16:30	2174	drilling -- drill	ok	RIH with 8 1/2" BHA on 5" DP from 1808 m to 2174 m. (732 m/ hr)
16:30	16:45	2174	drilling -- drill	ok	Changed handling equipment from 5" DP to 5 1/2" DP.
16:45	18:30	3305	drilling -- drill	ok	RIH with 8 1/2" BHA on 5" DP from 2174 m to 3305 m. Filled pipe every 600 m. (646 m/ hr)
18:30	20:15	3394	drilling -- drill	ok	Washed down in hole from 3305 m to 3394 m. Parameters: 1800 lpm/ 125 bar, 30 RPM/ 10-14 kNm. Took weight and tag top plug/ cement with 7 ton WOB at 3394 m.
20:15	21:00	3395	drilling -- casing	ok	Drilled top plug/ cement from 3394 m to 3395 m. Parameters: 2000 lpm/ 150-170 bar, 30 RPM/ 11-16 kNm. WOB: 4-7 ton. ROP: 1-2 m/hr. Pulled back to 3385 m for chokedrill.
21:00	21:45	3385	drilling -- casing	ok	Performed choke drill with involved personnel at 3385 m.
21:45	00:00	3401	drilling -- casing	ok	RIH to 3395 m. Drilled top plug/ soft cement from 3394 m to 3401 m. Parameters on top plug: 1800 - 2000 lpm/ 120 - 180 bar. RPM 50/ 11-16 kNm. WOB: 2-7 ton. ROP: 0.5 - 1m/ hr. Parameters on cement: 2000 lpm/ 150-160 bar. 40 RPM/ 11-14 kNm. WOB: 2-3 ton. ROP: 20 - 25 m/ hr.

Drilling Fluid

Sample Time	14:00	23:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3442	3442
Fluid Type	Enviromul Yellow	Enviromul Yellow
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)	25	27
Yield point (Pa)	9.5	10
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)		120
Comment		