

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-12 00:00 - 2009-05-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	37
Days Ahead/Behind (+/-):	7.9
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):	103
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 (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3422
Depth mTVD:	2651.6
Plug Back Depth mMD:	
Depth at formation strength mMD:	2619
Depth At Formation Strength mTVD:	2296
Depth At Last Casing mMD:	2607.5
Depth At Last Casing mTVD:	2287.5

Summary of activities (24 Hours)

Washed and reamed in hole from 3129 m to 3319 m. Drilled 12 1/4" hole from 3319 m to 3433 m.

Summary of planned activities (24 Hours)

Drill 12 1/4" hole to 3468 m, TD of section. Circulate hole clean. POOH and LD 12 1/4" BHA. R/U and run 9 5/8" liner.

Target for tomorrow at 06:00 hrs: R/U to run 9 5/8" liner.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:00	3025	drilling -- ream	ok	Washed and reamed in hole from 2995 m to 3025 m. Parameters: 3500 lpm/ 224 bar. 30-60 RPM/ 20-25 kNm. Max torque 40 kNm. Staged pumps up slowly after each connection. Had several areas through claystone stringers with packing off tendency. Max standpipe pressure observed 230 bar. Claystone stringer from 2999 m to 3001 m and from 3009 m to 3011 m.
03:00	06:00	3139	drilling -- ream	ok	Observed better hole condition from 3025 m. Washed and reamed in hole from 3025 m to 3139 m. Parameters: 3500 lpm/ 223 -225 bar, 50 RPM/ 14-21 kNm. Attempted to wash down without rotation at 3123 m, no go.
06:00	11:00	3319	drilling -- ream	ok	Washed and reamed in hole from 3129 mMD to 3319 mMD and tagged bottom. Parameters: 3500 lpm/ 223 -225 bar, 60 RPM/ 16-23 kNm.
11:00	11:15	3319	drilling -- drill	ok	Performed SCR readings at 3319 mMD/ 2642 mTVD with MW 1,30 sg. MP#2: 20 SPM/10 Bar - 30 SPM/ 14 Bar - 40 SPM/ 20 bar. MP#3: 20 SPM/ 9 Bar - 30 SPM/ 14 Bar - 40 SPM/ 20 Bar.
11:15	00:00	3422	drilling -- drill	ok	Established drilling parameters and drilled 12 1/4" hole from 3319 m to 3422 m. Parameters: 3500 lpm/ 228 - 230 bar, 170 RPM/ 21-25 kNm, WOB: 7-13 ton, ROP: 5-13 m/hr, ECD: 1,34-1,35 sg.

Drilling Fluid

Sample Time	04:00	10:30	16:30	21:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	3320	3284	3364	3401
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.3	1.3	1.3	1.3
Funnel Visc (s)	-999.99	-999.99	-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)	20	24	24	23
Yield point (Pa)	9.5	9.5	10	9.5
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3433		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3311.3	2640.7	80.89	120.36	
3351.1	2646.1	83.52	121.19	
3389.8	2649.8	85.52	121.43	
3426.6	2652.7	85.4	121.89	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
107	Schlumberger	3319	3442	ARCVRES8	-999.99

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2758	2394.5	Lista Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
3319	3433	2641	2652		Limestone