

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-29 00:00 - 2013-04-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	55
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-03-07 17:30
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:	2013-05-09

Dist Drilled (m):	317
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3279
Depth mTVD:	2722
Plug Back Depth mMD:	
Depth at formation strength mMD:	2574
Depth At Formation Strength mTVD:	2442
Depth At Last Casing mMD:	2570.7
Depth At Last Casing mTVD:	2442

Summary of activities (24 Hours)

Drilled and orientated 8 1/2" hole from 2907 m to 3279 m

Summary of planned activities (24 Hours)

Drill 8 1/2" hole

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	2962	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 2907 m to 2962 m with 2200 lpm, 172 bar, 140-180 rpm, 15-20 kNm, WOB 4-9 MT, Gross ROP 30 m/hr, Net ROP 16 m/hr, ECD 1.37 SG. Unable to build required angle.
03:30	06:00	2986	drilling -- drill	ok	Reduced ROP to build inclination - good response. Drilled and orientated 8 1/2" hole from 2962 m to 2986 m with 2000 lpm, 144 bar, 180 rpm, 14-16 kNm, WOB 4-5 MT, Gross ROP 15 m/hr, Net ROP 10 m/hr, ECD 1.36 SG. Stepped up ROP in 2.5 m/hr increments to 15 m/hr
06:00	12:00	3070	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 2986 m to 3070 m with 2200 lpm, 175 bar, 180 rpm, 16-20 kNm, WOB 5-10 MT, Gross ROP 30 m/hr, Net ROP 14 m/hr, ECD 1.36 SG. Observed stick slip at WOB above 10 MT
12:00	14:00	3108	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 3070 m to 3108 m with 2200 lpm, 175 bar, 180 rpm, 17-22 kNm, WOB 7-9 MT, Gross ROP 25 m/hr, Net ROP 19 m/hr, ECD 1.36 SG.
14:00	14:15	3108	drilling -- drill	ok	Tared CoPilot MWD tool.
14:15	00:00	3279	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 3108 m to 3279 m with 2200 lpm, 175 bar, 180 rpm, 17-21 kNm, WOB 7-9 MT, Gross ROP 25 m/hr, Net ROP 18 m/hr, ECD 1.37 SG.

Drilling Fluid

Sample Time	02:00	08:30	14:45	20:45
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	3320	3014	2622	3258
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.28	1.28	1.28	1.28
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)	27	29	29	28
Yield point (Pa)	7	7	7	6
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	2600		.78	estimated
00:00	3279		1.04	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2934.5	2654.3	66.2	69.89	
2974.8	2669.4	69.8	69.15	
3015.4	2681.7	74.74	70.12	
3055.8	2690.7	79.61	69.88	
3096.2	2697.1	82.08	69.6	
3136.5	2702.7	82.09	69.57	
3176.8	2708.2	82.07	69.11	
3217.1	2713.8	82.13	68.98	
3257.3	2719.3	82.11	69.12	
3297.8	2724.8	82.1	69.01	

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
3327.8	2729.1	Hod Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2907	3279	2642.8	2722		Predominantly limestone with slight traces of claystone