

Summary report

Wellbore: 15/9-F-11 B

Period: 2013-06-10 00:00 - 2013-06-11 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	14
Days Ahead/Behind (+/-):	7.1
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-05-28 14:30
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:	2013-06-12

Dist Drilled (m):	426
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:	4567
Depth mTVD:	3110
Plug Back Depth mMD:	
Depth at formation strength mMD:	3192
Depth At Formation Strength mTVD:	2780
Depth At Last Casing mMD:	3192.5
Depth At Last Casing mTVD:	2780.3

Summary of activities (24 Hours)

Drilled and orientated 8 1/2" hole from 4141 m to 4567 m.

Summary of planned activities (24 Hours)

Drill to section TD and circulate hole clean. Pump out of hole 8 1/2" rotary steerable BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	4283	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4141 m to 4283 m with 2500 lpm, 243-245 bar, 1.56-1.57 sg EMW, 160 rpm, 18-26 kNm, WOB 4-8 MT, Average ROP 24 m/hr, Max gas 1.7 %
06:00	12:00	4376	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4283 m to 4376 m with 2500 lpm, 240/6 bar, 1.56-1.57 sg EMW, 160 rpm, 20-32 kNm, WOB 3-6 MT, Average ROP 16 m/hr, Max gas 1.7 %
12:00	18:00	4479	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4376 m to 4479 m with 2500 lpm, 249-252 bar, 1.56-1.57 sg EMW, 160 rpm, 20-24 kNm, WOB 5-7 MT, Average ROP 17 m/hr, Max gas 0.3 %
18:00	00:00	4567	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4479 m to 4567 m with 2500 lpm, 257 bar, 1.57-1.58 sg EMW, 160 rpm, 22-28 kNm, WOB 3-13 MT, Average ROP 15 m/hr, Max gas 1.8 %

Drilling Fluid

Sample Time	09:30	16:00	21:00
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	4361	4444	4520
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.32	1.32
Funnel Visc (s)	-999.99	-999.99	-999.99
Mf (I)			
Pm (I)			
Pm filtrate (I)			
Chloride (I)			
Calcium (I)			
Magnesium (I)			
Ph			
Excess Lime (I)			
Solids			
Sand (I)			
Water (I)			
Oil (I)			
Solids (I)			
Corrected solids (I)			
High gravity solids (I)			
Low gravity solids (I)			
Viscometer tests			
Plastic visc. (mPa.s)	38	36	35
Yield point (Pa)	12	11.5	12
Filtration tests			
Pm filtrate (I)			
Filtrate Lthp (I)			
Filtrate Hthp (I)			
Cake thickn API (I)			
Cake thickn HPHT (I)			
Test Temp HPHT (degC)	120	120	120
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3200		1.11	estimated
00:00	3361		1.29	estimated
00:00	4567		1.17	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
4205.7	2991.8	80.1	92.63	
4245.9	2998.8	80.09	90.08	
4286.4	3006.1	78.98	87.18	
4327.3	3014.4	77.61	82.49	
4367.6	3023.9	75.14	79.93	
4408.3	3035.8	70.74	78.79	
4448.3	3050.4	66.71	77.28	
4488.3	3067.7	61.74	76.29	
4528.6	3088.2	57.15	74.31	
4569.2	3111.5	52.85	72.49	
4609.2	3136.9	48.18	72.49	

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
3299	2828	Åsgard Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
4141	4567	2979.5	3097.2		Sandstone with traces of siltstone

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas peak	4187		2989.3		2.06		-999.99	-999.99	-999.99	-999.99	-999.99
00:00	drilling gas peak	4354		3021.6		2.1		-999.99	-999.99	-999.99	-999.99	-999.99
00:00	drilling gas peak	4497		3070.6		1.85		-999.99	-999.99	-999.99	-999.99	-999.99
00:00	drilling gas peak	4532		3087.9		1.73		-999.99	-999.99	-999.99	-999.99	-999.99