

Summary report

Wellbore: 15/9-F-11 B

Period: 2013-06-11 00:00 - 2013-06-12 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	15
Days Ahead/Behind (+/-):	8.8
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):	203
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:	4770
Depth mTVD:	3258
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 8 1/2" hole from 4567m to section TD at 4770 m. Circulated hole clean and POOH to 4583 m.

Summary of planned activities (24 Hours)

POOH with 8 1/2" BHA and L/D same. R/U and run 7" Liner

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	05:30	4661	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4567 m to 4661 m with 2500 lpm, 260 bar, 1.57-1.59 sg EMW, 160 rpm, 22-29 kNm, WOB 3-13 MT, Average ROP 16 m/hr, Max gas 1.7 %
05:30	10:00	4696	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4661 m to 4696 m with 2500 lpm, 255 bar, 1.56 sg EMW, 160 rpm, 25-30 kNm, WOB 10 MT, Average ROP 8 m/hr, Max gas 0.2 %
10:00	11:30	4696	interruption -- other	ok	Troubleshoot MWD tools. Worked string and circulated with 2500 lpm, 246 bar, 160 rpm, 25 kNm.
11:30	17:30	4770	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 4696 m to section TD at 4770 m with 2500 lpm, 250-255 bar, 1.56-1.57 sg EMW, 160 rpm, 25-30 kNm, WOB 7-14 MT, Average ROP 8 m/hr, Max gas 0.1 % Called TD at 17:36 hrs.
17:30	22:15	4770	drilling -- circulating conditioning	ok	Circulated hole clean with 2500 lpm, 247 bar, 160 rpm. 25-28 kNm,, 1.52 sg EMW Circulated total 5 B/U.
22:15	23:30	4770	drilling -- pressure detection	ok	Recorded roadmap torque and flow checked - Well static.
23:30	00:00	4583	drilling -- trip	ok	POOH wet from 4770 m to 4583 m. Average tripping speed 374 m/hr.

Drilling Fluid

Sample Time	04:00	09:30	13:30	21:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	4770	4689	4716	4770
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.32	1.32	1.32
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)	32	35	36	30
Yield point (Pa)	10.5	12.5	12	10
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	3200		1.11	estimated
00:00	3361		1.29	estimated
00:00	4770		1.18	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
4567	4770	3110	3257.8		Predominantly sandstone with minor siltstone intercalations

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	4564		3107.4		1.82		-999.99	-999.99	-999.99	-999.99	-999.99
00:00	drilling gas peak	4608		3136.5		1.21		-999.99	-999.99	-999.99	-999.99	-999.99
00:00	drilling gas peak	4638		3153.6		1.05		-999.99	-999.99	-999.99	-999.99	-999.99