

## Summary report

Wellbore: 15/9-F-11 A

Period: 2013-05-15 00:00 - 2013-05-16 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	2
Days Ahead/Behind (+/-):	.7
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 ():	
Pressure ():	
Date Well Complete:	2013-05-28

Dist Drilled (m):	383
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 ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3000
Depth mTVD:	2714
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 8 1/2" hole from 2617 m MD to 3000 m MD

### Summary of planned activities (24 Hours)

Drill 8 1/2" hole to 3300 m MD.

### Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	2536	interruption -- maintain	ok	Repaired leaking connection on hydraulic hose on top drive. Meanwhile: Performed general maintenance and housekeeping.
03:30	04:30	2576	drilling -- trip	ok	Held tool box talk prior to RIH. Installed PS-21 power slips. Ran in hole with 8 1/2" bottom hole assembly from 2536 m MD to 2576 m MD.
04:30	05:00	2617	drilling -- ream	ok	Washed down with 8 1/2" BHA from 2576 m MD to 2617 m MD with 1800 liter/min, 98 bar, 20 rpm, 7-10 kNm. Made up TDS and performed survey.
05:00	05:30	2617	drilling -- other	ok	Recorded slow circulation rates.
05:30	11:30	2772	drilling -- drill	ok	Drilled and oriented 8 1/2" hole from 2617 m MD to 2772 m MD with 2400 liter/min, 102-123 bar, 140 rpm, 12-16 kNm, 4-6 MT, 1.36 sg ECD. Average ROP: 26 m/hr.
11:30	00:00	3000	drilling -- drill	ok	Drilled and oriented 8 1/2" hole from 2772 m MD to 3000 m MD with 2000-2400 liter/min, 109-179 bar, 140-180 rpm, 11-18 kNm, 4-11 MT, 1.352-1.373 sg ECD. Average ROP: 18 m hr.

### Drilling Fluid

Sample Time	02:15	11:00	16:30	20:00
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	3041	2762	2876	2938
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)	34	32	31	32
Yield point (Pa)	9.5	8.5	9.5	10.5
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120

<b>Comment</b>					
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#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2624		.87	estimated
00:00	3000		1.04	estimated

#### Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2845.8	2640.9	53.64	49.59	
2885.7	2663.6	57.14	47.72	
2926.2	2683.9	62.55	46.62	
2966.3	2700.8	67.71	45.5	
3006.7	2714.5	72.54	43.49	
3047	2725.8	75.01	41.48	

#### Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2795	2826	Ekofisk Fm
2820	2625.4	Tor Fm
3118	2744.4	Hod Fm

#### Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2595	2620	2461	2480		Interbedded Claystone and Sandstone
2620	2790	2480	2607		Sandstone with minor Claystone and traces of Limestone
2790	2970	2607	2702		Limestone
2970	3000	2702	2712		Limestone