

## Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-28 00:00 - 2013-04-29 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	54
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 ():	
Pressure ():	
Date Well Complete:	2013-05-09

Dist Drilled (m):	330
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:	2907
Depth mTVD:	2642
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)

Slipped and cut drill line. RIH 8 1/2" steerable BHA on 5 1/2" DP to bottom at 2577 m. Drilled and orientated 8 1/2" hole to 2907 m.

## Summary of planned activities (24 Hours)

Drill and orientate 8 1/2" hole

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	04:00	2142	drilling -- other	ok	Slipped and cut 44 m drill line.
04:00	05:00	2142	drilling -- other	ok	Calibrated block height and cleaned and cleared rig floor.
05:00	05:30	2142	drilling -- other	ok	Removed master bushing and installed auto slips.
05:30	06:00	2142	drilling -- trip	ok	RIH 8 1/2" steerable BHA on 5 1/2" DP from 2142 m to 2546 m.
06:00	07:00	2577	drilling -- trip	ok	Broke circulation and recorded SCRs. Washed down and tagged bottom at 2577 m with 1800 lpm, 112 bar, 0 rpm - No fill or junk in hole.
07:00	11:00	2629	drilling -- drill	ok	Established drilling parameters. Drilled and orientated 8 1/2" hole from 2577 m to 2629 m with 1800 lpm, 120 bar, 60 rpm, 12-15 kNm, WOB 8 MT, Gross ROP 20 m/hr, Net ROP 13 m/hr, ECD 1.34 SG Registered de-coding problem with MWD tools.
11:00	13:00	2629	interruption -- other	ok	Troubleshoot de-coding problem with MWD tools.
13:00	20:00	2826	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 2629 m to 2826 m with 2200 lpm, 172 bar, 140 rpm, 15-18 kNm, WOB 8 MT, Gross ROP 40 m/hr, Net ROP 28 m hr, ECD 1.3 SG Top Shetland at 2822 m.
20:00	00:00	2907	drilling -- drill	ok	Drilled and orientated 8 1/2" hole from 2826 m to 2907 m with 2200 lpm, 172 bar, 180 rpm, 15-20 kNm, WOB 6-8 MT, Gross ROP 30 m hr, Net ROP 20 m hr, ECD 1.36 SG

## Drilling Fluid

Sample Time	02:30	10:15	14:45	20:30
Sample Point	Flowline	Flowline	Active pit	Flowline
Sample Depth mMD	2950	2622	2667	2820
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
M <sub>r</sub> ()				
P <sub>m</sub> ()				
P <sub>m</sub> 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)	29	23	26	30
Yield point (Pa)	7	6.5	6.5	4.5
Filtration tests				
P <sub>m</sub> filtrate ()				
Filtrate L <sub>thp</sub> ()				
Filtrate H <sub>thp</sub> ()				
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	2600		.87	estimated
00:00	2907		1.04	estimated

#### Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2612.2	2472	41.15	70.15	
2651.9	2501	45.1	70.98	
2692.1	2528.4	48.76	71.4	
2732.3	2553.8	52.97	70.96	
2773.1	2577.6	55.77	70.58	
2813	2598.9	59.65	70.32	
2853.6	2618.6	62.12	70.98	
2894.2	2637.2	63.55	70.51	

#### Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2600	2463	Ty Fm
2822	2603.3	Ekofisk Fm
2853	2619	Tor Fm

#### Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2580	2800	2447.2	2592.1		Alternating claystone and sandstone
2800	2907	2592.1	2646.3		Clystone with minor limestone and sandstone