

## Summary report

Wellbore: 15/9-F-11 B

Period: 2013-06-12 00:00 - 2013-06-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	16
Days Ahead/Behind (+/-):	10.9
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 ():	
Pressure ():	
Date Well Complete:	2013-06-12

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
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:	4770
Depth mTVD:	3257
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)

POOH with 8 1/2" BHA from 4583 m to surface and L/O same. R/U 7" liner handling equipment. P/U and M/U shoetrack.

## Summary of planned activities (24 Hours)

RIH 7" liner to 1300 m.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:15	3508	drilling -- trip	ok	POOH wet from 4583 m to 3508 m. Average tripping speed 331 m/hr.
03:15	05:00	3508	formation evaluation -- log	ok	Re-logged section across 3468 m with 30 m/hr to compare log response, bit depth from 3508 m to 3455 m.
05:00	07:15	3192	drilling -- trip	ok	POOH with 8 1/2" BHA on 5 1/2" DP wet from 3455 m to 3170 m. Average tripping speed 127 m/hr.
07:15	07:30	3170	drilling -- trip	ok	Flowchecked well for 15 min- Well static
07:30	10:00	3170	drilling -- bop activities	ok	Function tested BOPs
10:00	10:30	3170	drilling -- other	ok	Recorded torque and pipe stretch for 7" liner running.
10:30	12:00	1558	drilling -- trip	ok	Pumped slug POOH with 8 1/2" BHA on 5 1/2" DP from 3170 m to 1558 m. Average tripping speed 1290 m hr. Observed problem with zone management system.
12:00	12:30	1558	interruption -- repair	ok	Troubleshoot zone manegement system
12:30	13:45	186	drilling -- trip	ok	POOH with 8 1/2" BHA on 5 1/2" DP from 1558 m to 186 m. Average tripping speed 1097 m/hr.
13:45	14:00	186	drilling -- trip	ok	Flowchecked well for 15 min- Well static
14:00	19:45	0	drilling -- trip	ok	L/D 8 1/2" rotary steerable BHA including HWDP from 186 m to surface. Bit grading: 2, 4, WT, N, X, I, BT, TD
19:45	20:15	0	drilling -- other	ok	Cleaned and cleared rig floor.
20:15	22:15	0	drilling -- casing	ok	Held TBT. R/U 7" handling equipment.
22:15	00:00	60	drilling -- casing	ok	P/U 7" shoe joint, 3 ea. intermediate joint, float collar joint and landing collar. Verified floats function.

## Bit Record

Run No.	Bit Size	Bit Type	IADC Code	Manufacturer	Hrs Drilled	Start mMD	End mMD	Hole Made (last 24H)	Hours Drilled (last 24H)	Form ROP	Total ROP	Total Hole Made	Total Hrs Drilled
4	8.5 in	DP406X	M233	Hughes Christensen	80.5	3197	3197			19.5	19.5	1573	80.5

## Drilling Fluid

Sample Time	10:00	21:00
Sample Point	Active pit	Active pit
Sample Depth mMD	4770	4770
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.32
Funnel Visc (s)	-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		

<b>Plastic visc. (mPa.s)</b>	32	31
<b>Yield point (Pa)</b>	10.5	10.5
<b>Filtration tests</b>		
<b>Pm filtrate ()</b>		
<b>Filtrate Lthp ()</b>		
<b>Filtrate Hthp ()</b>		
<b>Cake thickn API ()</b>		
<b>Cake thickn HPHT ()</b>		
<b>Test Temp HPHT (degC)</b>	120	120
<b>Comment</b>		

#### 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

#### Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
4649.9	3164.5	44.55	68.41	
4690.3	3194.4	39.91	66.17	
4730.3	3225.6	37.45	65.09	
4757.1	3247	36.8	64.86	
4770	3257.3	36.8	64.86	

#### Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
102	Baker Hughes Inteq	3197	4770	AutoTrak - COP - AZITRAK - LITHOTRAK	-999.99

#### Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
4730	3225.3	Sleipner Fm