

## Summary report

Wellbore: 15/9-F-11 A

Period: 2013-05-28 00:00 - 2013-05-29 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	14
Days Ahead/Behind (+/-):	8.1
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):	-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:	2627
Depth mTVD:	
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 cement and new formation from 2531 m MD to 2589 m MD.

## Summary of planned activities (24 Hours)

Drill and orientate 12 1/4" hole to TD.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	2494	interruption -- other	ok	Isolated TDS hydraulically. Repaired leaking hydraulic pipe fitting and installed overhauled hydraulic cooler.
03:30	04:30	2531	drilling -- ream	ok	Washed down with 12 1/4" BHA from 2494 m MD to TOC with 1450-3400 liter/min, 27-168 bar, 90-170 rpm, 6-12 kNm, WOB 0-8 Ton. Observed hard cement at 2531 m MD
04:30	08:30	2575	drilling -- drill	ok	Drilled cement from 2531 m MD to 2575 m MD with 2807 liter/min, 164-168 bar, 155 rpm, 9-13 kNm, WOB 6-13 MT.
08:30	14:30	2627	drilling -- drill	ok	Drilled cement and new formation with restricted ROP 5 meter/hour from 2575 m MD to 2627m MD with 2807 liter/min, 164-168 bar, 155 rpm, 9-13 kNm, WOB 6-13 MT. At 11:30 hrs observed 50% new formation in returns. At 14:30 hrs observed 100% new formation in returns. Continue reporting on well F-11 B.

## Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3646		hoisting equ -- top drive	0	00:00	TDS not able to maintain rpm due to loss of power.
00:00	207		hoisting equ -- top drive	0	00:00	Discovered leak on TDS oil cooler, isolated hydraulic system and dismantled cooler.
00:00	14.3		hoisting equ -- top drive	0	00:00	Alignment cylinder

## 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
2	12.25 in	QD507X	M423	Hughes Christensen	10.4	2585	2585			19.4	18.5	264	14.3

## Drilling Fluid

Sample Time	09:00	15:00	21:00
Sample Point	Active pit	Flowline	Flowline
Sample Depth mMD	2577	2625	2730
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.28	1.28	1.28
Funnel Visc (s)	-999.99	-999.99	-999.99
Mf ()			
Pm ()			
Pm filtrate ()			
Chloride ()			
Calcium ()			
Magnesium ()			
pH			
Excess Lime ()			
Solids			
Sand ()			
Water ()			
Oil ()			
Solids ()			
Corrected solids ()			

<b>High gravity solids ()</b>			
<b>Low gravity solids ()</b>			
<b>Viscometer tests</b>			
<b>Plastic visc. (mPa.s)</b>	43	38	35
<b>Yield point (Pa)</b>	13.5	11.5	11
<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	120
<b>Comment</b>			