

## Summary report

Wellbore: 15/9-F-12

Period: 2007-07-13 00:00 - 2007-07-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	31
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-03-15 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	1369
Depth mTVD:	0
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

## Summary of activities (24 Hours)

RIH w/ 20" CSG F/812m T/1203m. R/D 20" CSG handling equipment and R/U 5½" HWDP handling equipment. P/U and ran in w/ 18 3/4" Subsea well head and positioned same below the cellar deck for attaching of the DCI frame.

## Summary of planned activities (24 Hours)

Complete attaching DCI frame to 18 3/4" Subsea well head. RIH and land of 18 3/4" Subsea well head. Prepare and cement 20" CSG. Release R/T from 18 3/4" Subsea well head, pull out of the water and rack back same. Prepare for running HP riser.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	812	drilling -- casing	ok	Continued RIH with 20" CSG. F/460m T/812m.
06:00	07:00	838	drilling -- casing	ok	Continued RIH w/ 20" CSG F/812m T/838m
07:00	07:15	838	drilling -- casing	ok	Due to incorrect torque, broke CSG jnt out and inspected threads. Meanwhile held tool box meeting with day shift.
07:15	10:15	1045	drilling -- casing	ok	Continued RIH w/ 20" CSG F/838m T/1045m. Tight spot F/923m T/937m, set off 7 - 10 MT and washed through. Started investigating problems with casing long load sensor.
10:15	12:45	1045	drilling -- casing	ok	Unable to make up CSG properly, investigated CSG tong, found fault in load censor and in software. Laid out two jnt w/ overtordued threads, Replaced same w/ jnts from deck
12:45	13:45	1083	drilling -- casing	ok	Continued RIH w/ 20" CSG F/1045m T/1083m
13:45	15:45	1095	drilling -- casing	ok	At 1083m met obstruction. Worked casing down w/ 1200 - 200 lpm and 5 - 50 MT to 1095m.
15:45	18:15	1120	drilling -- casing	ok	Continued to wash CSG down F/1095m T/1106m. Hit obstruction at 1106m washed down from 1106m to 1120m.
18:15	20:15	1203	drilling -- casing	ok	RIH w/ 20" CSG F/ 1120m T/1203m.
20:15	23:00	1203	drilling -- casing	ok	Removed 20" CSG automatic slips and installed manual 20" CSG slips. Modified automatic slips to 5½" DP slips. Removed 20" CSG elevator, bails and FAC tool. Installed balls and 5½" DP elevator.
23:00	23:15	1203	drilling -- casing	ok	Held tool box meeting prior to pick up and run in w/ 18 3/4" Subsea well head.
23:15	00:00	1203	drilling -- casing	ok	Picked up 18 3/4" Subsea well head, attempted to make up same, had problems getting 18 3/4" Subsea well head vertical without the possibility of damaging the threads.

## Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		well control equ syst -- diverter	0	00:00	Lifting bolt for diverter broke.
00:00	12		pipe handling equ syst -- elevator	0	00:00	-
00:00	214		pipe handling equ syst -- other	0	00:00	-
00:00	36		pipe handling equ syst -- elevator	0	00:00	-
00:00	52		pipe handling equ syst -- other	0	00:00	-
00:00	0		pipe handling equ syst -- drill floor tube handl syst	0	00:00	-

## Drilling Fluid

Sample Time	01:00	10:00	22:00
Sample Point	Reserve pit	Reserve pit	Reserve pit
Sample Depth mMD	1369	1369	1369
Fluid Type	Spud Mud	HPWBM	HPWBM
Fluid Density (g/cm3)	1.4	1.34	1.35
Funnel Visc (s)	90	-999.99	-999.99
Mf ()			
Pm ()			
Pm filtrate ()			
Chloride ()			
Calcium ()			
Magnesium ()			
Ph			
Excess Lime ()			
Solids			
Sand ()			
Water ()			
Oil ()			
Solids ()			

<b>Corrected solids ()</b>			
<b>High gravity solids ()</b>			
<b>Low gravity solids ()</b>			
<b>Viscometer tests</b>			
<b>Plastic visc. (mPa.s)</b>	-999.99	-999.99	-999.99
<b>Yield point (Pa)</b>	-999.99	-999.99	-999.99
<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 ()</b>			
<b>Comment</b>			