

## Summary report

Wellbore: 15/9-F-12

Period: 2007-08-13 00:00 - 2007-08-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	62
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):	102
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.48
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2842
Depth mTVD:	2701.9
Plug Back Depth mMD:	
Depth at formation strength mMD:	2506
Depth At Formation Strength mTVD:	2419.5
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

## Summary of activities (24 Hours)

Drilled 12 1/4" hole from 2766 m to 2771 m MD. Repaired damage in die carriers on TDS. Continued drilling 12 1/4" hole from 2771 to 2872 m MD.

## Summary of planned activities (24 Hours)

Drill 12 1/4" hole from 2872 m to TD. Circulate well clean. POOH and rack back BHA.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2637.8	formation evaluation - log	ok	POOH and correlated into setting depth at 2637.8 m and 2608.5 m. Took pressure readings with Stetho Scope at 2619.5 m and 2591 m according to Schlumberger instruction s.
01:00	02:00	2740	drilling -- drill	ok	RIH with 12 1/4" BHA to current TD. Down linked to MWD tools and set power drive.
02:00	06:00	2766	drilling -- drill	ok	Drilled 12 1/4" hole from 2740 m to 2766 m MD with 1.35 sg OBM, 3430-3565 lpm, 208-215 bar, 150 rpm, 22-40 kNm, 5-7 MT WOB, ECD 1.38, ROP 2-10 m/hr. Down linked and performed survey as required.
06:00	07:30	2771	drilling -- drill	ok	Drilled 12 1/4" hole from 2766 m to 2771 m MD with 1.35 sg OBM, 3390 lpm, 215 bar, 150 rpm, 22-40 kNm, 8 MT WOB, ECD 1.38, ROP 8 m hr. Down linked and performed survey as required.
07:30	12:30	2771	interruption -- other	ok	RB one std and repaired damaged die carriers on TDS.
12:30	19:00	2811	drilling -- drill	ok	Drilled 12 1/4" hole from 2771 m to 2811 m MD with 1.35 sg OBM, 3480-3560 lpm, 220-224 bar, 150-170 rpm, 18-45 kNm, 5-9 MT WOB, ECD 1.38, ROP 4-14 m hr. Down linked and performed survey as required. Meanwhile built stds of 5" DP in derrick with forward PRS.
19:00	19:30	2811	interruption -- other	ok	Had problem with PRS ZMS system. Circulated while rectifying problem.
19:30	00:00	2842	drilling -- drill	ok	Drilled 12 1/4" hole from 2811 m to 2842 m MD with 1.35 sg OBM, 3560 lpm, 220-224 bar, 150 rpm, 30-37 kNm, 7-10 MT WOB, ECD 1.38, ROP 2-14 m hr. Down linked and performed survey as required. Meanwhile built stds of 5" DP in derrick with forward PRS.

## Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2771		pipe handling equ syst -- drill floor tube handle syst	0	00:00	Mærsk Synergi #85482 - incident - Mærsk grading Green 1 - Dies on pipehandler fell out. The dies from the TDS pipehandler came out while unscrewing TDS due to torque wrench not unclamping. Repaired die carrier and implemented new procedure to release
00:00	2811		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	During connection the forward PRS blocked the way of the aft PRS.

## Drilling Fluid

Sample Time	04:00	14:00	21:00
Sample Point	Flowline	Active pit	Flowline
Sample Depth mMD	2764	2780	2822
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.35	1.36	1.36
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>	28	27	27
<b>Yield point (Pa)</b>	9	9	10
<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>			

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2520		1.05	estimated
00:00	2591		.87	estimated
00:00	2872		1.04	estimated

#### Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2738.8	2625.7	36.82	115.77	
2779.3	2657	41.55	113.83	
2820	2686.5	45.63	112.36	

#### Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2766	2872	2650	2722		Limestone