

## Summary report

Wellbore: 15/9-F-12

Period: 2007-08-24 00:00 - 2007-08-25 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	73
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 (degC):	74.5
Pressure (psig):	4989.4
Date Well Complete:	2007-08-26

Dist Drilled (m):	63
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3520
Depth mTVD:	3106.6
Plug Back Depth mMD:	
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3113
Depth At Last Casing mTVD:	2865.6

### Summary of activities (24 Hours)

Circulated well clean. Pumped out to 9 5/8" liner shoe.Took a total of 15 pressure points w/ Schlumberger Stethoscope on way in.

### Summary of planned activities (24 Hours)

Completing taking pressure points. POOH with 8 1/2" drill assy. Rig up to RIH w/ 7" liner and RIH w/ 7" liner.

### Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	3480	drilling -- drill	ok	Continued drilling 8 1/2" hole from 3457 m to 3480 m . Parameters: 2200 lpm, 208-215 bars SPP 130-140 rpm, 17-23 KNm, 3-8 MT WOB, 15-28 m/hr ROP, 1.46-1.47 ECD.
01:00	01:30	3441	interruption -- maintain	ok	Wash pipe leaked. Pulled 1 stand up to 3441m and installed a pump in sub. Established circulation at 1900 lpm @ 205 bars. Had good returns over the shakers with cuttings.
01:30	03:30	3480	interruption -- maintain	ok	Held tool box talk prior to change out wash pipe. Replaced wash pipe. M/U 1 stand of DP and established rotation at 60 rpm @ 1800 lpm and washed down to 3480m.
03:30	05:45	3520	drilling -- drill	ok	Continued drilling 8 1/2" hole from 3480 m to 3520 m . Parameters: 2200 lpm, 214-217 bars SPP 140 rpm, 19-23 KNm, 3-6 MT WOB, 28 m hr ROP, 1.47 ECD.
05:45	06:00	3520	drilling -- circulating conditioning	ok	Commenced circulating well clean reciprocating and rotating the string with 2200 lpm @ 160-180 RPM up, 1800 lpm @ 80 rpm down.
06:00	11:00	3520	drilling -- circulating conditioning	ok	Continued circulating the well clean while reciprocating and rotating the string, with 2200 lpm @ 160-180 RPM up, 1800 lpm @ 80 rpm down.
11:00	14:00	3158	drilling -- trip	ok	Flow checked well, well static. Simultaneously installed PS-21 auto slips & wiper rubber. POOH pumping 700 lpm from 3520m to 3158m.
14:00	00:00	3352	drilling -- trip	ok	Initiated Stethoscope and commenced taking pressure points according to Schlumberger procedure. Took 6 pressure points before midnight

### Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3430		service equ -- mud logging equ	0	00:00	During taking pressure points in reservoir. Geoservices unit shut down due to two gas detectors activated. Caused by water in or on of two the gas detectors. The gas detector was overridden and the unit was re-booted. The geoservices unit having one gas det

### Drilling Fluid

Sample Time	04:00	10:00	22:00
Sample Point	Active pit	Active pit	Active pit
Sample Depth mMD	3507	3520	3520
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.4	1.4	1.4
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 ()			
High gravity solids ()			
Low gravity solids ()			
Viscometer tests			

<b>Plastic visc. (mPa.s)</b>	30	30	29
<b>Yield point (Pa)</b>	10.5	10.5	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>			

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3114		1.29	estimated
00:00	3490.4		1.14	estimated

#### Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
103	Schlumberger	3114	3520	TST6FPWD - ECOSCOPE - TELESCOPE	-999.99

#### Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
3499	3520	3093.9	3107.5		Sandstone/siltstone with Limestone and traces of Claystone