

## Summary report

Wellbore: 15/9-F-12

Period: 2007-07-10 00:00 - 2007-07-11 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	28
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:	1344
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	251
Depth At Last Casing mTVD:	251

## Summary of activities (24 Hours)

Circulated Hi-vis out of hole w/ SW at 5010 lpm, 180 bars. POOH to 994m, took weight. RIH F/ 994m T/ 1369m. Had to work string through tight spots at 1093, 1102, 1246, 1267, 1291, 1309, 1333. Pumped 30 m<sup>3</sup> Hi-vis, btm's up w/ SW, 25 m<sup>3</sup> Hi-vis, 1.5 btm's w/ SW. Pumped 200 m<sup>3</sup> 1.4 SG mud. POOH F/ 1369m T/ 1002m.

## Summary of planned activities (24 Hours)

POOH to top Utsira, displace well to 1.4 SG mud. POOH to surface. Remove/pull CTS funnel. Prepare/run 20" CSG.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	1369	drilling -- drill	ok	Continued circulate hole clean with SW 4500 lpm 165 bar, 80 rpm, 8 - 12 KNm. Mud pump #3 out of services.
00:30	03:15	1262	drilling -- drill	ok	Mud pump #3 up running. Increased rate to 5478 lpm, 224 bars, 80 rpm, started to ream out of hole 1 std/hr, 22 - 28 KNm, Hook load 145 MT, no overpull. At 1324m stopped rotation, no overpull. Pumped out of hole to 1313 m took OP of 20 MT, started to rotate 80 rpm. Continued ream out of hole 1 std/hr F/ 1220 m T/ 1262 m, 5478 lpm, 222 - 226 bars, 80 rpm, 8 - 28 KNm, Hook load 140 - 145 MT.
03:15	04:45	1220	drilling -- drill	ok	Racked back second std. Continued POOH T/ 1220 m, pumped 40 m <sup>3</sup> of hi-vis, and displaced same OOH with SW, 5478 lpm, 217 bars, 80 rpm, 8 - 10 KNm, Hook load 140 - 145 MT, no overpull
04:45	06:00	1095	drilling -- drill	ok	POOH w/ 144 MT hook load F/ 1220m T/1095 12min/std. Pumped 40 m <sup>3</sup> Hi-vis.
06:00	07:30	1095	drilling -- drill	ok	Circulated Hi-vis out of hole w/ SW at 5010 lpm, 180 bars.
07:30	13:45	1093	drilling -- drill	ok	POOH to 994 m, took over pull of 15 MT. Ran back in hole, met obstruction at 1093m, worked string, 333 - 5000 lpm, 3 - 179 bars, 5 - 15 rpm, 6 - 9 KNm. Lined up tool face high side, pumped 5000 lpm 179 bars, passed obstruction at 1093m. RIH F/ 1093m T/ 1101m.
13:45	15:30	1101	drilling -- drill	ok	Pumped 10 m <sup>3</sup> Hi-vis followed by 1.5 btm's up w/ SW, 5000 lpm, 179 bars, 50 rpm, 5 - 8 KNm.
15:30	16:30	1142	drilling -- drill	ok	RIH took weight at 1102 m rotated string, 330 lpm, 1 bar, 10 rpm, 13 - 15 KNm. Lined up tool face high side, 5000 lpm, 179 bars, passed obstruction. RIH F/ 1102m T/ 1142 m.
16:30	18:00	1142	drilling -- drill	ok	Pumped 10 m <sup>3</sup> Hi-vis and circulated out same 5000 lpm, 179 bars. Rotated & reciprocated pipe F/1142 m T/ 1100m.
18:00	22:00	1369	drilling -- drill	ok	RIH F/ 1142 m T/ 1369 m. Worked string, rotating/sliding high side. 3076 - 5010 lpm 82 - 190 bars, 0 - 20 rpm, 0.5 - 20 KNm.
22:00	00:00	1369	drilling -- drill	ok	Pumped 30 m <sup>3</sup> Hi-vis, one btm's up w/ SW, 25 m <sup>3</sup> Hi-vis, 1.5 btm's up w/ SW. 5500 lpm, 226 bars, 80 rpm. Rotated & reciprocated pipe F/ 1369m T/ 1355m.

## Drilling Fluid

Sample Time	01:00	15:00	16:00	22:00
Sample Point	Reserve pit	Reserve pit	Reserve pit	Reserve pit
Sample Depth mMD	1369	1369	1369	1369
Fluid Type	Spud Mud	Spud Mud	Spud Mud	Spud Mud
Fluid Density (g/cm3)	1.05	1.4	1.05	1.4
Funnel Visc (s)	150	110	155	100
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				
Plastic visc. (mPa.s)	-999.99	-999.99	-999.99	-999.99
Yield point (Pa)	-999.99	-999.99	-999.99	-999.99
Filtration tests				
Pm filtrate ()				
Filtrate Ltsp ()				
Filtrate Htsp ()				
Cake thickn API ()				

<b>Cake thickn HPHT ()</b>			
<b>Test Temp HPHT ()</b>			
<b>Comment</b>			