Summary report

Wellbore: 15/9-F-11 T2 **Period: 2013-04-13 00:00 - 2013-04-14 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	39
Days Ahead/Behind (+/-):	
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:	2013-05-09

Dist Drilled (m):	35
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1400
Depth mTVD:	
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

Summary of activities (24 Hours)

Drilled shoetrack and 3 meter new formation.
Perform FIT.
Drill ahead.

Summary of planned activities (24 Hours)

Drill 17 1/2".

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	1365	drilling -- drill	ok	Drilled firm cement from 1365 m to 1368 m with 3700 l/min, 190 bar, 60-90 RPM, 5-20 kNm, WOB 3-10 Ton. Cleaned out rathole 3 times.
02:00	02:30	1368	drilling -- drill	ok	Drilled new formation from 1365 m to 1368 m with 3700 l/min, 188 bar, 90 RPM, 2-8 kNm, WOB 5-10 Ton.
02:30	04:00	1368	drilling -- circulating conditioning	ok	Pulled bit inside shoe. Circulated until even MW in out 1,40 sg with 3700 liter/min, 180 bar, 20 rpm, 5 kNm.
04:00	07:30	1368	formation evaluation -- rft/fit	ok	Performed pre-job meeting prior to FIT. Confirmed line up down string through TDS. Attempted to pressure test surface lines against upper / lower IBOP. No test obtained. Disconnected TDS and installed pump in sub. Attempted to pressure test surface lines against pump in sub. No test obtained.
07:30	12:00	1368	formation evaluation -- rft/fit	ok	Performed internal test of cement unit. Not able to obtain good test. Investigated problems on unit. By-passed shutt-off valve. Obatined good pressure test on cement unit. Meanwhile: Circulated and pumped with 3500 liter/min, 173 bar, 60 rpm, 7-9 kNm. Performed pre-job meeting prior to FIT.
12:00	12:30	1368	formation evaluation -- rft/fit	ok	Lined up to pump down string through TDS Pressure tested lines to 30 / 200 bar - 5 /10 minutes. Spaced out and closed upper pipe ram. Performed FIT to 1,55 sg EMW using 1,40 sg mud. Pumped 320 liter from 5 bar to 20 bar at cement unit with 40 liter/min. Bled back 320 liter.
12:30	13:30	1368	drilling -- ream	ok	Washed and reamed rathole with 4420 l/min, 256 bar, 60 RPM, 5-6 kNm
13:30	15:00	1400	drilling -- drill	ok	Drilled 17 1/2" hole from 1368 m to 1400 m with 3675-4455 l/min, 188-257 bar, 60-140 RPM, 7-15 kNm, WOB 5 Ton, ECD 1,446-1,449 sg. 5 ea. cuttings screw conveyors plugged up.
15:00	00:00	1400	drilling -- other	ok	Worked with unplugging cuttings screw conveyors. Meanwhile: Monitored well on trip tank and worked string from 1324 m to 1360 m.

Drilling Fluid

Sample Time	02:00	09:00	15:00	16:00	21:00
Sample Point	Active pit	Flowline	Flowline	Flowline	Active pit
Sample Depth mMD	1346	1368	1400	1400	1346
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.4	1.4	1.4	1.4	1.4
Funnel Visc (s)	-999.99	-999.99	-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					
Plastic visc. (mPa.s)	33	34	33	32	33
Yield point (Pa)	9.5	6.5	8	10	8.5
Filtration tests					
Pm filtrate ()					
Filtrate Lthp ()					
Filtrate Hthp ()					
Cake thickn API ()					
Cake thickn HPHT ()					
Test Temp HPHT (degC)	120	120	120	120	120
Comment					

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1400		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1365	1390	1340	1363		Claystone
1390	1400	1363	1371		Claystone