

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-14 00:00 - 2013-04-15 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	40
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):	100
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1500
Depth mTVD:	
Plug Back Depth mMD:	
Depth at formation strength mMD:	1358
Depth At Formation Strength mTVD:	1334
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

Summary of activities (24 Hours)

Drilled 17 1/2" hole from 1400 m to 1500 m. Waited on weather.

Summary of planned activities (24 Hours)

Drill 17 1/2" to TD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	1400	drilling -- other	ok	Worked with unplugging cuttings screw conveyors. Established circulation with 4500 liter/min, 280 bar. Shakers and cuttings screw conveyors handled returns as required. Meanwhile: Monitored well on trip tank and worked string from 1324 m to 1360 m. Up / down weights 130 / 115 Ton.
02:00	05:30	1400	interruption -- other	ok	Washed down from 1360 m to 1400 m with 4400 liter/min, 274 bar, 60 rpm, 8 kNm. Performed survey. Rupture disk tripped on MP #1 and MP #2. Replaced rupture discs.
05:30	16:00	1500	drilling -- drill	ok	Drilled 17 1/2" hole from 1400 m to 1500 m with 3990-4300 l/min, 165-246 bar, 100-140 RPM, 7-11 kNm, WOB 1-3 Ton, ECD 1,434-1,448 s g.
16:00	00:00	1500	interruption -- waiting on weather	ok	Waited on weather. Not able to back load cuttings from ISO tanks to supply vessel due to heavy wind and sea. Meanwhile: Circulated hole clean at 1500 meter with 4300 liter/min, 248 bar. Pulled back into shoe. Circulated with 1440 liter/min, 35 bar. Picked up and racked back 5 1/2" DP.

Drilling Fluid

Sample Time	02:00	12:00	21:00
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	1500	1500	1500
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
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			
Plastic visc. (mPa.s)	34	34	37
Yield point (Pa)	8	8.5	9
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			

Cake thickn HPHT ()			
Test Temp HPHT (degC)	120	120	120
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1500		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1385.2	1358.6	23.67	277.93	
1427.2	1396.6	26.97	267.61	
1467.5	1432.1	29.83	259.66	
1486.2	1448.2	30.96	259.61	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1400	1440	1372	1408		Claystone
1440	1470	1408	1434		Claystone
1470	1500	1434	1460		Claystone

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas peak	1422		1391.9		.37		3818	0	0	2	0
00:00	drilling gas peak	1449		1414.9		.45		4661	0	0	2	0
00:00	drilling gas peak	1492		1453.1		.43		4403	3	0	2	0