Summary report

Wellbore: 15/9-F-10 **Period: 2009-04-14 00:00 - 2009-04-15 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	9
Days Ahead/Behind (+/-):	3
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-04-06 06:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2009-06-03

Dist Drilled (m):	252
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
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:	1341
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	201.7
Depth At Last Casing mTVD:	201.7

Summary of activities (24 Hours)

Drilled 26" hole section from 1265 m to section TD at 1400 m MD. Circulated well clean. Displaced well to 1,40 sg KCl mud to above Utsira. POOH with 26" BHA from TD to 540 m MD. Worked tight areas in Skade and Utsira. Displaced well above Utsira to 1,40 sg KCl mud. POOH to 146 m MD.

Summary of planned activities (24 Hours)

Pull and rack back 26" drilling BHA. Rig up for running 20" casing. Run 20" casing to 800 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	1265	drilling -- drill	ok	Drilled 26" hole / slided from 1148 m to 1265 m MD. Drilling parameters : Flow 3000-4000 lpm / SPP 150-180 bar/ 115-200 RPM / WOB 8-20 MT / Torque 5-15 kNm / ROP 10-20 m/hr. Reamed 2 last stands drilled in order to cater for drilling the Skade formation. Pumped 2-3 hivis pills per stand.
06:00	12:15	1400	drilling -- drill	ok	Drilled 26" hole / slided from 1265 m to section TD at1400 m MD. Drilling parameters : Flow 3500-4500 lpm / SPP 130-190 bar/ 100-170 RPM / WOB 5-20 MT / Torque 5-20 kNm / ROP 40-150 m/hr. Pumped 2-3 x 30 m3 hivis pills per stand. Perfomed MWD survey on every connection. Maintained toolface highside when drilling Skade sand. Top Skade at 1234 m MD and base Skade at 1364 m MD.
12:15	14:30	1400	drilling -- circulating conditioning	ok	Circulated hole clean. Pumped 2 x 30 m3 hivis pills. Reciprocated stand between 1400 m and 1384 m MD. Parameters : Flow 4500 lpm / SPP 180-190 bar / 170-220 RPM / Torque 9-14 k Nm.
14:30	15:45	1400	drilling -- circulating conditioning	ok	Displaced well partly to put 1,40 sg KCl mud to above Utsira formation. Pumped a total of 252 m3 KCl mud. Parameters : Flow 4500 lpm / SPP 205-215 bar / 170 RPM / Torque 7-14 kNm.
15:45	19:30	1223	drilling -- trip	ok	POOH with 26" drilling BHA from 1400 m to 1223 m MD. Took 30-50 MT overpull when pulling through Skade sand. Worked string with rotation/flow as limited by torque and overpull. Paramaters : Flow 200-1000 lpm / SPP 2-5 bar / 20-30 RPM / Torque 10-35 kNm. String free with normal weight when bit above Skade sand.
19:30	20:30	958	drilling -- trip	ok	POOH with 26" drlling BHA from 1223 to 958 m MD.
20:30	00:00	916	drilling -- trip	ok	Encounterd thight hole at 958 m MD, took 20-30 MT overpull. Worked string with rotation/flow as limited by torque and overpull. Parameters : Flow 200-800 lpm / SPP 2-5 bar / 30 RPM / Torque 6-28 kNm.

Drilling Fluid

Sample Time	16:00	22:00
Sample Point	Reserve pit	Reserve pit
Sample Depth mMD	1400	1400
Fluid Type	KCl/Polymer/Glycol	Spud Mud
Fluid Density (g/cm3)	1.41	1.05
Funnel Visc (s)	-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)	-999.99	-999.99
Yield point (Pa)	-999.99	-999.99
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		

Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1233.3	1194.7	28.79	118.8	
1273.7	1229.7	31	118.14	
1314.4	1265	28.73	118.71	
1355.2	1301.1	27.17	119.64	
1381.6	1324.5	27.47	120.39	