Summary report

Wellbore: 15/9-F-10 **Period: 2009-05-10 00:00 - 2009-05-11 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	35
Days Ahead/Behind (+/-):	7.9
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):	10
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.4
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3319
Depth mTVD:	2642
Plug Back Depth mMD:	
Depth at formation strength mMD:	2619
Depth At Formation Strength mTVD:	2296
Depth At Last Casing mMD:	2607.5
Depth At Last Casing mTVD:	2287.5

Summary of activities (24 Hours)

Drilled 12 1/4" hole from 3314 m to 3319 m. Had minor progress in ROP, decided to POOH for bitchange. POOH with 12 1/4" BHA from 3319 m to 2889 m. Worked through tight area at 2889 m. POOH with 12 1/4" BHA to surface. Changed to new 12 1/4" bit. RIH with 12 1/4" BHA from surface to 1992 m. Filled pipe every 600 m.

Summary of planned activities (24 Hours)

RIH with 12 1/4" BHA from 1992 m to TD at 3319 m. Continue drilling 12 1/4" hole from 3319 m to TD of section.

Target for tomorrow at 06:00 hrs: Drilling 12 1/4" hole at 3410 m.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	3315	drilling -- drill	ok	Drilled 12 1/4" hole from 3309 m to 3315 m; 3500 lpm, 219 - 222 bar, WOB 12 - 15 tons, 120 - 190 rpm, 18 - 26 kNm, ECD 1.33 - 1.34 sg. ROP 0,5 - 2 m/hr Note: Top Shetland and hard formation from 3266 m. Attempted to optimise ROP by using different RPM and WOB parameters.
06:00	12:30	3319	drilling -- drill	ok	Drilled 12 1/4" hole from 3315 m to 3319 m; 3500 lpm, 217 - 219 bar, WOB 12 - 15 tons, 120 - 190 rpm, 19 - 28 kNm, ECD 1.33 - 1.34 sg. ROP 0,5 - 1 m/hr. Had minor progress in ROP last 2 hours, and decided to POOH. Note: Top Shetland and hard formation from 3266 m. Attempted to optimise ROP by using different RPM and WOB parameters.
12:30	13:00	3319	drilling -- drill	ok	Flow checked well prior to POOH. Observed loss of 70 l/ 30 min.
13:00	14:00	3083	drilling -- trip	ok	POOH wet with 12 1/4" BHA from 3319 m to 3083 m. Recorded up/ down weight prior to POOH; 185 ton/ 133 ton.
14:00	14:15	3083	drilling -- trip	ok	Pumped 5 m3 1,60 sg slug. Meanwhile checked PRS dies.
14:15	14:45	2889	drilling -- trip	ok	POOH with 12 1/4" BHA on 5 1/2" DP from 3083 m to 2889 m. Took weight at 2889 m, max OP 30 ton. Note: 2889 m, limestone stringer at transition zone Heimdal/ Lista formations.
14:45	16:15	2850	drilling -- trip	ok	Reamed tight area at 2889 m with no pump. String torqued up to 40 kNm/ 30 rpm. Established circulation with 500 lpm/ 39 bar. Increased flowrate stepwise to 3500 lpm/ 225 bar - 15 rpm/ 13 kNm. Pumped out from 2889 m to 2875 m.
16:15	17:15	2595	drilling -- trip	ok	POOH wet with 12 1/4" BHA from 2875 m to 2595 m inside 13 3/8" shoe. No obstruction in rest of OH and shoe area.
17:15	17:45	2595	drilling -- trip	ok	Flowchecked well inside shoe, static. Meanwhile performed service on TDS and aft PRS.
17:45	18:00	2595	drilling -- trip	ok	Pumped 5 m3 1,60 sg slug.
18:00	18:30	2595	interruption -- maintain	ok	Continued servicing TDS, PRS and drawwork.
18:30	21:30	192	drilling -- trip	ok	POOH with 12 1/4" BHA on 5 1/2" DP from 2595 m to 192 m.
21:30	22:00	192	drilling -- trip	ok	Removed PS-21 slips and installed master bushing. Performed kick drill with involved personnel.
22:00	22:15	192	drilling -- trip	ok	Flowchecked well prior to POOH with BHA. Meanwhile repaired loose connection on drawwork motor # 2.
22:15	23:15	192	interruption -- other	ok	Continued to repair loose connection on drawwork motor # 2. Meanwhile observed well on trip tank.
23:15	00:00	100	drilling -- trip	ok	POOH with 12 1/4" BHA from 192 m to 100 m.

Drilling Fluid

Sample Time	02:00	10:30	16:00	21:00
Sample Point	Flowline	Flowline	Active pit	Active pit
Sample Depth mMD	3250	3318	3319	3320
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.3	1.3	1.3	1.3
Funnel Visc (s)	-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)	19	22	21	22
Yield point (Pa)	9	9	9.5	9
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	120	120	120	120
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3319		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
3315	3319	2641	2641.6		