Summary report

Wellbore: 15/9-F-10 **Period: 2009-05-08 00:00 - 2009-05-09 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	33
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):	387
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:	3212
Depth mTVD:	2619.5
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 2902 m to 3280 m.

Summary of planned activities (24 Hours)

Finish drilling 12 1/4" section at approx 3440 m.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:15	2825	drilling -- trip	ok	Reamed and washed down from 2780 m to 2825 m, whilst setting toolface. Parameters; 3000 lpm/ 182 bar - 60 rpm/ 13 kNm.
01:15	06:00	2902	drilling -- drill	ok	Drilled 12 1/4" hole from 2825 to 2902 m; 3500 lpm, 228 - 230 bar, WOB 6 - 14 tons, 170 rpm, 18 - 24 kNm, ECD 1.33 - 1.34 sg. ROP 25 m/hr. Note: Hard formation from 2889 m to 2892 m. Started adding LCM mud into active when started drilling.
06:00	00:00	3212	drilling -- drill	ok	Drilled 12 1/4" hole from 2902 to 3212 m; 3500 lpm, 225 - 230 bar, WOB 5 - 8 tons, 170 rpm, 18 - 25 kNm, ECD 1.34 - 1.36 sg. ROP 20-40 m/hr Note: Hard stringers from 3013 m to 3022 m, 3153 m to 3156 m. Used different RPM and WOB parameters while drilling stringers. ROP in stringers: 2-5 m/hrs

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2825		service equ -- special service equ	0	00:00	Schlumberger Xceed tool failed while drilling 12 1/4" hole. The tool was set in a HIA mode (Hold Inc, Az.) from 2626 - 2773 m. Suspicions were aroused when a slight build tendency was seen and the Xceed did not counteract. The Xceed was then set into a 10%
00:00	2758		drill floor -- drilling control	0	00:00	Shut down on mudpumps. Troubleshot on mudpump. 1/2 hour operational downtime.
00:00	2595		drill floor -- draw works	0	00:00	Troubleshoot on draw-work motor # 4.

Drilling Fluid

Sample Time	03:30	10:30	15:45	21:30
Sample Point	Flowline	Flowline	Active pit	Flowline
Sample Depth mMD	2821	2821	2644	3164
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)	25	26	26	25
Yield point (Pa)	10	8.5	7.5	9.5
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	3280		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2916.7	2498	54.14	124.5	
2947.7	2515.6	56.47	123.94	
2988.1	2537	59.76	123.25	
3028.4	2556.4	62.56	121.73	
3068.3	2573.7	65.91	121.12	
3108.6	2589	69.51	120.26	
3149.2	2602.3	72.22	120.17	
3192.6	2615	73.84	119.84	
3230.2	2624.6	76.5	120.17	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
103	Schlumberger	2616	2598	ARCVRES8	-999.99
105	Schlumberger	2598	3319	ARCVRES8	-999.99

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2825	2888	2440	2480		Claystones with traces of Limestone
2888	2899	2480	2487		Claystone with Limestone and Sandstone (Heimdal Fm)
2899	3266	2487	2632		Sandstones with Claystone stringers and trace Limestone (Ty Fm)