Summary report

Wellbore: 15/9-F-10 **Period: 2009-05-26 00:00 - 2009-05-27 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	51
Days Ahead/Behind (+/-):	10
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):	355
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
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:	4523
Depth mTVD:	2734
Plug Back Depth mMD:	
Depth at formation strength mMD:	3439
Depth At Formation Strength mTVD:	2654
Depth At Last Casing mMD:	3441
Depth At Last Casing mTVD:	2654

Summary of activities (24 Hours)

Drilled 8 1/2" hole from 4266 m to 4549 m MD. Stopped drilling due to lakage on DCI manifold. Circulated hole clean. Waited on spare parts from town.

Summary of planned activities (24 Hours)

Wait on spare parts from town. Repair DCI manifold. Drill 8 1/2" hole section from 4549 m to 4800 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:15	4170	drilling -- drill	ok	Drilled 2-3 m 8 1/2" hole to 4170 m MD. Observed no right hand response on Powerdrive with 60% right setting.
00:15	02:30	4205	drilling -- drill	ok	Downlinked Powerdrive to 80% right hand setting. Drilled 8 1/2" hole section from 4170 m to 4205 m MD. Drilling parameters : Flow 2500 lpm / SPP ~205 bar / 200 RPM / WOB 7-9 MT / Torque 20-22 kNm / ROP 20 m/hrs. Obtained right hand movement and change in azimuth from 113 to 117 deg.
02:30	06:00	4266	drilling -- drill	ok	Drilled 8 1/2" hole section from 4205 m to 4266 m MD. Drilling parameters : Flow 2500 lpm / SPP ~207-210 bar / 200 RPM / WOB 9-11 MT / Torque 20-25 kNm / ROP 20-25 m/hrs. Performed MWD survey on connections. Downlinked powerdrive according to DDs instructions.
06:00	08:30	4306	drilling -- drill	ok	Drilled 8 1/2" hole section from 4266 m to 4306 m MD. Drilling parameters : Flow 2500 lpm / SPP ~213 bar / 200 RPM / WOB 10-12 MT / Torque 20-26 kNm / ROP 25-28 m/hrs. Performed MWD survey on connection. Downlinked powerdrive according to DDs instructions.
08:30	09:00	4306	drilling -- other	ok	Inspected, serviced and greased TDS.
09:00	19:00	4482	drilling -- other	ok	Drilled 8 1/2" hole section from 4306 m to 4482 m MD. Drilling parameters : Flow 2800 lpm / SPP ~240 bar / 200 RPM / WOB 9-12 MT / Torque 21-23 kNm / ROP 20-25 m/hrs. Performed MWD survey on connection. Downlinked powerdrive according to DDs instructions. Attmepted to reduce torque by adding Baralube to the mud, obtained no recordable difference.
19:00	00:00	4523	drilling -- drill	ok	Got problems with DCI system not processing cuttings properly. Picked off bottom and shut down pumps. Discussed situation and decided to continue drilling routing cuttings to skips. Routed cuttings to skips on deck. Continued drilling 8 1/2" hole section from 4482 m to 4523 m MD with reduced penetration rate. Drilling parameters : Flow 2800 lpm / SPP 255-260 bar / 200 RPM / WOB ~7 MT / Torque 18-22 kNm / ROP 10 m/hrs. Performed MWD survey on connection. Meanwhile changed impellers on DCI pumps.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3863		hoisting equ -- top drive	0	00:00	Temporary fix on air blower hose on TDS. The hose was buckled which may cause unsufficient cooling on TDS motors.

Drilling Fluid

Sample Time	03:00	09:00	15:00	21:00
Sample Point	Active pit	Active pit	Active pit	Active pit
Sample Depth mMD	4210	4306	4370	4485
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.31	1.31	1.31	1.31
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)	32	34	34	33
Yield point (Pa)	14	12.5	12.5	13
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	4549		1.07	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
4252.8	2715.3	85.54	123.01	
4291.7	2718.2	85.85	128.42	
4334.3	2721.3	85.82	131.37	
4374.6	2724.2	86.06	131.14	
4415.1	2726.9	86.05	131.5	
4455.4	2729.7	86.17	131.51	
4495.7	2732.1	86.83	131.74	
4535.6	2734	87.71	131.8	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
108	Schlumberger	3695.5	4750	TELESCOPE	-999.99

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
4230	4540				Interval of variably hard limestone with occasional thin claystone horizons .