

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-25 00:00 - 2009-05-26 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	50
Days Ahead/Behind (+/-):	10.1
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 (kPa):	
Date Well Complete:	2009-06-03

Dist Drilled (m):	352
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 (in):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	4168
Depth mTVD:	2708
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 3863 m to 4266 m MD.

Summary of planned activities (24 Hours)

Drill 8 1/2" hole from 4266 to 4600 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:45	3839	drilling -- drill	ok	Drilled 8 1/2" hole section from 3816 m to 3839 m MD. Drilling parameters : Flow 2200 lpm / SPP ~150 bar / 200 RPM / WOB 7-9 MT / Torque 20-25 kNm / ROP 17 m/hr. Perfomed MWD survey on connections.
01:45	02:15	3839	drilling -- drill	ok	Due to 0.6 m3 gain in active, picked off bottom. Lined up trip tanks and flowchecked - well static.
02:15	04:15	3863	drilling -- drill	ok	Drilled 8 1/2" hole section from 3839 m to 3863 m MD. Drilling parameters : Flow 2200 lpm / SPP 155 bar / 200 RPM / WOB 7-9 MT / Torque 20-25 kNm / ROP 17 m hr. Picked off bottom and recessed operation for repair of TDS blower hose (air cooling system).
04:15	06:00	3863	interruption -- other	ok	Made temporary repair on buckled air blower hose on TDS. Meanwhile circulated at 1500 lpm / SPP 81 bar while rotating at 20 RPM.
06:00	06:15	3863	interruption -- other	ok	Made temporary repair on buckled air blower hose on TDS.
06:15	22:30	4159	drilling -- drill	ok	Drilled 8 1/2" hole section from 3863 m to 4159 m MD. Drilling parameters : Flow 2200-2500 lpm / SPP 190-208 bar / 200 RPM / WOB 9-13 MT / Torque 20-25 kNm / ROP 18-28 m/hr. . Performed MWD survey on connections. Downlinked Powerdrive according to DD instructions.
22:30	23:15	4167	drilling -- drill	ok	Drilled 8 1/2" hole section from 4159 m to 4167 m MD. Observed continuos left hand tendency of Powerdrive despite 20% right setting. Reduced ROP to 10 m/hr and attempted to set Powerdrive to 60% right - still observed left hand tendency. Picked off bottom and reamed stand while confering with Schulmberger support centre.
23:15	00:00	4168	drilling -- drill	ok	As recommended by support centre, sent 3 consecutive downlinks to Powerdrive : 1.Reset / 2.Hold / 3.60% right.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2369		drill floor -- draw works	0	00:00	Hard trip on drawwork.

Drilling Fluid

Sample Time	03:00	10:30	15:00	21:00
Sample Point	Active pit	Active pit	Active pit	Active pit
Sample Depth mMD	3850	3926	4018	4102
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)	29	30	31	34

Yield point (Pa)	12.5	12	12	12.5
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				
Test Temp HPHT (degC)	150	150		150
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	4266		1.07	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3843	2638.6	85.56	122.62	
3890.2	2687.3	85.54	123.89	
3928.3	2690.3	85.45	124.71	
3969.7	2693.6	85.33	125.47	
4009.5	2696.8	85.54	126.31	
4049.9	2700.1	85.02	127.2	
4091.1	2703.2	86.28	125.6	
4132.1	2705.9	86.08	118.05	
4172.5	2709	85.25	113.91	
4212.8	2712.2	85.63	119.43	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3850	4220				Interval of variably hard limestone; very slightly argillaceous in places. Rare, very thin claystone horizons also occur.