

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-24 00:00 - 2009-05-25 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	49
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):	120.5
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:	3816
Depth mTVD:	2681.5
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)

RIH with 8 1/2" drilling BHA from 1722 m to 3695 m MD. Drilled 8 1/2" hole from 3695 m to 3863 m MD. Recessed drilling for temporary fix of TDS blower hose.

Summary of planned activities (24 Hours)

Drill 8 1/2" hole from 3863 m to 4200 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:45	135	drilling -- trip	ok	Picked up and made up 2 x 6 7/8" NMDC and AST tool. Picked up and made up 2 x 5 1/2" HWDP singles. Made up stand of jar/5" HWDP and stand of accelerator/5" HWDP. Installed totco ring.
01:45	02:00	135	drilling -- other	ok	Removed master bushing and installed auto slips.
02:00	03:00	581	drilling -- drill	ok	RIH with 8 1/2" drilling BHA on 5" DP from 135 m to 581 m MD.
03:00	03:30	581	drilling -- other	ok	Made up TDS. Filled DP with 1,30 sg OBM at 2700 lpm. Tested MWD and Powedrive exceed - ok.
03:30	04:30	1190	drilling -- drill	ok	RIH with 8 1/2" drilling BHA on 5" DP from 581 m to 1190 m MD.
04:30	04:45	1190	drilling -- drill	ok	Made up TDS and filled DP with 1,30 sg OBM.
04:45	05:15	1190	drilling -- other	ok	Serviced and greased TDS.
05:15	06:00	1722	drilling -- drill	ok	RIH with 8 1/2" drilling BHA on 5" DP from 1190 m to 1722 m MD.
06:00	06:15	1763	drilling -- drill	ok	RIH with 8 1/2" drilling BHA on 5" DP from 1722 m to 1763 m MD.
06:15	06:45	1763	drilling -- other	ok	Changed from 5" to 5 1/2" handling equipment. Made up TDS and filled DP.
06:45	07:15	2369	drilling -- drill	ok	RIH with 8 1/2" drilling BHA on 5 1/2" DP from 1763 to 2369 m MD. Tripping speed 1000 m/hr. Drawwork stopped by sudden incident.
07:15	07:30	2369	interruption -- other	ok	Investigated hard trip of drawworks.
07:30	07:45	2369	drilling -- other	ok	Made up TDS and filled pipe.
07:45	08:45	2974	drilling -- drill	ok	RIH on 5 1/2" DP from 2369 m to 2974 m MD. Ran carefully across liner top at 2506 m MD. Tripping speed 600 m/hr
08:45	09:00	2974	drilling -- other	ok	Made up TDS and filled pipe.
09:00	10:00	3618	drilling -- drill	ok	RIH on 5 1/2" DP from 2974 m to 3618 m MD. Tripping speed 650 m hr.
10:00	10:15	3695	drilling -- other	ok	Made up TDS and filled pipe.
10:15	11:15	3695	drilling -- drill	ok	Washed down from 3618 m to 3695 m MD. Parameters : 2400 lpm / SPP 190 bar / 60 RPM / Torque 14 kNm.
11:15	11:30	3695	drilling -- drill	ok	Took SCR's before start drilling. Jetted bottom of hole.
11:30	16:00	3705	drilling -- drill	ok	Drilled 8 1/2" hole section from 3695 m to 3705 m MD. Drilling parameters : Flow 2400 lpm / SPP 180-188 bar / 200 RPM / WOB 2-4 MT / Torque 15-20 kNm / ROP 2-3 m hr. Penetration limited by stick/slip. Perfomed MWD survey on connection.
16:00	00:00	3816	drilling -- drill	ok	Issued consent to drill ahead under severe stick/slip conditions. Drilled 8 1/2" hole section from 3705 m to 3816 m MD. Drilling parameters : Flow 2200 lpm / SPP 150-160 bar / 200 RPM / WOB 7-9 MT / Torque 20-30 kNm / ROP 17-20 m hr. Perfomed MWD survey on connections.

Drilling Fluid

Sample Time	16:00	21:00
Sample Point	Active pit	Active pit
Sample Depth mMD	3700	3745
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.31	1.31
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)	32	32
Yield point (Pa)	12	12
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	150	150
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3862.5		1.07	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3688	2672	85.91	122.41	
3728.3	2677.8	86.2	119.37	
3768.9	2677.8	85.37	119.94	
3809.7	2681	85.57	120.88	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
3690	3840				Interval of variably hard limestone; very slightly argillaceous in places. Rare, very thin claystone horizons also occur