

Summary report

Wellbore: 15/9-F-14

Period: 2008-05-13 00:00 - 2008-05-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	28
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (I):	
Pressure (I):	
Date Well Complete:	2008-06-15

Dist Drilled (m):	561
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.38
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2129
Depth mTVD:	2128.5
Plug Back Depth mMD:	
Depth at formation strength mMD:	1186
Depth At Formation Strength mTVD:	1186
Depth At Last Casing mMD:	1076.9
Depth At Last Casing mTVD:	1076.5

Summary of activities (24 Hours)

Drilled 17 1/2" hole section from 1725 m to 2209 m MD.

Summary of planned activities (24 Hours)

Drill 17 1/2" hole section from 2209 m to TD. Circulate well clean with 2 bottoms up. POOH with 17 1/2" drilling BHA. Lay down drilling BHA.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	1725	drilling -- drill	ok	Drilled 17 1/2" hole section from 1568 m to 1725 m MD. Drilling parameters : Flow 4000-4200 lpm / SPP 142-163 bar / Rotation 160 rpm / WOB 4-6 MT / Torque 12-15 kNm / ECD 1,29-1,30 / ROP 35-40 m/hrs. Meanwhile laid out 5 1/2" HWDP landing string using fwd PRS, fwd IR and foxhole.
06:00	08:30	1782	drilling -- drill	ok	Drilled 17 1/2" hole section from 1725 m to 1782 m MD. Drilling parameters : Flow 4000-4200 lpm / SPP 142-163 bar / Rotation 160 rpm / WOB 3-5 MT / Torque ~10 kNm / ECD 1,29-1,31 / ROP 40 m/hrs. Started to increase MW from 1,27 sg to 1,30 sg.
08:30	08:45	1782	drilling -- other	ok	Heard loud bang in drilling module. Picked off bottom and investigated situation. Found that pressure on BOP tensioner cylinders had dropped to 31 bar. Pressurized back to 45 bar. No leaks found.
08:45	17:00	1964	drilling -- drill	ok	Continued drilling 17 1/2" hole section from 1782 m to 1964 m MD. Drilling parameters : Flow 4200-4500 lpm / SPP 175-198 bar / Rotation 160 rpm / WOB 4-5 MT / Torque ~11 kNm / ECD 1,31-1,32 / ROP 25-45 m/hrs.
17:00	17:15	1964	drilling -- drill	ok	Took SCR's.
17:15	00:00	2129	drilling -- drill	ok	Continued drilling 17 1/2" hole section from 1964 m to 2129 m MD. Drilling parameters : Flow 4500 lpm / SPP ~199 bar / Rotation 160 rpm / WOB 4-8 MT / Torque 11-13 kNm / ECD 1,32-1,33 / ROP 40-50 m/hrs. MW in/out 1,30 sg. Initiated steering by dowlinking powerdrive at approx 2105 m MD.

Drilling Fluid

Sample Time	04:00	09:00	16:00	22:00
Sample Point	Active pit	Flowline	Flowline	Active pit
Sample Depth mMD	1680	1781	1940	2091
Fluid Type	HPWBM	HPWBM	HPWBM	HPWBM
Fluid Density (g/cm3)	1.27	1.29	1.3	1.3
Funnel Visc (s)	-999.99	-999.99	-999.99	-999.99
Mf (I)				
Pm (I)				
Pm filtrate (I)				
Chloride (I)				
Calcium (I)				
Magnesium (I)				
Ph				
Excess Lime (I)				
Solids				
Sand (I)				
Water (I)				
Oil (I)				
Solids (I)				
Corrected solids (I)				
High gravity solids (I)				
Low gravity solids (I)				
Viscometer tests				
Plastic visc. (mPa.s)	31	30	31	29
Yield point (Pa)	16	14	13.5	15.5
Filtration tests				
Pm filtrate (I)				
Filtrate Lthp (I)				
Filtrate Hthp (I)				
Cake thickn API (I)				
Cake thickn HPHT (I)				
Test Temp HPHT (I)				
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2209		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1581.1	1580.6	.1	138	
1662.1	1661.6	.08	140.33	
1742	1741.5	.1	232.58	
1823.1	1822.6	.13	208.12	
1903.1	1902.6	.1	52.44	
1984.5	1984.1	.09	83.07	
2065.9	2065.5	.09	126.97	
2146.2	2145.7	2.38	12.69	
2186.3	2185.7	5.6	18.72	

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2137	2136.5	Grid Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth TVD	End Depth TVD	Shows Description	Lithology Description
1680	1860				Claystone with minor sandstone and traces of limestone
1870	1970				Claystone with minor limestone and traces of sandstone
1980	2130				Claystone with minor sandstone and interbedded limestone
2140	2190				Sandstone with interbedded claystone and limestone traces