

Summary report

Wellbore: 15/9-F-15 A

Period: 2008-12-12 00:00 - 2008-12-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	2
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2008-12-11 15:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature (°):	
Pressure (°):	
Date Well Complete:	

Dist Drilled (m):	294
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.5
Dia Last Casing (°):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1761
Depth mTVD:	1703
Plug Back Depth mMD:	
Depth at formation strength mMD:	1381
Depth At Formation Strength mTVD:	1349
Depth At Last Casing mMD:	1368.4
Depth At Last Casing mTVD:	

Summary of activities (24 Hours)

Drilled 17 1/2" hole from 1525 m to 1833 m MD.

Summary of planned activities (24 Hours)

Drill 17 1/2" hole section from 1883 m to 2133 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	1478	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1467 m to 1478 m MD. Obtained first good survey at 1478 m MD. Drilling parameters : 4500 lpm / SPP 228 bar / 3 MT WOB / 80-100 RPM / Torque 10 kNm / ECD 1,43-1,44. Attempted to increase ROP to 20 m/hrs, resulted in blockaged in cuttings injection system (active tank). Dercreased ROP to 15 m/hrs as dictated by cuttings handling. Downlinked powerdrive according to DD instructions.
02:00	06:00	1525	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1478 m to 1525 m MD. Drilling parameters : 4500 lpm / SPP 227 bar / 2-3 MT WOB / 130 RPM / Torque 9-12 kNm / ECD 1,43-1,44. Controlled ROP to 18 m/hrs as dictated by cuttings handling. Downlinked powerdrive according to DD instructions.
06:00	11:30	1608	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1525 m to 1608 m MD. Drilling paramaters : 4500 lpm / SPP 236 bar / 3-4 MT WOB / 130 RPM / torque 10 kNm / ECD 1,44-1,45 Controlled ROP to 18 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions.
11:30	15:00	1635	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1608 m to 1635 m MD. Got problems with cuttings handling. Mill loop on active tank got blocked. Worked to unblock line. Meanwhile continued drilling at lower ROP and routed cuttings to skips as required. Drilling parameters : 4000 lpm / SPP 195 bar / 2-3 MT WOB / 130 RPM / torque 8-10 kNm / ECD 1,44. Controlled ROP to 5-10 m/hrs as dictated by cuttings handling and toubleshooting.
15:00	00:00	1761	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1635 m to 1761 m MD. Drilling paramaters : 4500 lpm / SPP 237-244 bar / 4-6 MT WOB / 130 RPM / Torque 7-13 kNm / ECD 1,44-1,45. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions.

Drilling Fluid

Sample Time	05:00	10:00	16:30	21:30
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	1518	1590	1645	1721
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.43	1.43	1.43	1.43
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)	31	31	34	31
Yield point (Pa)	14.5	12	13.5	12.5
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	1830		1	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1544.7	1502.5	20.59	191.38	
1585.1	1540.3	20.99	178.97	
1625.7	1578.1	21.09	170.74	
1665.8	1615.7	20.92	158.84	
1705.9	1652.9	22.42	151.37	
1746.3	1689.9	24.93	148.42	
1786.8	1726.2	27.61	144.53	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1735	1801	1676.6	1738.7		Claystone with Dolomite stringers

Gas Reading Information

Time	Class	Depth to Top mMD	Depth to Bottom MD	Depth to Top mTVD	Depth to Bottom TVD	Highest Gas (%)	Lowest Gas ()	C1 (ppm)	C2 (ppm)	C3 (ppm)	IC4 (ppm)	IC5 (ppm)
00:00	drilling gas peak	1718		1664		.44		4069	11	2	2	10