

Summary report

Wellbore: 15/9-F-15 A

Period: 2008-12-13 00:00 - 2008-12-14 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	3
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):	286
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:	2047
Depth mTVD:	1957
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 1833 m to 2134 m MD.

Summary of planned activities (24 Hours)

Drill 17 1/2" hole from 2134 m to 2420 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:30	1801	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1761 m to 1801 m MD. Drilling paramaters : 4500 lpm / SPP 245 bar / 6-8 MT WOB / 130 RPM / torque 10-13 kNm / ECD 1,43-1,44. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions. Had problems with spooling on PRS lift wire drums.
03:30	04:00	1801	interruption -- other	ok	Removed flush joint elevator on PRS in order to fix spooling problem. Ran gripper head to floor and re-spoiled drums. Meanwhile reamed on stand and downlinked powerdrive.
04:00	06:00	1833	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1801 m to 1833 m MD. Drilling paramaters : 4500 lpm / SPP 246 bar / 5-7 MT WOB / 130 RPM / torque 12 kNm / ECD 1,43-1,44. Controlled ROP to 20 m/hrs due to cuttings handling.
06:00	06:30	1841	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1833 m to 1841 m MD. Drilling parameters : 4500 lpm / SPP 248 bar / 6 MT WOB / 140 RPM / torque 8-12 kNm / ECD 1,44. Controlled ROP to 20 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions.
06:30	11:15	1841	interruption -- waiting on weather	ok	Waited on weather. Winds > 65 knots, i.e. in excess for PRS operational limit. Meanwhile performed MWD survey and downlinked powerdrive. Reciprocated on stand from 1841 m to 1801 m MD. Parameters : 3000 lpm / SPP 120 bar / 50 RPM / torque 9 kNm / ECD 1,43-1,44.
11:15	00:00	2047	drilling -- drill	ok	Drilled and oriented 17 1/2" hole from 1841 m to 2047 m MD. Drilling parameters : 4500 lpm / SPP 252-258 bar / 2-6 MT WOB / 140 RPM / torque 11-14 kNm / ECD 1,44-1,46. Controlled ROP to 20-22 m/hrs due to cuttings handling. Performed MWD survey on connections. Downlinked powerdrive according to DD instructions.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	1801		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	Problems with spooling for PRS.

Drilling Fluid

Sample Time	04:30	11:00	16:00	22:30
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	1805	1841	1956	2021
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)	33	34	34	32
Yield point (Pa)	14	14.5	15	14
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	2135		1	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1826.8	1761.6	39.95	144.09	
1868	1798.1	41.28	144.1	
1908.3	1833.9	40.27	143.98	
1948.2	1869.4	39.85	144.66	
1988.7	1905.4	40.53	144.42	
2028.5	1940.7	39.85	146	
2068.6	1976.2	40.03	150.64	

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2205	2099.5	Grid Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1801	2034	1738.7	1945.5		Claystones with Dolomite stringers
2034	2097	1945.5	2001.6		Claystones 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	2030		1941.8		.52		4864	21	5	3	2