

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-04-19 00:00 - 2013-04-20 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	45
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-03-07 17:30
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:	2013-05-09

Dist Drilled (m):	80
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.55
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2046
Depth mTVD:	1945
Plug Back Depth mMD:	
Depth at formation strength mMD:	1358
Depth At Formation Strength mTVD:	1334
Depth At Last Casing mMD:	1357.7
Depth At Last Casing mTVD:	1334

Summary of activities (24 Hours)

Waited on weather to transfer cuttings to supply vessel  
Continuously tranfered cuttings to supply vessel.  
RIH on 5 1/2" DP and drilled 17 1/2" hole to 2046 m

Summary of planned activities (24 Hours)

Drill 17 1/2" hole to section TD at 2567 m

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	15:30	1308	interruption -- waiting on weather	ok	Waited on weather to back load cuttings.  Meanwhile: Circulated with 1420 lpm, 33 bar, 0 rpm.
15:30	17:00	1308	drilling -- other	ok	Called in supply vessel and back loaded cuttings from ISO pumps.
17:00	19:00	1950	drilling -- trip	ok	Held TBT. RIH on 5 1/2" DP from 1308 m to 1950 m.  Meanwhile: Back loaded cuttings to supply vessel
19:00	19:30	1365	drilling -- trip	ok	Washed down from 1950 m to 1965 m with 3300 lpm, 183 bar, 40 rpm, 8 kNm. Recorded SCRs at 1965 m.  Meanwhile: Back loaded cuttings to supply vessel
19:30	21:30	1984	drilling -- drill	ok	Established drilling parameters. Drilled and orientated 17 1/2" hole from 1966 m to 1984 m at reduced ROP to establish rig solids control system running with cuttings prior to swiching to ISO pump system. Drilling parameters: 4300 lpm, 275 bar, 120 rpm, 10-12 kNm, WOB 5-6 MT, Inst ROP 15 m/hr, ECD 1.44 SG.  Meanwhile: Back loaded cuttings to supply vessel
21:30	00:00	2046	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 1984 m to 2046 m with 4300 lpm, 275 bar, 140 rpm, 12-15 kNm, WOB 8-10 MT, Inst ROP 35 m/hr, ECD 1.44 SG.  Meanwhile: Back loaded cuttings to supply vessel

Drilling Fluid

Sample Time	01:30	15:00	20:40	22:20
Sample Point	Flowline	Flowline	Flowline	Flowline
Sample Depth mMD	2086	1966	2409	2006
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.4	1.4	1.4	1.4
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)	30	34	32	34
Yield point (Pa)	9.5	9	8.5	9

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	2046		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1992.1	1891.6	11.66	266.24	
2032.4	1931.3	8.11	271.93	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1966	2020	1866.2	1919.1		Claystone with minor Limestone/Dolomite stringers
2020	2046	1919.1	1944.8		Claystone with minor Limestone/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	2003		1901.4		1.31		15198	13	3	0	0