Summary report

Wellbore: 15/9-F-11 T2 **Period: 2013-04-20 00:00 - 2013-04-21 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	46
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 ():	
Pressure ():	
Date Well Complete:	2013-05-09

Dist Drilled (m):	429
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 ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2475
Depth mTVD:	2360
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)

Drilled and orientated 17 1/2" hole from 2046 m to 2475 m.

Summary of planned activities (24 Hours)

Drill 17 1/2" hole to TD and circulate hole clean.
POOH and L/O 17 1/2" BHA.
Retrieve wear bushing and R/U csg. running equioment.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:00	2113	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2046 m to 2113 m with 4300 lpm, 285 bar, 140 rpm, 13-15 kNm, WOB 9-11 MT, Inst ROP 35 m/hr, ECD 1.44 SG. Meanwhile: Back loaded cuttings to supply vessel
03:00	06:00	2178	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2113 m to 2178 m with 4230 lpm, 283 bar, 140 rpm, 12-16 kNm, WOB 8-10 MT, Inst ROP 35 m/hr, ECD 1.43 SG. Meanwhile: Back loaded cuttings to supply vessel
06:00	11:30	2290	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2178 m to 2290 m with 4252 lpm, 282 bar, 140 rpm, 16-19 kNm, WOB 12-16 MT, Inst ROP 35 m/hr, ECD 1.43 SG. Meanwhile: Back loaded cuttings to supply vessel
11:30	16:00	2330	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2290 m to 2330 m with 4230 lpm, 282 bar, 140 rpm, 16-19 kNm, WOB 9-11 MT, Inst ROP 10 m/hr, ECD 1.42 SG. Meanwhile: Back loaded cuttings to supply vessel Flushed U-tube with fresh mud
16:00	19:00	2378	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2330 m to 2378 m with 4250 lpm, 283 bar, 140 rpm, 15-17 kNm, WOB 9-12 MT, Inst ROP 25 m/hr, ECD 1.43 SG. Identified Balder formation at 2373 m. Meanwhile: Back loaded cuttings to supply vessel
19:00	00:00	2475	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2378 m to 2475 m with 4300 lpm, 287 bar, 140 rpm, 20-25 kNm, WOB 18-20 MT, Inst ROP 25 m/hr, ECD 1.43 SG. Meanwhile: Back loaded cuttings to supply vessel

Drilling Fluid

Sample Time	02:00	09:00	15:00
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	2520	2280	2323
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.4	1.4	1.4
Funnel Visc (s)	-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)	29	34	34
Yield point (Pa)	7	8.5	9
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			
Cake thickn HPHT ()			
Test Temp HPHT (degC)	120	120	120
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2475		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2072.5	1971.1	5.75	285.2	
2095.2	1993.8	4.24	297.12	
2112.8	2011.3	3.09	311.26	
2134.7	2033.2	2.75	335	
2152.9	2051.4	3.55	356.57	
2193.1	2091.4	5.67	33.34	
2234	2132	8.75	52.64	
2274.3	2171.6	12.46	62.25	
2314.3	2210.5	15.1	65.66	
2355.2	2249.6	18.24	66.51	
2395.5	2287.5	21.66	68.45	
2435.6	2324.3	25.01	68.01	
2475.9	2360.3	28.81	66.94	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
102	Baker Hughes Inteq	1365	2475	OnTrak	-999.99

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
2221	2119.1	Grid Fm
2373	2266.5	Balder Fm .
2435	2323.8	Sele Fm
2511	2390.6	Lista Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
2046	2221	1844.8	2119.1		Claystone with Limestone/Dolomite stringers
2221	2290	2119.1	2186.9		Very fine to medium Sandstone
2290	2310	2186.9	2206.3		Claystone with Limestone/Dolomite stringers
2310	2373	2206.3	2273.2		Vari-coloured Claystone with Limestone/Dolomite stringers
2373	2435	2273.2	2323.8		Claystone with Tuff and Limestone/Dolomite stringers
2435	2475	2323.8	2359.5		Claystone with Trace Lmestone/Dolomite

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	2221		2118.1		.7		7858	0	10	0	0