Summary report

Wellbore: 15/9-F-11 T2 **Period: 2013-04-18 00:00 - 2013-04-19 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	44
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):	154
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:	1966
Depth mTVD:	1866
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 1812 m to 1966 m.
WOW:
Unable to backload cuttings due to high wind and sea.
Circulated hole clean and POOH to 1320 m inside 20" shoe at 1358 m.
Back loaded 35 m3 from ISO pump system to supply vessel.
Stood off supply vessel and WOW

Summary of planned activities (24 Hours)

Drill 17 1/2" hole to TD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	05:00	1944	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 1812 m to 1944 m with 4300 lpm, 270 bar, ECD 1.44 sg, WOB 5-7 MT, 140 rpm, 13-15 kNm, Inst. ROP 40 m/hr, Average ROP 26 m/hr.
05:00	06:00	1963	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 1944 m to 1963 m at reduced ROP due to cuttings handling system with 4000 lpm, 240 bar, ECD 1.44 sg, WOB 4 MT, 140 rpm, 12-13 kNm, Inst. ROP 30 m/hr, Average ROP 19 m/hr. Last survey: 1950.9m MD, 15.46 incl, 264.1 azimuth
06:00	06:30	1966	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 1963 m to 1966 m with 4000 lpm, 240 bar, ECD 1.44 sg, WOB 4 MT, 140 rpm, 12-13 kNm, Inst. ROP 30 m/hr. Unable to back load cuttings from ISO pumps to supply vessel due to high wind and sea state. Commenced circulating hole clean.
06:30	08:00	1966	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Circulated hole clean while reciprocating and rotating string with 4300 lpm, 267 bar, 120 rpm, 9 kNm, ECD 1.43 sg.
08:00	10:00	1898	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Racked back 5 1/2" DP stand. Circulated hole clean while reciprocating and rotating string with 4300 lpm, 267 bar, 120 rpm, 9 kNm, ECD 1.42 sg.
10:00	10:30	1898	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Held TBT and flowchecked well for 15 min - well static.
10:30	12:00	1320	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. POOH with 5 1/2" DP wet from 1898 m to 1320 m inside 20" shoe.
12:00	12:30	1320	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Flow checked well for 15 min - well static
12:30	20:00	1318	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Meanwhile: Circulated with 1400 lpm, 30 bar, 0 rpm.
20:00	21:00	1318	drilling -- other	ok	Called in supply vessel and hook up ISO pumps overboard hose. Meanwhile: Circulated with 1400 lpm, 30 bar, 0 rpm. Function tested BOP
21:00	22:00	1308	drilling -- other	ok	Back loaded cuttings from ISO pump # 1 to supply vessel. Meanwhile: Pulled back 10 m and circulated with 1400 lpm, 30 bar, 0 rpm.
22:00	23:00	1308	drilling -- other	ok	Back loaded cuttings from ISO pump # 2 to supply vessel. Cuttings transfer line plugged-up after 15 m3 pumped. Cleared lines and stood off supply vessel due to heavy wind and sea. Meanwhile: Circulated with 1400 lpm, 30 bar, 0 rpm. Held PDSA meeting with all available personale
23:00	00:00	1308	interruption -- waiting on weather	ok	Waited on weather to back load cuttings. Meanwhile: Circulated with 1420 lpm, 33 bar, 0 rpm. Held PDSA meeting with all available personale

Drilling Fluid

Sample Time	09:00	12:00	21:30
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	1822	1966	1966
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)	34	34	34
Yield point (Pa)	9.5	9	10.5
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	1966		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1830.4	1738.6	25.02	261.22	
1870.6	1775.5	21.55	260.33	
1910.9	1813.4	18.65	261.1	
1950.9	1851.6	15.46	264.1	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1812	1860	1722	1766		Claystone with Limestone stringers
1860	1966	1766	1866		Claystone with Limestone stringers and rare Sandstone

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	1913		1814.4		1.8		22022	31	8	2	0
00:00	drilling gas peak	1949		1848.8		1.3		15517	22	7	0	0