Summary report

Wellbore: 15/9-F-11 T2 **Period: 2013-04-21 00:00 - 2013-04-22 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	47
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):	100
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:	2574
Depth mTVD:	2442
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 17 1/2" hole to section TD at 2574 m. POOH and L/O 17 1/2" steerable BHA.

Summary of planned activities (24 Hours)

RIH retrieve seat protector. R/U casing equipment and RIH 14" casing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:00	2540	drilling -- drill	ok	Drilled and orientated 17 1/2" hole from 2475 m to 2540 m with 4300 lpm, 292 bar, 140 rpm, 20-25 kNm, WOB 18-20 MT, Inst ROP 35 m/hr, ECD 1.44 SG. Identified Lista formation at 2512 m Meanwhile: Back loaded cuttings to supply vessel
03:00	06:00	2570	drilling -- drill	ok	Drilled hole clean from 2540 m to 2570 with 4250 lpm, 290 bar, 140 rpm, 15-20 kNm, WOB 7-10 MT, Inst ROP 10 m/hr, ECD 1.43 SG.
06:00	07:30	2574	drilling -- drill	ok	Drilled hole clean from 2570 to 17 1/2" section TD at 2574 m with 4250 lpm, 290 bar, 140 rpm, 15-20 kNm, WOB 7-10 MT, Inst ROP 10 m/hr, ECD 1.43 SG. Final TD called at 07:20 hrs.
07:30	12:00	2464	drilling -- circulating conditioning	ok	Circulated hole clean with 4286 lpm, 289 bar, 140 rpm, 11-15 kNm, ECD 1.42 SG. Circulated total 3 B/U racking one 5 1/2" DP stand on every B/U while increasing mud weigth 2 points to 1.42 sg. Meanwhile: Back loaded cuttings to supply vessel and stood off same. 4 empty ISO pumps onboard.
12:00	14:00	2169	drilling -- trip	ok	Flow checked well for 15 min - well static. POOH 17 1/2" BHA on 5 1/2" DP 10 stands wet from 2464 m to 1354 m.
14:00	16:30	1354	drilling -- trip	ok	Pumped slug and POOH 17 1/2" BHA on 5 1/2" DP from 2169 m to 1354 m. No overpull observed.
16:30	18:30	272	drilling -- trip	ok	POOH 17 1/2" BHA on 5 1/2" DP/HWDP from 1354 m to 272 m. Flow checked for 15 min - Well Static.
18:30	22:30	0	drilling -- trip	ok	Held TBT. POOH 17 1/2" BHA from 272 m to surface. Racked back 2 x 8 1/4" DC stands and layed out remaining 17 1/2" BHA. Bit grading: 1.3.WT.G.X.I.BT.TD
22:30	00:00	0	drilling -- other	ok	Cleaned and cleared drill floor. Isolated drilling equipment, inspected and serviced same

Bit Record

Run No.	Bit Size	Bit Type	IADC Code	Manufacturer	Hrs Drilled	Start mMD	End mMD	Hole Made (last 24H)	Hours Drilled (last 24H)	Form ROP	Total ROP	Total Hole Made	Total Hrs Drilled
9	17.5 in	QD506X	M323	Hughes Christensen	56.9	1365	1365			21.2	19.4	1312	67.5

Drilling Fluid

Sample Time	03:30	12:00	22:00
Sample Point	Active pit	Flowline	Active pit
Sample Depth mMD	2574	2574	2574
Fluid Type	Enviromul Yellow	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.42	1.42	1.42
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)	33	33	33
Yield point (Pa)	9	9	9
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			
Cake thickn HPHT ()			
Test Temp HPHT (degC)	120	120	120
Comment			

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
2516.2	2395.1	31.89	67.2	
2556.4	2428.4	36	68.22	
2559.5	2430.9	36.31	68.07	

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	2515		2393.2		1.1		12540	299	64	7	4