Summary report

Wellbore: 15/9-F-12 **Period: 2007-06-30 00:00 - 2007-07-01 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	18
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-03-15 00:00
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2007-08-26

Dist Drilled (m):	175
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.2
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1353
Depth mTVD:	1353
Plug Back Depth mMD:	
Depth at formation strength mMD:	251
Depth At Formation Strength mTVD:	251
Depth At Last Casing mMD:	251
Depth At Last Casing mTVD:	251

Summary of activities (24 Hours)

Drilled 8 1/2" pilot hole from 1262 m to TD at 1353 m. Circulated 2 x btms up and flow checked well. Displaced well up to approx. 50 m into 30" conductor to 1.40 sg WBM in two stages while POOH. LO BHA. Prepared removal and disconnected diverter.

Summary of planned activities (24 Hours)

Pull and RB diverter. RU scaffolding and disconnect overshot joint from tension joint and LO. MU handling stand to tension joint. RD cylinders, tension ring and centralizer. Install and function test spider. Disconnect LPDR and LD in singels.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:30	1178	interruption -- repair	ok	Waiting on Geoservices to have their sensors reading data. Meanwhile reamed and circulated 2250 lpm/101 bar.
02:30	06:00	1262	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 1178 m to 1262 m, 2250 lpm/105 bar, 125 rpm/2-3 kNm, 1-4 MT wob, ECD 1.19-1.28 SG. Reamed each stand. Reamed and circulated when experienced high ECD readings.
06:00	12:00	1353	drilling -- drill	ok	Drilled 8 1/2" pilot hole from 1262 m to 1353 m, 2250 lpm/108 bar, 125 rpm/2-5 kNm, 1-4 MT wob, ECD 1.19-1.28 SG. Reamed each stand. Reamed and circulated when experienced high ECD.
12:00	14:00	1353	drilling -- circulating conditioning	ok	Circulated 2 x btms up, 2250 lpm/108 bar, 125 rpm/2-5 kNm.
14:00	14:30	1353	drilling -- drill	ok	Flow check well prior to displace well to 1.40 sg WBM. Meanwhile held tool-box talk for displacement.
14:30	15:30	1353	drilling -- circulating conditioning	ok	Displaced well to 50 m3 of 1.40 sg WBM, 1200 lpm/8 bar, 80 rpm/1-4 kNm. Max ECD 1.21 sg.
15:30	20:00	290	drilling -- drill	ok	POOH with 8 1/2" BHA from 1353 m to 294 m. Observed 2 MT max drag. Meanwhile placed cuttings funnel on F-4 using moonpool tugger.
20:00	20:30	290	drilling -- circulating conditioning	ok	Pumped 13 m3 of 1.40 sg WBM at 290 m, 900 lpm/11 bar, 10 rpm/1-3 kNm, to displace lower part of 30" conductor to heavy mud.
20:30	00:00	0	drilling -- drill	ok	POOH with 8 1/2" BHA from 294 m to 32 m. RB 5.5" HWDP and 6 3/4" DC.

Drilling Fluid

Sample Time	04:00	10:30	13:00	21:00
Sample Point	Flowline	Flowline	Flowline	Active pit
Sample Depth mMD	1205	1330	1353	1353
Fluid Type	Spud Mud	Spud Mud	Spud Mud	Spud Mud
Fluid Density (g/cm3)	1.1	1.11	1.11	1.12
Funnel Visc (s)	67	61	62	63
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)	7	6	7	7
Yield point (Pa)	15.5	13	12.5	13.5
Filtration tests				
Pm filtrate ()				
Filtrate Lthp ()				
Filtrate Hthp ()				
Cake thickn API ()				
Cake thickn HPHT ()				

Test Temp HPHT ()				
Comment				

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	1353		1.03	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
1249.2	1249.1	.31	54.26	
1288.9	1288.8	.22	50.57	
1329.6	1329.5	.44	336	

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
1230	1353	1230	1353		Sandstone with minor claystone

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	flow check gas	1304		1304		.17		2435	1	1	1	1
00:00	flow check gas	1352		1352		.2		2731	1	1	1	1