Summary report

Wellbore: 15/9-F-12 **Period: 2007-08-16 00:00 - 2007-08-17 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	65
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):	63
Penetration rate (m/h):	-999.99
Hole Dia (in):	12.25
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.48
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3080
Depth mTVD:	2844
Plug Back Depth mMD:	
Depth at formation strength mMD:	2506
Depth At Formation Strength mTVD:	2419.5
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

Drilled 12 1/4" hole from 3030 m to 3110 m MD.

Summary of planned activities (24 Hours)

Drill 12 1/4" hole from 3110 m to TD. Circulate well clean. POOH and rack back BHA. Rig up for running 9 5/8" liner.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:15	3017	interruption -- other	ok	Monitored well while MU swedge, TIW and cement hose and established circulation at 30 spm, 20 bar. Changed and pressure tested wash pipe with mud pump to 250 bar. RD cement hose, TIW and swedge.
02:15	06:00	3030	drilling -- drill	ok	Drilled 12 1/4" hole from 3017 m to 3030 m MD with 1.40 sg OBM, 3540 lpm, 237-243 bar, 140 rpm, 10-45 kNm, 9-10 MT WOB, ECD 1.40-1.41, ROP 2-6 m/hr. Down linked and performed survey as required.
06:00	00:00	3080	drilling -- drill	ok	Continued drilling 12 1/4" hole from 3030 m to 3080 m MD with 1.40 sg OBM, 3540 lpm, 239-241 bar, 140 rpm, 10-45 kNm, 7-10 MT WOB, ECD 1.40-1.41, ROP 2-5 m/hr. Down linked and performed survey as required.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3017		pipe handling equ syst -- vertical pipe handling equ syst	0	00:00	Wash pipe started leaking during drilling of the 12 1/4" section.

Drilling Fluid

Sample Time	04:00	10:30	16:45	22:10
Sample Point	Flowline	Flowline	Active pit	Active pit
Sample Depth mMD	3027	3041	3053	3077
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard	OBM-Standard
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)	29	30	30	27
Yield point (Pa)	13	11.5	12	12.5
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	2591		.87	estimated
00:00	3114		1.25	estimated

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
3008.6	2802.8	55.25	103.4	
3060.6	2832.6	54.85	99.95	

Log Information

Run No	Service Company	Depth Top mMD	Depth Bottom mTVD	Tool	BHST (degC)
102	Schlumberger	2573	3114	ARCVRES8 - TELESCOPE	-999.99

Stratigraphic Information

Depth to Top of Formation mMD	Depth to Top of Formation mTVD	Description
3034	2817.3	Hidra Fm
3050	2826.4	Rødby Fm
3081	2844.4	Mime Fm
3085	2846.7	Åsgard Fm
3102	2856.8	Draupne Fm

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
3030	3100	2815	2855		Marl interbedded with limestone
3100	3105	2855	2858.2		Claystone w/ minor limestone stringer s
3105	3114	2858.2	2863.7		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	drilling gas pea k	3110		2861.1		.23		1702	96	31	4	2
00:00	drilling gas pea k	3114		2863.4		.18		1339	74	24	3	2