

Summary report

Wellbore: 15/9-F-12

Period: 2007-06-21 00:00 - 2007-06-22 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	9
Days Ahead/Behind (+/-):	1
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 (I):	
Pressure (I):	
Date Well Complete:	2007-08-26

Dist Drilled (m):	2
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	260
Depth mTVD:	260
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	251
Depth At Last Casing mTVD:	251

Summary of activities (24 Hours)

Worked to function flowline isolation valve on diverter. RIH with 26" HO BHA from 180-250 m MD. Function tested diverter system. Drilled out 30" shoe. Cleaned out rat hole and drilled 3 m new formation. POOH and racked back 26" HO BHA.

Summary of planned activities (24 Hours)

MU and RIH with 8 1/2" pilot hole BHA. Perform shallow gas drill. Circulate in 1.60 sg pill and perform FIT to 1.20 EQMW. Start drilling 8 1/2" pilot hole from 261.4 m and displace well from SW to 1.12 sg mud.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	180	interruption -- other	ok	Worked to function flowline isolation valve. Meanwhile . -Preparing for making up HPDR in doubles on pipedeck -Transferred slop from pit #6 to DCI holding tank
06:00	14:00	180	interruption -- other	ok	Function tested flowline isolation valve from Koomey unit. Could not operate valve from BOP panel due to lacking signal from PLC. Managed to operate flowline isolation valve manually. Meanwhile . -Worked on TDS and flowline actuator. -Performed daily maintenance, PMs and housekeeping. -Emptied flowline to trip tank. -Greased flowline isolation valve periodically during testing.
14:00	14:30	180	drilling -- drill	ok	Held tool box meeting prior to drilling out shoe track. Focused on potential for stuck pipe.
14:30	15:00	250	drilling -- drill	ok	RIH with 26" hole opner BHA from 180 m to 222 m. Washed down from 222 m with 2000 lpm, 12 bar. Tagged cement at 250 m with 3 ton. Up weight 94 t/ Down weight 97 t.
15:00	16:30	250	drilling -- drill	ok	Drilled cmt/shoe track with 26" hole opner BHA; 3000 lpm, 50 rpm and 1-3 ton wob. Picked bit off bottom and stopped pumps.
16:30	17:30	250	drilling -- trip	ok	Function tested diverter system. Ran diverting sequence on port and aft overboard lines from BOP panel. Verified visually that diverter element closed, flowline isolation valve closed and diverter line valve opened.
17:30	22:30	258	drilling -- drill	ok	Continued to drill cmt/shoe track from 250 m until 26" hole opener was out of 30" conductor shoe; 3000 lpm, 50 rpm and 1-3 ton wob. Reamed shoe track every 1-2 m. Pumped 15 m3 1.12 sg hi-vis pill and circulated out same. Noticable increase in cuttings observed.
22:30	00:00	260	drilling -- drill	ok	Drilled 2 m new formation with 26" hole opner BHA; 3000 lpm, 55 rpm and 1 ton wob. Reamed rate hole and shoe track.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	180		well control equ syst -- riser syst	0	00:00	Not able to operate flowline isolation valve
00:00	141		pipe handling equ syst -- other	0	00:00	FWD PRS failed on proximity switch for old service platform.

Drilling Fluid

Sample Time	14:00	14:30	15:00
Sample Point	Reserve pit	Reserve pit	Reserve pit
Sample Depth mMD	258	258	258
Fluid Type	Spud Mud	Spud Mud	Spud Mud
Fluid Density (g/cm3)	1.12	1.4	1.6
Funnel Visc (s)	111	118	124
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)	9	10	10
Yield point (Pa)	15	17.5	21
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	261		1.03	estimated

Lithology Information

Start Depth mMD	End Depth mMD	Start Depth mTVD	End Depth mTVD	Shows Description	Lithology Description
258.4	261.4	258.4	261.4		Interbedded Sand and Siltstone.