Summary report

Wellbore: 15/9-F-12 **Period: 2007-09-02 00:00 - 2007-09-03 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	82
Days Ahead/Behind (+/-):	113.2
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):	0
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity tes t
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	3520
Depth mTVD:	3106.6
Plug Back Depth mMD:	3480
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

Summary of activities (24 Hours)

Troubleshot leakage on sealstem. Retrieved MS seal in 10 3/4" hanger. Ran Vetco jet and wash tool in 10 3/4" hanger. Installed wearbushing. Ran RTTS to 1650 m MD and tested well with communication up annulus. Stepped up pressure and observed onset of leakage around 300 bar.

Summary of planned activities (24 Hours)

POOH with RTTS. Pull wearbushing. Pull casing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	2408	drilling -- casing	ok	Marked pipe with 72 MT and 128 MT hookload. Applied 7 MT on PADPRT tool and rotated 4 1/4 turn clockwise to set tool. Pipe dropped 8,5" as intended. Closed UPR.
01:00	02:15	2408	drilling -- casing	ok	Held toolbox talk prior to setting MS seal. Pressured up to 207 bar with cement unit through kill line for 10 mins to set the MS seal. Volume pumped 272 liters.
02:15	03:00	140	drilling -- casing	ok	Opened UPR and pulled 50 MT above landing string weight to unset PADPRT tool. Pressure tested MS seal to 35/345 bar 5/10 mins. Volumed pumped 447 liters.
03:00	04:00	0	drilling -- casing	ok	POOH with PADRT tool on 5 1/2" HWDP. Laid down PADPRT tool.
04:00	05:00	0	drilling -- casing	ok	Closed shear ram and lined up to pressure up underneath with cement unit. Pressured up with cement unit to 345 bar. Pumped a total of 2630 liter on 1st attempt, good correlation with theoretical volume. Observed trendline which did not stabilize - steady drop observed at around 1 bar/min. Pressured up twice to 345 bar - same trend observed. Total volume pumped 2860 liters Attempted to bleed pressure back to cement unit - nogo, kill line blocked for unknown reason. Bled back to trip tank and recovered 2500 liters. Decided to re-attempt pressure test up cement line.
05:00	06:00	0	drilling -- casing	ok	Lined up from cement unit pumping up cement line. Flushed through and performed line test to 345 bar - ok.
06:00	09:00	0	drilling -- casing	ok	Troubleshot leakage in well. Pressured up on well to 345 bar from cement unit through cement line. Similar trendline observed with leakage rate of 0,5-1 bar/min. Pressured up on well twice more. Bled off pressure rapidly and lined back to cement unit. Pressure on cement unit rose from 2,8 bar to 7 bar over 2 hrs. Meanwhile discussed situation and way forward. Prepared for running MS seal retrieval tool.
09:00	14:00	140	drilling -- casing	ok	Picked up MS seal retirevel tool and inspected seals. RIH with retrieval tool on 5 1/2" HWDP landing string as per Vetco procedure. Engaged tool by 1/2" turn lefthand. Set down landing string weight of 10 MT instead of the intended 3 MT. Adjusted string weight and string jumped approx 0,3 m, got sudden gain in trip tank of approx 250 liter. Closed annular and pulled MS seal free with 10 MT overpull. POOH with retireval tool and MS seal on 5 1/2" HWDP. Backed off MS seal, re-set running tool and laid down same.
14:00	15:00	0	drilling -- casing	ok	Inspected MS seal and found scores on seal. Discussed situation. Prepared hanger jet and wash tool.
15:00	19:30	140	drilling -- casing	ok	Picked up and made ut Vetco jet and wash tool. RIH with tool on 5 1/2" HWDP landing string. Tagged top of 10 3/4 casing hanger. Washed seal area, rotated with 3 rpm while pumping at 2200 lpm. POOH with jet and wash tool. Discussed way forward.
19:30	21:00	140	drilling -- casing	ok	Prepared for running WBBRT w/10 3/4" wearbushing. Picked up WBRRT, checked tool and installed 10 3/4" wearbushing. RIH with tool WBRRT/wearbushing on 5 1/2" HWDP landing string.
21:00	22:30	140	drilling -- casing	ok	Set wearbushing at 140,2 m MD. POOH with WBRRT and laid down tool.
22:30	00:00	0	drilling -- casing	ok	Hung off RTTS in rotary and made up to stand of 5 1/2" HWDP. Installed automatic slips.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3177		miscellaneous equ syst -- other	0	00:00	Performed FG inspection due to falling lock nut.
00:00	798		pipe handling equ syst -- drill floor tube handl syst	0	00:00	Found leakage on hydraulic fitting on BX3 elevator. Changed hydraulic fitting and bolt head connection for return line on 10 3/4" BX3 elevator. Downtime 0,75 hrs.

Drilling Fluid

Sample Time	20:00
Sample Point	Active pit
Sample Depth mMD	-999.99
Fluid Type	Seawater
Fluid Density (g/cm3)	1.01
Funnel Visc (s)	-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)	-999.99
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	