

## Summary report

Wellbore: 15/9-F-14

Period: 2008-05-29 00:00 - 2008-05-30 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	44
Days Ahead/Behind (+/-):	1.1
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 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:	2008-06-15

Dist Drilled (m):	0
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.67
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2788
Depth mTVD:	2728.4
Plug Back Depth mMD:	
Depth at formation strength mMD:	2284
Depth At Formation Strength mTVD:	2281
Depth At Last Casing mMD:	2783.5
Depth At Last Casing mTVD:	2728.3

## Summary of activities (24 Hours)

Leak tested RTTS to 230 bar from below. Displaced well to sea water above plug. POOH with RTTS running tool and LD same. ND and LO diverter.

## Summary of planned activities (24 Hours)

ND slick joint and BOP. RU for pulling HPDR. Run in and MU claxton tool NT-2 running tool to HPDR. RD cylinders, tensioner ring and centralizer. Shut down production. Install hot stab and unlock TBC. Pull TBC out of WH. Install riser spider and function test. POOH with HPDR.

## Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:15	350	drilling -- casing	ok	Lined up to test RTTS from below. Verified correct line-up from cmt unit to IBOP and performed line test. No go. Closed manual IBOP on TDS and performed line test. Ok. Performed low pressure test to 30 bar / 10 min. Ok. Dropped 1 bar / 10 min. Pressured up in steps and tested RTTS to 230 bar / 10 min from below. Ok. Dropped 1.8 bar / 10 min. 1.3 m³ pumped and 1.35 m³ bled back.
02:15	03:00	340	drilling -- casing	ok	PU up to neutral and released from RTTS with 22 turns CCWW. PU to 340 m.
03:00	04:15	348	drilling -- casing	ok	Pulled up and greased top of connection. Ran back down to and spaced out below btm pipe ram.
04:15	05:30	348	drilling -- casing	ok	Lined up cmt unit to IBOP on TDS to test RTTS from above and performed line test to 345 bar. Ok. Performed low pressure test to 30 bar / 10 min. Ok. Dropped 0 bar / 10 min. Pressured up in steps to test RTTS. Pumped 1.1 m³ to 110 bar and observed leak. 500 ltrs bleed back.
05:30	06:00	348	drilling -- casing	ok	Discussed situation and evaluated further action.
06:00	06:30	348	drilling -- casing	ok	Discussed situation and evaluated further action.
06:30	09:15	348	drilling -- casing	ok	Stung back into RTTS. Observed 2.2 bar pressure increase when communication to volume below plug was established. Lined up to test RTTS from below. Closed manual IBOP on TDS. Performed low pressure test to 30 bar / 10 min. Ok. Dropped 0 bar / 10 min. Pressured up in steps and tested RTTS to 230 bar / 10 min from below. Ok. Dropped 1.7 bar / 10 min. 1.33 m³ pumped and 1.32 m³ bled back. Rotated 12 turns to the left and POOH of RTTS. Tested storm valve to 50 bar / 10 min. Ok. Dropped 0.9 bar / 10 min. 121 ltrs pumped and 121 ltrs bled back. Stung out of RTTS.
09:15	11:15	348	drilling -- casing	ok	Flow checked well prior to displacing well above RTTS to SW. Ok. Meanwhile held tool box talk with involved personnel. Drained trip tank and poor boy degasser. Re-filled trip tank with SW. Displaced well to SW at 3100 lpm / 20 bar. Flushed C & K and surface lines.
11:15	11:45	310	drilling -- casing	ok	Pumped 10 m³ hi-vis pill at 1500 lpm / 15 bar and spotted above RTTS.
11:45	12:00	310	drilling -- casing	ok	POOH with running tool on 5 1/2" DP from 348 m to 310 m. Could not rack back 5 1/2" DP due spinner on iron roughneck not working.
12:00	13:00	310	interruption -- other	ok	Investigated problem with pipe spinner on aft roughneck.
13:00	13:15	310	drilling -- casing	ok	Held tool box meeting prior to using chain tong to spin out stds of DP.
13:15	14:30	310	drilling -- casing	ok	Observed gain in trip tank and flow up RTTS running string. Installed kick valve on string. Shut in well and monitored pressures. No increase in pressure observed. Total gain in trip tank was 420 ltrs.
14:30	15:00	292	drilling -- casing	ok	Opened auto choke and observed no gain in TT through mud gas separator. Opened kick valve and observed no flow. POOH with running tool on 5 1/2" DP from 310 m to 292 m. Could not rack back 5 1/2" DP due to lower arm on FWD PRS not working.
15:00	19:00	292	interruption -- other	ok	Changed out solenoid valve on lower arm on FWD PRS. Meanwhile removed every second bolt on slick joint and moved BOP carrier beneath BOP.
19:00	20:15	292	drilling -- casing	ok	Held tool box talk for manual handling. Performed equipment check and found loose dies on FWD PRS carrier. Changed dies.
20:15	22:00	0	drilling -- casing	ok	POOH with running tool on 5 1/2" DP from 292 m to OOH.
22:00	23:00	0	drilling -- bop/wellhead equipment	ok	Cleared rig floor. RIH with 1 single 5 1/2" DP and closed ram. Drained BOP.
23:00	00:00	0	drilling -- bop/wellhead equipment	ok	Installed diverter pulling tool.

## Drilling Fluid

Sample Time	21:00
Sample Point	Active pit
Sample Depth mMD	2788
Fluid Type	OBM-Standard
Fluid Density (g/cm3)	1.31
Funnel Visc (s)	-999.99
Mf ()	
Pm ()	
Pm filtrate ()	
Chloride ()	
Calcium ()	
Magnesium ()	
Ph	

<b>Excess Lime ()</b>	
<b>Solids</b>	
<b>Sand ()</b>	
<b>Water ()</b>	
<b>Oil ()</b>	
<b>Solids ()</b>	
<b>Corrected solids ()</b>	
<b>High gravity solids ()</b>	
<b>Low gravity solids ()</b>	
<b>Viscometer tests</b>	
<b>Plastic visc. (mPa.s)</b>	22
<b>Yield point (Pa)</b>	8
<b>Filtration tests</b>	
<b>Pm filtrate ()</b>	
<b>Filtrate Lthp ()</b>	
<b>Filtrate Hthp ()</b>	
<b>Cake thickn API ()</b>	
<b>Cake thickn HPHT ()</b>	
<b>Test Temp HPHT (degC)</b>	120
<b>Comment</b>	

#### Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2788		1.03	estimated