Summary report

Wellbore: 15/9-F-12 **Period: 2007-06-17 00:00 - 2007-06-18 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	5
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):	0
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	258
Depth mTVD:	258
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)

Performed remedial cement job by pumping through top up pipe. Released CART and POOH with same. POOH with 4 3/4" cement stinger. Rigged up for running low pressure drilling riser and ran same to 80 m MD. Installed guidewires.

Summary of planned activities (24 Hours)

Continue running LPDR, land and lock same. Install LPDR tensioning system, overshot joint and diverter.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	03:00	251	drilling -- casing	ok	Waited on cement to set up. Meanwhile : -Prepared and tested lines for top up job -Brought tensioning system parts to Centralizer deck
03:00	05:30	251	drilling -- casing	ok	Held toolbox talk prior to pumping operation. Assessed cool cement sample - still fingersoft. Lined up cement unit to UWG hose and top up pipe. Circulated at 30 lpm to check for potential flow bypass above cement on lower UWG shoe. Pressure built up to 5 bar with linear build, maintained pressure for 5 min, no pressure drop. Volume pumped 193 liter. Halted operation, bled back pressure and continued wating on cement to set up.
05:30	05:45	251	drilling -- casing	ok	Restarted pumping operation to check cement shoe and burst disk on top up pipe. Pumped down cement unit and top up pipe. Pressured up to 53 bar / 189 l, burst disk at 14 m below ML / 159 m MD ruptured.
05:45	06:00	251	drilling -- casing	ok	Attempted to do circulation test through UWG cement hose/ top up pipe. Got alarm on overpressured cement unit. Released pressure, but control screen froze up.
06:00	06:15	251	drilling -- casing	ok	Troubleshooting on Halliburton control screen. Unable to sign out alarms / system freeze.
06:15	06:30	251	drilling -- casing	ok	By manual operation of cement unit. Stepped up rate through cement hose / top up pipe to 500 lpm, obtained same pressure drop as previously i.e. 50 bar at 500 lpm indicating open flow above bursted disk at 14 m below ML / 159 m TVD.
06:30	07:15	251	drilling -- casing	ok	Held pre job meeting. Prepared for cement job. Got ROV in position to operate centralizing rods in funnel, shifted handles and pressured up thorugh minireel to retract rods - ok. Started mixing cement.
07:15	07:45	251	drilling -- casing	ok	Performed remedial cement job. Pumped 10 m3 1,56 G-cement slurry. Pump pressure during cementing 70 bar. Pump rate 500 lpm. Displaced cement down cement hose and top up pipe with 1,1 m3 SW.
07:45	08:30	251	drilling -- casing	ok	Broke cement hose in moonpool, inserted cement hose release ball. Let ball drop by gravity. Pressured up on cement unit and released cement hose. Flushed through manifold and cement hose. Flushed and cleaned cement unit.
08:30	08:45	150	drilling -- casing	ok	Held toolbox talk prior to pulling CART.
08:45	09:00	150	drilling -- casing	ok	Released CART from 30" conductor housing with 5 righthand turns. Readings on inclinometer before release: Pitch 0,25 / Roll 0,021
09:00	09:30	140	drilling -- casing	ok	Broke out cement stand and laid out same. Pulled CART clear of template.
09:30	10:00	140	drilling -- casing	ok	Pumped sponge for cleaning the 5 1/2 HWDP landing string.
10:00	11:00	140	drilling -- casing	ok	Held prejob/information meeting for running LP drilling riser. Whole crew attended.
11:00	11:30	140	drilling -- casing	ok	Held toolbox talk prior to pulling CART.
11:30	12:00	140	interruption -- other	ok	Repaired hydraulic leak on TDS.
12:00	14:00	0	drilling -- casing	ok	POOH with CART on 5 1/2" HWDP. Laid out CART. Rigged handling equipment for 4 3/4" inner string.
14:00	14:15	0	drilling -- casing	ok	Held toolbox talk prior to pulling 4 3/4" aluminium cement stinger.
14:15	15:15	0	drilling -- casing	ok	POOH with 4 3/4" aluminium cement stinger and centralizers, laid down on pipe deck.
15:15	16:15	0	drilling -- casing	ok	Cleaned and tidied drillfloor. Removed handling equipment for 30" condcutor and innerstring.
16:15	16:30	0	drilling -- bop/ wellhead equipment	ok	Held toolbox talk prior to installing cradles in HTS.
16:30	17:00	0	drilling -- bop/ wellhead equipment	ok	Installed cradles on HTS. Installed protector busing in Tensioner deck.
17:00	17:15	0	drilling -- bop/ wellhead equipment	ok	Held toolbox talk prior to installing riser spider.
17:15	21:30	0	drilling -- bop/ wellhead equipment	ok	Removed master bushing and installed riser spider. Installed hydraulic lines and function tested spider. Installed protector bushing and tension ring in Centralizer deck.
21:30	00:00	21	drilling -- bop/ wellhead equipment	ok	Picked up Stress joint / DCI joint - 1st double, by simultaneous lift by deckcrane and TDS. Landed double in spider. Removed handling flange and installed guide rods on flange, installed gasket ring. Picked up 2nd double and landed on flange. Made up nuts according to Bandak procedure.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		material handling syst -- dec k cranes	0	00:00	Halted opertion due to problem with FWD PORT crane. Not able to start lifting in 30" conductor joints from pipedeck t o drillfloor.
00:00	251		service equ -- cementing uni t	0	00:00	Cement control screen froze / hung up after accidentally overpressuring the unit. Pressure was released physically b ut the software did not accept it.

Drilling Fluid

Sample Time	00:00	11:00
Sample Point		Active pit
Sample Depth mMD	-999.99	258
Fluid Type	Spud Mud	Spud Mud
Fluid Density (g/cm3)	1.4	1.12
Funnel Visc (s)	-999.99	110
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	8
Yield point (Pa)	-999.99	16
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT ()		
Comment		