

Summary report

Wellbore: 15/9-F-12

Period: 2007-06-16 00:00 - 2007-06-17 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	4
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 (I):	
Pressure (I):	
Date Well Complete:	2007-08-26

Dist Drilled (m):	0
Penetration rate (m/h):	-999.99
Hole Dia (in):	36
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	258
Depth mTVD:	258
Plug Back Depth mMD:	247
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)

Ran 4 3/4" aluminium cement stinger inside 30" conductor. Installed CART and RIH with 30" conductor. Washed down from 225 m and landed conductor at 251 m MD. Cemented 30" conductor. From 19:00 - waited on cement to set up. Pumped down top up pipe, bursted disk at 159 m TVD indicating lack of cement in top of conductor.

Summary of planned activities (24 Hours)

Pull CART and 5 1/2 HWDP. Rig up for running LP riser. Start running LP riser.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	96	drilling -- casing	ok	Removed 30" elevator. Removed long bails. Installed short bails and 5 1/2" elevator. Brought 30" conductor housing to catwalk cradles.
02:00	03:30	96	drilling -- casing	ok	Picked up 30" conductor housing with handling CART. Made up RL-4 connection using manual tongs to 35 000 ft lbs. Engaged anti rotation dogs. Ran in with 30" conductor and installed top up pipe on XMT deck from 25 m below ML.
03:30	04:30	110	drilling -- casing	ok	Installed C-plate in rotary and landed 30" conductor housing in same.
04:30	05:00	110	drilling -- casing	ok	Broke out and laid down handling CART from 30" conductor housing. Filled 30" conductor with water. Rigged up C-plate, bowl and slips for running 4 3/4" aluminium inner string inside 30" conductor.
05:00	06:00	110	drilling -- casing	ok	Ran 4 3/4" aluminium inner string inside 30" conductor down to 20 m below RT.
06:00	08:00	110	drilling -- casing	ok	Continued to run 4 3/4" aluminium inner string inside 30" conductor down to 91 m below RT. Installed centralizers on joint #3 and #6. Rigged down 4 3/4" handling equipment.
08:00	08:15	110	drilling -- casing	ok	Held toolbox talk prior to installing CART in 30" conductor housing.
08:15	08:45	110	drilling -- casing	ok	Installed CART in 30" conductor housing with 5 lefthand turns. Oceaneering installed inclinometer on CART bracket. Verified filler valve open.
08:45	11:15	126	drilling -- casing	ok	RIH with 30" conductor on 5 1/2" HWDP. Installed top up pipe along X-over and conductor housing. Hooked up UWG cement hose to top up pipe. Installed ROV plugs on Centralizer deck.
11:15	11:30	150	drilling -- casing	ok	Continued to RIH with 30" conductor on 5 1/2" HWDP. Stabbed into template. Broke circulation and observed for return with ROV - bad visibility. Weight of string in water 105 MT.
11:30	12:45	225	drilling -- casing	ok	Continued to RIH with 30" conductor. Observed up to 10 MT drag at 225 m MD.
12:45	14:45	251	drilling -- casing	ok	Broke circulation and washed down with 30" conductor from 225 m to 251 m MD. Pumped at 200 lpm / 9 bar SPP. Installed cementing stand. Checked datum mark 113,25 m from top of conductor housing to machined ring on Centralizer deck - ok.
14:45	15:15	251	drilling -- casing	ok	Held prejob meeting prior to cementing 30" conductor.
15:15	17:00	251	drilling -- casing	ok	Made up surface cement lines to cement stand. Tested lines against lo-torque valve to 200 bar / 5 min - ok. Circulated at 2500 lpm / SPP 12 bar. ROV checked for leakage in plugs on 30" conductor housing - ok. Inserted hotstab with ROV, actuated centralizer dogs in template funnel using minireel hydraulic supply from surface.
17:00	19:00	251	drilling -- casing	ok	Pumped 103 m3 of 1,52 sg X-lite cement slurry with cement unit. Pump pressure during displacement 15 bar. Displacement rate 900 lpm. Hook weight fell from 115 MT to 110 MT throughout cement job.
19:00	19:15	251	drilling -- casing	ok	Displaced cement with seawater at 1200 lpm. Pressure relatively steady around 17 bar. Pumped a total of 8,5 m3 leaving theoretical TOC at 247 m MD inside 30" conductor.
19:15	00:00	251	drilling -- casing	ok	Waited on cement to set up.  Meanwhile : -Flushed and washed cement unit -Brought tensioning system parts to Centralizer deck -Broke out and laid down Drillcollar -Prepared for running LP riser

Drilling Fluid

Sample Time	00:00
Sample Point	
Sample Depth mMD	-999.99
Fluid Type	Spud Mud
Fluid Density (g/cm3)	1.4
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	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	258		1.03	estimated

Casing Liner Tubing

Start Time	01:45	01:45
End Time	14:15	14:15
Type of Pipe	Casing	Casing
Casing Type	Top	Top
Outside diameter (in)	30	30
Inside diameter (in)		28
Weight (lbm/ft)	456.6	309.7
Grade	X-65	X-52
Connection	ABB RL-4HC	ABB ST-2 FB
Length (m)	25.4	85.6
Top mMD	140	165.4
Bottom mMD	165.4	251
Description	36" hole opener BHA	36" hole opener BHA
Comment		