

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 ():	
Pressure ():	
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 ():	

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 -- ca sing	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 -- ca sing	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 -- ca sing	ok	Installed C-plate in rotary and landed 30" conductor housing in same.
04:30	05:00	110	drilling -- ca sing	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 -- ca sing	ok	Ran 4 3/4" aluminium inner string inside 30" conductor down to 20 m below RT.
06:00	08:00	110	drilling -- ca sing	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 -- ca sing	ok	Held toolbox talk prior to installing CART in 30" conductor housing.
08:15	08:45	110	drilling -- ca sing	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 -- ca sing	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 -- ca sing	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 -- ca sing	ok	Continued to RIH with 30" conductor. Observed up to 10 MT drag at 225 m MD.
12:45	14:45	251	drilling -- ca sing	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 conductor housing to machined ring on Centralizer deck - ok.
14:45	15:15	251	drilling -- ca sing	ok	Held prejob meeting prior to cementing 30" conductor.
15:15	17:00	251	drilling -- ca sing	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 3 0" 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 -- ca sing	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 -- ca sing	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 -- ca sing	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		