Summary report

Wellbore: 15/9-F-14 **Period: 2007-11-11 00:00 - 2007-11-12 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	7
Days Ahead/Behind (+/-):	
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):	-999.99
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:	204
Depth mTVD:	204
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	251.7
Depth At Last Casing mTVD:	251.7

Summary of activities (24 Hours)

Run 30" conductor, washed down from 169 m to TD at 196.8 m. Verified TD with digiquartz measurements. Circulated prior to cement job. Observed returns came up on 30" x 13 3/8" annulus on well F-7. Took time out to evaluate situation. WOW due to bad visibility on sea bed.

Summary of planned activities (24 Hours)

WOW. Pull 30" conductor to 157 m. Re-establish circulation and wash down to 197 m. Cement the 30" conductor.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	55	drilling -- casing	ok	Continued to run 30" conductor on 5 1/2" landing string. Problems with top drive torque wrench.
00:45	02:45	55	drilling -- casing	ok	Problems with torque wrench on top drive. Not able to disconnect top drive from landing string.
02:45	04:45	169	drilling -- casing	ok	Pulled back one single. Broke connection using the iron roughneck. Continued to RIH. Stabbed conductor into guide funnel at 03:30 hrs. Checked orientation of conductor shoe. Observed a broken connetion on the top up cement system. Continued to run the conductor to 160 m. Observed 20 tons weight. Worked conductor down to 169 m.
04:45	06:00	169	drilling -- casing	ok	Made up the top drive and started to wash down from 169 m. Flow: 1000 ltr/min. SPP: 4 bar. Observed some of the cement top up piping no longer attached to the conductor pipe. Attempted to recover broken cement top up piping in the guide funnel.
06:00	07:00	169	drilling -- casing	ok	Recovered broken off piece of top up cement piping.
07:00	08:00	180	drilling -- casing	ok	Held tool box meeting with oncoming crew. Washed down with 30" conductor from 169 to 180 m, 1000 lpm.
08:00	12:00	190	drilling -- casing	ok	Held a toolbox meeting. Rigged up tugger on centralizer deck and pulled conductor to starboard aft. Guided the conductor carefully through the guide funnel to 180.2 m to avoid further damage on top up cement piping. Washed down with 30" conductor from 180.2 m to 190 m, 1000 lpm. Observed leakage in top up cement piping at approx. 11 m below top housing.
12:00	14:00	196.8	drilling -- casing	ok	Laid down top single at 190 m. Made up the cement stand. Washed down with the conductor to approx 40 cm above TD, 1000 lpm. Took digiquartz measurements. RIH and set conductor at TD 196.8 m. Confirmed top of housing 43 cm lower than F-7.
14:00	14:45	196.8	drilling -- casing	ok	Prepared to activated the centralizers on the template using the ROV.
14:45	19:00	198.8	drilling -- casing	ok	Held a tool box meeting regarding the cementing of the 30" conductor. Pressure tested the cementing line to 100 bar. Connected hot stab. Run centralizer sylinders on template and verified conductor position with ROV. Checked inclination: Roll 0.12, pitch 0.8.
19:00	23:15	196.8	drilling -- casing	ok	Circulated 30 m3 of SW with 2500 lpm. Observed returns from slot F-14 came out of conductor annulus on slot F-7. Took time out, evaluated situation.
23:15	23:30	196.8	drilling -- casing	ok	Held a tool box meeting prior to rig down the cement line.
23:30	00:00	196.3	drilling -- casing	ok	Retracted centralizer dogs on template. Picked up 0,5 m to confirm conductor free, free up weight 124 ton, no excess drag.

Drilling Fluid

Sample Time	20:00	21:01
Sample Point	Active pit	Reserve pit
Sample Depth mMD	203	204
Fluid Type	Spud Mud	OBM-Standard
Fluid Density (g/cm3)	1.05	1.4
Funnel Visc (s)	111	-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	30
Yield point (Pa)	-999.99	10.5
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)		120
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	204		1.03	estimated

Casing Liner Tubing

Start Time	15:00	15:00
End Time	13:00	13:00
Type of Pipe	Casing	Casing
Casing Type	Top	Top
Outside diameter (in)	30	30
Inside diameter (in)	28	
Weight (lbm/ft)	309.7	456.6
Grade	X-52	X-65
Connection	ABB ST-2 FB	ABB RL-4HC
Length (m)	31.2	25.5
Top mMD	165.6	140.1
Bottom mMD	196.8	165.6
Description	36" HO BHA	36" HO BHA
Comment		