Summary report

Wellbore: 15/9-F-14 **Period: 2007-11-13 00:00 - 2007-11-14 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	9
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)

Positioned 30" conductor at cementing depth at 196.8 m. Mixed and pumped 106 m³ 1.52 SG Tuned Light XL cement slurry. Got returns up F-7, but after 70 m3 pumped, had full returns up F-14. Displaced cement slurry with 6.5 m³ of SW. Waited on cement to set. Meanwhile performed general maintenance. LIned up for flushing of top-up line.

Summary of planned activities (24 Hours)

Test top-up system and perform top-up cement if required. Release top-up line and CART tool. Continue top hole on F-5.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	197	drilling -- casing	ok	Worked with centralizer rams, rams were not working properlyy. Took out the hot-stab and flushed the lines, and stabbed the hot-stab back in, now the centralising rams worked properly. Retracted rams.
02:00	03:15	197	drilling -- casing	ok	WOW for visibility to improve on template.
03:15	03:45	197	drilling -- casing	ok	Held tool box talk prior to cementing of the 30" conductor.
03:45	04:15	197	drilling -- casing	ok	Circulated SW at 250 lpm increased to 1000 lpm in 250 lpm steps. Still only returns coming out from F-7, hook load came down with 10 MT to 92 MT while pumping at 1000 lpm.
04:15	05:30	197	drilling -- casing	ok	Pumped 30 m³ 1.7 SG mud, 1000 lpm, 5.7 bars, hookload dropped to 85 MT. Still only returns out from F-7. Picked up one meter with 120 MT and washed conductor back to setting depth, final hook load 76 MT. Total 20 m³ 1.7 SG mud pumped while washing down.
05:30	06:00	197	drilling -- casing	ok	Started to take digiquartz measurement to confirm correct setting depth of the 30" conductor.
06:00	09:45	197	drilling -- casing	ok	Picked up to original pick up weight of 120 MT 0.8 meter. Washed down conductor to correct setting depth at 196.8 meter, hook load 101 MT. Checked depth with digiquartz; 38 cm below F-7. Pumped 19 m³ of 1.7 SG mud, then 38 m³ sea water while washing down, return fluid up on nearby well, F-7.
09:45	12:45	197	drilling -- casing	ok	Washed down 5 cm, and circulated/worked string until correct hookload, pumped a total of 216 m³ of sea water. Hook load 101 MT. Return fluid up on nearby well, F-7.
12:45	13:45	197	drilling -- casing	ok	Closed the centraliser Rams and verified same with the ROV. Checked depth with digiquartz; 43 cm below F-7.
13:45	14:15	197	drilling -- casing	ok	Pumped 15 m³ 1.65 SG mud and applied 20 bars back pressure to IBOP.
14:15	16:30	197	drilling -- casing	ok	Mixed and pumped 106 m³ 1.52 SG Tuned Light XL cement slurry, experienced problems with plugged lines towards the end. Pumped first 20 m3 at 600 lpm, then increased rate to 1000 l pm. Checked returns on F-7, only minor returns after 70 m³ pumped, got returns up F-14. Displaced cement slurry with 6.5 m³ SW with mud pumps. Hook load dropped from 101 to 99 MT during cement job.
16:30	17:15	197	drilling -- casing	ok	Bled off pressure and checked for back-flow. Removed cement hose and flushed through manifolds and hoses.
17:15	00:00	197	drilling -- casing	ok	Waited on cement to set. Meanwhile performed general maintenance.

Drilling Fluid

Sample Time	20:00	21:01
Sample Point	Reserve 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	197.7		1.03	estimated