

Summary report

Wellbore: 15/9-F-10

Period: 2009-05-04 00:00 - 2009-05-05 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	29
Days Ahead/Behind (+/-):	7.4
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2009-04-06 06:00
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:	2009-06-03

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2616
Depth mTVD:	2294
Plug Back Depth mMD:	
Depth at formation strength mMD:	1389
Depth At Formation Strength mTVD:	1331.7
Depth At Last Casing mMD:	2607.5
Depth At Last Casing mTVD:	2287.5

Summary of activities (24 Hours)

Retrieved casing landing string. Install WB and leak tested BOP. Slipped & cut drilling line. L/D 17 1/2" drilling BHA from derrick. M/U 12 1/4" drilling BHA. Attempted to leak test 13 3/8" casing.

Summary of planned activities (24 Hours)

RIH with RTTS, leak test 13 3/8" casing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	2607.5	drilling -- casing	ok	Continued to displace cement slurry in place with rig pumps; recorded 20 bar pressure increase when cement spacer / slurry entered into open hole. Reduced pump rate to 1200 lpm / 27 bar prior to bumping top plug. No losses seen during the entire cementing and displacement operations. Bumped top wiper plug at 8704 strokes, corresponding to 96.2 % pump efficiency. Shut down pumps and observed pressure drop from 38 - 18 bar. Pumped additional 20 strokes and observed pressure increase from 18 - 31 bar with returns back to surface. Shut down pumps.
00:30	00:45	2607.5	drilling -- casing	ok	Bled off casing pressure; 0.4 m3 OBM in return, verified float - OK.
00:45	02:30	2607.5	drilling -- casing	ok	Installed seal assembly according to Vetco procedure; held pre-job safety meeting with involved personnel prior to operations.
02:30	05:30	2607.5	drilling -- casing	ok	Leak tested seal assembly to 35/300 bar for 5/15 min - OK.
05:30	06:00	0	drilling -- casing	ok	Released PADRT and L/D cementing head.
06:00	06:15	138	drilling -- casing	ok	Cleaned and tidied up rig floor.
06:15	06:30	138	drilling -- casing	ok	Installed 2 x sponge balls, wiped / flushed 5 1/2" HWDP landing string at 660 lpm / 4 bar.
06:30	08:00	0	drilling -- casing	ok	Retrieved casing landing string, L/D PADRT and 2 x 5 1/2" HWDP joints. Held pre-job safety meeting with involved personnel prior to operations.
08:00	08:30	0	drilling -- casing	ok	R/D top drive air hose for Tesco CDS tool, removed excess casing handling equipment from rig floor.
08:30	10:15	140	drilling -- bop/wellhead equipment	ok	RIH with jet sub and WB assy, cleaned WH area at 1500 lpm / 10 bar.
10:15	12:00	0	drilling -- bop/wellhead equipment	ok	Installed 13 3/8" wear bushing; over-pull tested same 4 tons - OK. POOH and L/D WBRT.
12:00	13:30	48	drilling -- bop activities	ok	M/U and RIH with BOP test tool; held pre-job safety meeting with involved personnel prior to operations.
13:30	18:00	48	drilling -- bop activities	ok	Leak tested BOP and TDS IBOP's to 20/345 bar for 5/10 min - OK.
18:00	19:45	0	drilling -- bop activities	ok	POOH with BOP test assy, L/D test tool, XO's and jet sub.
19:45	20:15	0	drilling -- bop/wellhead equipment	ok	Cleaned and tidied up rig floor. Meanwhile inspected / greased top drive.
20:15	23:00	0	interruption -- maintenance	ok	Cut and slipped drilling line; held pre-job safety meeting with involved personnel prior to operations. Calibrated crown and floor savers.
23:00	00:00	0	drilling -- trip	ok	L/D 17 1/2" drilling BHA from derrick; inspected PRS dies / rollers and held pre-job safety meeting with involved personnel prior to operations.

Drilling Fluid

Sample Time	10:00	23:00
Sample Point	Active pit	Active pit
Sample Depth mMD	2616	2616
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.51	1.51
Funnel Visc (s)	-999.99	-999.99
Mf (I)		
Pm (I)		
Pm filtrate (I)		
Chloride (I)		

Calcium ()		
Magnesium ()		
Ph		
Excess Lime ()		
Solids		
Sand ()		
Water ()		
Oil ()		
Solids ()		
Corrected solids ()		
High gravity solids ()		
Low gravity solids ()		
Viscometer tests		
Plastic visc. (mPa.s)	41	44
Yield point (Pa)	14	11
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2616		1.01	estimated