

Summary report

Wellbore: 15/9-F-10

Period: 2009-04-28 00:00 - 2009-04-29 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	23
Days Ahead/Behind (+/-):	7.6
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:	1388.9
Depth At Last Casing mTVD:	1331.7

Summary of activities (24 Hours)

Pumped 38m3 LCM pill from 2495m to 2351m. POOH from 2351m. Took 30 ton weight at 2328m. Worked string from 2351m to 2328m, 0-4500 l/min, 0-270 bar, 0-120 rpm, 0-25 kNm, 0-30 ton over pull. Circulated bottom up, 4500 l/min, 270 bar, 120 rpm, 10-13 kNm. Attempted to pull, no go. Backreamed 3 stands. Pulled 4 stands, observed 25-30 ton over pull. RIH with 4 stands, continued to back ream from 2253m to 2212m. 4500 l/min, 275 bar, 180 rpm, 12-14 kNm.

Summary of planned activities (24 Hours)

Back ream from 2212m to shoe, 1389m. POOH with 17 1/2" BHA from 1389. to surface. Prepare for and RIH with 13 3/8" casing.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	05:00	2616	drilling -- circulating conditioning	ok	Circulated hole while waiting on LCM pill mixing. 3500 l/min, 180 bar, 50 rpm, 12-14 kNm. Reciprocated pipe between 2616m and 2589m.
05:00	05:30	2616	drilling -- circulating conditioning	ok	Circulated hole while waiting on hi-vis pill mixing. 3500 l/min, 180 bar, 50 rpm, 12-14 kNm. Reciprocated pipe between 2616m and 2589m.
05:30	06:00	2535	drilling -- circulating conditioning	ok	-
06:00	08:15	2351	drilling -- circulating conditioning	ok	Pumped LCM pill as we pulled 17 1/2" BHA from 2495m to 2351m. 900 l/min, 20 bar, no rotation.
08:15	16:15	2328	drilling -- ream	ok	Pulled from 2351m to 2328m. Observed 30 ton overpull. Observed pack off repeatedly. Worked string from 2360m to 2328m, 0-4500 l/min, 0-270 bar, 0-120 rpm, 0-25 kNm, 0-30 ton over pull.
16:15	18:30	2360	drilling -- circulating conditioning	ok	Circulated bottom up, 4500 l/min, 270 bar, 120 rpm, 10-13 kNm. Reciprocated pipe between 2360m and 2346m.
18:30	19:30	2360	drilling -- circulating conditioning	ok	Pulled from 2360m to 2346m. No pumping no rotation. Pulled 2m lowered 1m in steps. Took weight at 2350m.
19:30	22:00	2293	drilling -- circulating conditioning	ok	Lowered string to 2356m, started to backream from 2356m to 2293m. Increased pumps in steps to 2000 l/min, 65-70 bar, 80 rpm, 11-13 kNm. Layed out 1 joint of 5 1/2" DP.
22:00	23:30	2250	drilling -- ream	ok	Back reamed from 2293m to 2250m with increased flow to 3600 l/min, 188-190 bar, 80 rpm, 12-15 kNm.
23:30	00:00	2250	drilling -- circulating conditioning	ok	Increased parameters to 4500 l/min, 275 bar, 180 rpm, 13-15 kNm.

Drilling Fluid

Sample Time	04:00	14:00	21:00
Sample Point	Flowline	Flowline	Flowline
Sample Depth mMD	2616	2616	2616
Fluid Type	OBM-Standard	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.51	1.51	1.51
Funnel Visc (s)	-999.99	-999.99	-999.99
Mf (I)			
Pm (I)			
Pm filtrate (I)			
Chloride (I)			
Calcium (I)			
Magnesium (I)			
Ph			
Excess Lime (I)			
Solids			
Sand (I)			
Water (I)			
Oil (I)			
Solids (I)			
Corrected solids (I)			
High gravity solids (I)			
Low gravity solids (I)			
Viscometer tests			
Plastic visc. (mPa.s)	37	32	31
Yield point (Pa)	13	11.5	10.5
Filtration tests			
Pm filtrate (I)			
Filtrate Lthp (I)			

Filtrate Hthp ( )			
Cake thickn API ( )			
Cake thickn HPHT ( )			
Test Temp HPHT (degC)	120	120	120
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2616		1	estimated