

Summary report

Wellbore: 15/9-F-12

Period: 2007-08-09 00:00 - 2007-08-10 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	58
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):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.7
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	2572.5
Depth mTVD:	2481.5
Plug Back Depth mMD:	
Depth at formation strength mMD:	1353
Depth At Formation Strength mTVD:	1353
Depth At Last Casing mMD:	1357
Depth At Last Casing mTVD:	1333

Summary of activities (24 Hours)

MU and RIH with 12 1/4" BHA to 1410 m MD. Observed and trouble-shot incorrect displacement. POOH with 12 1/4" BHA to 200 m. Located leakage in BHA to be in energizer. LO same, changed jar and LO MWD tools due to battery life. Performed cut & slip on drill line. MU and RIH with 12 1/4" BHA to 69 m MD.

Summary of planned activities (24 Hours)

Continue MU and RIH with 12 1/4" BHA to 14" csg. shoe. Drill out 14" shoe and clean out rat hole with 1.35 sg mud from last section. Drill cement and 3 m new formation. Perform FIT to 1.48 sg EMW. Displace well to 1.35 sg OBM. Drill 12 1/4" hole to 2616 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	26	drilling -- drill	ok	PU and MU backup Stetho Scope.
00:30	06:00	486	drilling -- drill	ok	MU and RIH with 12 1/4" BHA from 26 to 324 m MD. Programed sonic vision tool and loaded radioactive sources according to Schlumberger procedure. Weight below jar is 16 MT.
06:00	08:30	1410	drilling -- drill	ok	MU and RIH with 12 1/4" BHA from 324 m to 1410 m MD. MU TDS and tested downhole tools at 3500 lpm, 148 bar at 1000 m.
08:30	10:30	1410	drilling -- drill	ok	Observed incorrect displacement while RIH. Pumped at high flow rate in an attempt to free any debris inside float. Lined up to pump down kill line with annular closed to test float. Pumped down kill line with 30 bar and observed communication into drill string.
10:30	13:00	200	drilling -- drill	ok	POOH with 12 1/4" BHA from 1410 m to 200 m MD.
13:00	17:00	143	drilling -- drill	ok	Lined up to locate leakage in 12 1/4" BHA. Tested drill string through kill line and observed pressure drop. Continued to POOH and tested each std via kill line for possible wash out. Found leakage in energizer. LD energizer and BO MWD tools due to battery life.
17:00	00:00	0	drilling -- drill	ok	POOH with 12 1/4" BHA from 143 m to surface. LO jar and PU new jar. BO and LO MWD tools and downloaded radioactive sources. Unlatched battery on Stetho Scope.

Bit Record

Run No.	Bit Size	Bit Type	IADC Code	Manufacturer	Hrs Drilled	Start mMD	End mMD	Hole Made (last 24H)	Hours Drilled (last 24H)	Form ROP	Total ROP	Total Hole Made	Total Hrs Drilled
10	12.25 in 2	RS616-M-A1	M332	Reed-Hycalog		25725	25725						

Drilling Fluid

Sample Time	22:00
Sample Point	Active pit
Sample Depth mMD	-999.99
Fluid Type	HPWBM
Fluid Density (g/cm3)	1.36
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)	39
Yield point (Pa)	10.5
Filtration tests	

Pm filtrate ()	
Filtrate Ltph ()	
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	2573		1.05	estimated