

Summary report

Wellbore: 15/9-F-12

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

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	57
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 (I):	
Pressure (I):	
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 (I):	

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 1327 m MD. Found float failure. POOH with 12 1/4" BHA to change float. MU and RIH with 12 1/4" BHA to 1327 m MD.

Summary of planned activities (24 Hours)

Continue MU and RIH with 12 1/4" BHA to 14" csg. shoe. Perform cut & slip. 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 2646 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	06:00	324	drilling -- trip	ok	MU and RIH with 12 1/4" BHA from 9 to 324 m MD. Handled radioactive sources and installed 6 5/8" Totco ring below 5 1/2" HWDP. Weight below jar is 16 MT.
06:00	08:30	1000	drilling -- drill	ok	MU and RIH with 12 1/4" BHA from 324 m to 1000 m MD.
08:30	09:00	1000	drilling -- drill	ok	MU TDS and tested downhole tools at 3500 lpm, 153 bar.
09:00	10:00	1327	drilling -- drill	ok	MU and RIH with 12 1/4" BHA from 1000 m to 1327 m MD.
10:00	11:30	1327	drilling -- drill	ok	Found trip tank displacement to be equal to metal displacement and not the calculated 646 l/std. Closed annular and pumped through lower kill to see if float was holding. Observed immediate pressure increase on DP side.
11:30	12:00	1327	drilling -- drill	ok	Held tool box talk prior to POOH and change float. RU mud bucket.
12:00	15:00	200	drilling -- drill	ok	POOH with 12 1/4" BHA from 1327 m to 200 m MD to change float. Pumped slug when BHA at surface.
15:00	15:30	200	drilling -- drill	ok	Removed auto slips and installed master bushings and inserts.
15:30	19:00	0	drilling -- drill	ok	POOH with 12 1/4" BHA from 200 m to surface. Removed radioactive source from ADN at 47 m.
19:00	22:00	26	drilling -- drill	ok	Held tool box talk with new crew. Broke off 12 1/4" bit and LO powerdrive. PU and MU 12 1/4" bit and backup powerdrive with pre-installed float. RIH with ADN to 26 m MD.
22:00	00:00	26	drilling -- drill	ok	Inspected and evaluated damaged setting pistons on Stetho Scope. Decided to RIH with backup 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
9	12.25 in	RS616M-A1 2	M332	Reed-Hycalog		2572.5	2572.5						

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 Lthp ()	
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