

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-05-08 00:00 - 2013-05-09 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	64
Days Ahead/Behind (+/-):	
Operator:	Statoil
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Maersk Drilling
Spud Date:	2013-03-07 17:30
Wellbore type:	
Elevation RKB-MSL (m):	54.9
Water depth MSL (m):	91
Tight well:	Y
HPHT:	Y
Temperature ():	
Pressure ():	
Date Well Complete:	2013-05-09

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.65
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	4562.1
Depth mTVD:	3398.2
Plug Back Depth mMD:	
Depth at formation strength mMD:	2574
Depth At Formation Strength mTVD:	2442
Depth At Last Casing mMD:	2570.7
Depth At Last Casing mTVD:	2442

Summary of activities (24 Hours)

Performed wireline run #2 (Gyro).
Pulled / reamed out of hole with 8 1/2" bottom hole assembly from 4562m MD to 4323m MD.

Summary of planned activities (24 Hours)

Pull out of hole with 8 1/2" bottom hole assembly.
Run in hole with 3 1/2" stinger on 5 1/2" drill pipe.
Set P&A plug #1 (A+B)

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	14:45	4562	formation evaluation -- log	ok	Performed wireline run #2 (Gyro) from 145m MD to 4562m MD.
14:45	15:45	4562	formation evaluation -- log	ok	Broke out and laid down wireline toolstring #2 (Gyro).
15:45	17:30	4562	drilling -- circulating conditioning	ok	Broke circulation with 2300 lpm and 144 bar. Circulated bottoms up. Meanwhile: Rigged down wireline equipment. Removed wireline sheave from derrick. Installed auto slips.
17:30	17:45	4562	drilling -- pressure detection	ok	Performed flowcheck for 15 minutes - well static.
17:45	23:00	4407	drilling -- trip	ok	Pulled out of hole with 8 1/2" bottom hole assembly from 4562m MD to 4467m MD. Took 5MT overpull at 4467m MD. Attempted to pass restriction several times with maximum 30MT - no go. Attempted to run in hole with 8 1/2" bottom hole assembly with up to 40 MT - no go. Established circulation with 1300 lpm and 54 bar, no losses. Attempted to establish rotation - no go. Applied full string weight, and established rotation. Reamed stand down from 4467m MD to 4482m MD. Attempted to ream stand up several times - no go. Stalled out at 4467m MD. Stopped rotation and circulation and attempted to pull 8 1/2" bottom hole assembly out of hole from 4467m MD - no go. Established rotation with 50 rpm. Got passed restriction. Pulled / reamed out of hole with 8 1/2" bottom hole assembly from 4467m MD to 4407m MD with 1400 lpm, 31 bar, 50 rpm and 16-30 kNm. Observed tight spots at 4468m and 4460m.
23:00	00:00	4266	drilling -- trip	ok	Lubricated out of hole with 8 1/2" bottom hole assembly from 4407m MD to 4323m MD with 221 lpm and 11 bar.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	1247		pipe handling equ syst -- other	0	0:00	RIH 14" 169.65 kg/m csg from 1057 m to 1247 m filling every joint with 1.42 sg OBM. Observed leaking hose power tong.
00:00	1348		pipe handling equ syst -- other	0	0:00	Made up connection on pack-off. Checked and re-tighten alien screw lock keys securing pack-off on FAC .
00:00	1527		pipe handling equ syst -- other	0	0:00	Removed hydraulic hose on power tong stabbing guide and blanked off fitting on power tong.
00:00	935		hoisting equ -- top drive	0	0:00	While running 14" 169.65 kg/m casing a bolt on one out of four U-clamps sheared off. Potential 0.12kg*4 m*9.81=5J. Series of event. Came down with top drive to approximately 3 m to P/U 14" csg. joint. Moved horizontal tubular feeding machine in and tilt
00:00	3350		service equ -- mud logging equ	0	0:00	Due to high winds mud logging unit shoot down. Started to build wind wall around outlet on unit. While attempting to purge unit the wind cause the purge sequence to start over Purged mud logging unit and re-booted computers

Drilling Fluid

Sample Time	09:30	20:30
Sample Point	Active pit	Active pit
Sample Depth mMD	4562	4562
Fluid Type	Enviromul Yellow	Enviromul Yellow
Fluid Density (g/cm3)	1.32	1.32
Funnel Visc (s)	-999.99	-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)	37	36
Yield point (Pa)	10.5	12
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	2600		.78	estimated
00:00	4146		1.29	estimated
00:00	4562		1.09	estimated