

Summary report

Wellbore: 15/9-F-11 T2

Period: 2013-05-06 00:00 - 2013-05-07 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	62
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 (I):	
Pressure (I):	
Date Well Complete:	2013-05-09

Dist Drilled (m):	0
Penetration rate (m/h):	-999.99
Hole Dia (in):	8.5
Pressure Test Type:	formation integrity tes t
Formation strength (g/cm3):	1.65
Dia Last Casing (I):	

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)

Laid down 8 1/2" bottom hole assembly.
Picked up and made up new 8 1/2" bottom hole assembly for VSP.
Ran in hole with 8 1/2" bottom hole assembly to 4562m MD and tagged TD with 5 MT.
Circulated bottoms up and performed prejob meeting prior to run wireline run #1 (VSP).

Summary of planned activities (24 Hours)

Perform VSP.
Run guro for final TD survey.
Pull out of hole with 8 1/2" bottom hole assembly.
Lay down 8 1/2" bottom hole assembly.
Run in hole with 3 1/2" x 5 1/2" drill pipe.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:30	229	drilling -- trip	ok	Pulled out of hole with 8 1/2" bottom hole assembly on 5 1/2" drill pipe from 1911m MD to 229m MD.
02:30	02:45	229	drilling -- pressure detection	ok	Performed flowcheck for 15 minutes prior to pull 8 1/2" bottom hole assembly through BOP - well static.
02:45	08:15	0	drilling -- trip	ok	Laid down 8 1/2" bottom hole assembly from 229m MD to deck.
08:15	08:45	0	drilling -- other	ok	Cleaned and tidied rig floor.
08:45	09:00	0	drilling -- other	ok	Performed prejob meeting prior to making up 8 1/2" bottom hole assembly for VSP.
09:00	10:15	0	drilling -- other	ok	Made up 8 1/2" bottom hole assembly for VSP.
10:15	11:45	413	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly to 413m MD.
11:45	12:00	413	drilling -- trip	ok	Picked up and made up 6m pup joint.
12:00	13:00	816	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly from 413m to 816m MD.
13:00	14:00	816	drilling -- trip	ok	Engaged top drive and filled pipe. Installed PS21 slips. Broke off top drive.
14:00	15:00	1624	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly from 816m to 1624m MD.
15:00	15:45	1624	drilling -- trip	ok	Engaged top drive and filled pipe. Emptied trip tank and broke off top drive.
15:45	17:00	2548	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly from 1624m to 2548m MD.
17:00	19:00	2548	drilling -- trip	ok	Engaged top drive and broke circulation with 2300 lpm and 88 bar.
					Meanwhile: Performed prejob meeting prior to rig up wireline sheaves in derrick. Rigged up wireline sheaves in derrick.
19:00	20:30	3436	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly from 2548m to 3436m MD.
20:30	20:45	3436	drilling -- trip	ok	Engaged top drive and filled pipe. Emptied trip tank.
20:45	22:45	4528	drilling -- trip	ok	Ran in hole with 8 1/2" bottom hole assembly from 3436m to 4528m MD.
22:45	23:15	4562	drilling -- trip	ok	Engaged top drive. Pumped down last stand with 500 lpm and 30 bar. Tagged bottom with 5 MT.
23:15	00:00	4562	drilling -- circulating conditioning	ok	Staged up pumps to 2300 lpm and 154 bar. Circulated bottoms up with 60 rpm.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2424		drill floor -- draw works	0	00:00	0600 hrs the ET was called to the floor because the driller faced problems with draw work. Investigation showed that the draw work motors torque up attempting to take the load from the draw work brake, but when the break released the casing lowered 2-3

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
11	8.5 in	QD606FX	M323	Hughes Christensen	112.7	2577	2577			17.6	17.6	1985	112.7
12	8.5 in	RC347	347	Hughes Christensen		4562	4562						

Drilling Fluid

Sample Time	11:00	20:00
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)	36	36
Yield point (Pa)	10.5	11.5
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