

Summary report

Wellbore: 15/9-F-10

Period: 2009-04-21 00:00 - 2009-04-22 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	16
Days Ahead/Behind (+/-):	8.5
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):	0
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	1400
Depth mTVD:	1341
Plug Back Depth mMD:	1362
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	1388.9
Depth At Last Casing mTVD:	1331.7

Summary of activities (24 Hours)

Laid out DC and made up BHA. Made repairs on PS-21 slips. Made repairs on TDS. RIH with 17 1/2" BHA from 190 m and tagged cement/plugs at 1359 m MD. Displaced from SW to 1,40 sg OBM. Drilled plugs and shoetrack form 1359 m to 1389,7 m MD. Cleaned out rathole.

Summary of planned activities (24 Hours)

Clean out rathole and drill 3 m of new formation. Circulate to even MW in/out. Perform fit to 1,60 EMW. Drill 17 1/2" hole section to 1600 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	140	drilling -- casing	ok	RIH with NSP to 140 m MD and set according to Vetco instructions.
01:30	02:15	0	drilling -- casing	ok	POOH with NSP RT from 140 m MD to surface. Broke and laid down RT.
02:15	02:30	0	drilling -- trip	ok	Held toolbox talk for making up 17 1/2" drilling BHA.
02:30	05:30	55	drilling -- trip	ok	Made up 17 1/2" drilling BHA comprising of 17 1/2" bit/PDX5/stab, Powerpulse, ARC, 17" NM stab and stand of 9 1/2" NMDC. Made up x-over to DC.
05:30	06:00	55	drilling -- trip	ok	Picked up stand of 8,25" DC. Broke and laid out 8,25" DC singles for onshore inspection.
06:00	08:15	55	drilling -- trip	ok	Broke and laid out 8,25" DC singles. Ran stand of 8,25" DC, broke and laid out 2 singels.
08:15	10:30	115	drilling -- trip	ok	Picked up and made up 2 x 8,25" DC and jar. Picked up and made up 2x8,25" DC and intensifier.
10:30	10:45	115	drilling -- drill	ok	Removed master bushing and installed PS-21 slips.
10:45	11:30	115	interruption -- other	ok	Found sheared bolt on actuator for PS-21. Removed PS-21 for repairs. Installed master bushing. Repaired PS-21 slips.
11:30	11:45	194	drilling -- drill	ok	RIH with 17 1/2" drilling BHA on 5 1/2" DP from 115 m to 194 m MD. Used manual slips. Meanwhile repaired PS-21 slips.
11:45	13:00	194	interruption -- maint ain	ok	Isolated TDS for maintenance. Changed out TDS centralizer bushings. Changed die carriers on TDS torque wrench.
13:00	13:15	194	interruption -- other	ok	Removed masterbushing and installed PS-21 slips.
13:15	15:00	1000	drilling -- drill	ok	RIH with 17 1/2" drilling BHA on 5 1/2" DP from 194 m to 1000 m MD.
15:00	15:45	1000	drilling -- drill	ok	Filled drillstring with SW. Tested MWD - ok.
15:45	16:45	1323	drilling -- drill	ok	RIH with 17 1/2" drilling BHA on 5 1/2" DP from 1000 m to 1323 m MD.
16:45	17:30	1323	drilling -- drill	ok	Performed choke drill.
17:30	17:45	1323	drilling -- drill	ok	Held toolbox talk for drilling ahead and dispalcing to 1,40 SG OBM.
17:45	19:00	1359	drilling -- drill	ok	Washed down from 1323 m and tagged top of cement/plugs at 1359 m MD. Parameters : Flow 3200 lpm / SPP 64 bar / 30 RPM / Torque 10-13 kNm.
19:00	19:30	1359	drilling -- circulating conditioning	ok	Held toolbox talk / handover meeting.
19:30	20:00	1359	drilling -- circulating conditioning	ok	Lined up for displacement and drained U-tube in surface equipement. Posted personnel.
20:00	22:00	1359	drilling -- circulating conditioning	ok	While drilling on wiper plugs at 1359 m MD - displaced well from SW to 1,40 sg OBM. Displaced mainfold and C/K lines to OBM. Drilling parameters : Flow 3200 lpm / SPP 60 bar increasing to 125 bar / 60 RPM / Torque 12 kNm decreasing to 8 kNm / WOB ~5 MT / ECD 1,38.
22:00	00:00	1359	drilling -- casing	ok	Drilled on cement plugs at 1359 m MD. Little or no progress was made. Drilling parameters : Flow 3200 lpm / SPP 123 to 118 bar / 40-60 RPM / WOB 5-10 MT / Torque 9-12 kNm. When increasing WOB to 10 MT - observed high stick/slip on MWD.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	136		hoisting equ -- top drive	0	00:00	Worn centralizing liners on TDS. Scores on DP couplings.

Drilling Fluid

Sample Time	04:00	16:00
Sample Point	Reserve pit	Reserve pit
Sample Depth mMD	1400	1400
Fluid Type	OBM-Standard	OBM-Standard
Fluid Density (g/cm3)	1.4	1.4
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)	20	20
Yield point (Pa)	5	5
Filtration tests		
Pm filtrate ()		
Filtrate Lthp ()		
Filtrate Hthp ()		
Cake thickn API ()		
Cake thickn HPHT ()		
Test Temp HPHT (degC)	120	120
Comment		