

Summary report

Wellbore: 15/9-F-10

Period: 2009-04-12 00:00 - 2009-04-13 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	7
Days Ahead/Behind (+/-):	1.5
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 ():	
Pressure ():	
Date Well Complete:	2009-06-03

Dist Drilled (m):	332
Penetration rate (m/h):	-999.99
Hole Dia (in):	26
Pressure Test Type:	
Formation strength (g/cm3):	0
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	660
Depth mTVD:	657
Plug Back Depth mMD:	
Depth at formation strength mMD:	0
Depth At Formation Strength mTVD:	0
Depth At Last Casing mMD:	201.7
Depth At Last Casing mTVD:	201.7

Summary of activities (24 Hours)

Drilled 26" hole from 390 m to 459 m MD. Perfomed gyro survey. Drilled 26" hole from 459 m to 798 m MD. Pumped hivis to clean hole. Perfomed gMWD/MWD surveys according to program.

Summary of planned activities (24 Hours)

Drill 26" hole from 798 m to 1200 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	02:00	338	drilling -- drill	ok	Took 2 gMWD surveys at 328 m MD. Drilled 26" hole / slided from 328 m to 338 m MD. Drilling parameters : Flow 3000 lpm / SPP ~82 bar / 83 RPM / WOB 5-7 MT / Torque 3 kNm. Perfomed 3 gMWD surveys at 338 m MD. Obtained survey within specification on 3rd attempt.
02:00	03:15	354	drilling -- drill	ok	Drilled 26" hole / slided from 338 m to 354 m MD. Drilling parameters : Flow 3000 lpm / SPP ~75 bar / ~85 RPM / WOB 5-6 MT / Torque 3-5 kNm. Secured DP at Centralizer deck and took gMWD survey at 354 m MD - ok.
03:15	06:00	390	drilling -- drill	ok	Drilled 26" hole / slided from 354 m to 390 m MD. Drilling parameters : Flow 3000 lpm / SPP 50-105 bar / 90-180 RPM / WOB 5-10 MT / Torque 4-8 kNm. Secured DP at Centralizer deck and took gMWD survey as instructed by DD.
06:00	10:30	459	drilling -- drill	ok	Drilled 26" hole / slided from 390 m to 459 m MD. Drilling parameters : Flow 3500 lpm / SPP 50-112 bar / 90-180 RPM / WOB 5-10 MT / Torque 4-7 kNm / ROP 40 m/hr. Pumped 2-3 hivis pills per stand.
10:30	10:45	459	drilling -- drill	ok	Rigged up WL equipment to run gyro.
10:45	12:15	459	drilling -- drill	ok	Ran WL gyro. Landed gyro in UBHO at 420 m MD and performed survey. Experienced noise interference downhole. POOH with WL gyro and changed setting from North seeking to line of sight. RIH with gyro and landed in UBHO. Perfomed survey. POOH with WL gyro, performed contiunous survey on way out.
12:15	12:30	459	drilling -- drill	ok	Rigged down WL equipment.
12:30	22:30	620	drilling -- drill	ok	Drilled 26" hole / slided from 459 m to 620 m MD. Drilling parameters Flow 3100-4500 lpm / SPP 85-177 bar/ 130-220 rpm / WOB 4-15 MT / Torque 5-12 kNm / ROP 30-60 m/hr. Perfomed gMWD/MWD survey on every single. Pumped 2-3 hivis pills per stand.
22:30	00:00	660	drilling -- drill	ok	Drilled 26" hole / slided from 620 m to 660 m MD. Drilling parameters Flow 3100-4500 lpm / SPP 95-180 bar/ 130-220 RPM / WOB 4-15 MT / Torque 5-12 kNm / ROP 30-50 m hr. Perfomed gMWD/MWD on every connection. Pumped 2-3 hivis pills per stand.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	231		pipe handling eq u syst -- other	0	00:00	When drilling 26" hole section it was observed that the PS-21 slips was damaged. One of the guides where partly loose and a bolt was damaged. The PS-21 was removed for repair and the operation continued using manual slips. Repaired PS-21 and re-inserted in

Drilling Fluid

Sample Time	23:00
Sample Point	Reserve pit
Sample Depth mMD	573
Fluid Type	Spud Mud
Fluid Density (g/cm3)	1.05
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)	-999.99
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	

Survey Station

Depth mMD	Depth mTVD	Inclination (dega)	Azimuth (dega)	Comment
371.2	371.2	2.99	118.37	
387.1	387	3.68	118.37	
401.1	401	4.38	116.26	
414.2	414.1	4.81	117.76	
427.8	427.6	4.99	114.15	
440.2	440	4.99	116.44	
454.8	454.5	5.72	118.37	
468.1	467.7	6.03	115.65	
480.9	480.5	6.46	115.74	
494.8	494.3	6.81	114.5	
508.6	508	7.07	113.8	
521.7	521	7.33	113.19	
536.6	535.7	8.03	114.94	
549	548	8.72	112.83	
561.3	560.2	9.33	115.47	
602.1	600.3	11.7	115.82	
642.1	639.3	13.07	116.96	
683	679.1	13.85	121.36	
709.5	704.8	14.31	122.38	