Summary report

Wellbore: 15/9-F-10 **Period: 2009-04-11 00:00 - 2009-04-12 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	6
Days Ahead/Behind (+/-):	.8
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):	121
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:	328
Depth mTVD:	328
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 239 m to 246 m MD. Performed singel shot survey on WL. Reamed hole to obtain verticallity. Drilled 26" hole from 246 m to 298 m MD. Performed single shot survey on WL. Initiated kick off. Drilled and oriented 26" hole from 298 m to 390 m MD.

Summary of planned activities (24 Hours)

Drill and orient 26" hole from 390 m to 900 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	207	drilling -- casing	ok	Reciprocated across rathole and shoe 4 times. Swept hole with 20 m3 hivis pill.
00:30	01:45	217	drilling -- drill	ok	Drilled 26" hole from 207 m to 217 m MD. Drilling parameters : Flow 3500 lpm / SPP 98 bar / 40 RPM / WOB < 1 MT / Torque 2-3 kNm. Secured string on Centralizer deck. Performed gMWD survey - out of specification. Continuos MWD survey 0-0,57 deg.
01:45	03:45	228	drilling -- drill	ok	Drilled 26" hole from 217 m to 228 m MD. Drilling parameters : Flow 3500 lpm / SPP 48-95 bar / 40 RPM / WOB < 1 MT / Torque 2-3 kNm. Observed erratic string and torque peaks of 6-7 kNm at 227 m MD. Secured string on Centralizer deck. Performed gmWD survey - out of specification. MWD survey inclination 0,21 deg.
03:45	04:00	231	drilling -- drill	ok	Drilled 26" hole from 228 m to 231 m MD. Drilling parameters : Flow 3500 lpm / SPP 100 bar / 40 RPM / WOB 1-2 MT / Torque 2-3 kNm. Observed lose guide on automatic slips. Picked off bottom and stopped drilling.
04:00	04:15	231	interruption -- other	ok	Removed automatic slips from rotary for repair. Continued operation with manual slips.
04:15	05:00	233	drilling -- drill	ok	Drilled 26" hole from 231 m to 233 m MD. Drilling parameters : Flow 3500 lpm / SPP 100 bar / 40 RPM / WOB 1-2 MT / Torque 2-3 kNm. Secured string on Centralizer deck. Performed gMWD survey - out of specification. MWD survey inclination 0,26 deg.
05:00	06:00	239	drilling -- drill	ok	Drilled 26" hole from 233 m to 239 m MD. Drilling parameters : Flow 3500 lpm / SPP 100 bar / 40 RPM / WOB 3-5 MT / Torque 2-4 kNm.
06:00	07:15	245	drilling -- drill	ok	Drilled 26" hole from 239 to 245 m MD. Drilling parameters : Flow 3500 lpm / SPP 100 bar / 40 RPM / WOB 3-5 MT / Torque 2-4 kNm. Secured DP at Centralizer deck. Performed gMWD survey - accepted (inc 0,24 / azi 238 deg).
07:15	07:30	245	drilling -- drill	ok	Reamed interval 230-246 m MD in order to reduce inclination. Parameters : Flow 3500 lpm / SPP 97 bar / 40 RPM / Torque 2-4 kNm.
07:30	08:00	244	drilling -- drill	ok	Rigged up WL for performing singel shot survey.
08:00	08:45	244	drilling -- drill	ok	Ran singel shot survey. Landed gyro in UBHO at 208 m MD and performed survey. POOH with WL.
08:45	09:00	244	drilling -- drill	ok	Rigged down WL equipment.
09:00	11:15	246	drilling -- drill	ok	Reamed interval 222-246 m MD in order to reduce inclination. Parameters : Flow 3500 lpm / SPP 95 bar / 140 RPM / Torque 2-4 kNm. Pumped 2 x 10 m3 hivis pills. Reduced iclination from 0,53 deg to 0,16 deg.
11:15	13:30	257	drilling -- drill	ok	Drilled 26" hole from 246 m to 257 m MD. Drilling parameters : Flow 3500 lpm / SPP 100 bar / 40 RPM / WOB 3-5 MT / Torque 2-4 kNm. Secured DP at Centralizer deck. Performed gMWD survey - accepted. Pumped 10 m3 hivis pill.
13:30	14:15	257	interruption -- other	ok	Changed to slimmer type dies in TDS pipe handler in order to minimize scoring of DP couplings.
14:15	20:15	298	drilling -- drill	ok	Drilled 26" hole from 257 m to 298 m MD. Flow 3100-3500 lpm / SPP ~100 bar / 40 RPM / WOB 2-3 MT / Torque 2-4 kNm. Secured DP at Centralizer deck and performed gMWD survey every singel drilled. Pumped hivs every singel.
20:15	20:45	298	drilling -- drill	ok	Rigged up WL for performing singel shot survey. Marked pipe and rotary for tooface orientation.
20:45	21:15	298	drilling -- drill	ok	Ran singel shot survey. Landed gyro in UBHO at 256 m MD and performed survey. Adjusted toolface to ~132 deg and repeated surveys as required. POOH with WL.
21:15	21:45	298	drilling -- drill	ok	Rigged down WL equipment. Made up TDS and performed gMWD survey.
21:45	22:00	298	interruption -- other	ok	Inserted automatic slips (after repair job).
22:00	22:15	298	drilling -- drill	ok	Perfomed gMWD survey. Staged up pumps to 3000 lpm for sliding.
22:15	00:00	328	drilling -- drill	ok	Initiated kick off according to DDs instructions. Drilled/slided from 298 m to 328 m MD. Drilling parameters : Flow 3000 lpm / SPP ~75 bar / 87-121 RPM / WOB 2-10 MT / Torque 1-4 kNm. Performed gMWD survey at 316 m MD.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	36		pipe handling equ syst -- drill floor tube handl syst	0	00:00	Hydraulic leakage on AFT Iron roughneck.

Drilling Fluid

Sample Time	23:00
Sample Point	Reserve pit
Sample Depth mMD	316

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
150	150	.15	232.43	
160	160	.13	185.89	
170	170	.13	247.15	
180	180	.18	237.15	
190	190	.15	224.23	
202	202	.22	231.74	
210	210	.18	252.26	
220	220	.14	285.63	
230	230	.12	264.95	
240	240	.17	254.96	
250	250	.16	232.05	
256.7	256.7	.1	238.5	
266.9	266.9	.16	208.9	
280	280	.35	212.33	
320	320	.53	150.89	
334.8	334.8	.79	140.78	
351.8	351.8	2.11	122.59	
360.2	360.2	2.55	121.01	