

Summary report

Wellbore: 15/9-F-14

Period: 2008-05-21 00:00 - 2008-05-22 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	36
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-11-04 00:00
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:	2008-06-15

Dist Drilled (m):	3
Penetration rate (m/h):	-999.99
Hole Dia (in):	17.5
Pressure Test Type:	leak off test
Formation strength (g/cm3):	1.74
Dia Last Casing (I):	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMd:	2284
Depth mTVD:	2281
Plug Back Depth mMD:	
Depth at formation strength mMD:	2284
Depth At Formation Strength mTVD:	2281
Depth At Last Casing mMD:	2275.4
Depth At Last Casing mTVD:	2274.1

Summary of activities (24 Hours)

RIH with 12 1/4" BHA from 526 m and tagged cement at 2248 m MD. Drilled cement plug and shoetrack. Cleaned out rathole and drilled 3 m new formation down to 2284 m MD. Performed XLOT. Displaced from WBM to OBM.

Summary of planned activities (24 Hours)

Drill 12 1/4" section from 2284 m to 2700 m MD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:45	26	drilling -- trip	ok	Reinstalled lift sub on C-link assy to check threads - ok. Made up schlumberger C-link assy - ok.
00:45	03:15	61	drilling -- trip	ok	Picked up and made up ARC, Powerpulse, Sonicvison, NMDC and NMDC pony.  Meanwhile lined up for testing CRI hose and perform injection test. Observed that CRI hose had detached from subsea wellhead. Valve on hose and check valve was d ug in the mud/seabed. Attempted to grab valve assembly but could not apply enough force with ROV.
03:15	04:15	159	drilling -- trip	ok	Made up stand og 8 1/4" DC and jar. Made up stand of DC. Made up x-over. Picked up and made up 4 x 5 1/2" HWDP singles (1 stand).  Meanwhile deployed moonpool tugger to assist ROV in recovering CRI valve assembly from mud/seabed.
04:15	04:45	159	drilling -- drill	ok	Held toolbox talk. Removed masterbushing and installed automatic slips in rotary
04:45	05:30	526	drilling -- drill	ok	RIH with 12 1/4" drilling BHA on 5 1/2" DP from 159 m to 526 m MD.  Meanwhile worked to recover CRI valve assembly with ROV and tugger assist. Closed valve on subsea wellhead.
05:30	06:00	526	drilling -- drill	ok	Made up TDS. Circulated according to Schlumberger instructions and performed shallow test of MWD.
06:00	09:45	2139	drilling -- drill	ok	RIH with 12 1/4" drilling BHA on 5 1/2" DP from 526 m to 2139 m MD. Broke circulation every 500 m.
09:45	10:30	2139	interruption -- other	ok	Checked allignement of TDS.
10:30	11:15	2139	drilling -- drill	ok	Held handover meeting and toolbox meeting prior to chokedrill. Performed choke drill.
11:15	12:00	2206	drilling -- drill	ok	Continued to RIH with 12 1/4" BHA on 5 1/2" DP from 2139 m to 2206.
12:00	12:15	2206	drilling -- drill	ok	Laid out single from stand #51 to space out for drilling shoetrack and rathole without connection.
12:15	13:15	2248	drilling -- drill	ok	Made up TDS and broke circulation. Whashed down from 2206 m at 2650 lpm / SPP 123 bar and tagged cement plug at 2247,8 m MD.
13:15	17:30	2248	drilling -- casing	ok	Drilled on cement plugs at 2248 m MD. Drilling parameters : Flow 2700 lpm / SPP ~120 bar / String RPM 105 / WOB 3-6 MT / Torque ~5 kNm / ECD 1,31-1,32. Picked off bottom every 10-15 min to clean bit.
17:30	19:00	2275	drilling -- casing	ok	Broke through plugs/float collar. Drilled firm cement from 2248 m to shoe at 2275 m MD. Drilling parameters : Flow 2700 lpm / SPP ~120 bar / String RPM 105 / WOB 1 -3 MT / Torque 5-9 kNm / ECD 1,32.
19:00	20:00	2281	drilling -- casing	ok	Cleaned rathole below 14" casing down to 2281 m MD. Remaed through shoe for every 2 m drilled. Drilling parameters : Flow 2500-3000 lpm / SPP 113-140 bar / Strin g RPM 105-115 / WOB 1-2 MT / Torque ~7 kNm / ECD 1,32.
20:00	20:30	2284	drilling -- drill	ok	Drilled 12 1/4" hole section from 2281 m to 2284 m MD. Drilling parameters : Flow 2500-3000 lpm / SPP 114-145 bar / String RPM 105-115 / WOB 3-4 MT / Torque 7-9 kNm / ECD 1,32.
20:30	22:15	2268	formation evaluation -- circulating conditioning	ok	Circulated at 3000 lpm to clean hole and get even mudweight. Observed clean shakers and even MW in/out of 1,30 sg. Meanwhile made preparations for XLOT. Transferred mud to cementer and flushed kill line to drillfloor. Set choke on cement unit bleed back. Pulled bit inside casing.
22:15	22:30	2268	formation evaluation -- rft/fit	ok	Closed UPR. Verified line up to standpipe 1 and kill line to BOP.
22:30	23:30	2268	formation evaluation -- rft/fit	ok	Performed XLOT cycle #1. Pressured up on well to ~100 bar at 92 lpm. observed fall off trend for 15 min. Pumped 1776 l and bled back 775 l.
23:30	00:00	2268	formation evaluation -- rft/fit	ok	Performed XLOT cycle #2. Pressured up on well to ~98 bar at 92 lpm. Observed fall off trend for 15 min.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	140		hoisting equ -- top drive	0	00:00	Changed allignement cylinder on TDS.

Drilling Fluid

Sample Time	14:00	17:00	22:00
Sample Point	Active pit	Flowline	Active pit
Sample Depth mMD	-999.99	2249	2284
Fluid Type	HPWBM	HPWBM	HPWBM
Fluid Density (g/cm3)	1.3	1.3	1.3
Funnel Visc (s)	-999.99	-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)	33	33	32
Yield point (Pa)	14.5	15.5	13.5
Filtration tests			
Pm filtrate ()			
Filtrate Lthp ()			
Filtrate Hthp ()			
Cake thickn API ()			
Cake thickn HPHT ()			
Test Temp HPHT ()			
Comment			

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	2281		1.03	estimated