

Summary report

Wellbore: 15/9-F-14

Period: 2008-07-08 00:00 - 2008-07-09 00:00

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	84
Days Ahead/Behind (+/-):	15.2
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 ():	
Pressure ():	
Date Well Complete:	2008-06-15

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.56
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3750
Depth mTVD:	3158.5
Plug Back Depth mMD:	
Depth at formation strength mMD:	2788
Depth At Formation Strength mTVD:	2728.4
Depth At Last Casing mMD:	3695
Depth At Last Casing mTVD:	3123.4

Summary of activities (24 Hours)

Perforate well with BHA #6, interval #4 on WL. Perforate well with BHA #7, interval #5 on WL.

Summary of planned activities (24 Hours)

Perforate well with BHA #8, interval #6 on WL. RD lubricator, risers and WL BOPs. Clean and clear rig floor.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	0	workover -- rig up/down	ok	Continued to install tool catcher for Schlumberger cable head.
00:30	04:00	0	workover -- rig up/down	ok	Built new cable head on 7/16" cable for BHA #6. Checked CCL and toolstring. Prepared to RU lubricator. Meanwhile trouble shoot bleed off valve on grease skid.
04:00	04:45	0	workover -- rig up/down	ok	Held tool box meeting and PU lubricator to vertical position on rig floor. Observed incorrect installation of hoses on lubricator.
04:45	05:15	0	interruption -- rig up/down	ok	LD lubricator and re-arranged hoses.
05:15	06:00	0	workover -- rig up/down	ok	PU lubricator to vertical position on rig floor. MU lubricator to lower riser.
06:00	08:30	0	workover -- rig up/down	ok	Filled riser with 450 ltrs 100% MEG and pressure tested rig up to 30/185 bar 5/10 min. Ok. Broke lubricator at in-situ sub and checked CCL.
08:30	10:45	0	workover -- rig up/down	ok	MU and installed BHA #6 to perforate interval #4. Lowered orientating weight, 20 ft gun section and 30 ft gun section into lower riser section and hung off in C-plate. Filled it with 185 ltrs of Ramex. Connected and armed perforating guns according to Schlumberger procedure. Leak tested in-situ sub to 30/150 bar 5/10 min using Seawell pump and 100% MEG. Ok.
10:45	11:15	0	workover -- rig up/down	ok	Bled down grease pressure and filled riser/lubricator with 280 ltrs of 100% MEG using cmt unit. Pressured up to 20 bar and equalized above HMV. Drain hose on lubricator parted.
11:15	11:45	0	interruption -- rig up/down	ok	Re-united and fixed splice on drain hose on lubricator.
11:45	12:15	0	workover -- wire line	ok	Open HMV and SV (44 turns). 22.2 bar WHP and 256 bar on DHPG. RIH with BHA #6 to perforate interval #4 from surface to 235 m. Powered up logging unit with guns 70 m below seabed.
12:15	14:00	3100	workover -- wire line	ok	RIH with BHA #6 from 235 to 3100 m. PU 50 m every 500 m due to new cable. Ran carefully through DHSV and pulled back up to confirm that it was fully open.
14:00	15:00	3075	workover -- perforate	ok	Performed correlation log from 3100 m to 2975 m using CCL. Ran back down to 3048 m. Fired guns and perforated interval #4, from 3044 - 3059.2 m MDRT. Good indication of firing on DHPG.
15:00	17:00	250	workover -- wire line	ok	POOH with BHA #6 from 3250 m to 250 m. Powered down logging unit with guns 70 m below seabed.
17:00	18:15	0	workover -- wire line	ok	Continued to POOH with BHA #5 from 250 m to OOH. WHP 33.7 bar and 263 bar on DHPG. Closed SV and HMV. Bled off XMT cross to 5.3 bar. Inflow tested HMV to 20-5.3 bar/10 min. Ok. Bled off pressure and flushed riser/lubricator with nitrogen. Cleaned rig floor due to slipping hazard.
18:15	20:00	0	workover -- rig up/down	ok	Held tool box meeting prior to LO guns and tractor. Isolated gas detector on rig floor. Broke lubricator at in-situ sub and LD guns and toolstring. All shots fired.
20:00	22:45	0	workover -- rig up/down	ok	Changed to backup head without rebuilding rope socket, due to ECRD weak point. Checked CCL and toolstring.
22:45	00:00	0	workover -- rig up/down	ok	MU and installed BHA #7 to perforate interval #5. Lowered 30 ft gun section into lower riser section and hung off in C-plate. Connected and armed perforating gun according to Schlumberger procedure.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	0		service equ -- other	0	00:00	Observed incorrect installation of hoses on lubricator and had to LD down lubricator to re-arrange hoses.
00:00	0		service equ -- other	0	00:00	The drain hose on the lubricator had been spliced and the splice tore apart. This happened at a level 2.25 m above rig-floor and seawell had to use riding belt to be able to fix the hose.

Drilling Fluid

Sample Time	11:00
Sample Point	Reserve pit
Sample Depth mMD	3750
Fluid Type	OBM-Standard
Fluid Density (g/cm3)	1.37
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)	25
Yield point (Pa)	7.5
Filtration tests	
Pm filtrate ()	
Filtrate Lt _{hp} ()	
Filtrate H _{thp} ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT (degC)	120
Comment	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	3006		1.02	measured

Perforation Information

Time of Opening Well Perf	Time of Closing Well Perf	Top of Perf mMD	Bottom of Perf mMD	Top of Perf TVD	Bottom of Perf TVD
20:00	20:00	3044	3059.2		
11:30	11:30	3021	3036.2		