Summary report

Wellbore: 15/9-F-14 **Period: 2008-07-09 00:00 - 2008-07-10 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	85
Days Ahead/Behind (+/-):	15.1
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 #8, interval #6 on WL. Inflow tested HMV and DHSV to SIWHP-5 bar. Started RD lubricator.

Summary of planned activities (24 Hours)

RD lubricator, risers and WL BOPs. Clean and clear rig floor. Skid rig to F-5.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	0	workover -- rig up/down	ok	MU and installed BHA #7 to perforate interval #5. Lowered orientating weight and 20 ft gun section into lower riser section and hung off in C-plate. Connected and armed perforating guns according to Schlumberger procedure. Filled it with 180 ltrs of Ramex. Leak tested in-situ sub to 30/150 bar 5/10 min using Seawell pumpe and 100% MEG. Ok.
01:30	02:00	0	workover -- rig up/down	ok	Bled down grease pressure and filled riser/lubricator with 270 ltrs of 100% MEG using cmt unit. Pressured up to 34 bar and equalized above HMV.
02:00	02:30	255	workover -- wire line	ok	Open HMV and SV (44 turns). 42.3 bar WHP and 267 bar on DHPG. RIH with BHA #7 to perforate interval #5 from surface to 255 m. Powered up logging unit with guns 70 m below sea bed.
02:30	05:30	3055	workover -- wire line	ok	RIH with BHA #7 from 255 to 3055 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. Had 10 min power shut-down on WL winch. Had to use Schlumberger tension and depth system due to software problem in WL winch.
05:30	06:00	3050	workover -- perforate	ok	Performed correlation log from 3050 m to 2975 m using CCL. Ran back down to 3050 m. Adjusted brakes on WL winch. Fired guns and perforated interval #5, from 3021 - 3036.2 m MD RT. Good indications of firing.
06:00	08:00	250	workover -- wire line	ok	POOH with BHA #7 from 3250 m to 250 m. Powered down logging unit with guns 70 m below seabed.
08:00	09:15	0	workover -- wire line	ok	Continued to POOH with BHA #7 from 250 m to OOH. WHP 46.2 bar and 265 bar on DHPG. Closed SV and HMV. Bled off XMT cross to 5 bar. Inflow tested HMV to 46-5 bar/10 min. Ok. Bled off pressure and flushed riser/lubricator with nitrogen.
09:15	11:30	0	workover -- rig up/down	ok	Held tool box meeting prior to LO guns. Broke lubricator at in-situ sub and LD guns and toolstring. All shots fired.
11:30	13:00	0	workover -- rig up/down	ok	Changed to backup head without rebuilding rope socket, due to ECRD weak point. Checked CCL and toolstring.
13:00	14:30	0	workover -- rig up/down	ok	MU and installed BHA #8 to perforate interval #6. Lowered 30 ft gun section, orientating weight and 20 ft gun section into lower riser section and hung off in C-plate. Connected and armed perforating guns according to Schlumberger procedure. Filled it with 180 ltrs of Ramex.
14:30	15:00	0	workover -- rig up/down	ok	Bled down grease pressure and filled riser/lubricator with 270 ltrs of 100% MEG using cmt unit. Pressured up to 46 bar and equalized above HMV. Leak tested in-situ sub to 30/150 bar 5/10 min using Seawell pumpe and 100% MEG. Ok.
15:00	15:30	250	workover -- wire line	ok	Open HMV and SV (44 turns). 50 bar WHP and 267 bar on DHPG. RIH with BHA #8 to perforate interval #6 from surface to 250 m. Powered up logging unit with guns 70 m below seabed.
15:30	17:30	3040	workover -- wire line	ok	RIH with BHA #8 from 250 to 3040 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.
17:30	19:15	3040	workover -- perforate	ok	Performed correlation log from 3040 m to 2975 m using CCL. Had problems running back down to 3040 m because toolstring stopped in previous perforation interval #5, 3021-3036.2 m.
19:15	19:45	3040	interruption -- other	ok	Seawell failed to stop on shooting depth twice and another correlation run had to be made because the guns had become off depth in the attempts.
19:45	20:00	3040	workover -- perforate	ok	Fired guns and perforated interval #6, from 3005 - 3020.2 m MDRT. Good indications of firing.
20:00	21:30	1562	workover -- wire line	ok	POOH with BHA #8 from 2980 m to 1562 m. Unable to move toolstring due to power shut down on WL winch.
21:30	22:15	1562	interruption -- other	ok	Electrican opened ex-panel and re-sat main switch.
22:15	22:45	250	workover -- wire line	ok	POOH with BHA #8 from 1562 m to 250 m. Powered down logging unit with guns 70 m below seabed.
22:45	23:15	0	workover -- wire line	ok	Continued to POOH with BHA #8 from 250 m to OOH. WHP 67.3 bar and 267 bar on DHPG.
23:15	00:00	0	workover -- wire line	ok	Held tool box meeting before operating valves due to new drilling- and production crews. Closed SV and HMV. Bled off XMT cross to 5 bar.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	1562		service equ -- other	0	00:00	WL winch would not start and the re-set handle for 380 V power supply had broken off. Machined and installed new re-set handle, but were still not able to start WL winch. Electrican opened ex-panel and found loose rele.

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 Lthp ()	
Filtrate Hthp ()	
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
05:15	05:15	3005	3020.2		