Summary report

Wellbore: 15/9-F-14 **Period: 2008-07-07 00:00 - 2008-07-08 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	83
Days Ahead/Behind (+/-):	13
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)

Perforated well with BHA #5, interval #3 on WL tractor. Changed tool catcher, rebuilt cable head and changed toolstring to BHA #6.

Summary of planned activities (24 Hours)

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

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	86	interruption -- other	ok	Continued to POOH with BHA #4 from 250 m to 86 m. Unable to move toolstring due to power shut down on WL winch.
00:30	01:15	86	interruption -- other	ok	Electrican opened ex-panel and re-sat main switch.
01:15	01:30	17	interruption -- other	ok	Continued to POOH with BHA #4 from 86 m to 17 m. Unable to move toolstring due to power shut down on WL winch.
01:30	02:15	17	interruption -- other	ok	Electrican opened ex-panel and re-sat level sensor.
02:15	04:00	0	interruption -- other	ok	Continued to POOH with BHA #4 from 17 m to OOH. Closed SV and HMV. Inflow tested HMV to 20-5 bar/10 min. Ok. Bled off pressure. Held tool box meeting prior to LO guns and tractor. Cleaned rig floor due to slipping hazard. Broke lubricator at in-situ sub and hung off gun in riser.
04:00	04:45	0	interruption -- other	ok	Trouble shoot problem with gun switch and found faulty switch. Changed to back-up switches. Checked toolstring with tractor and switches installed.
04:45	06:00	0	interruption -- other	ok	LO guns and WL tractor. Checked WL tractor oil level.
06:00	07:30	0	interruption -- other	ok	Continued to perform checkes on WL tractor. Lifted WL tractor on to drill floor. Meanwhile cleaned drillfloor.
07:30	09:30	0	interruption -- other	ok	MU and installed BHA #5 to perforate interval #3. Lowered orientating weight and 30 ft gun section into lower riser section and hung off in C-plate. Drained riser and filled it with 200 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 pumpe and 100% MEG. Ok.
09:30	10:00	0	interruption -- other	ok	Bled down grease pressure and filled riser/lubricator with 250 ltrs of 100% MEG using cmt unit. Pressured up to 20 bar and equalized above HMV.
10:00	10:30	235	interruption -- other	ok	Open HMV and SV (44 turns). 19.6 bar WHP and 255 bar on DHPG. RIH with BHA #5 to perforate interval #3 from surface to 235 m. Powered up logging unit with guns 70 m below sea bed.
10:30	12:45	2500	interruption -- other	ok	RIH with BHA #5 from 235 to 2500 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.
12:45	13:30	3180	workover -- wire line	ok	RIH with BHA #5 from 2500 to 3180 m. PU 50 m every 500 m due to new cable. Weights while RIH was according to tension simulations. Correlated and adjusted depth before starting tractor.
13:30	14:00	3330	workover -- wire line	ok	Powered up WL tractor and continued RIH with BHA #5 to perforate interval #3 from 3180 to 3330 m. Running speed 11 m/min.
14:00	15:00	3400	workover -- perforate	ok	Performed correlation log from 3330 m to 2975 m using CCL. Had 10 min power shut-down on WL winch. Powered up WL tractor and ran back down to 3330 m. Fired guns and perforated interval #3, from 3287 - 3296.2 m MDRT. Good indication of firing on DHPG.
15:00	17:30	250	workover -- wire line	ok	POOH with BHA #5 from 3250 m to 250 m. Powered down logging unit with guns 70 m below seabed.
17:30	19:00	0	workover -- wire line	ok	Continued to POOH with BHA #5 from 250 m to OOH. Closed SV and HMV. Bled off XMT cross to 5.8 bar. Inflow tested HMV to 20-5.8 bar/10 min. Ok. Bled off pressure and drained riser. Cleaned rig floor due to slipping hazard.
19:00	20:15	0	workover -- rig up/down	ok	Held tool box meeting prior to LO guns and tractor. Broke lubricator at in-situ sub and LD guns and toolstring.
20:15	21:30	0	workover -- rig up/down	ok	Held tool box meeting before LD lubricator. LD lubricator on drill floor and removed tool catcher for Welltec cable head.
21:30	23:30	0	interruption -- rig up/down	ok	Inspected grease head and line wiper. Found kink on return hose and missing plug for grease head. Changed out grease return system on grease head.
23:30	00:00	0	workover -- rig up/down	ok	Installed tool catcher for Schlumberger cable head.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	2500		service equ -- electr logging equ	0	00:00	Schlumberger was unable to communicate with gun switches. Trouble shoot problem with gun switch and found faulty switch. Changed to back-up switches. Checked toolstring with tractor and switches installed. Ok.
00:00	86		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.
00:00	0		service equ -- other	0	00:00	Found kink on return hose and missing plug for grease head.

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
20:30	20:30	3287	3296.2		