Summary report

Wellbore: 15/9-F-14 **Period: 2008-07-05 00:00 - 2008-07-06 00:00**

Status:	normal
Report creation time:	2018-05-03 13:52
Report number:	81
Days Ahead/Behind (+/-):	13.8
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)

RIH with BHA #2 and perforate interval #1 on WL and tractor. Sucess. Rig up BHA #3. RIH and perforation interval #2 on WL and tractor.

Summary of planned activities (24 Hours)

POOH with BHA #3 and confirm perforation. Rig up BHA #4. RIH and perforation interval #3 on WL.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:30	0	interruption -- rig up/down	ok	Continued trouble shooting problem with power supply and found loose rele. Fastened rele and installed ex-cover on WL winch.
01:30	02:30	0	interruption -- rig up/down	ok	Lowered orientating weight and 30 ft gun section into lower riser section and hung off in C-plate. Filled riser with 200 ltrs of Ramex. Connected and armed perforating guns according to Schlumberger procedure.
02:30	04:30	0	interruption -- rig up/down	ok	Leak tested in-situ sub to 30/185 bar 5/10 min using Seawell pumpe and 100% MEG. Ok. Bled down grease pressure and filled riser/lubricator with 253 ltrs of 100% MEG using cmt unit. Unable to start RIH with BHA #1 due to power shut down on WL winch.
04:30	06:00	0	interruption -- rig up/down	ok	Trouble shoot problem with power supply on WL winch.
06:00	07:00	233	interruption -- other	ok	Open HMV and SV (43 turns). Equalized and opened DHSV. RIH with BHA #2 to perforate interval #1 from surface to 233 m. Powered up logging unit with guns 70 m below seabed.
07:00	10:00	3122	interruption -- other	ok	RIH with BHA #2 from 233 to 3122 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. Up weigh 480kg / hanging weight 466 kg at 493 m MDRT. Weights while RIH was according to tension simulations. Correlated and adjusted depth by 1 m before starting tractor.
10:00	10:45	3400	interruption -- other	ok	Powered up WL tractor and continued RIH with BHA #2 to perforate interval #1 from 3122 to 3400 m. Running speed 12 m/min.
10:45	11:30	3400	interruption -- other	ok	Performed correlation log from 3400 m to 3200 m using GR. Powered up WL tractor and ran back down to 3400 m.
11:30	11:45	3358	workover -- perforate	ok	Fired guns and perforated interval #1, from 3345 - 3354.2 m MDRT. Good indication of firing on DHPG.
11:45	13:15	2560	workover -- wire line	ok	Performed GR-CCL log from 3266 m to 2450 m MDRT.
13:15	15:00	0	workover -- wire line	ok	POOH with BHA #1 from 2450 m to 250 m. Powered down logging unit with guns 70 m below seabed. Closed HMV and SV.
15:00	17:15	0	workover -- wire line	ok	Broke lubricator at in-situ sub and LD toolstring.
17:15	18:00	0	workover -- wire line	ok	Opened KWV and HMV and attempted to bullehead baseoil using cmt unit. Stopped when pressure reached 100 bar at 80 lpm. 2.9 m3 baseoil pumped in total. Meanwhile performed surface checks on Wellteck tractor and removed PGGT and chock absorber from toolstring.
18:00	20:00	0	workover -- rig up/down	ok	Continued to perform surface checks on Welltech tractor. Lost contact with Schlumberger logging unit. Meanwhile held time-out for safety with drill crew with focus on the dropped object.
20:00	21:00	0	interruption -- rig up/down	ok	Schlumberger unit experienced power shut down and had to restart all systems.
21:00	22:00	0	workover -- rig up/down	ok	Went through Schlumberger and Welltech checklists. Checked CCL and gun switches.
22:00	23:00	0	workover -- rig up/down	ok	MU and installed BHA #3 to perforate interval #2.
23:00	23:45	0	workover -- rig up/down	ok	Lowered orientating weight and 30 ft gun section into lower riser section and hung off in C-plate. Filled riser with 200 ltrs of Ramex. Connected and armed perforating guns according to Schlumberger procedure.
23:45	00:00	0	workover -- rig up/down	ok	Leak tested in-situ sub to 30/150 bar 5/10 min using Seawell pumpe and 100% MEG. Ok.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3400		service equ -- other	0	00:00	While correlating before shooting the 4.5 " HSD guns, the mode was changed from running Welltec tractor to logging and schlumberger could no longer communicate properly with GR and the gun switches.

Drilling Fluid

Sample Time	00:00	10:00
Sample Point	Active pit	Reserve pit
Sample Depth mMD	-999.99	3750
Fluid Type	Packer fluid	OBM-Standard
Fluid Density (g/cm3)	1.03	1.37
Funnel Visc (s)	-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)	-999.99	25
Yield point (Pa)	-999.99	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
17:30	18:00	3345	33542		