

Summary report

Wellbore: 15/9-F-12

Period: 2009-03-15 00:00 - 2009-03-16 00:00

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	137
Days Ahead/Behind (+/-):	
Operator:	StatoilHydro
Rig Name:	MÆRSK INSPIRER
Drilling contractor:	Mærsk Contractors
Spud Date:	2007-03-15 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:	2007-08-26

Dist Drilled (m):	-999.99
Penetration rate (m/h):	-999.99
Hole Dia ():	
Pressure Test Type:	formation integrity test
Formation strength (g/cm3):	1.6
Dia Last Casing ():	

Depth at Kick Off mMD:	
Depth at Kick Off mTVD:	
Depth mMD:	3520
Depth mTVD:	3107.4
Plug Back Depth mMD:	
Depth at formation strength mMD:	3116
Depth At Formation Strength mTVD:	2863
Depth At Last Casing mMD:	3519
Depth At Last Casing mTVD:	3107.8

Summary of activities (24 Hours)

Inflow tested HMV to 81.5 bar/10 min. Broke lubricator and LD toolstring. Installed PLT toolstring in riser. MU lubricator and leak tested at in-situ sub. Equalized and opened HMV. RIH with PLT toolstring on 7/16" EWL from surface to 2929 m. Performed stationary logging at DHPG depth. Continued RIH from 2929 m to 3030 m to perform shut-in station logs and 4 PLT tool calibration passes in the interval 3030 m to 3255 m MD. Bean up well to 4500 Sm3/day. Performed station logs and 4 high rate flowing PLT passes in the interval 3030 m to 3255 m MD. Choked back flow to 3000 Sm3/day. Performed station logs and 4 medium rate flowing PLT passes in the interval 3030 m to 3255 m MD.

Summary of planned activities (24 Hours)

Choke back flow to 1500 Sm3/day. Perform station logs and 4 low rate flowing PLT passes. Shut-in well. POOH with PLT toolstring. Inflow test DHSV, HMV and MMV for handover. LD toolstring. RD WL riser and BOP from XMT.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	00:30	498	workover - wire line	ok	Attempted to RIH through DHSV and experienced a 1 m drop of the toolstring after initial hold up. Made several more attempts to run through DHSV.
00:30	03:00	3260.5	workover - wire line	ok	RIH with toolstring through DHSV to 515 m and pulled back up to ensure valve was fully open. Continued RIH with combination toolstring on 7/16" EWL from 485 m to 3027 m (tally dyp). Hung up at 7" liner PBR and made several attempts to enter 7" liner. Continued RIH with combination toolstring from 3027 m to 3260.5 m (log dyp). RIH tension was 1900 lbs and PU tension was 5100 lbs at 3250 m MD. RIH speed was 30 m/min. RIH speed inside 7" liner was 20 m/min. Tension inside 7" liner was higher than simulated (60% of max safe pull to be able to break we akpoint).
03:00	03:30	3260.5	workover - perforate	ok	Tagged top of TCP guns at 3260.5 m (ref open hole log) at 3258.5 m (ref pip-tag in tally). Made GR-CCL correlation log from 3260.6 m to 3029 m (top of 7" liner).
03:30	05:30	0	workover - wire line	ok	POOH with combination toolstring on 7/16" EWL from 3029 m to OOH. Ran carefully through DHSV at 497 m MD. Pulled cable head into tool catcher.
05:30	06:00	0	workover - rig up/ down	ok	Closed SV partly and verified toolstring out of hole. Recorded SIWHP 81 bar. Closed HMV and bled down pressure above to 5 bar.
06:00	07:30	0	workover - rig up/ down	ok	Inflow tested HMV 81 -5 bar/10 min ok. Opened KVV and SV 10 turns. Bled off pressure to zero to closed drain and purged riser with Nitrogen. Closed KVV. Bled off remaining pressure in lubricator through needle valve. Closed SV.
07:30	08:00	0	workover - rig up/ down	ok	Broke lubricator at in-situ sub and LD combination toolstring. Found centered circular impression on lead impression block confirms that part of running tool for TCP gun hanger was lost in hole and is sitting at the top of the TCP gun hanger.
08:00	08:30	0	workover - rig up/ down	ok	Installed PLT toolstring in riser and MU in-situ sub. Leak tested in-situ sub to 30/200 bar for 5/10 min. Ok.
08:30	09:00	0	workover - wire line	ok	Opened KVV. Equalized and opened HMV using cmt pump and 100% MEG. WHP was 85 bar. Closed KVV.
09:00	11:30	3030	workover - wire line	ok	RIH with PLT toolstring on 7/16" EWL from surface to 2929 m MD. Ran carefully through DHSV at 492 m. Performed station log and checked readings against DHPG. Continued RIH with PLT toolstring on 7/16" EWL from 2929 m to 3030 m MD.
11:30	14:00	3255	workover - wire line	ok	Logged PLT down/up and performed shut-in calibration passes from 3030 m to 3255 m MD. Pass 1: Down/up speed: 10 m/min Pass 2: Down/up speed: 20 m/min Pass 3: Down/up speed: 30 m/min Pass 4: Down/up speed: 40 m/min
14:00	16:30	3255	workover - wire line	ok	RIH with PLT on 7/16" EWL from 3030 m to 3255 m MD. Took stationary PLT readings at : 3245 m MD 3233 m MD 3200 m MD 3154 m MD POOH with PLT toolstring from 3154 m to 3080 m MD. Spinner response appr 2.0 RPS. Moved even further up to 2915 m. Still spinner response 2.0 RPS. Decided to go down to 3080 m again.
16:30	23:30	3080	workover - wire line	ok	Beaned up well in increments to 4500 Sm3/d. Obtained stable FBHP (less than 0.1 bar variance for 1 hr) of 276.6 bar at DHPG.
23:30	00:00	3255	workover - wire line	ok	Logged PLT down/up and performed high rate passes from 3030 m to 3255 m MD. Pass 1: Down/up speed: 10 m/min

Drilling Fluid

Sample Time	23:59
Sample Point	Active pit
Sample Depth mMD	-999.99
Fluid Type	Packer fluid
Fluid Density (g/cm3)	1.03

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)	-999.99
Yield point (Pa)	-999.99
Filtration tests	
Pm filtrate ()	
Filtrate Lthp ()	
Filtrate Hthp ()	
Cake thickn API ()	
Cake thickn HPHT ()	
Test Temp HPHT ()	
Comment	