Summary report

Wellbore: 15/9-F-12 **Period: 2008-01-30 00:00 - 2008-01-31 00:00**

Status:	normal
Report creation time:	2018-05-03 13:51
Report number:	128
Days Ahead/Behind (+/-):	88.3
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)

RU wireline. RIH and retrieved NPR plug. POOH to 2970 m MDRKB.

Summary of planned activities (24 Hours)

POOH with NPR plug on wireline. Inflow test TRSCSSV. WOW due crane for RD.

Operations

Start time	End time	End Depth mMD	Main - Sub Activity	State	Remark
00:00	01:00	3028.4	completion -- test scsssv	ok	MU pumping/testing assembly and confirmed line-up with cement unit. Filled tubing with drill water and performed line test to 345 bar/10 min. Meanwhile bled off pressure in chemical injection line and observed for back flow for 30 min.
01:00	01:30	3028.4	completion -- test scsssv	ok	Opened A-annulus valve. Pressured up tubing against pre-installed NPR plug w/ball to 50 bar/10 min. Volume pumped 186 ltrs. Meanwhile observed no pressure build-up in chemical injection line for 10 min. Pressured up chemical injection line until pressure leveled out at 95 bar.
01:30	02:00	3028.4	completion -- test scsssv	ok	Closed TRSCSSV and bled off pressure above to 5 bar. Inflow tested TRSCSSV for 10 min. Volume bled off was 30 ltrs. Pumped 44 ltrs, equalized and opened TRSCSSV. Pressured up control line to 570 bar and kept TRSCSSV open.
02:00	02:45	3028.4	completion -- test scsssv	ok	Continued to pressure up tubing to 300 bar. Held pressure for 15 min to set packer and test tubing. PBR sheared at 221.5 bar. Volume pumped was 774 ltrs (Total: 186 + 774 = 960 ltrs). No flow observed from A-annulus. Meanwhile performed a 300 bar/15 min leak-test on chemical injection line.
02:45	04:30	3028.4	completion -- test scsssv	ok	Bled off pressure in tubing to 280 bar. Volume bled back was 50 ltrs. Closed TRSCSSV and bled off pressure above to 210 bar. Volume bled back was 40 ltrs. Inflow tested TRSCSSV to 70 bar/30 min. Bled off pressure above TRSCSSV to 10 bar. Volume bled back was 120 ltrs. Inflow tested TRSCSSV to 270 bar/30 min. Pumped 180 ltrs, equalized and opened TRSCSSV. Bled off pressure in tubing to zero. Volume bled back was 780 ltrs. Kept TRSCSSV open. Closed A-annulus valve. RD pumping/testing assembly. Meanwhile performed SJA with wireline crew.
04:30	06:00	3028.4	workover -- rig up/down	ok	Performed pre-job meeting on rig floor. Spotted and RU WL equipment.
06:00	14:30	0	workover -- rig up/down	ok	Performed pre-job meeting and reviewed SJA with two different crews (crew change). MU 7" Vam Top x 9" 4 ACME crossover to top of landing string. Installed Seawell pump-in sub. Installed kill hose to pump-in sub. Lined up and pressure tested to 345/10 min against inner Lo-torque valve. Ok. Installed 6 1/2" WL-BOP. Hooked up hydraulic connections to WL-BOP and function tested same. Closed WL-BOP. Performed connection test to 300 bar/5 min against NPR plug in tubing at 3014 m MD. Kept A-annulus vented and observed for fluid returns out A-annulus at surface WH. Volume pumped was 942 ltrs. Bled back 880 ltrs. No returns observed.
14:30	22:00	0	workover -- rig up/down	ok	RU WL sheave with 7/32" braided line in TDS and PU to sufficient hight. PU and installed lower WL lubricator section. PU upper WL lubricator section to above connection point. Lowered cable head down to WL-BOP and connected lubricator. Broke connection above WL-BOP and lifted lubricator section 1.5 m. Installed WL toolstring. Attempted to fill up lubricator using cement unit, but ended up using WL test pump. Leak tested rig-up to 25/300 bar for 5 /10 min.
22:00	23:00	0	workover -- rig up/down	ok	Observed tugger wire and 7/32" braided line was twined together at top of lubricator. Got acceptance from OIM and performed SJA for man-riding operation in derrick with wind speed 36-40 knots to be able to RIH.
23:00	00:00	1500	workover -- wire line	ok	Equalized and opened blind rams. RIH with WL toolstring to 450 m MDRKB and verified that TRSCSSV was fully open. Continued RIH with WL toolstring from 450 to 1500 m MDRKB.

Equipment Failure Information

Start time	Depth mMD	Depth mTVD	Sub Equip - Syst Class	Operation Downtime (min)	Equipment Repaired	Remark
00:00	3007		service equ -- other	0	00:00	Gauge line broke while wrapping it around tubing hanger neck. Inconel gauge lines comes in three different qualities: 26, 35 and 45. This line was of # 26 quality, paper thin and would break if it was slightly bent in two different directions. It was thus a

Drilling Fluid

Sample Time	20:00
Sample Point	Reserve pit
Sample Depth mMD	3520
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	

Pore Pressure

Time	Depth mMD	Depth TVD	Equ Mud Weight (g/cm3)	Reading
00:00	140		1.03	estimated