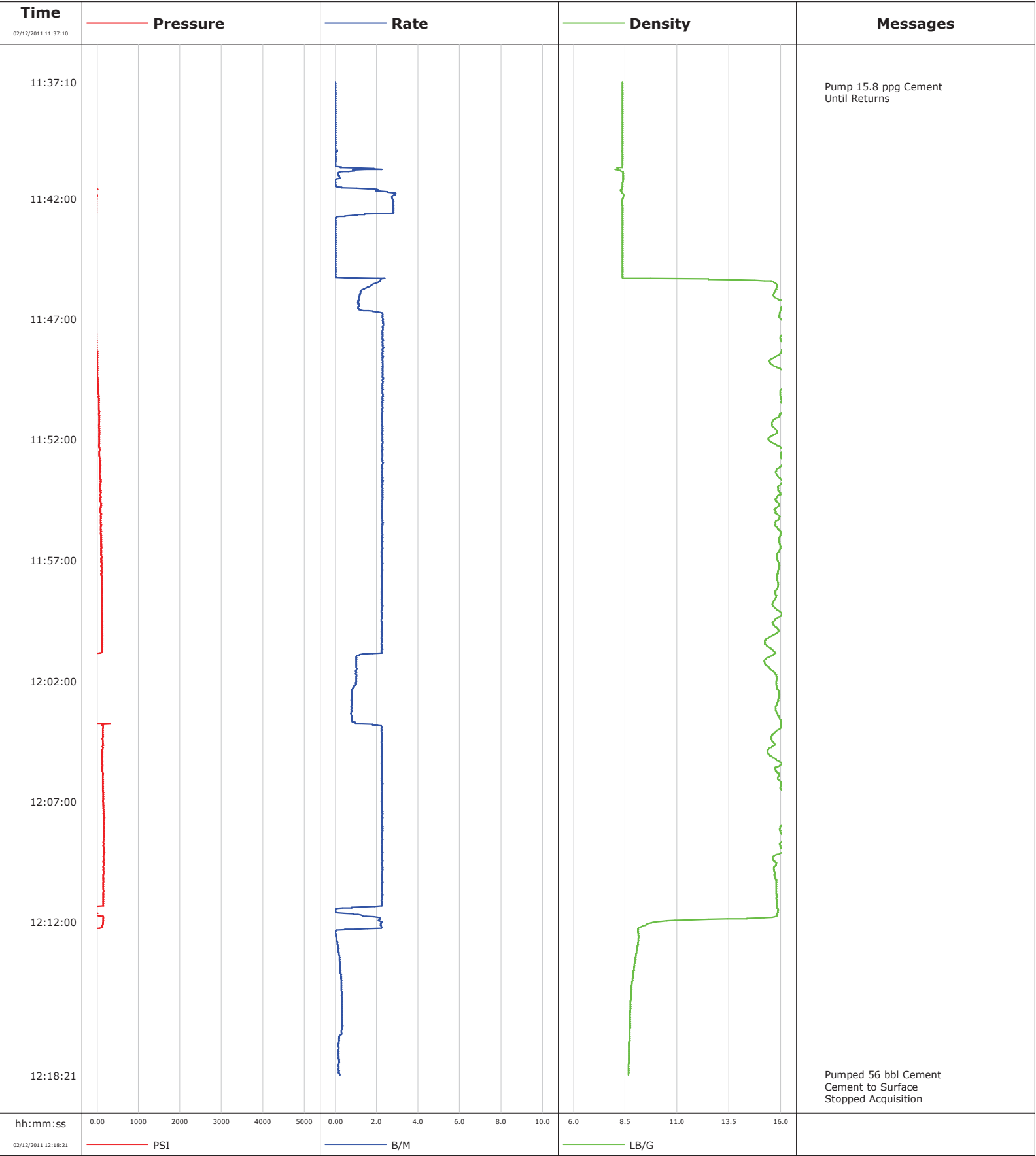


Well	RGU 334-24-198	Client	Williams
Field	Ryan Gulch	SIR No.	
Engineer	Tom Leduc	Job Type	9 5/8" 2-Stage Surface TOP OUT
Country	United States	Job Date	02-11-2011





Cementing Service Report

				Customer Williams			Job Number B708-00235								
Well RGU 334-24-198 RGU 334-24-198			Location (legal) Rio Blanco			Schlumberger Location Grand Junction		Job Start Feb/12/2011							
Field Ryan Gulch		Formation Name/Type Shale		Deviation 0 deg		Bit Size 13.5 in		Well MD 3952.0 ft		Well TVD 3952.0 ft					
County Rio Blanco		State/Province Colorado		BHP		BHST 120 degF		BHCT 99 degF		Pore Press. Gradient					
Well Master 0631231215		API/UWI													
Rig Name Cyclone 29		Drilled For Gas		Service Via Land		Casing/Liner									
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Offshore Zone		Well Class New		Well Type Development		3952.0		9.630		36.0		J-55		8rd	
						0.0		0.000		0.0					
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal		Plastic Viscosity 7.000 cP		Tubing/Drill Pipe									
						Depth,		Size,		Weight,		Grade		Thread	
Service Line Cementing		Job Type 9 5/8" 2-Stage Surface													
Max. Allowed Tub. Press 5000 psi		Max. Allowed Ann. Press 2000 psi		WH Connection Single Cement head		Perforations/Open Hole									
						Top,		Bottom,				No. of Shots		Total Interval	
Service Instructions 9 5/8" 2-Stage Surface TOP OUT														Diameter	
		Treat Down Casing				Displacement 303.0 bbl				Packer Type				Packer Depth	
Tubing Vol.				Casing Vol. 303.0 bbl				Annular Vol. 183.0 bbl				Openhole Vol. 517.0 bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools				Squeeze Job							
Lift Pressure 1955 psi		Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 3952.0 ft				Tool Type					
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth					
Cement Head Type Single		Stage Tool Depth				Tail Pipe Size									
Job Scheduled For Feb/12/2011 03:00		Arrived on Location Feb/12/2011 03:00		Leave Location Feb/12/2011 12:00		Collar Type Float				Tail Pipe Depth					
						Collar Depth 3924.0 ft				Sqz. Total Vol.					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
02/12/2011	11:04:25					Top Out @ 439'									
02/12/2011	11:04:30					Pump 15.8 Class G									
02/12/2011	11:04:30					Until Cement to Surface									
02/12/2011	11:37:10	-132	0.0	8.37	0.0										
02/12/2011	11:37:21					Pump 15.8 ppg Cement									
02/12/2011	11:37:21	-132	0.0	8.37	0.0										
02/12/2011	11:37:22					Until Returns									
02/12/2011	11:37:22	-132	0.0	8.37	0.0										
02/12/2011	11:37:45	-132	0.0	8.37	0.0										
02/12/2011	11:39:25	-133	0.0	8.37	0.0										
02/12/2011	11:41:05	-68	0.2	8.39	0.3										
02/12/2011	11:42:45	-136	0.5	8.37	3.3										
02/12/2011	11:44:25	-127	0.0	8.37	3.3										
02/12/2011	11:46:05	-100	1.2	15.68	4.6										
02/12/2011	11:47:45	-22	2.3	15.97	7.7										
02/12/2011	11:49:25	12	2.3	16.06	11.5										
02/12/2011	11:51:05	52	2.3	15.88	15.3										
02/12/2011	11:52:45	61	2.3	15.99	19.1										
02/12/2011	11:54:25	82	2.3	15.80	22.9										
02/12/2011	11:56:05	100	2.3	15.92	26.6										
02/12/2011	11:57:45	110	2.2	15.81	30.4										

Well RGU 334-24-198 RGU 334-24-198			Field Ryan Gulch		Job Start Feb/12/2011	Customer Williams		Job Number B708-00235
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/12/2011	12:01:05	-67	1.0	15.28	37.6			
02/12/2011	12:02:45	-84	0.8	15.89	39.2			
02/12/2011	12:04:25	138	2.3	15.54	41.4			
02/12/2011	12:06:05	136	2.2	15.85	45.2			
02/12/2011	12:07:45	163	2.3	16.23	48.9			
02/12/2011	12:09:25	159	2.2	15.62	52.7			
02/12/2011	12:11:05	143	2.2	15.79	56.5			
02/12/2011	12:12:45	-127	0.1	9.12	58.5			
02/12/2011	12:14:25	-127	0.3	8.84	58.8			
02/12/2011	12:16:05	-127	0.3	8.72	59.3			
02/12/2011	12:17:45	-119	0.2	8.67	59.7			
02/12/2011	12:18:19					Pumped 56 bbl Cement		
02/12/2011	12:18:19					Cement to Surface		
02/12/2011	12:18:19	-127	0.2	8.65	59.8			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 1.4	N2	Mud 0.0	Maximum Rate 2.9		Total Slurry 59.8	Mud 0.0	Spacer 0.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 326	Final 0	Average 105	Bump Plug to 1000	Breakdown	Type FreshWater	Volume 1135.0 bbl		Density 8.34 lb/gal		
Avg. N2 Percent		Designed Slurry Volume 56.0 bbl		Displacement 0.0 bbl		Mix Water Temp 65 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume
								Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Joe Honeycutt				Schlumberger Supervisor Tom Leduc				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-