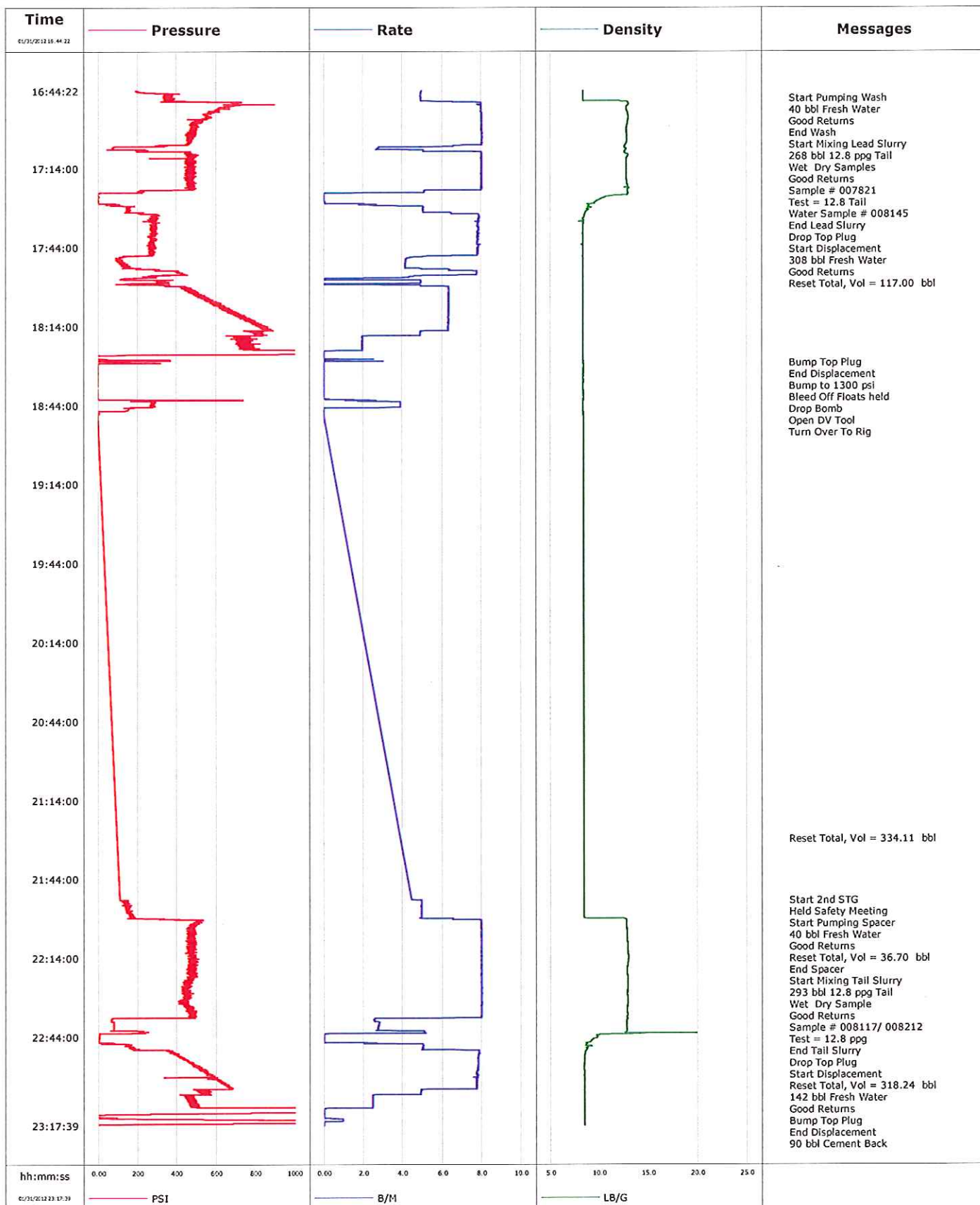
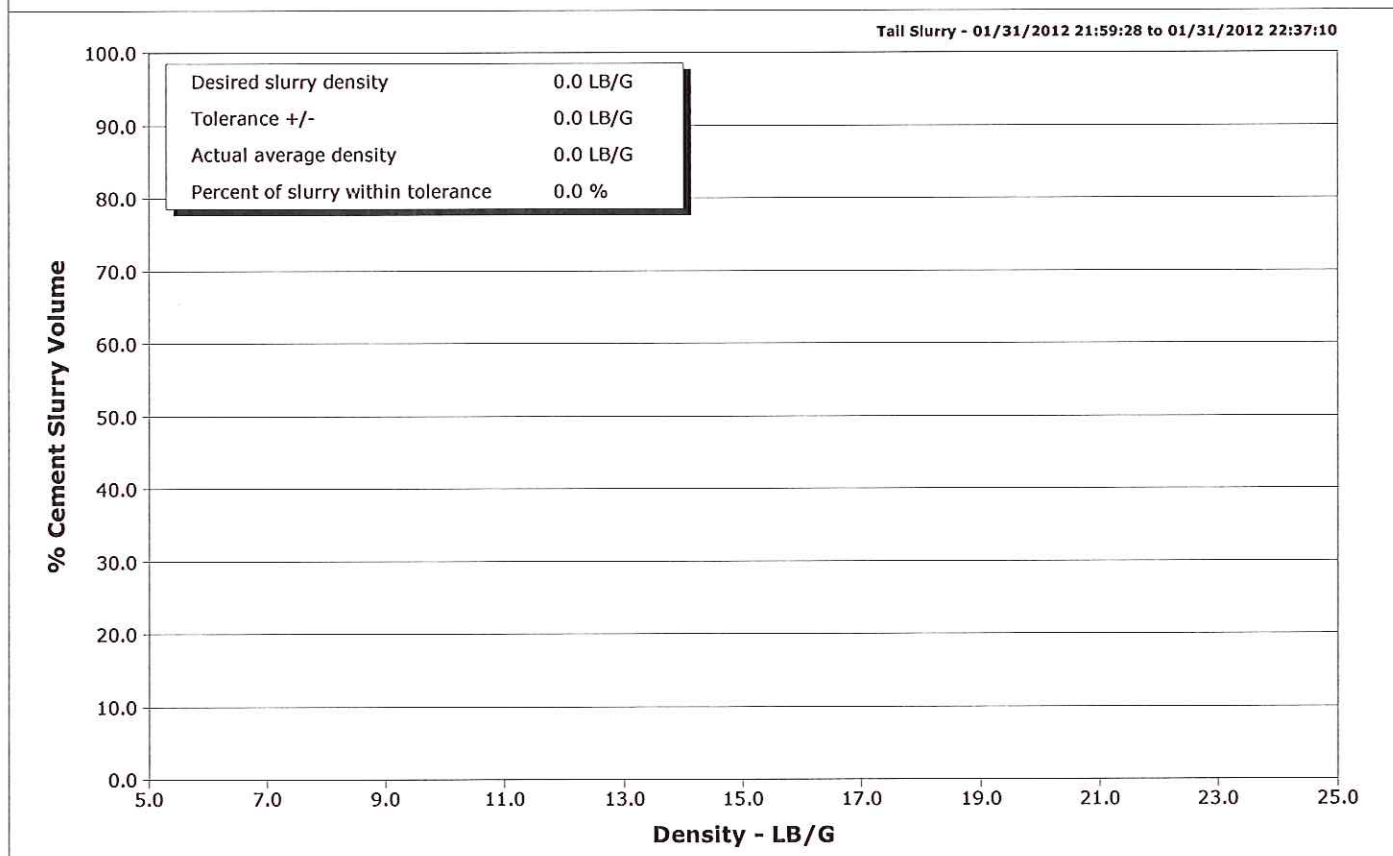
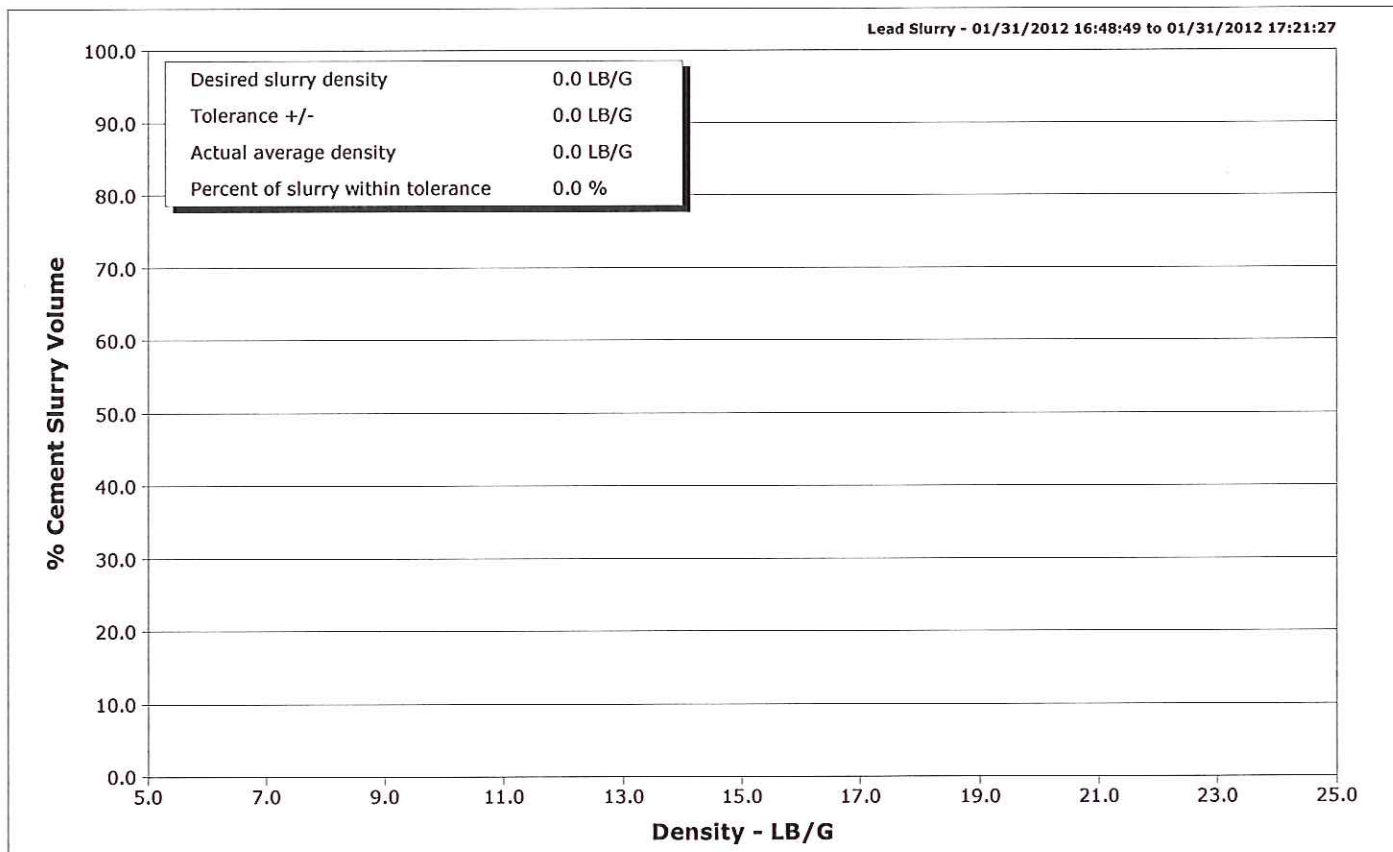


<b>Well</b>	RGU 22-25-198	<b>Client</b>	Williams
<b>Field</b>	Ryan Gulch	<b>SIR No.</b>	BQMF-00749
<b>Engineer</b>	Jordan Moreland	<b>Job Type</b>	2stg 9 5/8 surface
<b>Country</b>	United States	<b>Job Date</b>	01-31-2012



<b>Well</b>	RGU 22-25-198	<b>Client</b>	Williams
<b>Field</b>	Ryan Gulch	<b>SIR No.</b>	BQMF-00749
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<b>Country</b>	United States	<b>Job Date</b>	01-31-2012



				Customer Williams		Job Number BQMF-00749	
Well RGU 22-25-198			Location (legal)		Schlumberger Location GCO		Job Start Jan/31/2012
Field Ryan Gulch		Formation Name/Type Shale		Deviation deg	Bit Size in	Well MD ft	Well TVD ft
County Rio Blanco		State/Province Colorado		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal
Well Master 0631352287		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		4037.0	9.6	36.0
					0.0	0.0	0.0
Drilling Fluid Type Bentonite		Max. Density lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe		
					T/D	Depth, ft	Size, in
					Weight, lb/ft	Grade	Thread
Service Line Cementing		Job Type 2stg 9 5/8 surface					
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole	
						Top, ft	Bottom, ft
						shot/ft	No. of Shots
						Total Interval ft	
						Diameter in	
						Treat Down Casing	Displacement 308.0 bbl
						Packer Type	Packer Depth ft
						Tubing Vol. bbl	Casing Vol. 312.0 bbl
						Annular Vol. 191.0 bbl	Openhole Vol. 542.0 bbl
Casing/Tubing Secured <input type="checkbox"/> 1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools		Squeeze Job	
Lift Pressure psi				Shoe Type Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/> Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 4037.0 ft		Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs		Stage Tool Type DV	Tool Depth ft	
Cement Head Type Single				Stage Tool Depth 1841.0 ft		Tail Pipe Size in	
Job Scheduled For Jan/31/2012		Arrived on Location Jan/31/2012		Leave Location Jan/31/2012		Collar Type Float	
						Tail Pipe Depth ft	
						Collar Depth 3994.0 ft	
						Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/31/2012	16:44:22	188	5.0	8.37	0.1	Started Acquisition	
01/31/2012	16:47:16	374	4.9	8.37	14.4	Start Pumping Wash	
01/31/2012	16:47:19	389	4.9	8.37	14.6	40 bbl Fresh Water	
01/31/2012	16:48:47	719	7.7	12.92	22.4	End Wash	
01/31/2012	16:48:49	728	7.8	12.91	22.7	Start Mixing Lead Slurry	
01/31/2012	16:48:51	673	7.9	12.91	23.0	268 bbl 12.8 ppg Tail	
01/31/2012	16:48:52	673	7.9	12.91	23.1	Sample # 007821	
01/31/2012	16:50:49	620	8.0	12.76	38.6	Test = 12.8 Tail	
01/31/2012	16:55:30	529	8.0	12.92	76.0	Water Sample # 008145	
01/31/2012	17:21:27	475	8.0	13.04	274.8	End Lead Slurry	
01/31/2012	17:23:18	-2	0.9	12.96	286.1	Drop Top Plug	
01/31/2012	17:23:22	1	0.2	12.97	286.1	Start Displacement	
01/31/2012	17:23:25	0	0.0	12.96	286.1	308 bbl Fresh Water	
01/31/2012	17:23:29	-0	0.0	12.95	286.1	Reset Total, Vol = 117.00 bbl	
01/31/2012	18:27:47	173	0.0	8.37	609.8	Bump Top Plug	
01/31/2012	18:27:48	173	0.0	8.37	609.8	End Displacement	
01/31/2012	18:27:54	175	0.0	8.37	609.8	Bump to 1300 psi	
01/31/2012	18:27:55	286	0.0	8.37	609.8	Open DV Tool	
01/31/2012	21:52:00	146	4.9	8.41	620.5	Start 2nd STG	
01/31/2012	21:52:05	122	5.0	8.40	621.0	Start Pumping Spacer	
01/31/2012	21:52:06	140	5.0	8.40	621.0	40 bbl Fresh Water	

Well			Field	Job Start	Customer	Job Number
RGU 22-25-198			Ryan Gulch	Jan/31/2012	Williams	BQMF-00749
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
01/31/2012	21:59:27	517	7.6	12.72	658.2	End Spacer
01/31/2012	21:59:28	505	7.6	12.72	658.3	Start Mixing Tail Slurry
01/31/2012	21:59:30	500	7.9	12.72	658.5	293 bbl 12.8 ppg Tail
01/31/2012	22:37:10	68	2.6	12.86	957.7	End Tail Slurry
01/31/2012	22:42:55	7	0.1	13.26	975.1	Drop Top Plug
01/31/2012	22:42:56	7	0.0	13.40	975.1	Start Displacement
01/31/2012	22:42:57	7	0.0	13.54	975.1	Reset Total, Vol = 318.24 bbl
01/31/2012	22:42:58	7	0.0	13.65	975.1	142 bbl Fresh Water
01/31/2012	23:13:41	-3	0.0	8.44	1126.4	Bump Top Plug
01/31/2012	23:13:42	-3	0.0	8.44	1126.4	End Displacement

### Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
6.3			8.0	1127.4	0.0	59.9	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
1736	-5	426				bbl	lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	bbl
%	561.0 bbl	475.0 bbl	75 degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
	Jordan Moreland			-		-	