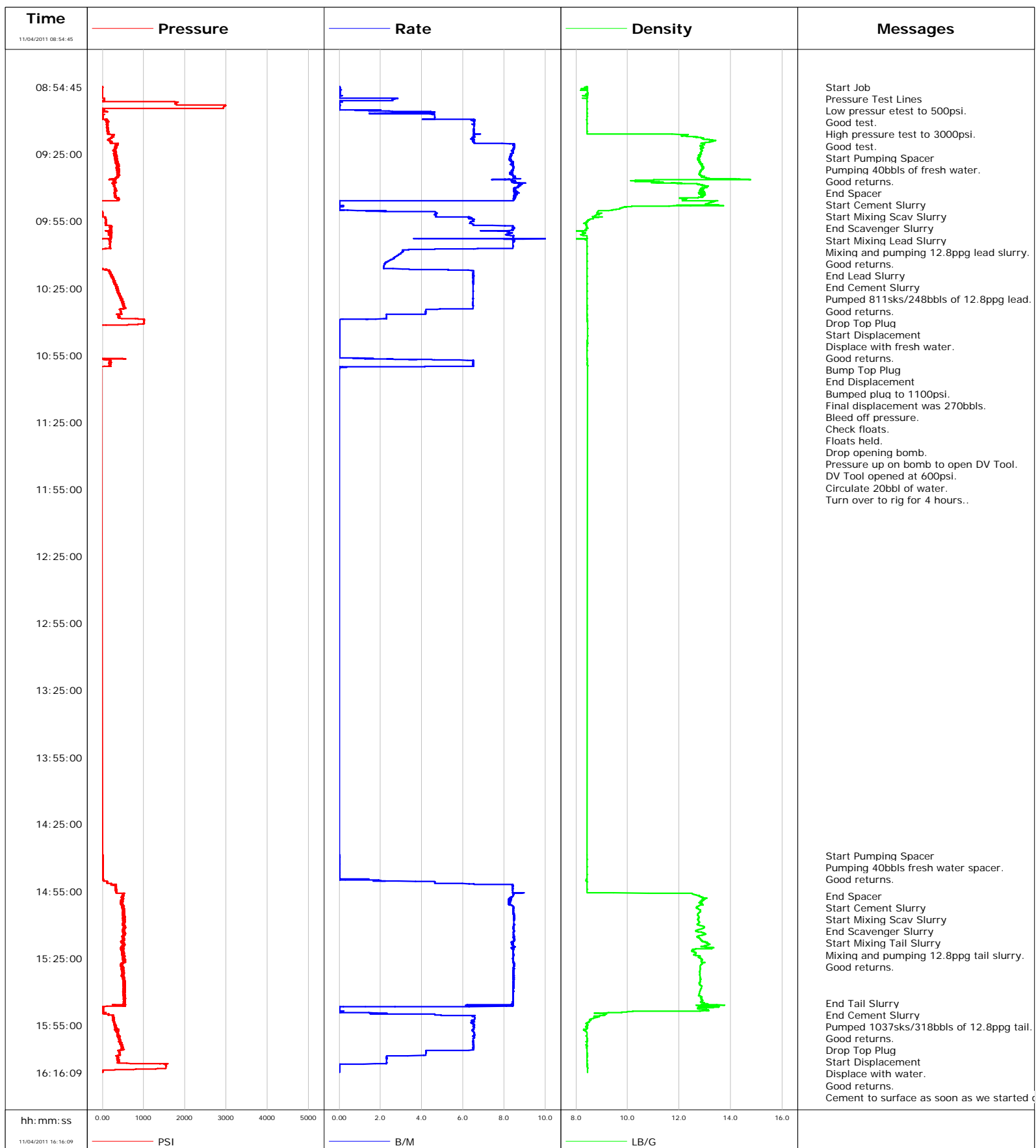


**Well** RGU 41-1-298  
**Field** RYAN GULCH  
**Engineer** Jeff Patterson  
**Country** United States

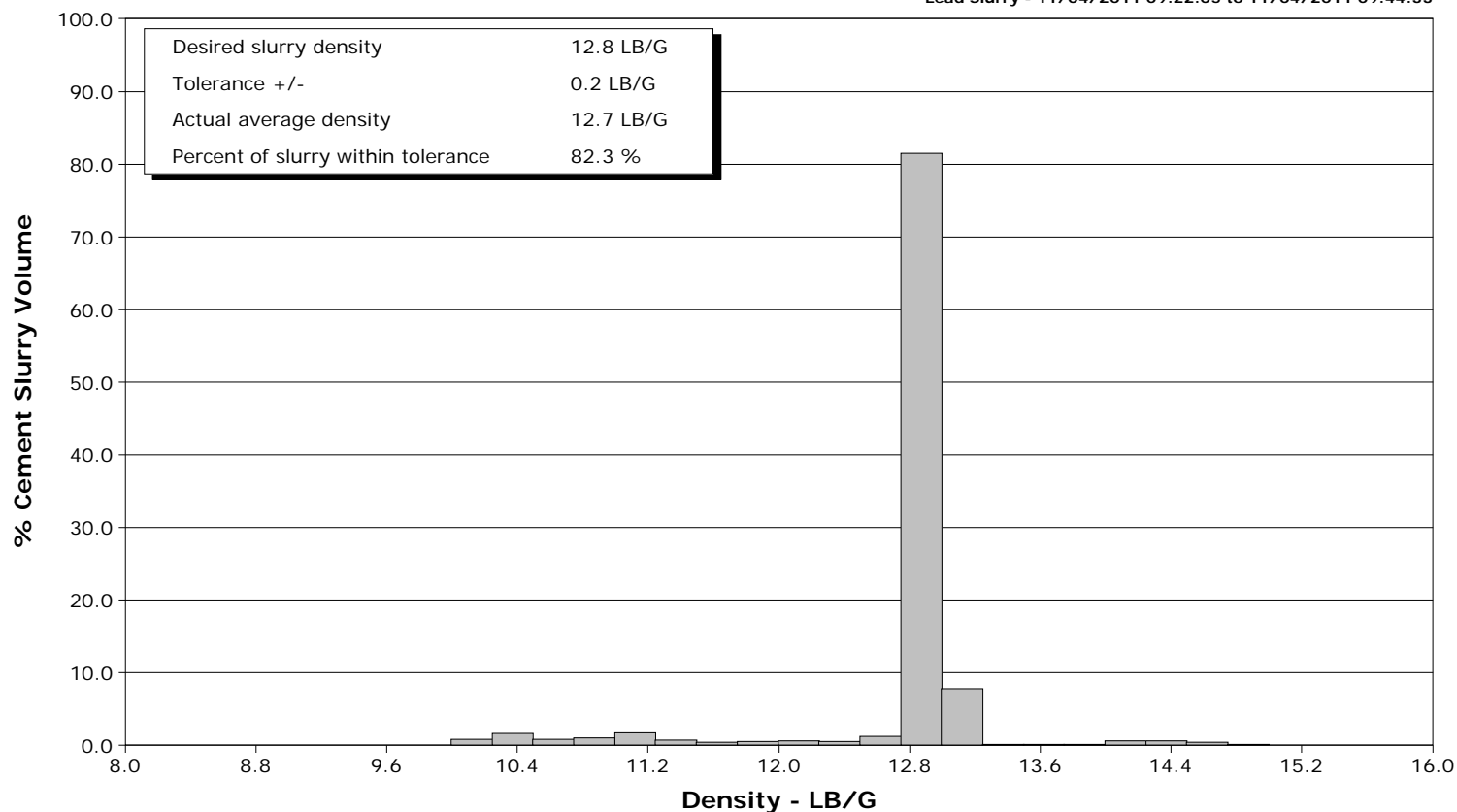
**Client** WILLIAMS  
**SIR No.** BUNM-00256  
**Job Type** 9 5/8" 2 STAGE SURFACE  
**Job Date** 11-04-2011



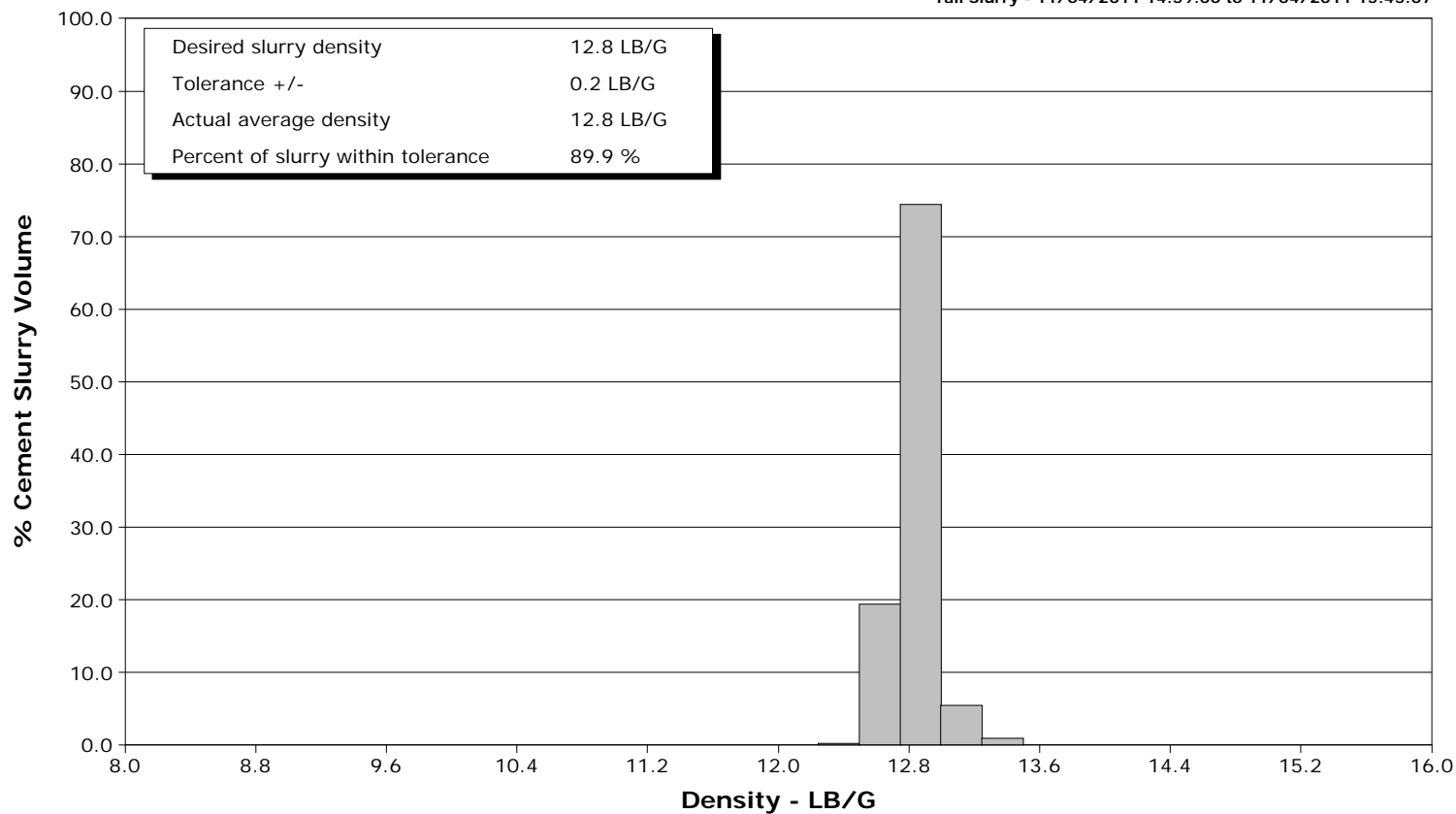
**Well** RGU 41-1-298  
**Field** RYAN GULCH  
**Engineer** Jeff Patterson  
**Country** United States

**Client** WILLIAMS  
**SIR No.** BUNM-00256  
**Job Type** 9 5/8" 2 STAGE SURFACE  
**Job Date** 11-04-2011

Lead Slurry - 11/04/2011 09:22:05 to 11/04/2011 09:44:33



Tail Slurry - 11/04/2011 14:59:00 to 11/04/2011 15:45:07





# Cementing Service Report

				Customer WILLIAMS		Job Number BUNM-00256		
Well RGU 41-1-298 RGU 41-1-298			Location (legal)		Schlumberger Location Grand Junction, Colorado		Job Start Nov/04/2011	
Field RYAN GULCH		Formation Name/Type SHALE		Deviation 0 deg	Bit Size 13.8 in	Well MD 3531.0 ft		Well TVD 3531.0 ft
County RIO BLANCO		State/Province Colorado		BHP	BHST 119 degF	BHCT 87 degF	Pore Press. Gradient	
Well Master 0631318498		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	3531.0	9.630	36.0	J55	8RD	
			0.0	0.000	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing	Job Type 9 5/8" 2 STAGE SURFACE							
Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press	WH Connection 9 5/8" CEMENT HEAD	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
							Diameter	
			Treat Down Casing	Displacement	Packer Type	Packer Depth		
			Tubing Vol.	Casing Vol. 274.0 bbl	Annular Vol. 562.0 bbl	Openhole Vol. 784.0 bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>	Casing Tools						
		Squeeze Job						
Lift Pressure 1747 psi		Shoe Type Guide	Squeeze Type					
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 3531.0 ft	Tool Type					
No. Centralizers	Top Plugs 1	Bottom Plugs	Stage Tool Type DV	Tool Depth				
Cement Head Type Single		Stage Tool Depth 1553.0 ft	Tail Pipe Size					
Job Scheduled For Nov/04/2011	Arrived on Location Nov/04/2011	Leave Location Nov/04/2011	Collar Type Float	Tail Pipe Depth				
			Collar Depth 3488.0 ft	Sqz. Total Vol.				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/04/2011	08:34:31					Started Acquisition		
11/04/2011	08:54:45	0	0.0	8.41	0.0			
11/04/2011	08:54:46					Start Job		
11/04/2011	08:54:46	-1	0.0	8.42	0.0			
11/04/2011	08:54:47					Pressure Test Lines		
11/04/2011	08:54:47	0	0.0	8.43	0.0			
11/04/2011	08:54:48					Low pressur etest to 500psi.		
11/04/2011	08:54:48					Good test.		
11/04/2011	08:54:48	0	0.0	8.43	0.0			
11/04/2011	08:54:49					High pressure test to 3000psi.		
11/04/2011	08:54:49					Good test.		
11/04/2011	08:54:49	0	0.0	8.44	0.0			
11/04/2011	08:54:51					Start Pumping Spacer		
11/04/2011	08:54:51	-0	0.0	8.44	0.0			
11/04/2011	08:54:53					Pumping 40bbls of fresh water.		
11/04/2011	08:54:53					Good returns.		
11/04/2011	08:54:53	0	0.0	8.44	0.0			
11/04/2011	08:55:01	-1	0.0	8.36	0.0			
11/04/2011	08:55:31	0	0.0	8.45	0.0			
11/04/2011	08:56:01	-1	0.0	8.38	0.0			
11/04/2011	08:56:31	-2	0.0	8.44	0.0			

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	08:57:31	-2	0.0	8.46	0.1		
11/04/2011	08:58:01	-2	0.0	8.46	0.1		
11/04/2011	08:58:31	-3	0.0	8.46	0.1		
11/04/2011	08:59:01	-2	0.0	8.44	0.1		
11/04/2011	08:59:31	-3	0.0	8.44	0.1		
11/04/2011	09:00:01	49	2.8	8.40	0.5		
11/04/2011	09:00:31	48	2.6	8.43	1.9		
11/04/2011	09:01:01	11	2.5	8.43	3.2		
11/04/2011	09:01:31	6	0.0	8.44	3.3		
11/04/2011	09:02:01	1778	0.0	8.44	3.3		
11/04/2011	09:02:31	1806	0.0	8.44	3.3		
11/04/2011	09:03:01	1969	0.0	8.44	3.3		
11/04/2011	09:03:31	2974	0.0	8.43	3.3		
11/04/2011	09:04:01	2936	0.0	8.43	3.3		
11/04/2011	09:04:31	2923	0.0	8.43	3.3		
11/04/2011	09:05:01	9	0.0	8.43	3.3		
11/04/2011	09:05:31	20	1.4	8.43	3.7		
11/04/2011	09:06:01	120	4.6	8.43	5.2		
11/04/2011	09:06:31	1	4.6	8.44	7.5		
11/04/2011	09:07:01	5	4.1	8.43	8.6		
11/04/2011	09:07:31	-1	4.6	8.43	10.9		
11/04/2011	09:08:01	1	4.6	8.43	13.3		
11/04/2011	09:08:31	7	4.6	8.44	15.6		
11/04/2011	09:09:01	14	4.6	8.43	17.9		
11/04/2011	09:09:31	104	6.5	8.43	20.4		
11/04/2011	09:10:01	116	6.5	8.43	23.7		
11/04/2011	09:10:31	112	6.5	8.43	27.0		
11/04/2011	09:11:01	102	6.5	8.43	30.2		
11/04/2011	09:11:31	107	6.5	8.43	33.5		
11/04/2011	09:12:01	124	6.5	8.43	36.8		
11/04/2011	09:12:31	113	6.5	8.43	40.0		
11/04/2011	09:13:01	111	6.5	8.43	43.3		
11/04/2011	09:13:31	130	6.5	8.43	46.6		
11/04/2011	09:14:01	131	6.5	8.43	49.8		
11/04/2011	09:14:31	132	6.5	8.43	53.1		
11/04/2011	09:15:01	137	6.5	8.43	56.4		
11/04/2011	09:15:31	145	6.5	8.43	59.6		
11/04/2011	09:16:01	151	6.8	10.55	62.9		
11/04/2011	09:16:12					End Spacer	
11/04/2011	09:16:12	249	6.5	12.34	64.1		
11/04/2011	09:16:14					Start Cement Slurry	
11/04/2011	09:16:14	262	6.5	12.34	64.3		
11/04/2011	09:16:15					Start Mixing Scav Slurry	
11/04/2011	09:16:15	262	6.5	12.35	64.5		
11/04/2011	09:16:31	268	6.5	12.26	66.2		
11/04/2011	09:17:01	262	6.5	12.35	69.5		
11/04/2011	09:17:31	219	6.5	12.75	72.7		
11/04/2011	09:18:01	169	6.5	12.90	76.0		
11/04/2011	09:18:31	151	6.5	13.17	79.2		
11/04/2011	09:19:01	182	6.5	13.37	82.4		
11/04/2011	09:19:31	193	6.5	13.18	85.7		
11/04/2011	09:20:01	213	6.5	12.91	89.0		
11/04/2011	09:20:31	358	8.5	12.98	92.8		
11/04/2011	09:21:01	317	8.5	12.82	97.0		

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS		Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/04/2011	09:22:01	325	8.5	12.92	105.5			
11/04/2011	09:22:04					End Scavenger Slurry		
11/04/2011	09:22:04	310	8.5	12.94	105.9			
11/04/2011	09:22:05					Start Mixing Lead Slurry		
11/04/2011	09:22:05	329	8.5	12.94	106.0			
11/04/2011	09:22:06					Mixing and pumping 12.8ppg lead slurry.		
11/04/2011	09:22:06					Good returns.		
11/04/2011	09:22:06	329	8.5	12.94	106.2			
11/04/2011	09:22:31	301	8.5	12.84	109.7			
11/04/2011	09:23:01	283	8.4	12.88	113.9			
11/04/2011	09:23:31	292	8.4	12.89	118.1			
11/04/2011	09:24:01	328	8.4	12.85	122.3			
11/04/2011	09:24:31	314	8.4	12.82	126.6			
11/04/2011	09:25:01	328	8.3	12.83	130.7			
11/04/2011	09:25:31	338	8.4	12.78	134.9			
11/04/2011	09:26:01	313	8.3	12.77	139.1			
11/04/2011	09:26:31	330	8.3	12.76	143.2			
11/04/2011	09:27:01	360	8.3	12.73	147.4			
11/04/2011	09:27:31	332	8.3	12.79	151.5			
11/04/2011	09:28:01	357	8.3	12.78	155.6			
11/04/2011	09:28:31	340	8.4	12.83	159.8			
11/04/2011	09:29:01	336	8.4	12.84	164.0			
11/04/2011	09:29:31	351	8.4	12.87	168.2			
11/04/2011	09:30:01	365	8.4	12.89	172.4			
11/04/2011	09:30:31	338	8.4	12.90	176.6			
11/04/2011	09:31:01	359	8.4	12.93	180.9			
11/04/2011	09:31:31	404	8.4	12.88	185.1			
11/04/2011	09:32:01	350	8.4	12.85	189.3			
11/04/2011	09:32:31	356	8.4	12.85	193.5			
11/04/2011	09:33:01	389	8.4	12.80	197.7			
11/04/2011	09:33:31	372	8.4	12.79	201.9			
11/04/2011	09:34:01	372	8.3	12.77	206.0			
11/04/2011	09:34:31	418	8.4	12.84	210.2			
11/04/2011	09:35:01	392	8.5	12.97	214.5			
11/04/2011	09:35:31	324	8.5	13.01	218.7			
11/04/2011	09:36:01	324	8.7	13.16	223.0			
11/04/2011	09:36:31	325	8.3	11.09	227.0			
11/04/2011	09:37:01	258	8.5	10.55	231.2			
11/04/2011	09:37:31	307	8.5	11.23	235.5			
11/04/2011	09:38:01	293	8.5	11.69	239.7			
11/04/2011	09:38:31	276	8.7	12.73	244.1			
11/04/2011	09:39:01	286	8.7	12.97	248.5			
11/04/2011	09:39:31	290	8.7	13.03	252.8			
11/04/2011	09:40:01	290	8.5	12.95	257.2			
11/04/2011	09:40:31	292	8.5	12.86	261.4			
11/04/2011	09:41:01	298	8.6	12.88	265.7			
11/04/2011	09:41:31	316	8.5	12.83	269.9			
11/04/2011	09:42:01	294	8.5	12.87	274.2			
11/04/2011	09:42:31	310	8.6	12.85	278.5			
11/04/2011	09:43:01	296	8.6	12.88	282.7			
11/04/2011	09:43:31	294	8.5	12.91	287.0			
11/04/2011	09:44:01	332	8.5	12.87	291.3			
11/04/2011	09:44:31	379	8.5	12.50	295.5			
11/04/2011	09:44:33					End Lead Slurry		

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	09:44:35					End Cement Slurry	
11/04/2011	09:44:35	397	8.5	12.04	296.1		
11/04/2011	09:44:37					Pumped 811sks/248bbls of 12.8ppg lead.	
11/04/2011	09:44:37					Good returns.	
11/04/2011	09:44:37	370	8.5	12.01	296.4		
11/04/2011	09:44:39					Drop Top Plug	
11/04/2011	09:44:39	367	8.5	12.01	296.7		
11/04/2011	09:44:40					Start Displacement	
11/04/2011	09:44:40	358	8.5	12.01	296.8		
11/04/2011	09:44:41					Displace with fresh water.	
11/04/2011	09:44:41					Good returns.	
11/04/2011	09:44:41	372	8.5	12.01	296.9		
11/04/2011	09:45:01	375	8.5	12.11	299.8		
11/04/2011	09:45:31	405	8.4	12.18	304.0		
11/04/2011	09:46:01	-106	0.0	13.39	306.9		
11/04/2011	09:46:31	-109	0.0	13.24	306.9		
11/04/2011	09:47:01	-108	0.0	13.12	306.9		
11/04/2011	09:47:31	-109	0.0	13.13	306.9		
11/04/2011	09:48:01	-105	0.0	13.73	306.9		
11/04/2011	09:48:31	-106	0.0	9.98	306.9		
11/04/2011	09:49:01	-106	0.0	9.80	306.9		
11/04/2011	09:49:31	-106	0.0	9.69	306.9		
11/04/2011	09:50:01	-107	0.0	9.43	306.9		
11/04/2011	09:50:31	-106	1.4	8.85	307.6		
11/04/2011	09:51:01	-2	4.7	8.83	309.4		
11/04/2011	09:51:31	-1	4.7	8.92	311.8		
11/04/2011	09:52:01	2	4.7	8.89	314.1		
11/04/2011	09:52:31	3	4.7	8.75	316.5		
11/04/2011	09:53:01	-12	4.7	8.69	318.8		
11/04/2011	09:53:31	78	6.4	8.68	321.8		
11/04/2011	09:54:01	80	6.5	8.56	325.0		
11/04/2011	09:54:31	88	6.5	8.47	328.3		
11/04/2011	09:55:01	84	6.5	8.44	331.5		
11/04/2011	09:55:31	88	6.4	8.42	334.8		
11/04/2011	09:56:01	73	6.4	8.32	337.9		
11/04/2011	09:56:31	87	6.5	8.41	341.2		
11/04/2011	09:57:01	215	8.3	8.41	344.5		
11/04/2011	09:57:31	179	8.4	8.43	348.7		
11/04/2011	09:58:01	202	8.4	8.44	352.9		
11/04/2011	09:58:31	206	8.4	8.40	357.1		
11/04/2011	09:59:01	187	8.4	8.41	361.3		
11/04/2011	09:59:31	164	8.1	8.10	365.3		
11/04/2011	10:00:01	183	8.2	8.28	369.4		
11/04/2011	10:00:31	210	8.3	8.34	373.6		
11/04/2011	10:01:01	154	8.0	8.23	377.7		
11/04/2011	10:01:31	213	8.5	8.42	381.8		
11/04/2011	10:02:01	182	8.4	8.43	386.0		
11/04/2011	10:02:31	199	8.5	8.43	390.2		
11/04/2011	10:03:01	165	8.1	8.16	394.4		
11/04/2011	10:03:31	187	8.5	8.42	398.6		
11/04/2011	10:04:01	193	8.4	8.43	402.9		
11/04/2011	10:04:31	201	8.4	8.43	407.1		
11/04/2011	10:05:01	187	8.4	8.43	411.3		
11/04/2011	10:05:31	192	8.4	8.43	415.5		

Well			Field		Job Start		Customer		Job Number	
RGU 41-1-298 RGU 41-1-298			RYAN GULCH		Nov/04/2011		WILLIAMS		BUNM-00256	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/04/2011	10:06:31	191	8.4	8.43	423.9					
11/04/2011	10:07:01	188	8.4	8.43	428.1					
11/04/2011	10:07:31	-10	4.7	8.43	431.8					
11/04/2011	10:08:01	-62	3.1	8.43	433.6					
11/04/2011	10:08:31	-62	3.1	8.43	435.1					
11/04/2011	10:09:01	-61	3.0	8.43	436.7					
11/04/2011	10:09:31	-62	3.0	8.43	438.2					
11/04/2011	10:10:01	-63	2.9	8.43	439.6					
11/04/2011	10:10:31	-62	2.8	8.43	441.0					
11/04/2011	10:11:01	-64	2.7	8.43	442.4					
11/04/2011	10:11:31	-61	2.6	8.43	443.8					
11/04/2011	10:12:01	-61	2.6	8.43	445.1					
11/04/2011	10:12:31	-61	2.5	8.43	446.3					
11/04/2011	10:13:01	-61	2.4	8.43	447.5					
11/04/2011	10:13:31	-58	2.3	8.43	448.7					
11/04/2011	10:14:01	-58	2.2	8.43	449.8					
11/04/2011	10:14:31	-54	2.2	8.43	450.9					
11/04/2011	10:15:01	-50	2.2	8.43	452.0					
11/04/2011	10:15:31	-45	2.2	8.43	453.1					
11/04/2011	10:16:01	-39	2.2	8.43	454.2					
11/04/2011	10:16:31	-7	3.4	8.43	455.5					
11/04/2011	10:17:01	158	6.4	8.43	457.9					
11/04/2011	10:17:31	169	6.5	8.44	461.2					
11/04/2011	10:18:01	188	6.5	8.44	464.4					
11/04/2011	10:18:31	179	6.5	8.44	467.7					
11/04/2011	10:19:01	239	6.5	8.44	470.9					
11/04/2011	10:19:31	211	6.5	8.44	474.2					
11/04/2011	10:20:01	225	6.5	8.43	477.4					
11/04/2011	10:20:31	257	6.5	8.44	480.7					
11/04/2011	10:21:01	277	6.5	8.44	483.9					
11/04/2011	10:21:31	283	6.5	8.44	487.2					
11/04/2011	10:22:01	279	6.5	8.44	490.4					
11/04/2011	10:22:31	308	6.5	8.44	493.7					
11/04/2011	10:23:01	294	6.5	8.44	496.9					
11/04/2011	10:23:31	332	6.5	8.43	500.2					
11/04/2011	10:24:01	326	6.5	8.43	503.4					
11/04/2011	10:25:01	344	6.5	8.44	509.9					
11/04/2011	10:25:31	385	6.5	8.44	513.1					
11/04/2011	10:26:01	371	6.5	8.43	516.4					
11/04/2011	10:26:31	383	6.5	8.44	519.6					
11/04/2011	10:27:01	386	6.5	8.44	522.9					
11/04/2011	10:27:31	418	6.5	8.44	526.1					
11/04/2011	10:28:01	420	6.5	8.44	529.4					
11/04/2011	10:28:31	428	6.5	8.44	532.6					
11/04/2011	10:29:01	434	6.5	8.44	535.9					
11/04/2011	10:29:31	421	6.5	8.44	539.1					
11/04/2011	10:30:01	492	6.5	8.44	542.3					
11/04/2011	10:30:31	467	6.5	8.44	545.6					
11/04/2011	10:31:01	483	6.5	8.44	548.8					
11/04/2011	10:31:31	484	6.5	8.44	552.1					
11/04/2011	10:32:01	526	6.5	8.44	555.3					
11/04/2011	10:32:31	518	6.5	8.44	558.5					
11/04/2011	10:33:01	523	6.5	8.44	561.8					
11/04/2011	10:33:31	528	6.5	8.44	565.0					

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011		Customer WILLIAMS		Job Number BUNM-00256	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/04/2011	10:34:31	435	4.2	8.44	571.1					
11/04/2011	10:35:01	450	4.2	8.44	573.2					
11/04/2011	10:35:31	443	4.2	8.44	575.3					
11/04/2011	10:36:01	447	4.2	8.44	577.4					
11/04/2011	10:36:31	465	4.2	8.44	579.5					
11/04/2011	10:37:01	409	2.3	8.44	581.0					
11/04/2011	10:37:31	412	2.3	8.44	582.2					
11/04/2011	10:38:01	388	2.3	8.44	583.3					
11/04/2011	10:38:31	403	2.3	8.44	584.5					
11/04/2011	10:39:01	1000	0.0	8.44	585.3					
11/04/2011	10:39:07					Bump Top Plug				
11/04/2011	10:39:07	1006	0.0	8.44	585.3					
11/04/2011	10:39:08					End Displacement				
11/04/2011	10:39:08	1018	0.0	8.44	585.3					
11/04/2011	10:39:09					Bumped plug to 1100psi.				
11/04/2011	10:39:09					Final displacement was 270bbls.				
11/04/2011	10:39:09	1010	0.0	8.44	585.3					
11/04/2011	10:39:10					Bleed off pressure.				
11/04/2011	10:39:10					Check floats.				
11/04/2011	10:39:10					Floats held.				
11/04/2011	10:39:10					Drop opening bomb.				
11/04/2011	10:39:10	1010	0.0	8.44	585.3					
11/04/2011	10:39:11					Pressure up on bomb to open DV Tool.				
11/04/2011	10:39:11					DV Tool opened at 600psi.				
11/04/2011	10:39:11	1001	0.0	8.44	585.3					
11/04/2011	10:39:12					Circulate 20bbl of water.				
11/04/2011	10:39:12					Turn over to rig for 4 hours..				
11/04/2011	10:39:12	1011	0.0	8.44	585.3					
11/04/2011	10:39:31	1004	0.0	8.44	585.3					
11/04/2011	10:40:01	1011	0.0	8.44	585.3					
11/04/2011	10:40:31	1011	0.0	8.44	585.3					
11/04/2011	10:41:01	969	0.0	8.44	585.3					
11/04/2011	10:41:31	84	0.0	8.44	585.3					
11/04/2011	10:42:01	-112	0.0	8.44	585.3					
11/04/2011	10:42:31	-104	0.0	8.44	585.3					
11/04/2011	10:43:01	-104	0.0	8.44	585.3					
11/04/2011	10:43:31	-104	0.0	8.44	585.4					
11/04/2011	10:44:01	-104	0.0	8.44	585.4					
11/04/2011	10:44:31	-103	0.0	8.44	585.4					
11/04/2011	10:45:01	-103	0.0	8.44	585.4					
11/04/2011	10:45:31	-103	0.0	8.44	585.4					
11/04/2011	10:46:01	-102	0.0	8.44	585.4					
11/04/2011	10:46:31	-102	0.0	8.44	585.4					
11/04/2011	10:47:01	-102	0.0	8.44	585.4					
11/04/2011	10:47:31	-102	0.0	8.44	585.4					
11/04/2011	10:48:01	-102	0.0	8.44	585.4					
11/04/2011	10:48:31	-102	0.0	8.44	585.4					
11/04/2011	10:49:01	-101	0.0	8.44	585.4					
11/04/2011	10:49:31	-101	0.0	8.44	585.4					
11/04/2011	10:50:01	-101	0.0	8.44	585.4					
11/04/2011	10:50:31	-101	0.0	8.44	585.4					
11/04/2011	10:51:01	-100	0.0	8.44	585.4					
11/04/2011	10:51:31	-100	0.0	8.44	585.4					
11/04/2011	10:52:01	-100	0.0	8.44	585.4					

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	10:53:01	-99	0.0	8.44	585.5		
11/04/2011	10:53:31	-99	0.0	8.43	585.5		
11/04/2011	10:54:01	-100	0.0	8.44	585.5		
11/04/2011	10:54:31	-99	0.0	8.43	585.5		
11/04/2011	10:55:01	-99	0.0	8.44	585.5		
11/04/2011	10:55:31	-99	0.0	8.44	585.5		
11/04/2011	10:56:01	-99	0.0	8.44	585.5		
11/04/2011	10:56:31	316	0.7	8.44	585.7		
11/04/2011	10:57:01	92	4.5	8.43	587.0		
11/04/2011	10:57:31	186	6.5	8.44	589.8		
11/04/2011	10:58:01	183	6.5	8.44	593.1		
11/04/2011	10:58:31	165	6.5	8.44	596.3		
11/04/2011	10:59:01	199	6.5	8.44	599.6		
11/04/2011	10:59:31	187	6.5	8.44	602.8		
11/04/2011	11:00:01	187	6.5	8.44	606.1		
11/04/2011	11:00:31	-16	0.0	8.44	606.8		
11/04/2011	11:01:01	-15	0.0	8.44	606.8		
11/04/2011	14:38:57					Start Pumping Spacer	
11/04/2011	14:38:57	3	0.0	8.43	606.8		
11/04/2011	14:38:58					Pumping 40bbls fresh water spacer.	
11/04/2011	14:38:58					Good returns.	
11/04/2011	14:38:58	4	0.0	8.43	606.8		
11/04/2011	14:39:01	4	0.0	8.43	606.8		
11/04/2011	14:39:31	4	0.0	8.43	606.8		
11/04/2011	14:40:01	4	0.0	8.43	606.8		
11/04/2011	14:40:31	4	0.0	8.43	606.8		
11/04/2011	14:41:01	4	0.0	8.43	606.8		
11/04/2011	14:41:31	4	0.0	8.43	606.8		
11/04/2011	14:42:01	4	0.0	8.43	606.9		
11/04/2011	14:42:31	4	0.0	8.43	606.9		
11/04/2011	14:43:01	4	0.0	8.43	606.9		
11/04/2011	14:43:31	4	0.0	8.43	606.9		
11/04/2011	14:44:01	5	0.0	8.43	606.9		
11/04/2011	14:44:31	4	0.0	8.43	606.9		
11/04/2011	14:45:01	4	0.0	8.43	606.9		
11/04/2011	14:45:31	4	0.0	8.43	606.9		
11/04/2011	14:46:01	4	0.0	8.43	606.9		
11/04/2011	14:46:31	4	0.0	8.43	606.9		
11/04/2011	14:47:01	4	0.0	8.43	606.9		
11/04/2011	14:47:31	4	0.0	8.43	606.9		
11/04/2011	14:48:01	4	0.0	8.43	606.9		
11/04/2011	14:48:31	3	0.0	8.43	606.9		
11/04/2011	14:49:01	4	0.0	8.43	606.9		
11/04/2011	14:49:31	7	0.3	8.43	607.0		
11/04/2011	14:50:01	31	0.7	8.42	607.1		
11/04/2011	14:50:31	29	1.7	8.39	608.0		
11/04/2011	14:51:01	115	4.6	8.43	610.1		
11/04/2011	14:51:31	112	4.6	8.43	612.4		
11/04/2011	14:52:01	310	7.9	8.43	615.4		
11/04/2011	14:52:31	334	8.4	8.43	619.6		
11/04/2011	14:53:01	336	8.4	8.43	623.8		
11/04/2011	14:53:31	319	8.4	8.43	628.0		
11/04/2011	14:54:01	338	8.4	8.43	632.2		
11/04/2011	14:54:31	343	8.4	8.43	636.4		

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	14:55:31	346	8.4	8.43	644.8		
11/04/2011	14:56:01	539	8.4	12.51	649.1		
11/04/2011	14:56:31	500	8.4	12.57	653.3		
11/04/2011	14:57:01	483	8.4	12.72	657.5		
11/04/2011	14:57:09					End Spacer	
11/04/2011	14:57:09	495	8.4	12.78	658.6		
11/04/2011	14:57:10					Start Cement Slurry	
11/04/2011	14:57:10	494	8.4	12.78	658.8		
11/04/2011	14:57:11					Start Mixing Scav Slurry	
11/04/2011	14:57:11	494	8.4	12.77	658.9		
11/04/2011	14:57:31	486	8.4	12.81	661.7		
11/04/2011	14:58:01	497	8.4	12.93	665.9		
11/04/2011	14:58:31	465	8.3	12.99	670.0		
11/04/2011	14:58:59					End Scavenger Slurry	
11/04/2011	14:58:59	494	8.4	12.88	673.9		
11/04/2011	14:59:00					Start Mixing Tail Slurry	
11/04/2011	14:59:00	494	8.3	12.87	674.1		
11/04/2011	14:59:01	484	8.3	12.88	674.2		
11/04/2011	14:59:03					Mixing and pumping 12.8ppg tail slurry.	
11/04/2011	14:59:03					Good returns.	
11/04/2011	14:59:03	478	8.3	12.91	674.5		
11/04/2011	14:59:31	488	8.3	12.85	678.3		
11/04/2011	15:00:01	461	8.2	12.86	682.5		
11/04/2011	15:00:31	437	8.2	12.87	686.6		
11/04/2011	15:01:01	507	8.3	12.84	690.7		
11/04/2011	15:01:31	486	8.4	12.79	694.9		
11/04/2011	15:02:01	495	8.4	12.71	699.1		
11/04/2011	15:02:31	514	8.5	12.68	703.3		
11/04/2011	15:03:01	490	8.4	12.76	707.5		
11/04/2011	15:03:31	508	8.4	12.82	711.7		
11/04/2011	15:04:01	532	8.4	12.81	716.0		
11/04/2011	15:04:31	502	8.4	12.79	720.2		
11/04/2011	15:05:01	506	8.5	12.75	724.4		
11/04/2011	15:05:31	538	8.4	12.71	728.6		
11/04/2011	15:06:01	533	8.5	12.74	732.9		
11/04/2011	15:06:31	512	8.5	12.77	737.1		
11/04/2011	15:07:01	554	8.5	12.76	741.3		
11/04/2011	15:07:31	527	8.5	12.73	745.6		
11/04/2011	15:08:01	500	8.5	12.73	749.8		
11/04/2011	15:08:31	516	8.5	12.76	754.1		
11/04/2011	15:09:01	529	8.5	12.78	758.3		
11/04/2011	15:09:31	506	8.5	12.75	762.5		
11/04/2011	15:10:01	506	8.5	12.70	766.8		
11/04/2011	15:10:31	534	8.5	12.85	771.0		
11/04/2011	15:11:01	535	8.4	12.98	775.2		
11/04/2011	15:11:31	527	8.5	12.96	779.5		
11/04/2011	15:12:01	545	8.5	12.85	783.7		
11/04/2011	15:12:31	528	8.5	12.69	787.9		
11/04/2011	15:13:01	503	8.5	12.65	792.2		
11/04/2011	15:13:31	554	8.4	12.88	796.4		
11/04/2011	15:14:01	545	8.4	12.99	800.6		
11/04/2011	15:14:31	521	8.4	12.98	804.8		
11/04/2011	15:15:01	521	8.5	12.78	809.1		
11/04/2011	15:15:31	520	8.5	12.70	813.3		

Well			Field		Job Start		Customer		Job Number	
RGU 41-1-298 RGU 41-1-298			RYAN GULCH		Nov/04/2011		WILLIAMS		BUNM-00256	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/04/2011	15:16:31	488	8.5	12.82	821.8					
11/04/2011	15:17:01	508	8.5	12.85	826.0					
11/04/2011	15:17:31	475	8.4	12.90	830.2					
11/04/2011	15:18:01	457	8.4	13.02	834.4					
11/04/2011	15:18:31	518	8.4	13.10	838.6					
11/04/2011	15:19:01	525	8.4	13.15	842.8					
11/04/2011	15:19:31	485	8.5	13.00	847.1					
11/04/2011	15:20:01	513	8.5	12.87	851.3					
11/04/2011	15:20:31	506	8.4	13.27	855.5					
11/04/2011	15:21:01	497	8.4	12.58	859.7					
11/04/2011	15:21:31	494	8.4	12.52	863.9					
11/04/2011	15:22:01	491	8.4	12.52	868.1					
11/04/2011	15:22:31	478	8.4	12.63	872.3					
11/04/2011	15:23:01	494	8.4	12.66	876.5					
11/04/2011	15:23:31	515	8.4	12.56	880.8					
11/04/2011	15:24:01	507	8.4	12.77	885.0					
11/04/2011	15:24:31	515	8.4	12.76	889.2					
11/04/2011	15:25:01	512	8.4	12.81	893.4					
11/04/2011	15:25:31	496	8.4	12.88	897.6					
11/04/2011	15:26:01	500	8.4	12.89	901.8					
11/04/2011	15:26:31	550	8.4	12.87	906.1					
11/04/2011	15:27:01	532	8.4	12.99	910.3					
11/04/2011	15:27:31	462	8.5	12.89	914.5					
11/04/2011	15:28:01	482	8.5	12.85	918.8					
11/04/2011	15:28:31	481	8.5	12.82	923.0					
11/04/2011	15:29:01	479	8.5	12.80	927.2					
11/04/2011	15:29:31	512	8.4	12.82	931.5					
11/04/2011	15:30:01	498	8.5	12.82	935.7					
11/04/2011	15:30:31	475	8.5	12.81	939.9					
11/04/2011	15:31:01	511	8.4	12.79	944.1					
11/04/2011	15:31:31	506	8.5	12.79	948.4					
11/04/2011	15:32:01	472	8.4	12.81	952.6					
11/04/2011	15:32:31	495	8.4	12.80	956.8					
11/04/2011	15:33:01	505	8.4	12.80	961.0					
11/04/2011	15:33:31	514	8.5	12.81	965.3					
11/04/2011	15:34:01	508	8.4	12.81	969.5					
11/04/2011	15:34:31	542	8.5	12.84	973.7					
11/04/2011	15:35:01	539	8.4	12.81	977.9					
11/04/2011	15:35:31	522	8.4	12.82	982.2					
11/04/2011	15:36:31	541	8.4	12.78	990.6					
11/04/2011	15:37:01	513	8.5	12.81	994.8					
11/04/2011	15:37:31	548	8.5	12.86	999.1					
11/04/2011	15:38:01	542	8.4	12.87	1003.3					
11/04/2011	15:38:31	513	8.4	12.86	1007.5					
11/04/2011	15:39:01	512	8.4	12.83	1011.7					
11/04/2011	15:39:31	534	8.4	12.82	1016.0					
11/04/2011	15:40:01	518	8.4	12.80	1020.2					
11/04/2011	15:40:31	507	8.4	12.79	1024.4					
11/04/2011	15:41:01	545	8.4	12.78	1028.6					
11/04/2011	15:41:31	528	8.4	12.77	1032.8					
11/04/2011	15:42:01	514	8.4	12.82	1037.0					
11/04/2011	15:42:31	558	8.4	12.89	1041.2					
11/04/2011	15:43:01	554	8.4	12.88	1045.4					
11/04/2011	15:43:31	512	8.4	12.86	1049.7					

Well RGU 41-1-298 RGU 41-1-298			Field RYAN GULCH		Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	15:44:31	549	8.4	12.85	1058.1		
11/04/2011	15:45:01	514	8.4	12.95	1062.3		
11/04/2011	15:45:07					End Tail Slurry	
11/04/2011	15:45:07	539	8.4	12.98	1063.1		
11/04/2011	15:45:09					End Cement Slurry	
11/04/2011	15:45:09	509	8.4	12.97	1063.4		
11/04/2011	15:45:10					Pumped 1037sks/318bbbls of 12.8ppg tail.	
11/04/2011	15:45:10					Good returns.	
11/04/2011	15:45:10	509	8.4	12.97	1063.6		
11/04/2011	15:45:12					Drop Top Plug	
11/04/2011	15:45:12	519	8.4	12.96	1063.8		
11/04/2011	15:45:13					Start Displacement	
11/04/2011	15:45:13	527	8.4	12.96	1064.0		
11/04/2011	15:45:31	526	8.4	13.07	1066.5		
11/04/2011	15:46:01	246	6.2	13.46	1070.6		
11/04/2011	15:46:31	507	8.4	12.76	1074.7		
11/04/2011	15:47:01	13	0.0	13.37	1076.3		
11/04/2011	15:47:31	18	0.0	12.71	1076.3		
11/04/2011	15:48:01	18	0.0	13.09	1076.3		
11/04/2011	15:48:31	18	0.0	13.11	1076.3		
11/04/2011	15:49:01	19	0.0	10.07	1076.3		
11/04/2011	15:49:31	86	1.2	9.36	1076.4		
11/04/2011	15:50:01	137	2.0	9.19	1077.4		
11/04/2011	15:50:16					Displace with water.	
11/04/2011	15:50:16	155	4.7	9.12	1078.5		
11/04/2011	15:50:17					Good returns.	
11/04/2011	15:50:17					Cement to surface as soon as we started displacement.	
11/04/2011	15:50:17	155	4.7	9.12	1078.6		
11/04/2011	15:50:18					Total cement to surface is 120bbbls.	
11/04/2011	15:50:18	151	4.7	9.11	1078.6		
11/04/2011	15:50:31	160	4.6	9.06	1079.6		
11/04/2011	15:51:01	240	6.5	8.81	1082.6		
11/04/2011	15:51:31	269	6.6	8.82	1085.9		
11/04/2011	15:52:01	264	6.6	8.65	1089.2		
11/04/2011	15:52:31	268	6.6	8.55	1092.5		
11/04/2011	15:53:01	274	6.4	8.55	1095.7		
11/04/2011	15:53:31	283	6.5	8.51	1098.9		
11/04/2011	15:54:01	277	6.4	8.43	1102.2		
11/04/2011	15:54:31	296	6.5	8.42	1105.4		
11/04/2011	15:55:01	282	6.6	8.46	1108.7		
11/04/2011	15:55:31	308	6.5	8.41	1111.9		
11/04/2011	15:56:01	330	6.5	8.43	1115.2		
11/04/2011	15:56:31	312	6.5	8.42	1118.5		
11/04/2011	15:57:01	309	6.5	8.33	1121.7		
11/04/2011	15:57:31	379	6.5	8.37	1125.0		
11/04/2011	15:58:01	359	6.5	8.40	1128.2		
11/04/2011	15:58:31	378	6.5	8.43	1131.5		
11/04/2011	15:59:01	397	6.5	8.42	1134.7		
11/04/2011	15:59:31	379	6.5	8.43	1138.0		
11/04/2011	16:00:01	359	6.5	8.40	1141.3		
11/04/2011	16:00:31	412	6.5	8.43	1144.5		
11/04/2011	16:01:01	404	6.5	8.44	1147.8		
11/04/2011	16:01:31	400	6.5	8.44	1151.1		
11/04/2011	16:02:01	424	6.5	8.44	1154.3		

Well			Field		Job Start	Customer	Job Number
RGU 41-1-298 RGU 41-1-298			RYAN GULCH		Nov/04/2011	WILLIAMS	BUNM-00256
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/04/2011	16:03:01	453	6.5	8.44	1160.8		
11/04/2011	16:03:31	445	6.5	8.43	1164.1		
11/04/2011	16:04:01	470	6.5	8.43	1167.3		
11/04/2011	16:04:31	451	6.5	8.44	1170.6		
11/04/2011	16:05:01	500	6.5	8.44	1173.8		
11/04/2011	16:05:31	479	6.5	8.44	1177.0		
11/04/2011	16:06:01	497	6.5	8.44	1180.3		
11/04/2011	16:06:31	398	4.2	8.44	1183.1		
11/04/2011	16:07:01	417	4.2	8.44	1185.2		
11/04/2011	16:07:31	413	4.2	8.44	1187.3		
11/04/2011	16:08:01	416	4.2	8.44	1189.4		
11/04/2011	16:08:31	434	4.2	8.44	1191.5		
11/04/2011	16:09:01	355	2.3	8.44	1193.0		
11/04/2011	16:09:31	371	2.3	8.44	1194.1		
11/04/2011	16:10:01	360	2.3	8.44	1195.3		
11/04/2011	16:10:31	405	2.3	8.44	1196.4		
11/04/2011	16:11:01	365	2.3	8.44	1197.6		
11/04/2011	16:11:31	399	2.3	8.44	1198.7		
11/04/2011	16:12:01	378	2.3	8.44	1199.9		
11/04/2011	16:12:29					Bump Top Plug	
11/04/2011	16:12:29	1560	0.1	8.44	1200.8		
11/04/2011	16:12:30					End Displacement	
11/04/2011	16:12:30	1534	0.0	8.44	1200.8		
11/04/2011	16:12:31	1526	0.0	8.44	1200.8		
11/04/2011	16:12:32					Bumped closing plug to 1500psi.	
11/04/2011	16:12:32					Final displacement was 120bbbls.	
11/04/2011	16:12:32					Bleed off pressure.	
11/04/2011	16:12:32					Check that the DV Tool closes.	
11/04/2011	16:12:32					DV Tool closed.	
11/04/2011	16:12:32	1556	0.0	8.44	1200.8		
11/04/2011	16:12:33					Total cement to surface was 120bbbls.	
11/04/2011	16:12:33					Good returns for entire job.	
11/04/2011	16:12:33					Got 1bbl back.	
11/04/2011	16:12:33	1556	0.0	8.44	1200.8		
11/04/2011	16:13:01	1538	0.0	8.44	1200.8		
11/04/2011	16:13:31	1537	0.0	8.44	1200.8		
11/04/2011	16:14:01	1538	0.0	8.44	1200.8		
11/04/2011	16:14:31	1461	0.0	8.44	1200.8		
11/04/2011	16:15:01	363	0.0	8.44	1200.8		
11/04/2011	16:15:31	9	0.0	8.44	1200.8		
11/04/2011	16:16:01	9	0.0	8.44	1200.9		
11/04/2011	16:16:06					End Job	
11/04/2011	16:16:06	10	0.0	8.44	1200.9		

Well RGU 41-1-298 RGU 41-1-298	Field RYAN GULCH	Job Start Nov/04/2011	Customer WILLIAMS	Job Number BUNM-00256
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 7.0	N2	Mud	Maximum Rate 8.0	Total Slurry 566.0	Mud	Spacer 40.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3000	Final 1500	Average 400	Bump Plug to 1500	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume 566.0 bbl		Displacement 270.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 120.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative JOE HONEYCUT			Schlumberger Supervisor Jeff Patterson			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	