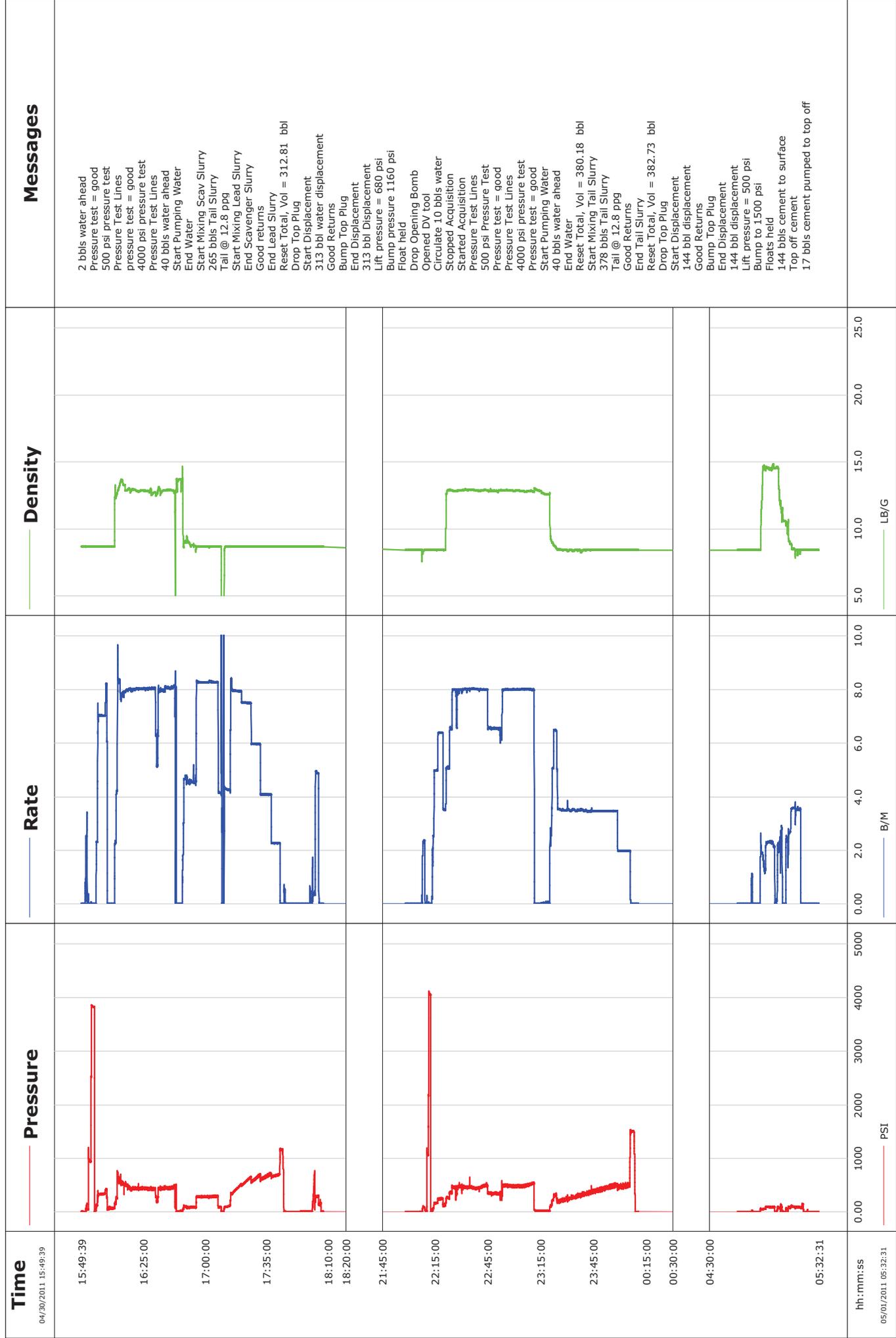


Well	RGU 441-25-198	Client	Williams
Field	Ryan Gulch	SIR No.	BAD4-00653
Engineer	Ryan Bowditch	Job Type	9 5/8" 2-Stage Surface
Country	United States	Job Date	04-30-2011



				Customer			Job Number		
				Williams			BAD4-00653		
Well		Location (legal)			Schlumberger Location			Job Start	
RGU 441-25-198					Grand Junction, CO			Apr/30/2011	
Field		Formation Name/Type		Deviation	Bit Size		Well MD		Well TVD
Ryan Gulch		Shale		deg	13.8 in		4098.0 ft		ft
County		State/Province		BHP		BHST	BHCT	Pore Press. Gradient	
Rio Blanco		Colorado		psi		122 degF	89 degF	lb/gal	
Well Master		API/UWI							
0631274324									
Rig Name		Drilled For	Service Via		Casing/Liner				
Cyclone 29		Gas	Land						
					Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone		Well Class	Well Type		80.0	18.6	94.0		
		New	Development		4098.0	9.6	36.0	J55	8RD
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe				
Bentonite		lb/gal	cP						
					T/D	Depth, ft	Size, in	Weight, lb/ft	Grade
Service Line		Job Type			Perforations/Open Hole				
Cementing		9 5/8" 2-Stage Surface							
Max. Allowed Tub. Press		Max. Allowed Ann. Press	WH Connection		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
3000 psi		500 psi	Single Cement head		ft	ft			ft
Service Instructions Cement 9 5/8" 2-Stage Surface with: 40 bbls Water 265 bbls 12.8 ppg Cement (870 sks) Displace 313 bbls Water Second Stage: 40 bbls Water 378 bbls 12.8 ppg Cement (1240 sks) Displace 143 bbls Water					ft	ft			Diameter
					ft	ft			in
					ft	ft			
					Treat Down		Displacement	Packer Type	
Casing		313.0 bbl			ft				
Tubing Vol.		Casing Vol.	Annular Vol.		Openhole Vol.				
bbl		316.0 bbl	bbl		bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools		Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type		
680 psi		Guide			4098.0 ft				
Pipe Rotated		Pipe Reciprocated	Stage Tool Type		Tool Depth		Tool Type		
<input type="checkbox"/>		<input type="checkbox"/>	DV		ft				
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Depth		Tail Pipe Size		
		1			1870.0 ft		in		
Cement Head Type		Single			Collar Type		Tail Pipe Depth		
					Float		ft		
Job Scheduled For		Arrived on Location	Leave Location		Collar Depth		Sqz. Total Vol.		
Apr/30/2011		Apr/30/2011	Apr/30/2011		4054.0 ft		bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
04/30/2011	15:49:39	0	0.0	8.66	0.0	Started Acquisition			
04/30/2011	15:49:42	0	0.0	8.66	0.0	2 bbls water ahead			
04/30/2011	15:51:19	-0	0.0	8.66	0.0				
04/30/2011	15:52:59	56	2.5	8.66	1.8				
04/30/2011	15:54:00	961	0.0	8.67	1.9	Pressure test = good			
04/30/2011	15:54:39	938	0.0	8.67	1.9				
04/30/2011	15:56:00	3823	0.0	8.67	1.9	pressure test = good			
04/30/2011	15:56:19	3819	0.0	8.67	1.9				
04/30/2011	15:57:59	34	0.5	8.67	1.9				
04/30/2011	15:58:34	110	2.3	8.66	3.1	40 bbls water ahead			
04/30/2011	15:59:39	322	7.0	8.67	9.3				
04/30/2011	16:01:19	340	7.0	8.67	20.9				
04/30/2011	16:02:59	339	7.0	8.67	32.6				
04/30/2011	16:04:39	51	0.0	8.67	42.7				
04/30/2011	16:05:00	64	0.0	8.67	42.7	End Water			
04/30/2011	16:06:19	63	0.0	8.66	42.7				
04/30/2011	16:07:59	63	0.0	8.67	42.7				
04/30/2011	16:09:09	165	2.3	12.27	43.8	Start Mixing Scav Slurry			
04/30/2011	16:09:11	163	2.3	12.28	43.9	265 bbls Tail Slurry			
04/30/2011	16:09:39	255	4.2	12.47	45.2				
04/30/2011	16:11:19	614	8.3	13.19	57.2				

Well RGU 441-25-198			Field Ryan Gulch		Job Start Apr/30/2011	Customer Williams		Job Number BAD4-00653
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
04/30/2011	16:14:39	516	7.9	12.83	83.5			
04/30/2011	16:16:19	484	8.0	12.96	96.8			
04/30/2011	16:17:59	428	8.0	12.81	110.1			
04/30/2011	16:19:39	431	8.0	12.91	123.4			
04/30/2011	16:21:00	436	8.0	12.79	134.2	Start Mixing Lead Slurry		
04/30/2011	16:21:01	436	8.0	12.79	134.3	End Scavenger Slurry		
04/30/2011	16:21:19	442	8.0	12.78	136.7			
04/30/2011	16:22:59	423	8.0	12.79	150.0			
04/30/2011	16:24:39	435	8.0	12.85	163.4			
04/30/2011	16:26:19	435	8.0	12.79	176.7			
04/30/2011	16:27:59	430	8.0	12.75	190.1			
04/30/2011	16:29:39	421	8.0	12.50	203.4			
04/30/2011	16:31:19	422	8.0	12.67	216.8			
04/30/2011	16:32:59	204	5.2	12.63	227.5			
04/30/2011	16:34:39	416	8.0	12.60	240.0			
04/30/2011	16:36:19	443	8.0	12.83	253.2			
04/30/2011	16:37:59	435	8.1	12.85	266.6			
04/30/2011	16:39:09	434	8.0	12.87	276.0	Good returns		
04/30/2011	16:39:39	429	8.1	12.88	280.0			
04/30/2011	16:41:19	444	8.0	12.85	293.4			
04/30/2011	16:42:20	471	8.1	12.80	301.6	End Lead Slurry		
04/30/2011	16:42:59	479	8.1	12.64	306.9			
04/30/2011	16:44:39	4	0.0	13.61	312.2			
04/30/2011	16:46:19	17	0.0	13.65	312.2			
04/30/2011	16:47:29	31	1.8	10.08	312.8	Reset Total, Vol = 312.81 bbl		
04/30/2011	16:47:31	35	1.8	9.85	312.9	Drop Top Plug		
04/30/2011	16:47:32	35	1.8	9.62	312.9	Start Displacement		
04/30/2011	16:47:59	109	4.6	8.95	314.3			
04/30/2011	16:48:05	103	4.6	8.97	314.8	313 bbl water displacement		
04/30/2011	16:49:39	72	4.8	9.43	322.1			
04/30/2011	16:51:19	87	4.6	8.88	329.7			
04/30/2011	16:52:59	90	4.5	8.74	337.3			
04/30/2011	16:54:39	84	4.8	8.46	344.8			
04/30/2011	16:56:19	290	8.3	8.67	357.2			
04/30/2011	16:57:59	289	8.2	8.67	370.9			
04/30/2011	16:59:39	283	8.2	8.67	384.7			
04/30/2011	17:01:19	289	8.2	8.67	398.4			
04/30/2011	17:02:59	295	8.3	8.67	412.2			
04/30/2011	17:04:39	286	8.3	8.67	426.0			
04/30/2011	17:06:19	279	8.2	8.67	439.7			
04/30/2011	17:07:59	81	4.2	8.67	451.5			
04/30/2011	17:09:39	-21	0.0	-0.02	459.7			
04/30/2011	17:11:19	86	4.3	8.62	468.3			
04/30/2011	17:12:59	98	4.3	8.66	475.4			
04/30/2011	17:14:39	341	8.2	8.67	483.1			
04/30/2011	17:16:19	368	7.9	8.67	496.6			
04/30/2011	17:17:59	430	7.9	8.67	509.9			
04/30/2011	17:19:39	480	7.9	8.67	523.1			
04/30/2011	17:21:19	507	7.5	8.67	536.1			
04/30/2011	17:22:59	555	7.5	8.67	548.5			
04/30/2011	17:24:39	605	7.5	8.67	561.0			
04/30/2011	17:26:19	550	7.0	8.67	573.5			
04/30/2011	17:27:59	587	6.0	8.67	583.4			
04/30/2011	17:29:39	638	6.0	8.67	593.4			

Well RGU 441-25-198			Field Ryan Gulch		Job Start Apr/30/2011	Customer Williams		Job Number BAD4-00653
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
04/30/2011	17:32:59	631	4.1	8.67	610.3			
04/30/2011	17:34:39	664	4.1	8.67	617.1			
04/30/2011	17:36:19	688	4.1	8.67	623.9			
04/30/2011	17:37:59	664	2.3	8.67	630.2			
04/30/2011	17:39:39	661	2.3	8.67	633.9			
04/30/2011	17:41:19	693	2.3	8.67	637.7			
04/30/2011	17:42:59	1177	0.0	8.67	641.0			
04/30/2011	17:43:34	1164	0.0	8.68	641.0	Bump Top Plug		
04/30/2011	17:43:35	1164	0.0	8.67	641.0	End Displacement		
04/30/2011	17:43:36	1162	0.0	8.68	641.0	313 bbl Displacement		
04/30/2011	17:43:37	1156	0.0	8.68	641.0	Bump pressure 1160 psi		
04/30/2011	17:44:39	735	0.0	8.68	641.0			
04/30/2011	17:46:11	-5	0.0	8.68	641.3	Float held		
04/30/2011	17:46:19	-5	0.0	8.67	641.3			
04/30/2011	17:47:59	-3	0.0	8.68	641.3			
04/30/2011	17:49:39	-3	0.0	8.68	641.3			
04/30/2011	17:51:19	-2	0.0	8.68	641.3			
04/30/2011	17:52:59	-1	0.0	8.68	641.3			
04/30/2011	17:54:39	1	0.0	8.68	641.3			
04/30/2011	17:56:19	1	0.0	8.68	641.3			
04/30/2011	17:57:59	1	0.0	8.68	641.3			
04/30/2011	17:59:39	1	0.0	8.68	641.3			
04/30/2011	18:01:19	131	0.2	8.68	641.8			
04/30/2011	18:02:29	182	0.5	8.68	642.2	Opened DV tool		
04/30/2011	18:02:30	182	0.5	8.68	642.2	Circulate 10 bbls water		
04/30/2011	18:02:59	269	4.9	8.67	643.4			
04/30/2011	18:04:39	291	4.9	8.68	651.5			
04/30/2011	18:06:19	3	0.0	8.68	652.2			
04/30/2011	21:59:39	-1	0.0	8.40	652.2			
04/30/2011	22:01:19	-1	0.0	8.39	652.2			
04/30/2011	22:02:59	-1	0.0	8.39	652.2			
04/30/2011	22:04:39	-2	0.0	8.39	652.2			
04/30/2011	22:06:19	-2	0.0	8.39	652.2			
04/30/2011	22:07:59	45	1.5	8.39	652.3			
04/30/2011	22:09:39	24	0.0	8.40	655.3			
04/30/2011	22:10:29	1097	0.2	8.40	655.3	Pressure Test Lines		
04/30/2011	22:10:30	1097	0.1	8.40	655.3	500 psi Pressure Test		
04/30/2011	22:11:19	2174	0.0	8.40	655.3			
04/30/2011	22:11:59	4055	0.0	8.40	655.3	Pressure Test Lines		
04/30/2011	22:12:00	4055	0.0	8.40	655.3	Pressure test = good		
04/30/2011	22:12:59	10	0.0	8.40	655.3			
04/30/2011	22:14:01	62	2.5	8.40	656.5	Start Pumping Water		
04/30/2011	22:14:02	62	2.5	8.40	656.5	40 bbls water ahead		
04/30/2011	22:14:39	160	5.0	8.40	658.5			
04/30/2011	22:16:19	163	5.0	8.40	666.8			
04/30/2011	22:17:59	231	6.4	8.40	676.9			
04/30/2011	22:19:39	155	4.5	8.40	687.5			
04/30/2011	22:21:04	150	3.5	8.40	692.4	End Water		
04/30/2011	22:21:13	196	4.1	11.36	693.0	Reset Total, Vol = 380.18 bbl		
04/30/2011	22:21:19	184	5.0	12.59	693.5			
04/30/2011	22:22:22	256	5.1	12.85	698.8	Start Mixing Tail Slurry		
04/30/2011	22:22:24	276	5.1	12.84	699.0	378 bbls Tail Slurry		
04/30/2011	22:22:25	265	5.1	12.84	699.0	Tail @ 12.8 ppg		
04/30/2011	22:22:59	249	5.0	12.88	701.9			

Well RGU 441-25-198			Field Ryan Gulch		Job Start Apr/30/2011	Customer Williams	Job Number BAD4-00653
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/30/2011	22:25:22	470	8.0	12.80	717.8	Good Returns	
04/30/2011	22:26:19	448	8.0	12.78	725.4		
04/30/2011	22:27:59	438	8.0	12.81	738.3		
04/30/2011	22:29:39	462	8.0	12.86	751.6		
04/30/2011	22:31:19	501	8.0	12.86	764.8		
04/30/2011	22:32:59	452	8.0	12.89	778.2		
04/30/2011	22:34:39	462	8.0	12.91	791.5		
04/30/2011	22:36:19	447	8.0	12.89	804.8		
04/30/2011	22:37:59	446	8.0	12.84	818.1		
04/30/2011	22:39:39	433	8.0	12.81	831.5		
04/30/2011	22:41:19	462	8.0	12.82	844.8		
04/30/2011	22:42:59	486	8.0	12.88	858.1		
04/30/2011	22:44:39	490	8.0	12.87	871.4		
04/30/2011	22:46:19	352	6.6	12.84	882.8		
04/30/2011	22:47:59	337	6.5	12.80	893.7		
04/30/2011	22:49:39	343	6.5	12.79	904.6		
04/30/2011	22:51:19	336	6.5	12.84	915.5		
04/30/2011	22:52:59	360	6.5	12.84	926.3		
04/30/2011	22:54:39	486	8.0	12.87	939.2		
04/30/2011	22:56:19	489	8.0	12.85	952.5		
04/30/2011	22:57:59	473	8.0	12.84	965.8		
04/30/2011	22:59:39	498	8.0	12.79	979.1		
04/30/2011	23:01:19	489	8.0	12.83	992.4		
04/30/2011	23:02:59	475	8.0	12.82	1005.7		
04/30/2011	23:04:39	482	8.0	12.79	1019.0		
04/30/2011	23:06:19	498	8.0	12.76	1032.3		
04/30/2011	23:07:59	506	8.0	12.78	1045.6		
04/30/2011	23:09:39	498	8.0	12.81	1058.9		
04/30/2011	23:10:18	532	8.0	12.78	1064.1	End Tail Slurry	
04/30/2011	23:11:19	551	8.0	12.76	1072.2		
04/30/2011	23:12:59	12	0.0	12.88	1073.2		
04/30/2011	23:14:39	16	0.0	12.80	1073.2		
04/30/2011	23:16:19	14	0.0	12.66	1073.2		
04/30/2011	23:17:59	13	0.0	12.55	1073.3		
04/30/2011	23:19:39	13	0.0	12.54	1073.3		
04/30/2011	23:21:17	137	3.6	9.03	1075.7	Reset Total, Vol = 382.73 bbl	
04/30/2011	23:21:19	148	3.6	9.01	1075.8	Drop Top Plug	
04/30/2011	23:21:20	148	3.6	9.00	1075.9	Start Displacement	
04/30/2011	23:21:22	152	3.6	9.00	1076.0	144 bbl displacement	
04/30/2011	23:22:59	292	6.5	8.70	1084.6		
04/30/2011	23:24:39	195	3.9	8.44	1094.6		
04/30/2011	23:26:19	199	3.5	8.44	1100.5		
04/30/2011	23:27:59	195	3.5	8.41	1106.3		
04/30/2011	23:29:39	273	3.5	8.40	1112.1		
04/30/2011	23:31:19	229	3.5	8.40	1118.0		
04/30/2011	23:32:59	260	3.5	8.39	1123.8		
04/30/2011	23:34:39	285	3.5	8.39	1129.6		
04/30/2011	23:36:19	283	3.5	8.36	1135.4		
04/30/2011	23:37:59	295	3.5	8.29	1141.2		
04/30/2011	23:39:39	308	3.5	8.39	1147.1		
04/30/2011	23:41:19	317	3.5	8.39	1152.9		
04/30/2011	23:42:59	355	3.4	8.39	1158.6		
04/30/2011	23:44:39	360	3.5	8.40	1164.3		
04/30/2011	23:46:19	385	3.5	8.40	1170.1		

Well RGU 441-25-198			Field Ryan Gulch		Job Start Apr/30/2011	Customer Williams		Job Number BAD4-00653
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
04/30/2011	23:49:39	417	3.5	8.40	1181.6			
04/30/2011	23:51:19	459	3.5	8.40	1187.4			
04/30/2011	23:52:59	425	3.5	8.40	1193.2			
04/30/2011	23:54:39	429	3.5	8.40	1198.9			
04/30/2011	23:56:19	506	3.4	8.40	1204.7			
04/30/2011	23:57:59	518	3.5	8.40	1210.4			
04/30/2011	23:59:39	432	2.0	8.40	1214.9			
05/01/2011	00:01:19	484	2.0	8.40	1218.2			
05/01/2011	00:02:59	482	2.0	8.40	1221.5			
05/01/2011	00:04:39	492	2.0	8.40	1224.7			
05/01/2011	00:06:19	1483	0.0	8.40	1227.6			
05/01/2011	00:07:59	1493	0.0	8.40	1227.6			
05/01/2011	00:08:00	1492	0.0	8.40	1227.6	Bump Top Plug		
05/01/2011	00:08:01	1493	0.0	8.40	1227.6	End Displacement		
05/01/2011	00:08:04	1492	0.0	8.40	1227.6	144 bbl displacement		
05/01/2011	00:08:51	23	0.0	8.40	1227.6	Floats held		
05/01/2011	00:09:39	-1	0.0	8.40	1227.6			
05/01/2011	04:46:19	-3	0.0	8.40	1227.6			
05/01/2011	04:47:59	-3	0.0	8.40	1227.6			
05/01/2011	04:49:39	-3	0.0	8.40	1227.6			
05/01/2011	04:51:19	-6	0.0	8.40	1227.6			
05/01/2011	04:52:59	-5	0.0	8.41	1227.6			
05/01/2011	04:54:39	5	0.7	8.40	1228.1			
05/01/2011	04:56:19	-5	0.0	8.40	1228.1			
05/01/2011	04:57:59	-5	0.0	8.40	1228.1			
05/01/2011	04:59:39	39	2.2	10.76	1229.1			
05/01/2011	05:01:19	47	1.4	14.68	1232.1			
05/01/2011	05:02:59	86	2.2	14.53	1234.9			
05/01/2011	05:04:39	83	2.3	14.41	1238.7			
05/01/2011	05:06:19	84	2.3	14.72	1242.5			
05/01/2011	05:07:59	-0	0.0	14.52	1245.0			
05/01/2011	05:09:39	76	1.9	13.53	1246.5			
05/01/2011	05:11:19	108	2.9	11.24	1250.2			
05/01/2011	05:12:59	-1	0.0	10.56	1251.2			
05/01/2011	05:14:39	52	2.3	9.80	1253.3			
05/01/2011	05:16:19	69	2.7	8.83	1257.4			
05/01/2011	05:17:59	92	3.6	8.49	1263.1			
05/01/2011	05:19:39	91	3.5	8.42	1268.9			
05/01/2011	05:21:19	77	3.5	8.40	1274.8			
05/01/2011	05:22:59	144	0.0	8.40	1277.9			
05/01/2011	05:24:39	-5	0.0	8.40	1277.9			
05/01/2011	05:25:00	-4	0.0	8.40	1277.9	17 bbls cement pumped to top off		
05/01/2011	05:26:19	-0	0.0	8.40	1277.9			
05/01/2011	05:27:59	-1	0.0	8.40	1277.9			
05/01/2011	05:29:39	-1	0.0	8.40	1277.9			

Well RGU 441-25-198	Field Ryan Gulch	Job Start Apr/30/2011	Customer Williams	Job Number BAD4-00653
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.2	N2	Mud	Maximum Rate 8.0	Total Slurry 660.0	Mud 0.0	Spacer 80.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4103	Final -1	Average 354	Bump Plug to 1250	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 643.0 bbl	Displacement 458.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 144.0 bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Andrew Bunk			Schlumberger Supervisor Ryan Bowditch		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
				-	-			