

08/26/2011 10:42:27

# Cementing Service Report

					Customer Williams			Job Number BUS5-00028			
Well RGU 413-35-198			Location (legal)			Schlumberger Location Grand Junction, CO			Job Start Aug/26/2011		
Field Ryan Gulch Unit		Formation Name/Type Shale			Deviation deg		Bit Size 14.8 in		Well MD 3890.0 ft		
County Rio Blanco		State/Province Colorado			BHP psi		BHST 121 degF		BHCT 89 degF		
Well Master 0631308290		API/UWI							Pore Press. Gradient lb/gal		
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		80.0		20.0		94.0	
						3890.0		9.6		36.0	
										J-55	
										8RD	
Drilling Fluid Type		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 9 5/8" 2-Stage Casing									
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press 500 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 139.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 301.5 bbl		Annular Vol. 254.0 bbl	
										Openhole Vol. 657.0 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 400 psi						Shoe Type Guide			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 3890.0 ft			Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type DV			Tool Depth ft		
Cement Head Type Single						Stage Tool Depth 1797.0 ft			Tail Pipe Size in		
Job Scheduled For Aug/26/2011		Arrived on Location Aug/26/2011		Leave Location Aug/26/2011		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 3856.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message				
08/26/2011	07:00:16	-1	0.0	8.39	0.0	0	Started Acquisition				
08/26/2011	07:00:18	-1	0.0	8.39	0.0	0	Held Safety Meeting				
08/26/2011	07:00:19	-1	0.0	8.39	0.0	0	Rig up per Standard				
08/26/2011	07:01:56	-1	0.0	8.39	0.0	0					
08/26/2011	07:03:36	80	0.3	8.39	2.8	0					
08/26/2011	07:03:45	1636	0.0	8.39	2.8	0	Pressure Test Lines				
08/26/2011	07:03:47	1617	0.0	8.39	2.8	0	1000 psi Pressure Test				
08/26/2011	07:04:58	1508	0.0	8.39	2.8	0	Pressure Test = Good				
08/26/2011	07:05:16	2316	0.0	8.39	2.8	0					
08/26/2011	07:05:26	3406	0.0	8.39	2.8	0	Pressure Test Lines				
08/26/2011	07:05:28	3400	0.0	8.39	2.8	0	3000 psi Pressure Test				
08/26/2011	07:05:51	3365	0.0	8.39	2.8	0	Pressure Test = Good				
08/26/2011	07:06:56	3013	0.0	8.39	2.8	0					
08/26/2011	07:07:58	10	0.1	8.39	2.9	0	Start Pumping Water				
08/26/2011	07:08:04	10	0.1	8.39	2.9	0	40 bbls Water Ahead				
08/26/2011	07:08:36	61	2.9	8.39	4.1	0					
08/26/2011	07:10:16	140	5.0	8.39	10.7	0					
08/26/2011	07:11:56	136	5.0	8.39	19.0	0					
08/26/2011	07:13:36	140	5.0	8.39	27.3	0					
08/26/2011	07:15:16	150	5.0	8.39	35.5	0					
08/26/2011	07:16:00	161	5.0	8.39	39.2	0	End Water				

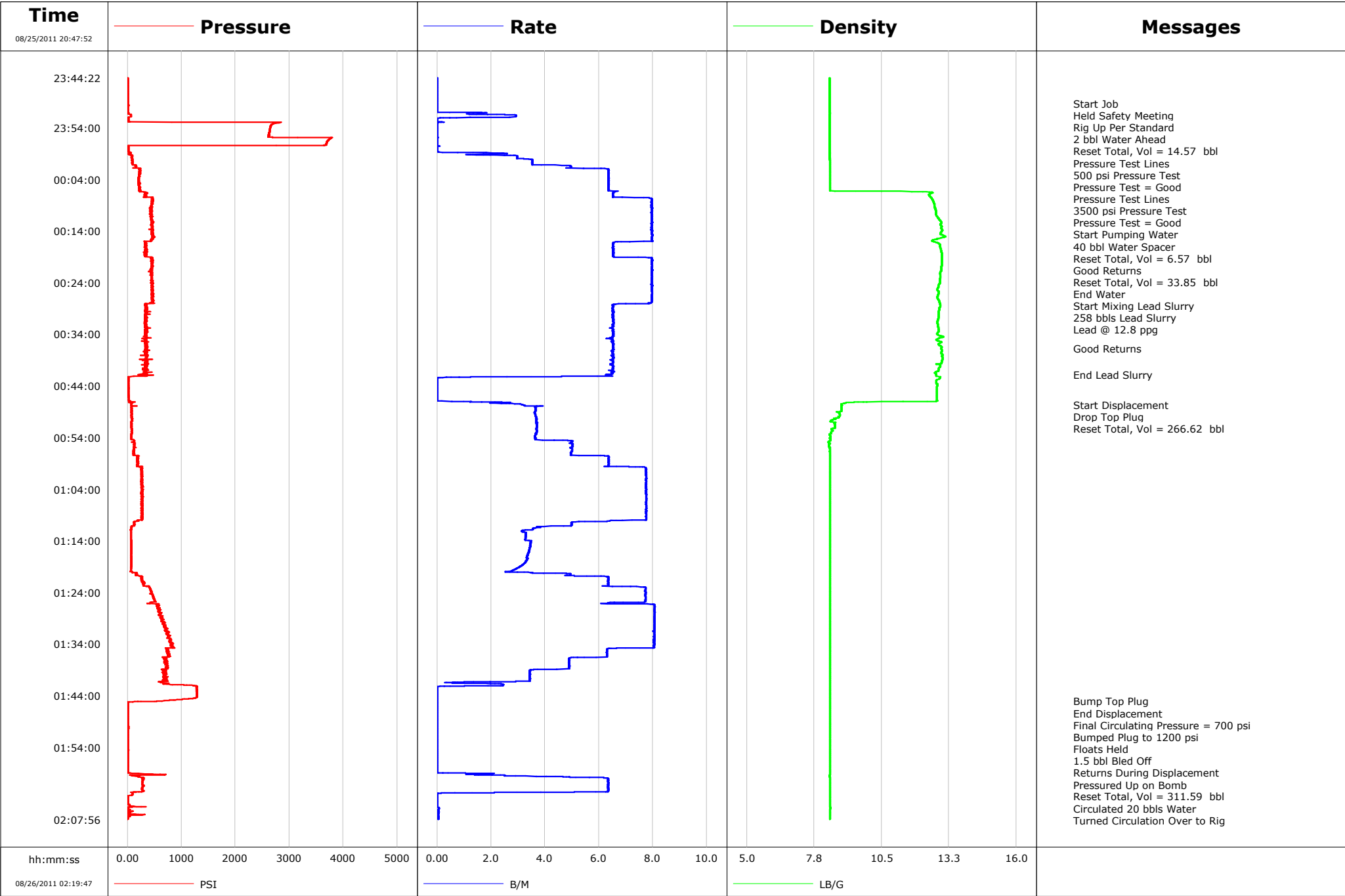
Well RGU 413-35-198			Field Ryan Gulch Unit		Job Start Aug/26/2011		Customer Williams	Job Number BUS5-00028
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/26/2011	07:17:44	248	5.1	12.64	47.5	21	Start Mixing Lead Slurry	
08/26/2011	07:17:45	248	5.1	12.64	47.6	21	368 bbls Cement	
08/26/2011	07:17:46	257	5.1	12.64	47.7	21	Cement Slurry @ 12.8 ppg	
08/26/2011	07:18:27	196	5.0	12.65	51.2	23	Reset Total, Vol = 51.30 bbl	
08/26/2011	07:18:36	342	6.8	12.65	52.1	23		
08/26/2011	07:20:16	318	6.2	12.89	62.3	31		
08/26/2011	07:21:56	304	5.9	12.95	72.8	33		
08/26/2011	07:23:36	294	5.9	12.83	82.6	34		
08/26/2011	07:24:30	290	5.9	12.70	87.9	33	Good Returns	
08/26/2011	07:25:16	300	5.9	12.75	92.4	34		
08/26/2011	07:26:56	313	5.9	12.98	102.2	36		
08/26/2011	07:28:36	294	5.9	12.66	112.0	37		
08/26/2011	07:30:16	283	5.9	12.58	121.8	36		
08/26/2011	07:31:56	67	2.7	13.94	127.4	37		
08/26/2011	07:33:36	67	2.6	14.19	131.7	37		
08/26/2011	07:35:16	293	5.8	13.04	138.1	27		
08/26/2011	07:36:56	289	5.8	12.72	147.9	39		
08/26/2011	07:38:36	288	5.8	12.71	157.6	36		
08/26/2011	07:40:16	287	5.8	12.87	167.3	36		
08/26/2011	07:41:56	273	5.8	12.80	177.0	31		
08/26/2011	07:43:36	290	5.8	12.66	186.8	33		
08/26/2011	07:45:16	284	5.8	12.93	196.5	37		
08/26/2011	07:46:56	291	5.8	12.77	206.2	38		
08/26/2011	07:48:36	289	5.8	12.72	215.9	37		
08/26/2011	07:50:16	282	5.9	12.69	225.7	37		
08/26/2011	07:51:56	290	5.8	12.87	235.4	38		
08/26/2011	07:53:36	287	5.8	12.74	245.1	38		
08/26/2011	07:55:16	280	5.9	12.67	254.9	36		
08/26/2011	07:56:56	307	5.8	12.83	264.6	38		
08/26/2011	07:58:36	286	5.8	12.77	274.4	35		
08/26/2011	08:00:16	294	5.8	12.83	284.1	42		
08/26/2011	08:01:56	285	5.9	12.86	293.9	38		
08/26/2011	08:03:36	278	5.9	12.84	303.6	37		
08/26/2011	08:05:16	282	5.9	12.83	313.4	37		
08/26/2011	08:06:56	268	5.9	12.71	323.1	36		
08/26/2011	08:08:36	277	5.9	12.83	332.9	37		
08/26/2011	08:10:16	290	5.9	12.87	342.7	37		
08/26/2011	08:11:56	274	5.9	12.93	352.5	38		
08/26/2011	08:13:36	276	5.9	12.84	362.2	36		
08/26/2011	08:15:16	277	5.9	12.76	372.0	38		
08/26/2011	08:16:56	275	5.9	12.79	381.8	39		
08/26/2011	08:18:36	276	5.9	12.82	391.6	35		
08/26/2011	08:20:16	288	5.8	12.92	401.3	38		
08/26/2011	08:20:30	287	5.9	12.95	402.7	38	End Lead Slurry	
08/26/2011	08:21:56	283	5.8	13.17	411.1	54		
08/26/2011	08:23:36	14	0.0	12.81	413.2	0		
08/26/2011	08:25:16	13	0.0	9.83	413.3	0		
08/26/2011	08:26:56	60	3.0	9.04	416.3	6		
08/26/2011	08:27:34	59	3.1	9.05	418.2	6	Reset Total, Vol = 366.94 bbl	
08/26/2011	08:27:37	58	3.1	9.05	418.3	6	Drop Top Plug	
08/26/2011	08:27:38	59	3.1	9.05	418.4	6	Start Displacement	
08/26/2011	08:27:45	85	4.1	9.05	418.8	7	Dropped Plug in Cap/Bowl	
08/26/2011	08:27:46	85	3.9	9.05	418.9	6	139 bbl Displacement	
08/26/2011	08:28:36	121	5.0	9.01	422.7	6		

Well			Field		Job Start	Customer	Job Number
RGU 413-35-198			Ryan Gulch Unit		Aug/26/2011	Williams	BUS5-00028
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message
08/26/2011	08:31:56	208	6.7	8.41	444.8	15	
08/26/2011	08:33:36	198	6.7	8.36	455.9	11	
08/26/2011	08:35:16	216	6.7	8.39	467.1	3	
08/26/2011	08:36:56	219	6.7	8.39	478.2	5	
08/26/2011	08:38:36	227	6.7	8.34	489.3	0	
08/26/2011	08:40:16	218	5.7	8.39	499.1	0	
08/26/2011	08:41:56	378	7.7	8.39	510.9	0	
08/26/2011	08:43:36	409	7.7	8.39	523.7	0	
08/26/2011	08:45:16	447	7.7	8.39	536.5	0	
08/26/2011	08:46:56	366	5.6	8.39	547.9	0	
08/26/2011	08:48:36	282	2.5	8.39	556.4	0	
08/26/2011	08:50:16	1306	0.9	8.39	560.4	0	
08/26/2011	08:51:56	1339	0.0	8.39	560.5	0	
08/26/2011	08:51:57	1339	0.0	8.39	560.5	0	Bump Top Plug
08/26/2011	08:51:59	1339	0.0	8.39	560.5	0	End Displacement
08/26/2011	08:52:06	1339	0.0	8.39	560.5	0	Final Circulating Pressure = 400 psi
08/26/2011	08:52:07	1339	0.0	8.39	560.5	0	No Cement to Surface
08/26/2011	08:53:36	782	0.0	8.39	560.5	0	
08/26/2011	08:54:44	3	0.0	8.39	560.5	0	DV Tool Held

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.5	N2	Mud	Maximum Rate 7.8	Total Slurry 368.0	Mud 0.0	Spacer 40.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3418	Final 3	Average 340	Bump Plug to 1350	Breakdown	Type	Volume bbl	Density lb/gal			
Avg. N2 Percent %		Designed Slurry Volume 368.0 bbl		Displacement 139.0 bbl		Mix Water Temp 72 degF				
						Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
						Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Joe Honeycutt			Schlumberger Supervisor Ryan Bowditch			Circulation Lost <input checked="" type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			
						-	-			

<b>Well</b>	RGU 413-35-198	<b>Client</b>	Williams
<b>Field</b>	Ryan Gulch Unit	<b>SIR No.</b>	BUS5-00028
<b>Engineer</b>	Ryan Bowditch	<b>Job Type</b>	9 5/8" 2-Stage Surface
<b>Country</b>	United States	<b>Job Date</b>	08-26-2011



# Cementing Service Report

					Customer Williams			Job Number BUS5-00028			
Well RGU 413-35-198			Location (legal)			Schlumberger Location Grand Junction, CO			Job Start Aug/26/2011		
Field Ryan Gulch Unit		Formation Name/Type Shale			Deviation deg		Bit Size 13.5 in		Well MD 3890.0 ft		
County Rio Blanco		State/Province Colorado			BHP psi		BHST 121 degF		BHCT 89 degF		
Well Master 0631308290		API/UWI							Pore Press. Gradient lb/gal		
Rig Name Cyclone 29		Drilled For Gas		Service Via Land		Casing/Liner					
						Depth, ft		Size, in		Weight, lb/ft	
						80.0		20.0		94.0	
Offshore Zone		Well Class New		Well Type Development		3890.0		9.6		36.0	
										J-55	
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type 9 5/8" 2-Stage Surface									
Max. Allowed Tub. Press 3000 psi		Max. Allowed Ann. Press 500 psi		WH Connection Single Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						ft		ft			
						ft		ft			
						ft		ft			
						Treat Down Casing		Displacement 298.9 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 301.5 bbl		Annular Vol. 254.0 bbl	
										Openhole Vol. 657.0 bbl	
Service Instructions Cement 9 5/8" First Stage Casing with: 40 bbls Water 258 bbls 12.8 ppq Tail (843 sks) Displace 299 bbls Water DV Tool @ 1797'  Cement 9 5/8" Second Stage Casigh with: 40 bbls Water 368 bbls 12.8 ppq Tail (1202 sks) Displace 139 bbls Water											
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job		
Lift Pressure 700 psi						Shoe Type Guide			Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 3890.0 ft			Tool Type		
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type DV			Tool Depth ft		
Cement Head Type Single						Stage Tool Depth 1797.0 ft			Tail Pipe Size in		
Job Scheduled For Aug/26/2011		Arrived on Location Aug/26/2011		Leave Location Aug/26/2011		Collar Type Float			Tail Pipe Depth ft		
						Collar Depth 3856.0 ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message				
08/25/2011	23:43:27	4	0.0	8.38	14.6	0.0	Started Acquisition				
08/25/2011	23:45:07	4	0.0	8.38	14.6	0.0					
08/25/2011	23:46:47	4	0.0	8.38	14.6	0.0					
08/25/2011	23:48:27	4	0.0	8.38	14.6	0.0					
08/25/2011	23:49:21	4	0.0	8.38	14.6	0.0	Start Job				
08/25/2011	23:49:22	4	0.0	8.38	14.6	0.0	Rig Up Per Standard				
08/25/2011	23:50:07	4	0.0	8.38	14.6	0.0					
08/25/2011	23:51:02	7	0.5	8.38	14.6	0.0	Reset Total, Vol = 14.57 bbl				
08/25/2011	23:51:47	63	2.9	8.38	16.1	0.0					
08/25/2011	23:53:27	2664	0.0	8.38	16.9	0.0					
08/25/2011	23:54:13	2639	0.0	8.38	16.9	0.0	Pressure Test Lines				
08/25/2011	23:54:15	2638	0.0	8.38	16.9	0.0	500 psi Pressure Test				
08/25/2011	23:55:07	2620	0.0	8.38	16.9	0.0					
08/25/2011	23:56:04	3766	0.0	8.38	16.9	0.0	Pressure Test Lines				
08/25/2011	23:56:05	3765	0.0	8.38	16.9	0.0	3500 psi Pressure Test				
08/25/2011	23:56:06	3765	0.0	8.38	16.9	0.0	Pressure Test = Good				
08/25/2011	23:56:30	3720	0.0	8.38	16.9	0.0	Start Pumping Water				
08/25/2011	23:56:31	3719	0.0	8.38	16.9	0.0	40 bbl Water Spacer				
08/25/2011	23:56:47	3692	0.0	8.38	16.9	0.0					
08/25/2011	23:58:27	11	0.0	8.38	16.9	0.0					
08/26/2011	00:00:07	87	3.4	8.38	20.1	0.0					

Well RGU 413-35-198			Field Ryan Gulch Unit		Job Start Aug/26/2011		Customer Williams	Job Number BUS5-00028
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/26/2011	00:01:47	147	5.0	8.39	5.7	0.0		
08/26/2011	00:03:27	204	6.3	8.39	16.1	0.0		
08/26/2011	00:05:07	201	6.3	8.39	26.7	0.0		
08/26/2011	00:05:12	212	6.3	8.39	27.2	0.0	Good Returns	
08/26/2011	00:06:14	238	6.3	8.39	33.7	0.0	Reset Total, Vol = 33.85 bbl	
08/26/2011	00:06:31	334	6.5	12.57	35.6	0.0	End Water	
08/26/2011	00:06:47	336	6.5	12.47	37.3	0.0		
08/26/2011	00:08:24	447	7.9	12.61	49.1	0.0	Start Mixing Lead Slurry	
08/26/2011	00:08:27	453	7.9	12.62	49.5	0.0		
08/26/2011	00:08:28	456	7.9	12.62	49.6	0.0	258 bbls Lead Slurry	
08/26/2011	00:08:31	452	8.0	12.63	50.0	0.0	Lead @ 12.8 ppg	
08/26/2011	00:10:07	411	8.0	12.70	62.8	0.0		
08/26/2011	00:11:47	455	8.0	12.85	76.0	0.0		
08/26/2011	00:13:27	456	8.0	12.92	89.3	0.0		
08/26/2011	00:15:07	501	8.0	13.09	102.5	0.0		
08/26/2011	00:16:47	331	6.5	12.87	114.8	0.0		
08/26/2011	00:18:27	350	6.5	12.95	125.7	0.0		
08/26/2011	00:20:07	450	8.0	12.95	138.0	0.0		
08/26/2011	00:21:47	446	8.0	12.92	151.3	0.0		
08/26/2011	00:23:27	456	8.0	12.87	164.5	0.0		
08/26/2011	00:25:07	452	8.0	12.79	177.8	0.0		
08/26/2011	00:26:47	488	8.0	12.77	191.1	0.0		
08/26/2011	00:28:27	342	6.5	12.90	203.9	0.0		
08/26/2011	00:30:07	330	6.5	12.83	214.7	0.0		
08/26/2011	00:31:47	330	6.5	12.78	225.6	0.0		
08/26/2011	00:33:27	329	6.5	12.83	236.4	0.0		
08/26/2011	00:35:07	346	6.5	12.73	247.3	0.0		
08/26/2011	00:36:40	341	6.5	12.92	257.4	0.0	Good Returns	
08/26/2011	00:36:47	361	6.5	12.92	258.1	0.0		
08/26/2011	00:38:27	332	6.5	12.97	269.0	0.0		
08/26/2011	00:40:07	336	6.5	12.88	279.8	0.0		
08/26/2011	00:41:47	370	6.3	12.73	290.6	0.0		
08/26/2011	00:41:53	375	6.3	12.72	291.3	0.0	End Lead Slurry	
08/26/2011	00:43:27	10	0.0	12.72	293.5	0.0		
08/26/2011	00:45:07	15	0.0	12.75	293.5	0.0		
08/26/2011	00:46:47	19	0.0	12.76	293.5	0.0		
08/26/2011	00:47:37	65	3.1	8.86	294.9	0.0	Start Displacement	
08/26/2011	00:47:53	84	3.7	8.87	295.8	0.0	Drop Top Plug	
08/26/2011	00:48:27	74	3.6	8.86	297.9	0.0		
08/26/2011	00:49:09	72	3.6	8.76	300.4	0.0	Reset Total, Vol = 266.62 bbl	
08/26/2011	00:50:07	75	3.7	8.77	303.9	0.0		
08/26/2011	00:51:47	70	3.7	8.60	310.1	0.0		
08/26/2011	00:53:27	70	3.6	8.37	316.2	0.0		
08/26/2011	00:55:07	124	4.9	8.39	323.1	0.0		
08/26/2011	00:56:47	112	5.0	8.39	331.4	0.0		
08/26/2011	00:58:27	181	6.4	8.39	341.0	0.0		
08/26/2011	01:00:07	256	7.7	8.39	352.2	0.0		
08/26/2011	01:01:47	260	7.8	8.39	365.1	0.0		
08/26/2011	01:03:27	268	7.7	8.39	378.0	0.0		
08/26/2011	01:05:07	274	7.8	8.39	390.9	0.0		
08/26/2011	01:06:47	270	7.7	8.39	403.8	0.0		
08/26/2011	01:08:27	276	7.7	8.39	416.7	0.0		
08/26/2011	01:10:07	195	6.4	8.39	429.5	0.0		
08/26/2011	01:11:47	70	3.5	8.39	437.3	0.0		

Well			Field		Job Start	Customer		Job Number
RGU 413-35-198			Ryan Gulch Unit		Aug/26/2011	Williams		BUS5-00028
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/26/2011	01:15:07	66	3.4	8.39	448.4	0.0		
08/26/2011	01:16:47	64	3.4	8.39	454.1	0.0		
08/26/2011	01:18:27	66	3.2	8.39	459.6	0.0		
08/26/2011	01:20:07	88	3.5	8.39	464.5	0.0		
08/26/2011	01:21:47	265	6.3	8.39	473.9	0.0		
08/26/2011	01:23:27	422	7.7	8.39	485.2	0.0		
08/26/2011	01:25:07	486	7.7	8.39	498.1	0.0		
08/26/2011	01:26:47	564	8.1	8.39	510.7	0.0		
08/26/2011	01:28:27	588	8.0	8.39	524.1	0.0		
08/26/2011	01:30:07	662	8.0	8.39	537.6	0.0		
08/26/2011	01:31:47	727	8.0	8.39	551.0	0.0		
08/26/2011	01:33:27	795	8.0	8.39	564.4	0.0		
08/26/2011	01:35:07	735	6.3	8.39	577.2	0.0		
08/26/2011	01:36:47	710	4.9	8.39	587.4	0.0		
08/26/2011	01:38:27	716	4.9	8.39	595.6	0.0		
08/26/2011	01:40:07	704	3.4	8.39	601.9	0.0		
08/26/2011	01:41:47	730	2.4	8.39	606.6	0.0		
08/26/2011	01:43:27	1282	0.0	8.39	607.4	0.0		
08/26/2011	01:45:00	627	0.0	8.39	607.4	0.0	Bump Top Plug	
08/26/2011	01:45:01	627	0.0	8.39	607.4	0.0	Final Circulating Pressure = 700 psi	
08/26/2011	01:45:02	595	0.0	8.39	607.4	0.0	Bumped Plug to 1200 psi	
08/26/2011	01:45:07	253	0.0	8.39	607.4	0.0		
08/26/2011	01:46:47	7	0.0	8.39	607.4	0.0		
08/26/2011	01:48:27	6	0.0	8.39	607.4	0.0		
08/26/2011	01:49:02	5	0.0	8.39	607.4	0.0	Floats Held	
08/26/2011	01:49:03	5	0.0	8.39	607.4	0.0	1.5 bbl Bled Off	
08/26/2011	01:49:04	5	0.0	8.39	607.4	0.0	Returns During Displacement	
08/26/2011	01:50:07	10	0.0	8.39	607.4	0.0		
08/26/2011	01:51:47	8	0.0	8.39	607.4	0.0		
08/26/2011	01:53:27	7	0.0	8.39	607.4	0.0		
08/26/2011	01:55:07	9	0.0	8.39	607.4	0.0		
08/26/2011	01:56:47	6	0.0	8.39	607.4	0.0		
08/26/2011	01:58:27	6	0.0	8.39	607.4	0.0		
08/26/2011	02:00:00	303	6.3	8.39	610.7	0.0	Pressured Up on Bomb	
08/26/2011	02:00:07	271	6.3	8.39	611.4	0.0		
08/26/2011	02:00:12	302	6.3	8.39	612.0	0.0	Reset Total, Vol = 311.59 bbl	
08/26/2011	02:01:47	272	6.3	8.39	622.0	0.0		
08/26/2011	02:03:59	6	0.0	8.39	628.0	0.0	Circulated 20 bbls Water	
08/26/2011	02:04:00	6	0.0	8.39	628.0	0.0	Turned Circulation Over to Rig	
08/26/2011	02:05:07	36	0.0	8.39	628.0	0.0		
08/26/2011	02:06:47	2	0.1	8.40	628.1	0.0		



<b>Well</b> RGU 413-35-198	<b>Field</b> Ryan Gulch Unit	<b>Job Start</b> Aug/26/2011	<b>Customer</b> Williams	<b>Job Number</b> BUS5-00028
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.0	N2		Mud	Maximum Rate 8.0	Total Slurry 258.0	Mud 0.0		Spacer 40.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3800	Final 0	Average 400	Bump Plug to 1200	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 258.0 bbl		Displacement 299.0 bbl		Mix Water Temp 70 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Joe Honeycutt				Schlumberger Supervisor Ryan Bowditch				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

Time	Pressure	Rate	Density	Messages
08/26/2011 19:25:51				
19:25:51				Start Job Start 2nd Top Out Start Pumping Tail Cement Cement @ 15.8 ppg
19:46:00				
20:06:00				End Tail Slurry 74 bbls Cement Pumped 360 sks of Cement
20:26:00				Stopped Acquisition
20:46:00				
21:06:00				
21:26:00				
21:46:00				
22:06:00				
22:26:00				
22:46:00				
23:06:00				Started Acquisition Start 3rd Top Out
23:26:00				Start Mixing Tail Slurry Cement @ 15.8 ppg
23:38:18				End Tail Slurry 14 bbls Tail Cement Pumped 68 sks Cement Pumped End Job
hh:mm:ss	0.00 1000 2000 3000 4000 5000	0.00 2.0 4.0 6.0 8.0 10.0	5.0 7.8 10.5 13.3 16.0	
08/26/2011 23:38:18	PSI	B/M	LB/G	

# Cementing Service Report

					Customer Williams			Job Number BUS5-00028		
Well RGU 413-25-198			Location (legal)			Schlumberger Location Grand Junction, CO			Job Start Aug/26/2011	
Field Ryan Gulch Unit		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft	
County Rio Blanco		State/Province Colorado			BHP psi		BHST degF		BHCT degF	
Well Master		API/UWI							Pore Press. Gradient lb/gal	
Rig Name		Drilled For		Service Via		Casing/Liner				
						Depth, ft		Size, in		Weight, lb/ft
										Grade
Offshore Zone		Well Class		Well Type						Thread
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe				
						T/D		Depth, ft		Size, in
										Weight, lb/ft
										Grade
Service Line Cementing		Job Type 9 5/8" 2-Stage Topout								Thread
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole				
						Top, ft		Bottom, ft		shot/ft
										No. of Shots
										Total Interval ft
										Diameter in
						Treat Down		Displacement bbl		Packer Type
										Packer Depth ft
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl
										Openhole Vol. 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			Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft			Tool Type	
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft	
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in	
Job Scheduled For Aug/26/2011		Arrived on Location Aug/26/2011		Leave Location Aug/26/2011		Collar Type			Tail Pipe Depth ft	
						Collar Depth ft			Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
08/26/2011	19:25:51	-91	0.0	8.38	2.2	0	Started Acquisition			
08/26/2011	19:27:00	-90	0.0	8.38	0.0	0	Start Job			
08/26/2011	19:27:01	-90	0.0	8.38	0.0	0	Start 2nd Top Out			
08/26/2011	19:27:31	-90	0.0	8.38	0.0	0				
08/26/2011	19:28:00	-57	2.5	14.81	0.2	55	Start Pumping Tail Cement			
08/26/2011	19:29:11	8	2.6	16.61	3.2	43				
08/26/2011	19:30:51	31	2.7	15.73	7.6	48				
08/26/2011	19:32:31	45	2.6	15.81	12.0	52				
08/26/2011	19:34:11	69	2.6	15.73	16.4	52				
08/26/2011	19:35:51	85	2.6	15.68	20.7	48				
08/26/2011	19:37:31	117	2.6	15.80	25.1	48				
08/26/2011	19:39:11	146	2.6	15.79	29.4	47				
08/26/2011	19:40:51	162	2.6	15.62	33.8	44				
08/26/2011	19:42:31	199	2.6	15.83	38.1	43				
08/26/2011	19:44:11	217	2.6	15.82	42.4	45				
08/26/2011	19:45:51	245	2.6	15.90	46.8	44				
08/26/2011	19:47:31	257	2.6	15.81	51.1	48				
08/26/2011	19:49:11	270	2.6	15.73	55.4	46				
08/26/2011	19:50:51	295	2.6	15.85	59.7	48				
08/26/2011	19:52:31	329	2.6	15.88	64.1	49				
08/26/2011	19:54:11	318	2.6	15.75	68.4	47				

Well			Field		Job Start	Customer		Job Number
RGU 413-25-198			Ryan Gulch Unit		Aug/26/2011	Williams		BUS5-00028
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/26/2011	19:57:31	-69	1.3	15.58	77.0	0		
08/26/2011	19:58:00	-83	0.0	15.59	77.0	0	End Tail Slurry	
08/26/2011	19:59:00	-52	1.3	8.45	77.8	0	74 bbls Cement Pumped	
08/26/2011	19:59:11	-52	1.3	8.43	78.0	0		
08/26/2011	20:00:51	-29	0.0	8.40	79.9	0		
08/26/2011	20:02:31	-89	0.0	8.40	79.9	0		
08/26/2011	20:05:51	-29	4.3	7.89	84.4	0		
08/26/2011	20:07:31	-32	4.0	8.13	91.2	0		
08/26/2011	20:09:11	-41	4.0	8.08	97.9	34		
08/26/2011	20:10:51	3	4.9	8.11	104.8	39		
08/26/2011	20:12:31	15	5.0	8.44	112.9	0		
08/26/2011	20:14:11	-79	0.0	8.38	115.2	0		
08/26/2011	23:10:02	-0	0.0	8.38	0.7	0	Cement @ 15.8 ppg	
08/26/2011	23:10:51	-1	0.7	9.46	0.8	0		
08/26/2011	23:12:31	82	2.8	15.89	4.1	48		
08/26/2011	23:14:11	84	2.7	15.92	8.6	51		
08/26/2011	23:15:51	-5	0.0	15.64	12.4	0		
08/26/2011	23:17:31	-5	0.0	15.67	12.4	0		
08/26/2011	23:19:11	-4	0.0	15.70	12.4	0		
08/26/2011	23:20:51	89	2.3	15.65	12.5	45		
08/26/2011	23:22:31	82	2.6	11.88	16.9	53		
08/26/2011	23:24:11	40	3.1	8.42	21.8	3		
08/26/2011	23:25:51	36	2.9	8.53	26.6	16		
08/26/2011	23:27:31	44	3.1	8.50	31.6	22		
08/26/2011	23:29:11	57	3.3	8.39	36.5	46		
08/26/2011	23:30:00	58	6.2	6.59	40.8	37	End Tail Slurry	
08/26/2011	23:30:51	96	5.0	8.38	45.3	0		
08/26/2011	23:32:31	157	6.3	8.38	53.2	0		
08/26/2011	23:34:11	158	0.0	8.39	59.1	0		
08/26/2011	23:35:51	5	0.0	8.39	59.1	0		
08/26/2011	23:37:31	6	0.0	8.39	59.1	0		

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.7	N2	Mud	Maximum Rate 6.4		Total Slurry 173.9	Mud 0.0	Spacer 0.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 338	Final 6	Average 100	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 0.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Joe Honeycutt			Schlumberger Supervisor Ryan Bowditch			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
						-		-