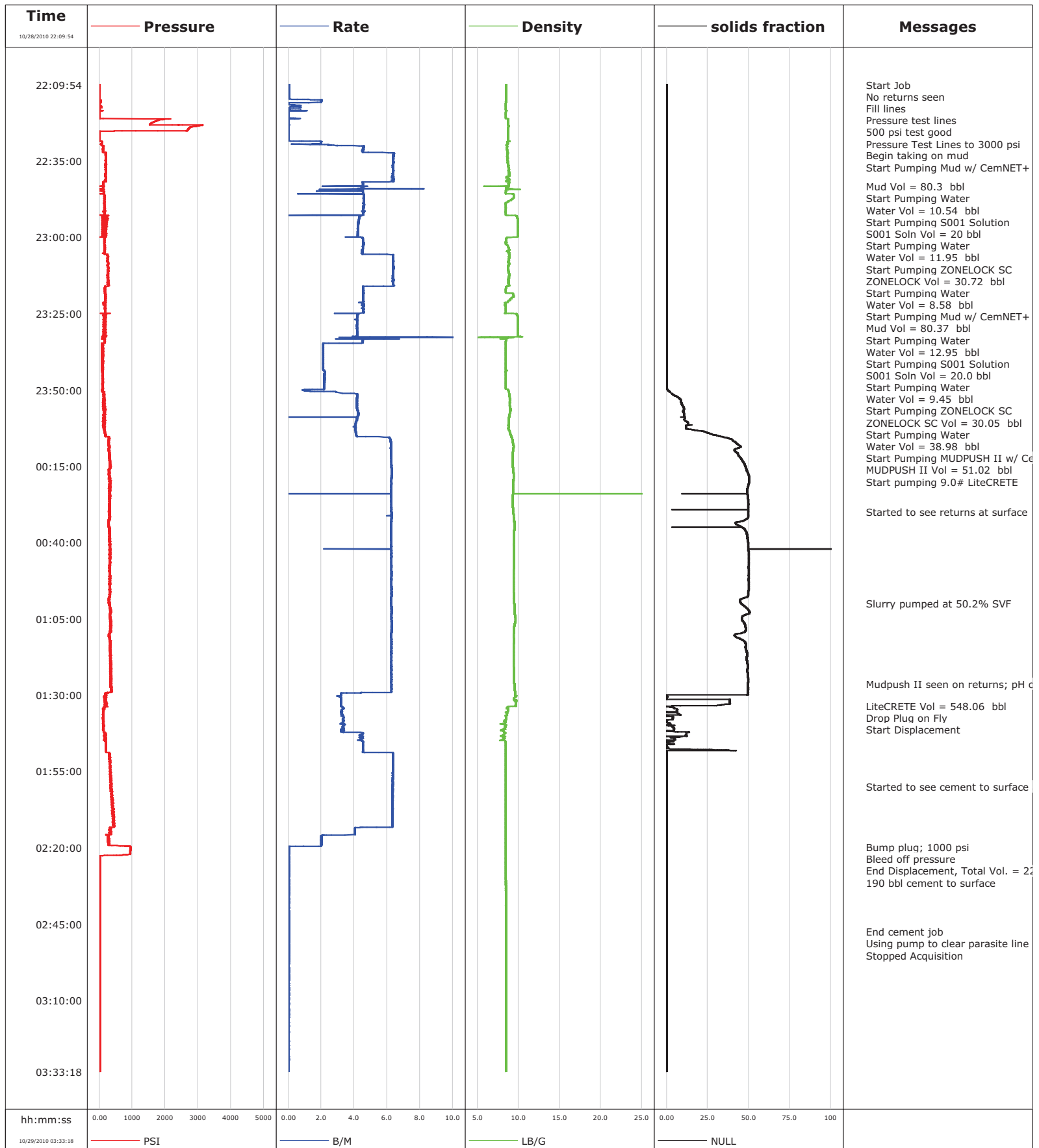


Well SGU 8508A-36
Field Story Gluch
Engineer Terry Borg
Country United States

Client Encana
SIR No. BAD4-00225
Job Type 9 5/8 Surface
Job Date 10-28-2010





Cementing Service Report

				Customer Encana			Job Number BAD4-00225			
Well SGU 8508A-36 B36 496			Location (legal) B36 496		Schlumberger Location GCO			Job Start Oct/28/2010		
Field Story Gluch		Formation Name/Type Shale		Deviation 0 deg	Bit Size 14.8 in		Well MD 3007.0 ft		Well TVD 3007.0 ft	
County Garfield		State/Province Colorado		BHP	BHST 115 degF	BHCT 95 degF	Pore Press. Gradient			
Well Master 0631208026		API/UWI								
Rig Name Pattreson 308	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	3007.0	9.630	36.0	J55	8RD			
			0.0	0.000	0.0					
Drilling Fluid Type Bentonite		Max. Density	Plastic Viscosity	Tubing/Drill Pipe						
				Depth,	Size,	Weight,	Grade	Thread		
Service Line Cementing	Job Type 9 5/8 Surface									
Max. Allowed Tubing Press 3000 psi	Max. Allowed Ann. Press 500 psi	WellHead Connection 9 5/8	Perforations/Open Hole							
			Top,	Bottom,		No. of Shots	Total Interval			
Service Instructions Cement 9 5/8" Surface Casing @ 3000ft w/ 50% Excess with: 80bbl CemNET Plus in mud 10bbl water 20bbl S001 solution 10bbl water 30bbl Zonelock 10bbl water 80bbl CemNET plus 10bbl water 20bbl S001 solution							Diameter			
			Treat Down Casing		Displacement 229.0 bbl		Packer Type		Packer Depth	
			Tubing Vol.		Casing Vol. 232.0 bbl		Annular Vol. 381.0 bbl		Openhole Vol. 631.0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Volume Circulated prior to Cement <input checked="" type="checkbox"/>	Casing Tools				Squeeze Job				
Lift Pressure 1484 psi			Shoe Type Guide			Squeeze Type				
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 3007.0 ft			Tool Type				
No. Centralizers 21		Top Plugs 1	Bottom Plugs	Stage Tool Type			Tool Depth			
Cement Head Type Single			Stage Tool Depth			Tail Pipe Size				
Job Scheduled For Oct/28/2010 13:00		Arrived on Location Oct/28/2010 16:30	Leave Location Oct/29/2010 04:00	Collar Type Diff-Fill			Tail Pipe Depth			
				Collar Depth 2955.0 ft			Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/28/2010	22:09:42					Started Acquisition				
10/28/2010	22:09:54	3	0.0	8.48	0.0					
10/28/2010	22:09:59					Start Job				
10/28/2010	22:09:59	2	0.0	8.48	0.0					
10/28/2010	22:10:06					No returns seen				
10/28/2010	22:10:06	3	0.0	8.48	0.0					
10/28/2010	22:13:02	-2	0.0	8.48	0.1					
10/28/2010	22:16:10					Fill lines				
10/28/2010	22:16:10	11	0.0	8.46	2.3					
10/28/2010	22:16:22	2	0.0	8.46	2.3					
10/28/2010	22:17:00					Pressure test lines				
10/28/2010	22:17:00	46	0.7	8.46	2.5					
10/28/2010	22:19:42	-3	0.0	8.44	3.2					
10/28/2010	22:20:57					500 psi test good				
10/28/2010	22:20:57	0	0.1	8.45	3.3					
10/28/2010	22:21:35					Pressure Test Lines to 3000 psi				
10/28/2010	22:21:35	1804	0.0	8.76	3.4					
10/28/2010	22:23:02	1536	0.0	8.75	3.4					
10/28/2010	22:26:22	8	0.0	8.75	3.5					
10/28/2010	22:27:26					Begin taking on mud				
10/28/2010	22:27:26	7	0.0	8.75	3.5					
10/28/2010	22:28:30					Start Pumping Mud w/ CemNET+				

Well			Field		Job Start		Customer		Job Number	
SGU 8508A-36 B36 496			Story Gluch		Oct/28/2010		Encana		BAD4-00225	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/28/2010	22:28:30	38	0.8	8.80	3.6					
10/28/2010	22:29:42	66	2.4	8.57	5.7					
10/28/2010	22:33:02	198	6.4	8.62	21.6					
10/28/2010	22:36:22	177	6.3	8.77	42.5					
10/28/2010	22:39:42	167	6.3	8.90	63.7					
10/28/2010	22:43:02	126	4.5	8.78	82.7					
10/28/2010	22:43:17					Mud Vol = 80.3 bbl				
10/28/2010	22:43:17	107	2.1	5.80	83.8					
10/28/2010	22:43:26					Start Pumping Water				
10/28/2010	22:43:26	128	4.4	8.80	84.4					
10/28/2010	22:45:40					Water Vol = 10.54 bbl				
10/28/2010	22:45:40	132	4.5	8.46	94.3					
10/28/2010	22:46:08					Start Pumping S001 Solution				
10/28/2010	22:46:08	143	4.6	9.39	96.2					
10/28/2010	22:46:22	161	4.6	9.38	97.3					
10/28/2010	22:49:42	158	4.6	8.46	112.5					
10/28/2010	22:51:05					S001 Soln Vol = 20 bbl				
10/28/2010	22:51:05	157	4.5	8.45	118.8					
10/28/2010	22:51:28					Start Pumping Water				
10/28/2010	22:51:28	191	4.6	8.43	120.6					
10/28/2010	22:52:43					Water Vol = 11.95 bbl				
10/28/2010	22:52:43	116	4.5	8.45	126.3					
10/28/2010	22:52:46					Start Pumping ZONELOCK SC				
10/28/2010	22:52:46	68	0.0	8.56	126.4					
10/28/2010	22:53:02	166	4.4	9.76	127.4					
10/28/2010	22:56:22	231	4.2	9.86	141.7					
10/28/2010	22:59:42	152	4.2	9.86	155.7					
10/28/2010	23:00:00					ZONELOCK Vol = 30.72 bbl				
10/28/2010	23:00:00	154	4.4	9.37	157.0					
10/28/2010	23:00:03					Start Pumping Water				
10/28/2010	23:00:03	147	4.4	8.91	157.2					
10/28/2010	23:01:54					Water Vol = 8.58 bbl				
10/28/2010	23:01:54	144	4.6	8.45	165.5					
10/28/2010	23:01:56					Start Pumping Mud w/ CemNET+				
10/28/2010	23:01:56	145	4.6	8.44	165.7					
10/28/2010	23:03:02	159	4.5	8.69	170.7					
10/28/2010	23:06:22	258	6.3	8.82	187.1					
10/28/2010	23:09:42	251	6.4	8.69	208.3					
10/28/2010	23:13:02	255	6.3	8.80	229.5					
10/28/2010	23:15:37					Mud Vol = 80.37 bbl				
10/28/2010	23:15:37	257	6.4	8.81	245.9					
10/28/2010	23:15:39					Start Pumping Water				
10/28/2010	23:15:39	272	6.4	8.81	246.1					
10/28/2010	23:16:22	179	4.5	8.48	250.1					
10/28/2010	23:18:18					Water Vol = 12.95 bbl				
10/28/2010	23:18:18	160	4.6	8.88	258.9					
10/28/2010	23:18:22					Start Pumping S001 Solution				
10/28/2010	23:18:22	164	4.6	9.24	259.2					
10/28/2010	23:19:42	181	4.5	9.28	265.2					
10/28/2010	23:22:47					S001 Soln Vol = 20.0 bbl				
10/28/2010	23:22:47	170	4.5	8.45	279.2					
10/28/2010	23:22:48					Start Pumping Water				
10/28/2010	23:22:48	170	4.5	8.45	279.3					
10/28/2010	23:22:51					Water Vol = 9.45 bbl				
10/28/2010	23:22:51	172	4.5	8.45	279.5					

Well			Field		Job Start		Customer		Job Number	
SGU 8508A-36 B36 496			Story Gluch		Oct/28/2010		Encana		BAD4-00225	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/28/2010	23:23:02	166	4.5	8.45	280.3					
10/28/2010	23:24:56					Start Pumping ZONELOCK SC				
10/28/2010	23:24:56	329	4.2	8.80	288.9					
10/28/2010	23:26:22	173	4.2	9.86	294.9					
10/28/2010	23:29:42	159	4.2	9.87	308.8					
10/28/2010	23:33:02	142	3.8	8.68	323.2					
10/28/2010	23:33:14					ZONELOCK SC Vol = 30.05 bbl				
10/28/2010	23:33:14	186	4.8	8.55	324.0					
10/28/2010	23:36:22	70	2.1	8.46	334.2					
10/28/2010	23:39:42	90	2.1	8.45	341.2					
10/28/2010	23:43:02	102	2.1	8.45	348.2					
10/28/2010	23:46:22	92	2.2	8.46	355.4					
10/28/2010	23:49:40					Start Pumping Water				
10/28/2010	23:49:40	99	2.2	8.45	362.6					
10/28/2010	23:49:42	94	2.2	8.45	362.7					
10/28/2010	23:49:51					Water Vol = 38.98 bbl				
10/28/2010	23:49:51	82	2.1	8.68	363.0					
10/28/2010	23:53:02	163	4.2	8.94	373.5					
10/28/2010	23:56:22	140	4.2	8.99	387.3					
10/28/2010	23:59:42	138	4.2	8.78	401.3					
10/29/2010	00:02:00					Start Pumping MUDPUSH II w/ CemNET+				
10/29/2010	00:02:00	157	4.1	8.77	410.7					
10/29/2010	00:02:49					MUDPUSH II Vol = 51.02 bbl				
10/29/2010	00:02:49	150	4.1	8.77	414.0					
10/29/2010	00:02:59					Start pumping 9.0# LiteCRETE				
10/29/2010	00:02:59	144	4.1	8.79	414.7					
10/29/2010	00:03:02	147	4.1	8.80	414.9					
10/29/2010	00:06:22	284	6.2	9.25	430.5					
10/29/2010	00:09:42	294	6.2	9.32	451.3					
10/29/2010	00:13:02	311	6.3	9.28	472.1					
10/29/2010	00:16:22	286	6.3	9.35	493.0					
10/29/2010	00:19:42	338	6.3	9.36	513.9					
10/29/2010	00:23:02	320	6.2	9.33	534.7					
10/29/2010	00:26:22	315	6.3	9.27	555.4					
10/29/2010	00:29:42	310	6.3	9.32	576.2					
10/29/2010	00:30:00					Started to see returns at surface				
10/29/2010	00:30:00	329	6.3	9.33	578.1					
10/29/2010	00:33:02	281	6.3	9.47	597.1					
10/29/2010	00:36:22	306	6.2	9.47	617.9					
10/29/2010	00:39:42	330	6.2	9.42	638.7					
10/29/2010	00:43:02	317	6.3	9.44	659.4					
10/29/2010	00:46:22	323	6.3	9.44	680.3					
10/29/2010	00:49:42	320	6.3	9.40	701.1					
10/29/2010	00:53:02	301	6.3	9.38	722.0					
10/29/2010	00:56:22	306	6.3	9.41	742.8					
10/29/2010	00:59:42	273	6.2	9.45	763.7					
10/29/2010	01:00:00					Slurry pumped at 50.2% SVF				
10/29/2010	01:00:00	310	6.2	9.47	765.5					
10/29/2010	01:03:02	346	6.3	9.49	784.5					
10/29/2010	01:06:22	357	6.3	9.55	805.4					
10/29/2010	01:09:42	320	6.3	9.45	826.3					
10/29/2010	01:13:02	345	6.3	9.41	847.1					
10/29/2010	01:16:22	322	6.3	9.37	868.0					
10/29/2010	01:19:42	355	6.2	9.40	888.8					
10/29/2010	01:23:02	355	6.2	9.45	909.7					

Well			Field		Job Start		Customer		Job Number	
SGU 8508A-36 B36 496			Story Gluch		Oct/28/2010		Encana		BAD4-00225	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/29/2010	01:26:22					Mudpush II seen on returns; pH of 11.8				
10/29/2010	01:26:22	339	6.3	9.48	930.5					
10/29/2010	01:29:42	214	3.2	9.57	949.8					
10/29/2010	01:33:02	164	3.2	9.66	960.4					
10/29/2010	01:33:33					LiteCRETE Vol = 548.06 bbl				
10/29/2010	01:33:33	175	3.2	9.64	962.1					
10/29/2010	01:33:39					Drop Plug on Fly				
10/29/2010	01:33:39	170	3.2	9.55	962.4					
10/29/2010	01:34:06					Start Displacement				
10/29/2010	01:34:06	148	3.3	8.61	963.8					
10/29/2010	01:36:22	102	3.2	8.56	971.2					
10/29/2010	01:39:42	127	3.3	8.42	982.3					
10/29/2010	01:43:02	195	4.4	8.14	994.3					
10/29/2010	01:46:22	190	4.5	8.46	1009.1					
10/29/2010	01:49:42	297	6.3	8.46	1025.9					
10/29/2010	01:53:02	328	6.3	8.46	1047.0					
10/29/2010	01:56:22	342	6.3	8.46	1068.1					
10/29/2010	01:59:42	365	6.3	8.45	1089.2					
10/29/2010	02:00:00					Started to see cement to surface after 40 bbl displacement				
10/29/2010	02:00:00	371	6.3	8.45	1091.1					
10/29/2010	02:03:02	386	6.3	8.45	1110.3					
10/29/2010	02:06:22	416	6.3	8.45	1131.4					
10/29/2010	02:09:42	399	6.3	8.45	1152.5					
10/29/2010	02:13:02	435	6.3	8.45	1173.5					
10/29/2010	02:16:22	276	2.0	8.45	1186.5					
10/29/2010	02:19:42					Bump plug; 1000 psi				
10/29/2010	02:19:42	936	0.0	8.45	1192.9					
10/29/2010	02:22:27					Bleed off pressure				
10/29/2010	02:22:27	634	0.0	8.45	1193.0					
10/29/2010	02:22:28					End Displacement, Total Vol. = 228 BBL				
10/29/2010	02:22:28	607	0.0	8.45	1193.0					
10/29/2010	02:22:29					190 bbl cement to surface				
10/29/2010	02:22:29	514	0.0	8.45	1193.0					
10/29/2010	02:23:02	19	0.0	8.45	1193.0					
10/29/2010	02:26:22	25	0.0	8.46	1193.1					
10/29/2010	02:29:42	24	0.0	8.46	1193.2					
10/29/2010	02:33:02	23	0.0	8.46	1193.3					
10/29/2010	02:36:22	23	0.0	8.47	1193.4					
10/29/2010	02:39:42	21	0.0	8.46	1193.5					
10/29/2010	02:43:02	20	0.0	8.47	1193.6					
10/29/2010	02:46:22	20	0.0	8.47	1193.7					
10/29/2010	02:47:26					End cement job				
10/29/2010	02:47:26	20	0.0	8.47	1193.7					
10/29/2010	02:48:11					Using pump to clear parasite line				
10/29/2010	02:48:11	20	0.0	8.47	1193.7					
10/29/2010	02:49:42	19	0.0	8.47	1193.8					
10/29/2010	02:53:02	19	0.0	8.47	1193.9					
10/29/2010	02:56:22	20	0.0	8.47	1194.0					
10/29/2010	02:59:42	20	0.0	8.47	1194.1					
10/29/2010	03:03:02	19	0.0	8.47	1194.2					
10/29/2010	03:06:22	20	0.0	8.47	1194.3					
10/29/2010	03:09:42	20	0.0	8.48	1194.4					
10/29/2010	03:13:02	24	0.0	8.48	1194.5					
10/29/2010	03:16:22	24	0.0	8.48	1194.6					
10/29/2010	03:19:42	24	0.0	8.48	1194.7					

Well			Field		Job Start	Customer	Job Number
SGU 8508A-36 B36 496			Story Gluch		Oct/28/2010	Encana	BAD4-00225
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
10/29/2010	03:23:02	24	0.0	8.48	1194.8		
10/29/2010	03:26:22	24	0.0	8.48	1194.9		
10/29/2010	03:29:42	24	0.0	8.48	1195.0		
10/29/2010	03:33:02	24	0.0	8.48	1195.1		
10/29/2010	03:33:25					Stopped Acquisition	

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface? <input type="checkbox"/>		Volume
		558.0 bbl			67 degF	Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
Randy Burk			Terry Borg			-		-