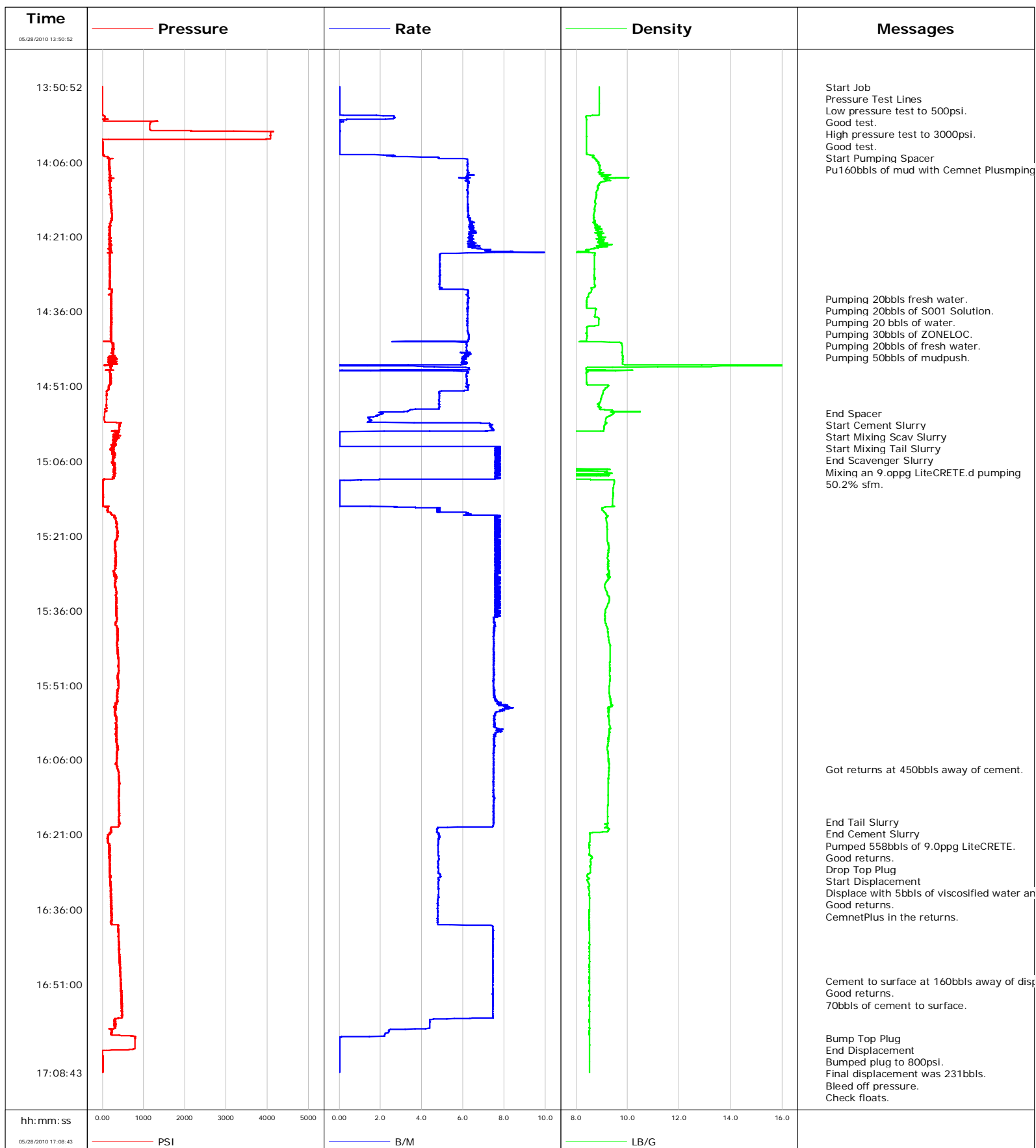


Well SGU 8508B-36 B36 496
Field Story Gulch
Engineer Jeff Patterson
Country United States

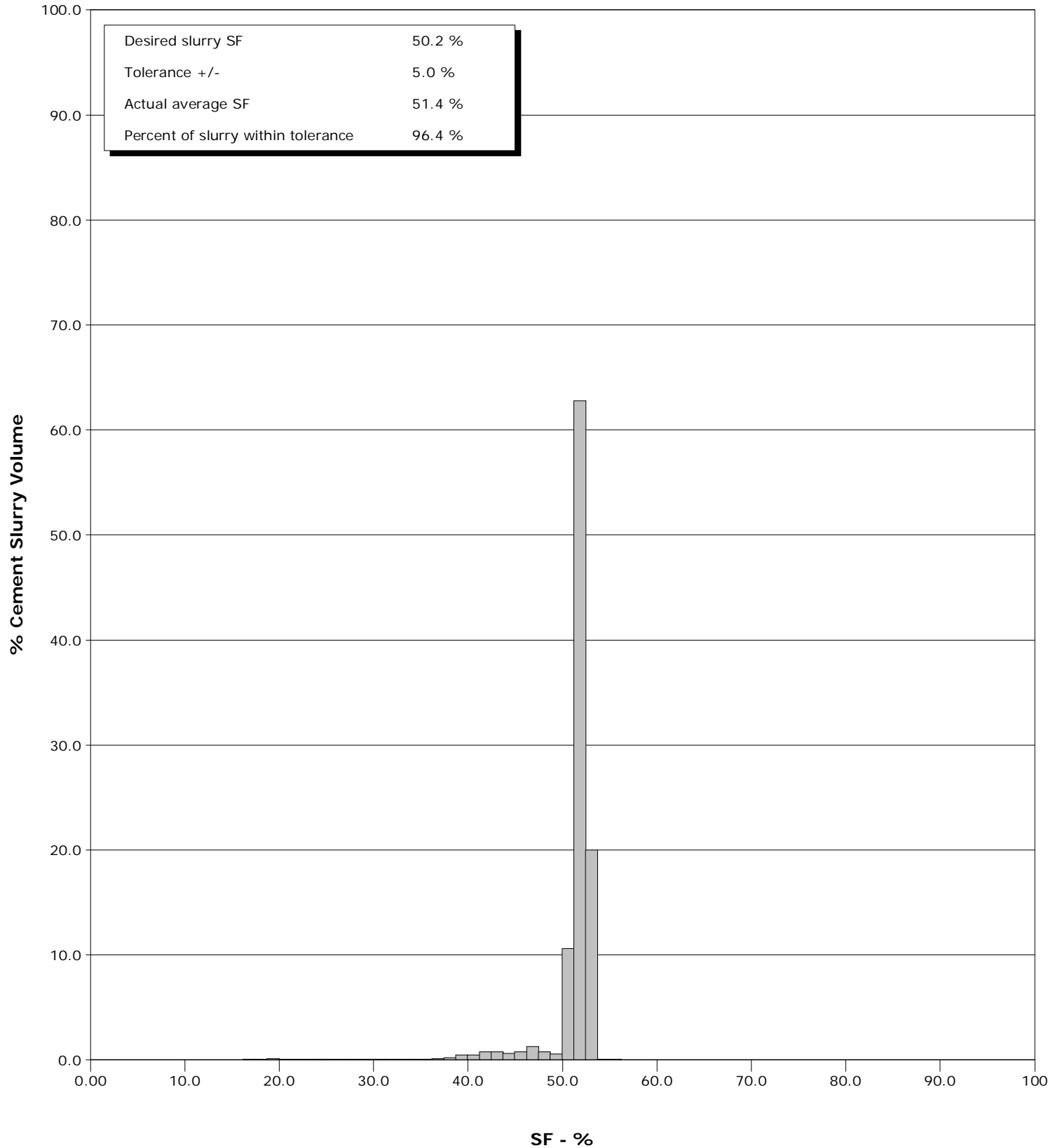
Client EnCana
SIR No. BAD4-00087
Job Type 9 5/8" Surface.
Job Date 05-28-2010



Well SGU 8508B-36 B36 496
Field Story Gulch
Engineer Jeff Patterson
Country United States

Client EnCana
SIR No. BAD4-00087
Job Type 9 5/8" Surface.
Job Date 05-28-2010

Cement Slurry - 05/28/2010 14:56:23 to 05/28/2010 16:18:33





Cementing Service Report

				Customer EnCana		Job Number BAD4-00087		
Well SGU 8508B-36 B36 496 SGU 8508B-36 B36 496			Location (legal) B36		Schlumberger Location Grand Junction, Colorado		Job Start May/28/2010	
Field Story Gulch		Formation Name/Type		Deviation	Bit Size 35.8 in	Well MD 3035.0 ft		Well TVD 3035.0 ft
County Garfield		State/Province Colorado		BHP	BHST 115 degF	BHCT 95 degF	Pore Press. Gradient	
Well Master 0631185130		API/UWI						
Rig Name Patterson 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	3035.0	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" 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 231.6 bbl	Packer Type	Packer Depth		
			Tubing Vol.	Casing Vol. 234.7 bbl	Annular Vol. 386.0 bbl	Openhole Vol. 638.0 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 1502 psi			Shoe Type Guide	Squeeze Type				
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3035.0 ft	Tool Type				
No. Centralizers	Top Plugs 1	Bottom Plugs	Stage Tool Type	Tool Depth				
Cement Head Type Single			Stage Tool Depth	Tail Pipe Size				
Job Scheduled For May/28/2010	Arrived on Location May/28/2010	Leave Location May/28/2010	Collar Type Float	Tail Pipe Depth				
			Collar Depth 2996.0 ft	Sqz. Total Vol.				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
05/28/2010	13:30:23					Started Acquisition		
05/28/2010	13:50:52	-2	0.0	8.90	0.0			
05/28/2010	13:50:54					Start Job		
05/28/2010	13:50:54	-2	0.0	8.90	0.0			
05/28/2010	13:50:57					Pressure Test Lines		
05/28/2010	13:50:57	-2	0.0	8.90	0.0			
05/28/2010	13:50:59					Low pressure test to 500psi.		
05/28/2010	13:50:59	-2	0.0	8.90	0.0			
05/28/2010	13:51:00					Good test.		
05/28/2010	13:51:00					High pressure test to 3000psi.		
05/28/2010	13:51:00					Good test.		
05/28/2010	13:51:00	-2	0.0	8.90	0.0			
05/28/2010	13:51:05					Start Pumping Spacer		
05/28/2010	13:51:05	-2	0.0	8.90	0.0			
05/28/2010	13:51:07					Pu160bbls of mud with Cemnet Plusmping		
05/28/2010	13:51:07	-2	0.0	8.90	0.0			
05/28/2010	13:52:03	-2	0.0	8.90	0.0			
05/28/2010	13:53:43	-4	0.0	8.90	0.0			
05/28/2010	13:55:23	-5	0.0	8.90	0.0			
05/28/2010	13:57:03	58	2.7	8.40	1.1			
05/28/2010	13:58:43	1151	0.0	8.41	2.1			

Well			Field	Job Start		Customer	Job Number
SGU 8508B-36 B36 496 SGU 8508B-36 B36 496			Story Gulch	May/28/2010		EnCana	BAD4-00087
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/28/2010	14:02:03	-0	0.0	8.41	2.1		
05/28/2010	14:03:43	1	0.0	8.41	2.1		
05/28/2010	14:05:23	184	6.2	8.73	5.3		
05/28/2010	14:07:03	179	6.2	8.91	15.6		
05/28/2010	14:08:43	210	6.2	9.06	26.0		
05/28/2010	14:10:23	184	6.2	8.90	36.4		
05/28/2010	14:12:03	201	6.2	8.79	46.7		
05/28/2010	14:13:43	215	6.2	8.74	57.1		
05/28/2010	14:15:23	212	6.2	8.72	67.5		
05/28/2010	14:17:03	228	6.2	8.69	77.9		
05/28/2010	14:18:43	208	6.4	8.77	88.5		
05/28/2010	14:20:23	178	6.3	8.96	99.2		
05/28/2010	14:22:03	192	6.4	8.97	109.9		
05/28/2010	14:23:43	209	7.2	8.42	120.9		
05/28/2010	14:25:23	180	4.9	8.71	130.6		
05/28/2010	14:27:03	181	4.9	8.71	138.7		
05/28/2010	14:28:43	180	4.9	8.69	146.9		
05/28/2010	14:30:23	195	4.9	8.72	155.0		
05/28/2010	14:32:03	224	6.2	8.60	163.8		
05/28/2010	14:33:25					Pumping 20bbbls fresh water.	
05/28/2010	14:33:25	205	6.3	8.43	172.4		
05/28/2010	14:33:43	219	6.2	8.42	174.2		
05/28/2010	14:33:49					Pumping 20bbbls of S001 Solution.	
05/28/2010	14:33:49	210	6.3	8.41	174.9		
05/28/2010	14:33:51					Pumping 20 bbls of water.	
05/28/2010	14:33:51	213	6.3	8.41	175.1		
05/28/2010	14:35:23	202	6.3	8.64	184.6		
05/28/2010	14:35:26					Pumping 30bbbls of ZONELOC.	
05/28/2010	14:35:26	212	6.2	8.78	184.9		
05/28/2010	14:35:27					Pumping 20bbbls of fresh water.	
05/28/2010	14:35:27	212	6.2	8.80	185.0		
05/28/2010	14:35:28					Pumping 50bbbls of mudpush.	
05/28/2010	14:35:28	205	6.2	8.80	185.1		
05/28/2010	14:37:03	216	6.2	8.72	195.0		
05/28/2010	14:38:43	211	6.2	8.87	205.3		
05/28/2010	14:40:23	204	6.2	8.40	215.7		
05/28/2010	14:42:03	213	2.6	8.12	226.0		
05/28/2010	14:43:43	250	6.2	9.80	236.2		
05/28/2010	14:45:23	144	6.0	9.81	246.5		
05/28/2010	14:47:03	211	4.1	13.26	255.0		
05/28/2010	14:48:43	190	6.2	8.41	264.0		
05/28/2010	14:50:23	191	6.2	8.41	274.3		
05/28/2010	14:52:03	101	4.9	9.06	284.5		
05/28/2010	14:53:43	99	4.8	8.97	292.6		
05/28/2010	14:55:23	112	4.8	8.94	300.7		
05/28/2010	14:56:21					End Spacer	
05/28/2010	14:56:21	55	2.0	9.47	304.0		
05/28/2010	14:56:23					Start Cement Slurry	
05/28/2010	14:56:23	56	2.0	9.47	304.1		
05/28/2010	14:56:26					Start Mixing Scav Slurry	
05/28/2010	14:56:26	56	2.1	9.46	304.2		
05/28/2010	14:57:03	58	1.8	9.27	305.4		
05/28/2010	14:57:41					Start Mixing Tail Slurry	
05/28/2010	14:57:41	42	1.5	9.16	306.4		

Well			Field		Job Start		Customer		Job Number	
SGU 8508B-36 B36 496 SGU 8508B-36 B36 496			Story Gulch		May/28/2010		EnCana		BAD4-00087	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/28/2010	14:57:45	45	1.5	9.16	306.5					
05/28/2010	14:58:43	416	7.4	9.11	310.2					
05/28/2010	15:00:01					Mixing an 9.0ppg LiteCRETE.d pumping				
05/28/2010	15:00:01	394	7.2	9.07	319.8					
05/28/2010	15:00:02					50.2% sfm.				
05/28/2010	15:00:02	398	4.4	8.97	319.9					
05/28/2010	15:00:23	324	0.0	4.43	320.0					
05/28/2010	15:02:03	288	0.0	4.54	320.0					
05/28/2010	15:03:43	181	7.8	4.73	325.2					
05/28/2010	15:05:23	298	7.6	4.89	338.0					
05/28/2010	15:07:03	290	7.7	5.81	350.8					
05/28/2010	15:08:43	302	7.8	6.93	363.6					
05/28/2010	15:10:23	11	0.0	9.50	371.3					
05/28/2010	15:12:03	7	0.0	9.44	371.3					
05/28/2010	15:13:43	11	0.0	9.42	371.3					
05/28/2010	15:15:23	126	4.9	9.03	372.0					
05/28/2010	15:17:03	303	7.6	9.24	381.4					
05/28/2010	15:18:43	352	7.7	9.21	394.1					
05/28/2010	15:20:23	356	7.7	9.21	406.9					
05/28/2010	15:22:03	317	7.6	9.21	419.6					
05/28/2010	15:23:43	298	7.6	9.27	432.4					
05/28/2010	15:25:23	316	7.7	9.22	445.2					
05/28/2010	15:27:03	314	7.7	9.26	458.0					
05/28/2010	15:28:43	302	7.6	9.28	470.8					
05/28/2010	15:30:23	314	7.6	9.16	483.5					
05/28/2010	15:32:03	334	7.8	9.17	496.3					
05/28/2010	15:33:43	352	7.7	9.30	509.1					
05/28/2010	15:35:23	326	7.7	9.19	521.8					
05/28/2010	15:37:03	349	7.6	9.12	534.6					
05/28/2010	15:38:43	310	7.5	9.16	547.1					
05/28/2010	15:40:23	369	7.5	9.24	559.6					
05/28/2010	15:42:03	367	7.5	9.28	572.1					
05/28/2010	15:43:43	366	7.5	9.32	584.6					
05/28/2010	15:45:23	386	7.5	9.33	597.1					
05/28/2010	15:47:03	383	7.5	9.31	609.6					
05/28/2010	15:48:43	383	7.5	9.31	622.1					
05/28/2010	15:50:23	386	7.5	9.31	634.5					
05/28/2010	15:52:03	356	7.5	9.28	647.0					
05/28/2010	15:53:43	356	7.6	9.34	659.5					
05/28/2010	15:55:23	319	8.1	9.30	672.5					
05/28/2010	15:57:03	313	7.6	9.25	685.5					
05/28/2010	15:58:43	322	7.6	9.29	698.0					
05/28/2010	16:00:23	356	7.8	9.28	710.8					
05/28/2010	16:02:03	343	7.5	9.26	723.3					
05/28/2010	16:03:43	373	7.5	9.21	735.8					
05/28/2010	16:05:23	344	7.5	9.24	748.3					
05/28/2010	16:07:03	340	7.5	9.29	760.8					
05/28/2010	16:07:53					Got returns at 450bbbls away of cement.				
05/28/2010	16:07:53	379	7.5	9.28	767.0					
05/28/2010	16:08:43	393	7.5	9.28	773.3					
05/28/2010	16:10:23	404	7.5	9.25	785.7					
05/28/2010	16:12:03	413	7.5	9.25	798.2					
05/28/2010	16:13:43	399	7.5	9.25	810.6					
05/28/2010	16:15:23	408	7.5	9.23	823.1					

Well			Field	Job Start	Customer	Job Number
SGU 8508B-36 B36 496 SGU 8508B-36 B36 496			Story Gulch	May/28/2010	EnCana	BAD4-00087
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
05/28/2010	16:18:32					End Tail Slurry
05/28/2010	16:18:32	417	7.5	9.23	846.7	
05/28/2010	16:18:33					End Cement Slurry
05/28/2010	16:18:33	393	7.5	9.23	846.8	
05/28/2010	16:18:37					Pumped 558bbls of 9.0ppg LiteCRETE.
05/28/2010	16:18:37					Good returns.
05/28/2010	16:18:37	393	7.5	9.24	847.3	
05/28/2010	16:18:40					Drop Top Plug
05/28/2010	16:18:40	410	7.5	9.24	847.7	
05/28/2010	16:18:42					Start Displacement
05/28/2010	16:18:42	411	7.5	9.24	847.9	
05/28/2010	16:18:43	412	7.5	9.24	848.1	
05/28/2010	16:18:44					Displace with 5bbls of viscosified water and 230bbls of fresh wa
05/28/2010	16:18:44					Good returns.
05/28/2010	16:18:44					CemnetPlus in the returns.
05/28/2010	16:18:44	412	7.5	9.23	848.2	
05/28/2010	16:20:23	209	4.7	9.24	858.1	
05/28/2010	16:22:03	130	4.8	8.54	866.2	
05/28/2010	16:23:43	161	4.8	8.51	874.2	
05/28/2010	16:25:23	167	4.8	8.61	882.2	
05/28/2010	16:27:03	178	4.8	8.58	890.2	
05/28/2010	16:28:43	177	4.8	8.54	898.2	
05/28/2010	16:30:23	196	4.8	8.45	906.3	
05/28/2010	16:32:03	207	4.8	8.51	914.3	
05/28/2010	16:33:43	218	4.8	8.52	922.4	
05/28/2010	16:35:23	233	4.8	8.52	930.3	
05/28/2010	16:37:03	227	4.8	8.51	938.3	
05/28/2010	16:38:43	219	4.8	8.51	946.2	
05/28/2010	16:40:23	386	7.4	8.52	957.5	
05/28/2010	16:42:03	397	7.5	8.52	969.9	
05/28/2010	16:43:43	405	7.5	8.52	982.3	
05/28/2010	16:45:23	415	7.4	8.52	994.7	
05/28/2010	16:47:03	429	7.5	8.51	1007.1	
05/28/2010	16:48:43	425	7.4	8.52	1019.5	
05/28/2010	16:50:23	448	7.4	8.52	1031.9	
05/28/2010	16:50:27					Cement to surface at 160bbls away of displacement.
05/28/2010	16:50:27	450	7.4	8.51	1032.4	
05/28/2010	16:50:28					Good returns.
05/28/2010	16:50:28	441	7.4	8.52	1032.6	
05/28/2010	16:52:03	450	7.4	8.52	1044.3	
05/28/2010	16:52:21					70bbls of cement to surface.
05/28/2010	16:52:21	448	7.5	8.51	1046.6	
05/28/2010	16:53:43	462	7.5	8.52	1056.8	
05/28/2010	16:55:23	464	7.4	8.52	1069.2	
05/28/2010	16:57:03	467	7.4	8.52	1081.6	
05/28/2010	16:58:43	305	4.4	8.51	1091.6	
05/28/2010	17:00:23	236	2.4	8.51	1098.2	
05/28/2010	17:01:53					Bump Top Plug
05/28/2010	17:01:53	790	0.0	8.52	1100.9	
05/28/2010	17:01:55					End Displacement
05/28/2010	17:01:55	789	0.0	8.52	1100.9	
05/28/2010	17:02:03	789	0.0	8.52	1100.9	
05/28/2010	17:02:06					Bumped plug to 800psi.

Well			Field		Job Start		Customer		Job Number	
SGU 8508B-36 B36 496 SGU 8508B-36 B36 496			Story Gulch		May/28/2010		EnCana		BAD4-00087	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/28/2010	17:02:06					Bleed off pressure.				
05/28/2010	17:02:06	789	0.0	8.52	1100.9					
05/28/2010	17:02:07					Check floats.				
05/28/2010	17:02:07					Floats held.				
05/28/2010	17:02:07					Got .75bbbls back.				
05/28/2010	17:02:07	789	0.0	8.52	1100.9					
05/28/2010	17:02:08					70bbbls of good cement to surface				
05/28/2010	17:02:08	789	0.0	8.52	1100.9					
05/28/2010	17:03:43	787	0.0	8.52	1100.9					
05/28/2010	17:05:23	0	0.0	8.52	1100.9					
05/28/2010	17:07:03	1	0.0	8.52	1100.9					
05/28/2010	17:08:37					End Job				
05/28/2010	17:08:37	1	0.0	8.52	1100.9					
05/28/2010	17:08:43	1	0.0	8.52	1100.9					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 7.0	N2	Mud	Maximum Rate 8.0	Total Slurry 558.0	Mud 160.0	Spacer 160.0	N2	
Treating Pressure Summary, psi				Breakdown Fluid				
Maximum 3000	Final 800	Average 300	Bump Plug to 800	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume 558.0 bbl		Displacement 231.6 bbl	Mix Water Temp 55 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 70.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative Ira Cox			Schlumberger Supervisor Jeff Patterson			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	