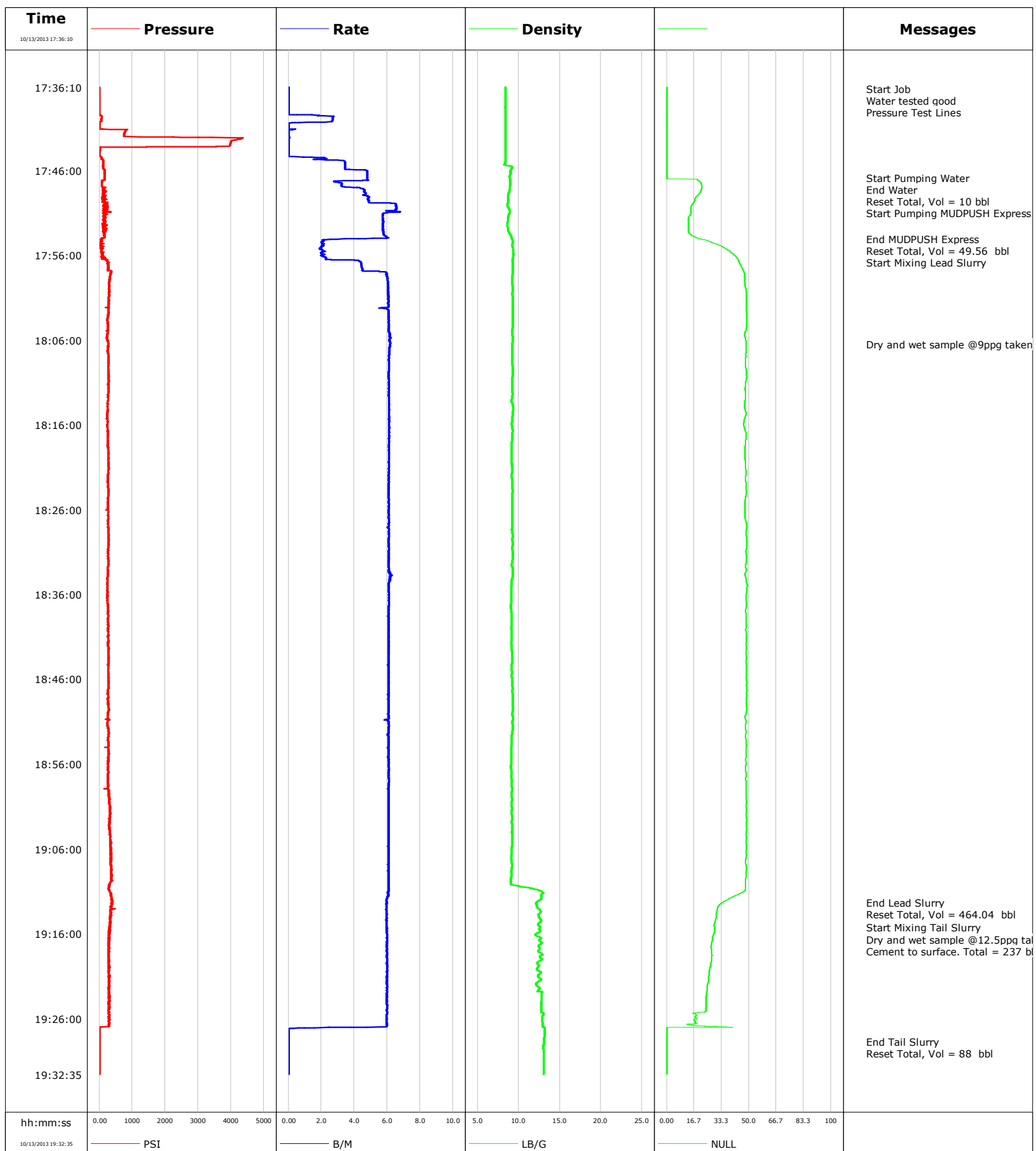


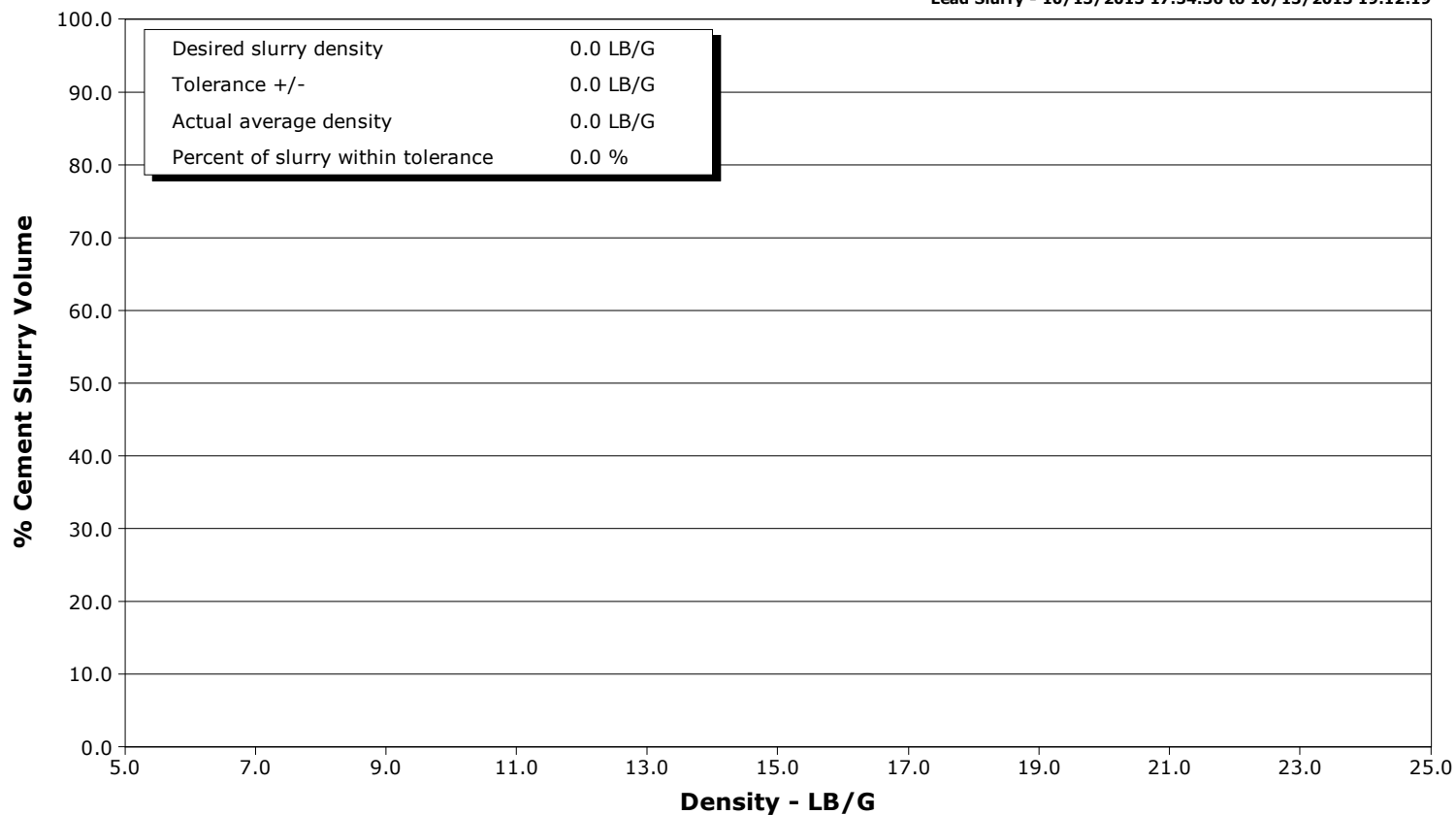
Well	6SGU 8514A-34 E34 496	Client	Encana
Field	Story Gulch	SIR No.	CMI1-00376
Engineer	Dhierda Utiya	Job Type	9 5/8 Surface
Country	United States	Job Date	10-13-2013



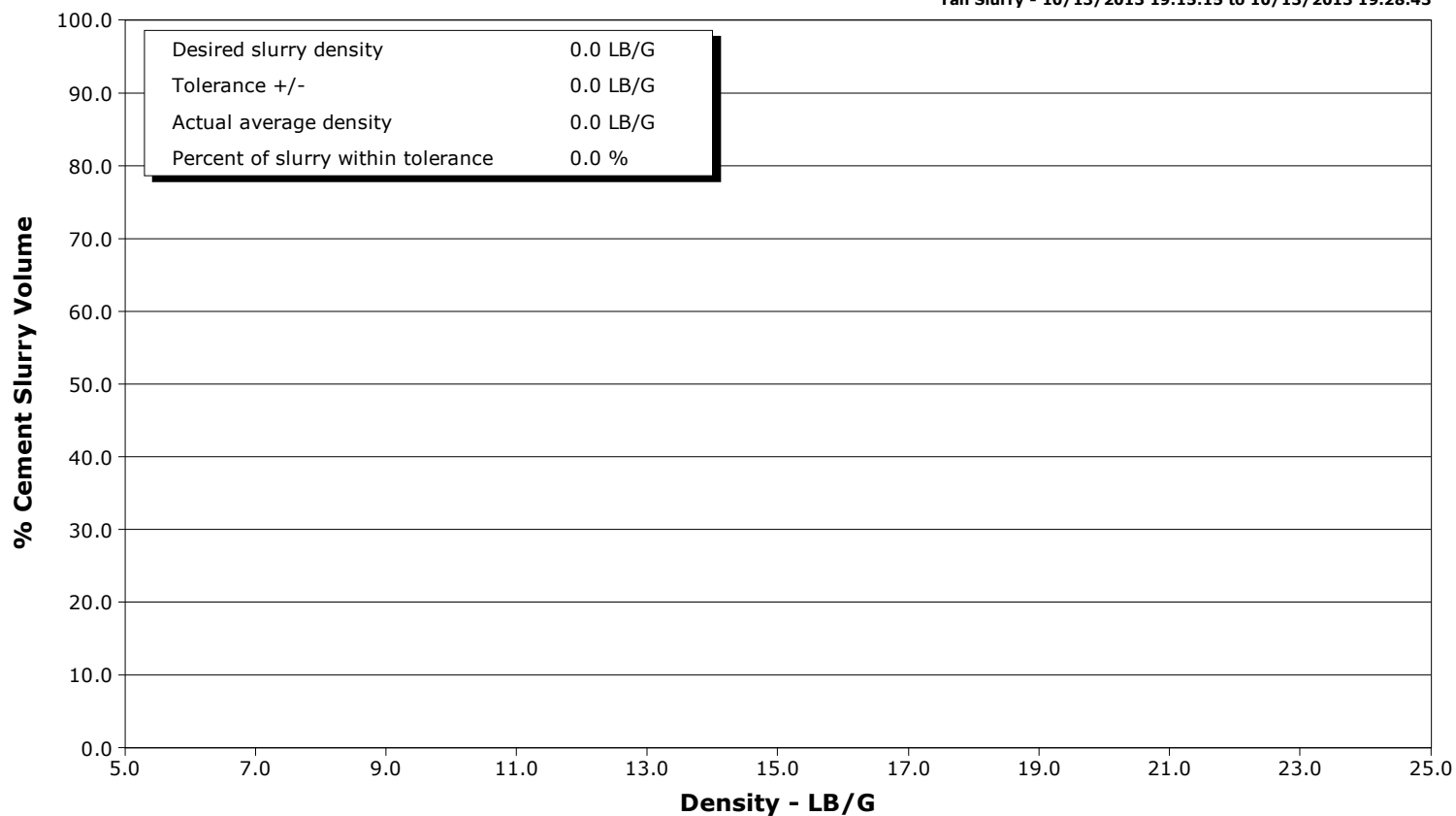
Well 6SGU 8514A-34 E34 496
Field Story Gulch
Engineer Dhierda Utiya
Country United States

Client Encana
SIR No. CMI1-00376
Job Type 9 5/8 Surface
Job Date 10-13-2013

Lead Slurry - 10/13/2013 17:54:36 to 10/13/2013 19:12:19



Tail Slurry - 10/13/2013 19:15:15 to 10/13/2013 19:28:43



Cementing Service Report

					Customer Encana			Job Number CMI1-00376			
Well 6SGU 8514A-34 E34 496 6SGU 8514A-34 E34 496				Location (legal) Patterson #326			Schlumberger Location Rock Springs		Job Start Oct/13/2013		
Field Story Gulch		Formation Name/Type			Deviation deg	Bit Size 14.8 in		Well MD 2979.0 ft		Well TVD 2979.0 ft	
County Garfield		State/Province Colorado			BHP psi	BHST 120 degF		BHCT 92 degF		Pore Press. Gradient lb/gal	
Well Master		API/UWI									
Rig Name Patterson #326		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		2979.0	8.6	36.0	N/A	8RD	
						0.0	0.0	0.0			
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 Surface									
Max. Allowed Tub. Press 3500 psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8		Perforations/Open Hole					
						Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft	
Service Instructions 9 5/8 surface						ft	ft				
						ft	ft			Diameter in	
						ft	ft				
		Treat Down Casing		Displacement 227.0 bbl		Packer Type		Packer Depth ft			
Tubing Vol. bbl		Casing Vol. 257.0 bbl		Annular Vol. bbl		Openhole Vol. 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 1475 psi		Shoe Type Guide			Squeeze Type						
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 2979.0 ft			Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type Single		Stage Tool Depth ft			Tail Pipe Size in						
Job Scheduled For Oct/13/2013 04:00		Arrived on Location Oct/13/2013 04:00		Leave Location Oct/13/2013 23:00		Collar Type Float			Tail Pipe Depth ft		
		Collar Depth 2934.0 ft			Sqz. Total Vol. bbl						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_DOWNHOLE_SF NULL	Message				
10/13/2013	17:36:10	-4	0.0	8.37	0.0	0	Started Acquisition				
10/13/2013	17:36:21	-4	0.0	8.37	0.0	0	Start Job				
10/13/2013	17:36:24	-4	0.0	8.37	0.0	0	Water tested good				
10/13/2013	17:36:27	-4	0.0	8.37	0.0	0	Pressure Test Lines				
10/13/2013	17:37:50	-4	0.0	8.37	0.0	0					
10/13/2013	17:39:30	15	1.9	8.37	0.1	0					
10/13/2013	17:41:10	321	0.3	8.37	2.3	0					
10/13/2013	17:42:50	3984	0.0	8.37	2.3	0					
10/13/2013	17:44:30	74	2.1	8.38	0.1	0					
10/13/2013	17:46:10	164	4.8	8.99	5.7	0					
10/13/2013	17:46:53	166	4.8	8.91	9.2	0	Start Pumping Water				
10/13/2013	17:46:57	162	4.8	8.93	9.5	0	End Water				
10/13/2013	17:47:00	159	4.8	8.94	9.7	0	Reset Total, Vol = 10 bbl				
10/13/2013	17:47:18	76	2.8	8.97	11.0	20	Start Pumping MUDPUSH Express				
10/13/2013	17:47:50	72	3.2	8.94	12.7	21					
10/13/2013	17:49:30	109	4.8	8.75	20.3	17					
10/13/2013	17:51:10	167	5.7	8.82	30.4	15					
10/13/2013	17:52:50	101	5.7	8.65	40.0	13					
10/13/2013	17:54:04	92	4.3	9.18	47.1	21	End MUDPUSH Express				
10/13/2013	17:54:06	45	2.9	9.20	47.2	21	Reset Total, Vol = 49.56 bbl				
10/13/2013	17:54:30	61	2.0	9.28	48.1	27					

Well			Field		Job Start		Customer	Job Number
6SGU 8514A-34 E34 496 6SGU 8514A-34 E34 496			Story Gulch		Oct/13/2013		Encana	CMI1-00376
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_DOWNHOLE_SF NULL	Message	
10/13/2013	17:56:10	56	2.2	9.35	51.5	42		
10/13/2013	17:57:50	249	4.5	9.26	58.0	47		
10/13/2013	17:59:30	294	6.1	9.22	67.9	47		
10/13/2013	18:01:10	291	6.1	9.26	78.0	49		
10/13/2013	18:02:50	277	6.1	9.30	88.0	49		
10/13/2013	18:04:30	257	6.1	9.26	98.2	49		
10/13/2013	18:06:10	251	6.1	9.25	108.4	48		
10/13/2013	18:06:28	274	6.2	9.22	110.3	48	Dry and wet sample @9ppg taken	
10/13/2013	18:07:50	275	6.1	9.21	118.7	48		
10/13/2013	18:09:30	270	6.1	9.25	128.8	48		
10/13/2013	18:11:10	270	6.1	9.19	139.0	48		
10/13/2013	18:12:50	258	6.1	9.21	149.1	48		
10/13/2013	18:14:30	252	6.1	9.28	159.3	48		
10/13/2013	18:16:10	239	6.1	9.20	169.5	47		
10/13/2013	18:17:50	257	6.1	9.18	179.7	48		
10/13/2013	18:19:30	278	6.1	9.14	189.9	48		
10/13/2013	18:21:10	286	6.1	9.19	200.0	48		
10/13/2013	18:22:50	248	6.1	9.23	210.2	48		
10/13/2013	18:24:30	265	6.1	9.22	220.3	48		
10/13/2013	18:26:10	264	6.1	9.19	230.5	48		
10/13/2013	18:27:50	265	6.1	9.20	240.6	49		
10/13/2013	18:29:30	291	6.1	9.22	250.8	49		
10/13/2013	18:31:10	249	6.1	9.30	260.9	48		
10/13/2013	18:32:50	246	6.1	9.26	271.1	48		
10/13/2013	18:34:30	241	6.1	9.15	281.3	48		
10/13/2013	18:36:10	255	6.1	9.09	291.5	48		
10/13/2013	18:37:50	257	6.1	9.07	301.7	48		
10/13/2013	18:39:30	268	6.1	9.15	311.8	48		
10/13/2013	18:41:10	269	6.1	9.16	321.9	48		
10/13/2013	18:42:50	274	6.1	9.21	332.1	48		
10/13/2013	18:44:30	257	6.1	9.15	342.2	49		
10/13/2013	18:46:10	267	6.1	9.23	352.3	49		
10/13/2013	18:47:50	262	6.1	9.26	362.5	49		
10/13/2013	18:49:30	290	6.1	9.30	372.6	49		
10/13/2013	18:51:10	244	6.1	9.22	382.7	48		
10/13/2013	18:52:50	264	6.1	9.16	392.9	48		
10/13/2013	18:54:30	283	6.1	9.10	403.0	48		
10/13/2013	18:56:10	261	6.1	9.06	413.1	48		
10/13/2013	18:57:50	257	6.1	9.16	423.3	48		
10/13/2013	18:59:30	279	6.1	9.14	433.4	48		
10/13/2013	19:01:10	315	6.1	9.18	443.5	48		
10/13/2013	19:02:50	300	6.1	9.16	453.6	49		
10/13/2013	19:04:30	314	6.1	9.22	463.8	48		
10/13/2013	19:06:10	342	6.1	9.13	473.9	48		
10/13/2013	19:07:50	346	6.1	9.19	484.0	48		
10/13/2013	19:09:30	374	6.1	9.05	494.1	48		
10/13/2013	19:11:10	329	6.0	12.95	504.2	46		
10/13/2013	19:12:19	382	6.0	12.16	511.1	34	End Lead Slurry	
10/13/2013	19:12:20	378	6.0	12.16	511.2	34	Reset Total, Vol = 464.04 bbl	
10/13/2013	19:12:50	324	6.0	12.26	514.2	31		
10/13/2013	19:14:30	353	6.0	12.70	524.1	30		
10/13/2013	19:15:15	300	6.0	12.61	528.6	29	Start Mixing Tail Slurry	
10/13/2013	19:15:18	312	6.0	12.57	528.9	29	Dry and wet sample @12.5ppg taken	
10/13/2013	19:16:10	282	6.0	12.01	534.1	28		

Well			Field		Job Start		Customer		Job Number	
6SGU 8514A-34 E34 496 6SGU 8514A-34 E34 496			Story Gulch		Oct/13/2013		Encana		CMI1-00376	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	CPF1_DOWNHOLE_SF NULL	Message			
10/13/2013	19:17:50	291	6.0	12.54	544.0	27				
10/13/2013	19:19:30	269	6.0	12.25	554.0	27				
10/13/2013	19:21:10	273	6.0	12.46	564.0	25				
10/13/2013	19:22:50	299	6.0	12.83	574.0	24				
10/13/2013	19:24:30	292	6.0	12.75	583.9	24				
10/13/2013	19:26:10	302	6.0	12.87	593.9	17				
10/13/2013	19:27:50	4	0.0	13.14	599.2	0				
10/13/2013	19:28:43	4	0.0	13.10	599.2	0	End Tail Slurry			
10/13/2013	19:28:44	4	0.0	13.10	599.2	0	Reset Total, Vol = 88 bbl			
10/13/2013	19:29:30	5	0.0	12.96	599.2	0				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 5.7	N2	Mud	Maximum Rate 6.8		Total Slurry 552.0	Mud 0.0	Spacer 50.0	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 4348	Final 33	Average 286	Bump Plug to 750	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 609.0 bbl	Displacement 222.0 bbl	Mix Water Temp 55 degF	Cement Circulated to Surface?		<input checked="" type="checkbox"/>	Volume	237.0 bbl				
				Washed Thru Perfs		<input type="checkbox"/>	To	ft				
Customer or Authorized Representative Encana			Schlumberger Supervisor Dhierda Utiya			Circulation Lost	<input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-						