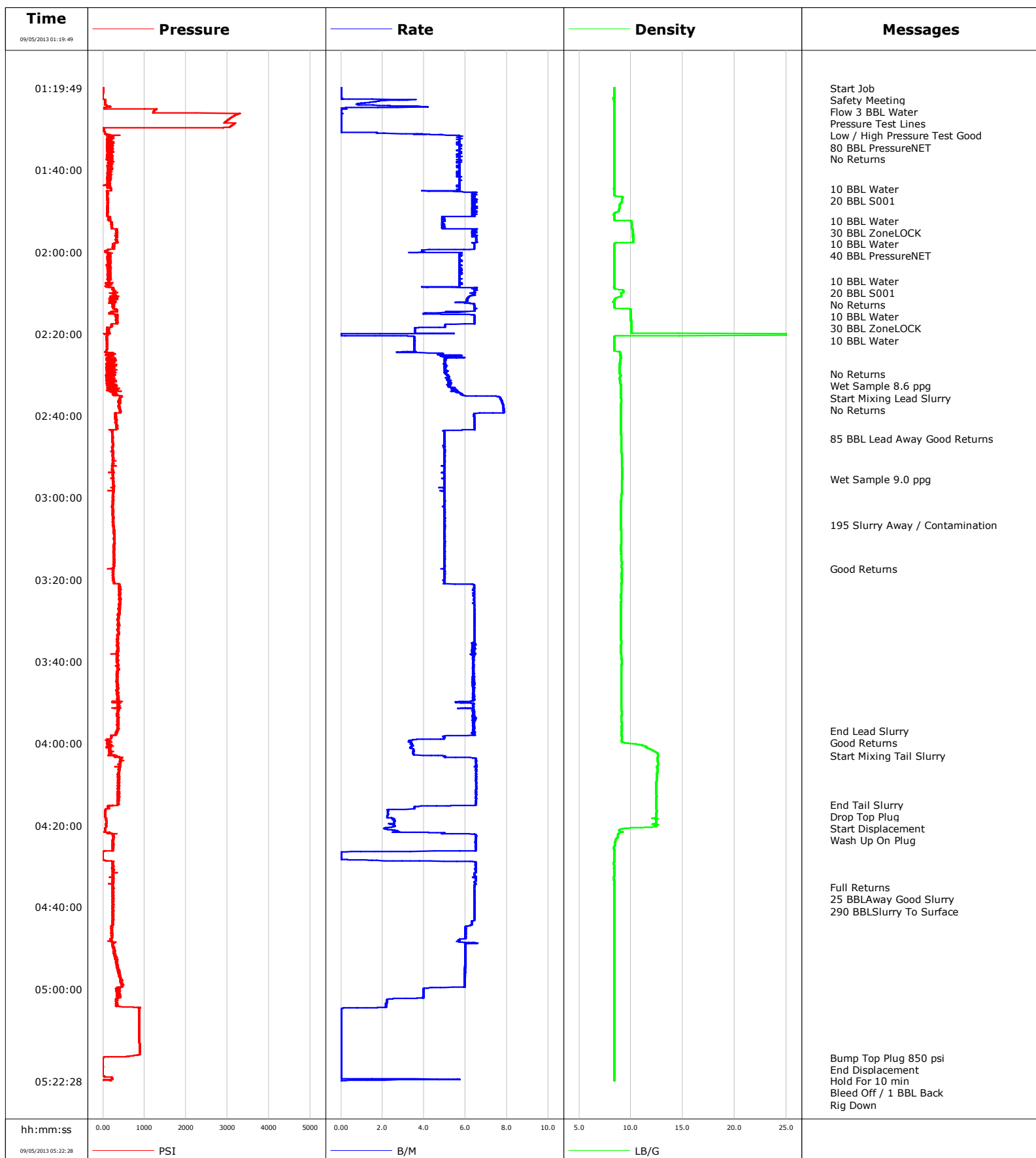


Well SGU 8509B-33 E34 496
Field Story Gulch
Engineer Travis Willardson / Cole Fairbrook
Country United States

Client EnCana
SIR No. CMI1-00260
Job Type 9 5/8 Surface
Job Date 09-04-2013

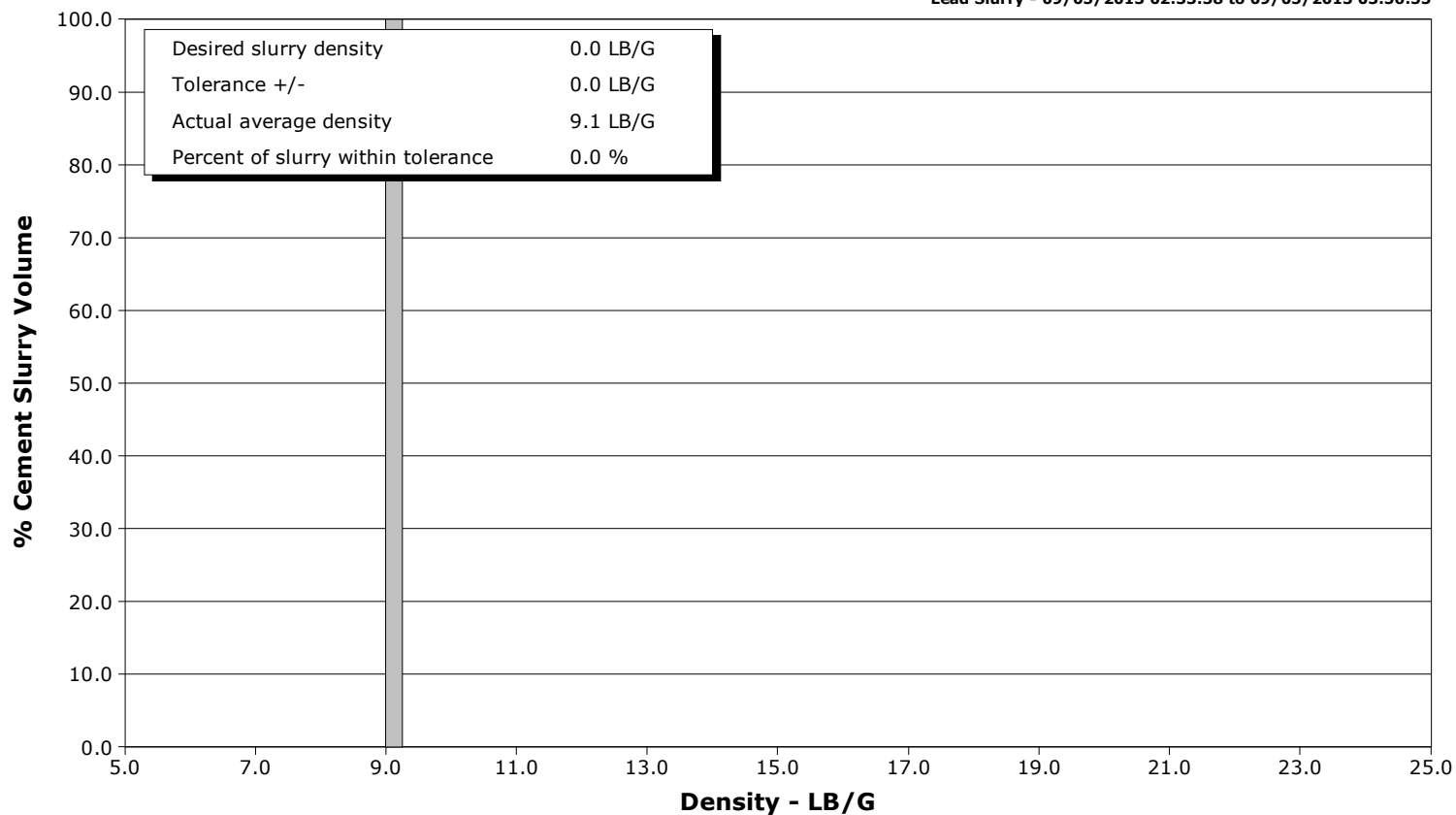


Schlumberger Cementing Qa/Qc Density Report

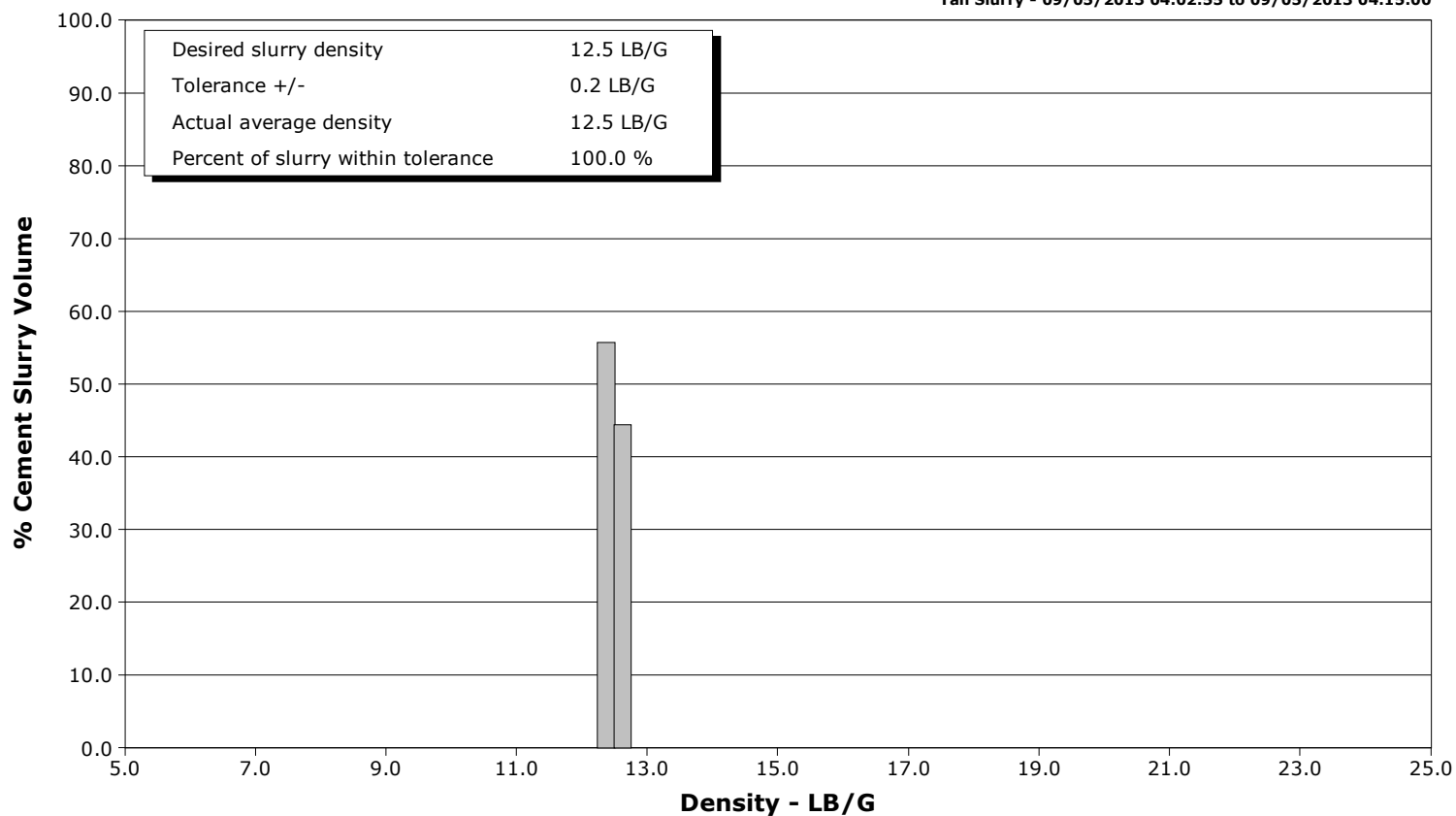
Well SGU 8509B-33 E34 496
Field Story Gulch
Engineer Travis Willardson / Cole Fairbrook
Country United States

Client EnCana
SIR No. CMI1-00260
Job Type 9 5/8 Surface
Job Date 09-04-2013

Lead Slurry - 09/05/2013 02:33:38 to 09/05/2013 03:56:55



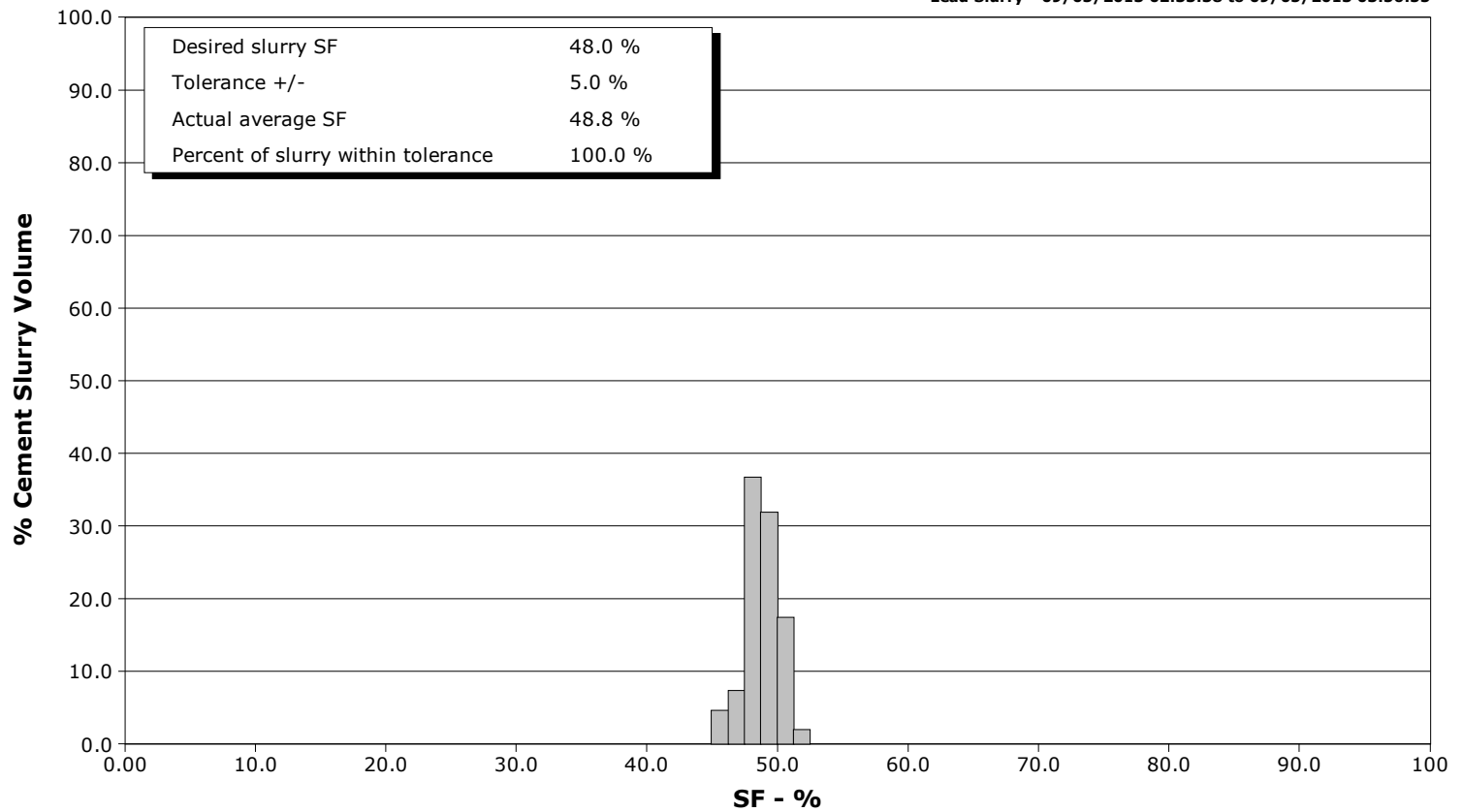
Tail Slurry - 09/05/2013 04:02:55 to 09/05/2013 04:15:00



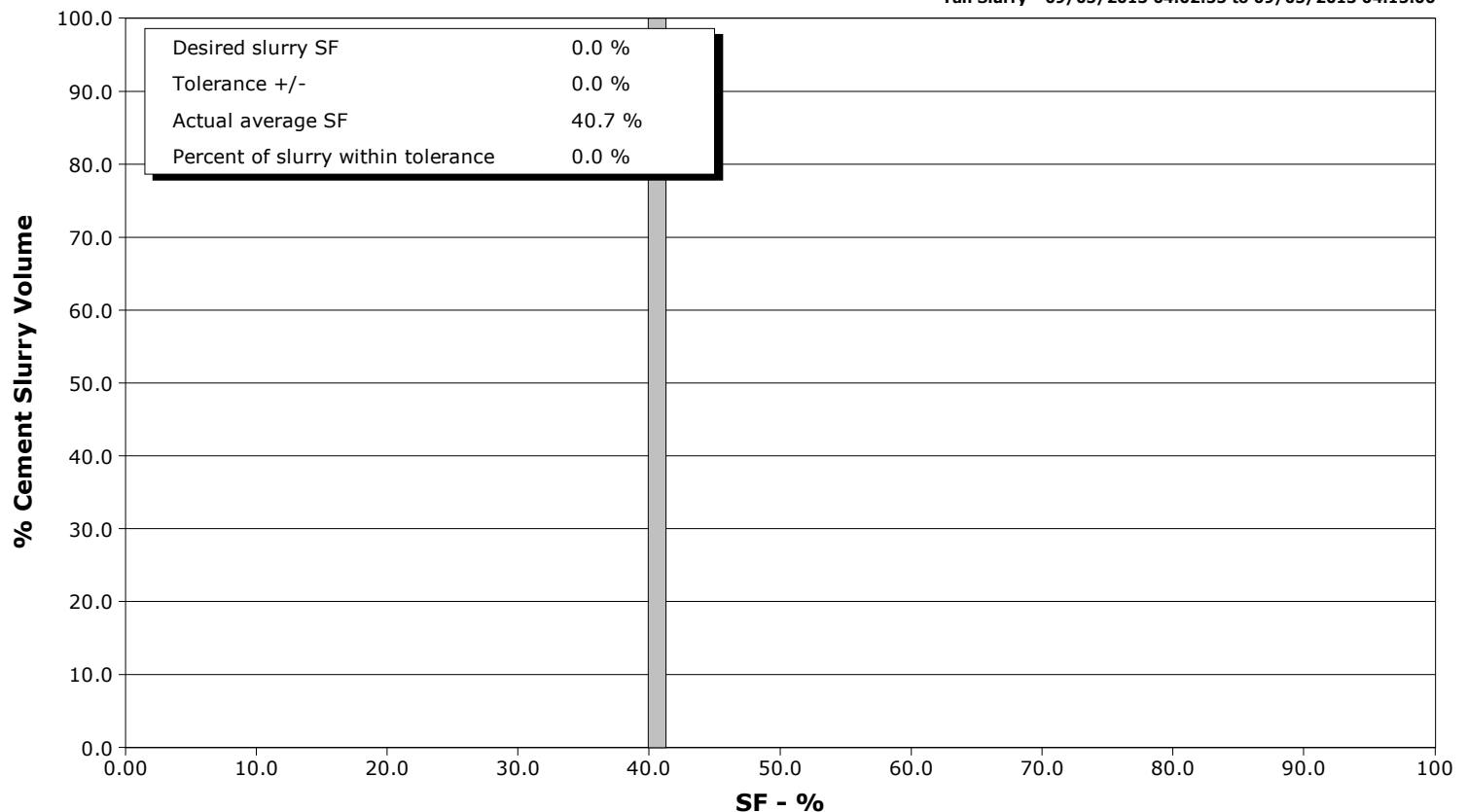
Well SGU 8509B-33 E34 496
Field Story Gulch
Engineer Travis Willardson / Cole Fairbrook
Country United States

Client EnCana
SIR No. CMI1-00260
Job Type 9 5/8 Surface
Job Date 09-04-2013

Lead Slurry - 09/05/2013 02:33:38 to 09/05/2013 03:56:55



Tail Slurry - 09/05/2013 04:02:55 to 09/05/2013 04:15:00





Cementing Service Report

				Customer EnCana		Job Number CMI1-00260		
Well SGU 8509B-33 E34 496 8509B-33			Location (legal) E34		Schlumberger Location Grand Junction		Job Start Sep/04/2013	
Field Story Gulch		Formation Name/Type Dirty-Sandstone		Deviation	Bit Size 14.8 in	Well MD 3000.0 ft		Well TVD 2939.0 ft
County Garfield		State/Province Colorado		BHP	BHST 120 degF	BHCT 89 degF	Pore Press. Gradient	
Well Master 0631491995		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	120.0	20.000	52.8	N/A	N/A	
			3000.0	9.630	36.0	J55	8RD	
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 Tub. Press	Max. Allowed Ann. Press	WH Connection Single Cement head	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
Service Instructions 80 BBL Pressurenets 20 BBL Zonelock 80 BBL Pressurenets 20 BBL Zonelock 50 BBL Mudpush Express 893 sks 9.0# LiteCRETE Lead 2.92 ft3/sk 251 sks 12.5# G Tail 2.11 ft3/sk							Diameter	
			Treat Down Casing	Displacement 229.0 bbl	Packer Type	Packer Depth		
			Tubing Vol.	Casing Vol.	Annular Vol. 378.0 bbl	Openhole Vol. 625.0 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 1471 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2974.0 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 Sep/04/2013		Arrived on Location Sep/04/2013	Leave Location Sep/04/2013	Collar Type Float		Tail Pipe Depth		
				Collar Depth 2929.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
09/05/2013	00:56:46					Started Acquisition		
09/05/2013	01:19:49	2	0.0	8.40	0.0			
09/05/2013	01:19:50					Start Job		
09/05/2013	01:19:50	2	0.0	8.40	0.0			
09/05/2013	01:19:54					Safety Meeting		
09/05/2013	01:19:54					Flow 3 BBL Water		
09/05/2013	01:19:54	3	0.0	8.40	0.0			
09/05/2013	01:20:15					Pressure Test Lines		
09/05/2013	01:20:15	2	0.0	8.40	0.0			
09/05/2013	01:20:17					Low / High Pressure Test Good		
09/05/2013	01:20:17	2	0.0	8.40	0.0			
09/05/2013	01:20:18					80 BBL PressureNET		
09/05/2013	01:20:18	2	0.0	8.40	0.0			
09/05/2013	01:21:46	-1	0.0	8.40	0.0			
09/05/2013	01:26:46	3157	0.0	8.40	4.1			
09/05/2013	01:31:46	95	5.7	8.40	8.0			
09/05/2013	01:36:30					No Returns		
09/05/2013	01:36:30	232	5.7	8.40	35.0			
09/05/2013	01:36:46	221	5.7	8.40	36.5			
09/05/2013	01:41:46	97	5.7	8.40	65.0			
09/05/2013	01:44:33					10 BBL Water		

Well SGU 8509B-33 E34 496 8509B-33			Field Story Gulch	Job Start Sep/04/2013	Customer EnCana	Job Number CMI1-00260
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
09/05/2013	01:46:31					20 BBL S001
09/05/2013	01:46:31	118	6.4	9.15	92.7	
09/05/2013	01:46:46	111	6.4	9.19	94.3	
09/05/2013	01:51:46	164	4.9	8.39	125.6	
09/05/2013	01:52:14					10 BBL Water
09/05/2013	01:52:14	177	4.9	8.39	127.9	
09/05/2013	01:52:15					30 BBL ZoneLOCK
09/05/2013	01:52:15	177	4.9	8.51	128.0	
09/05/2013	01:56:46	318	6.5	10.19	153.8	
09/05/2013	01:57:58					10 BBL Water
09/05/2013	01:57:58	278	6.4	8.43	161.6	
09/05/2013	01:59:56					40 BBL PressureNET
09/05/2013	01:59:56	84	3.9	8.40	172.9	
09/05/2013	02:01:46	151	5.7	8.40	183.0	
09/05/2013	02:06:46	167	5.7	8.40	211.6	
09/05/2013	02:07:01					10 BBL Water
09/05/2013	02:07:01	125	5.7	8.40	213.0	
09/05/2013	02:09:03					20 BBL S001
09/05/2013	02:09:03	237	6.4	8.49	224.7	
09/05/2013	02:09:20					No Returns
09/05/2013	02:09:20	268	6.4	9.24	226.5	
09/05/2013	02:11:46	260	6.1	8.42	241.8	
09/05/2013	02:12:00					10 BBL Water
09/05/2013	02:12:00	286	6.1	8.41	243.2	
09/05/2013	02:13:46					30 BBL ZoneLOCK
09/05/2013	02:13:46	245	6.5	8.90	254.3	
09/05/2013	02:16:46	355	6.4	10.00	272.3	
09/05/2013	02:20:09					10 BBL Water
09/05/2013	02:20:09	93	0.0	25.00	287.4	
09/05/2013	02:21:46	86	3.5	8.40	292.0	
09/05/2013	02:26:46	234	5.0	8.97	312.9	
09/05/2013	02:29:47					No Returns
09/05/2013	02:29:47	78	5.1	8.94	328.0	
09/05/2013	02:29:49					Wet Sample 8.6 ppg
09/05/2013	02:29:49	77	5.1	8.94	328.2	
09/05/2013	02:31:46	181	5.2	8.97	338.3	
09/05/2013	02:33:38					Start Mixing Lead Slurry
09/05/2013	02:33:38	283	5.4	9.03	348.2	
09/05/2013	02:33:50					No Returns
09/05/2013	02:33:50	221	5.5	9.02	349.3	
09/05/2013	02:36:46	389	7.8	9.05	369.2	
09/05/2013	02:41:46	326	6.4	9.03	404.9	
09/05/2013	02:45:31					85 BBL Lead Away Good Returns
09/05/2013	02:45:31	239	5.0	9.06	426.1	
09/05/2013	02:46:46	240	5.0	9.06	432.3	
09/05/2013	02:51:46	241	5.0	9.11	457.2	
09/05/2013	02:55:24					Wet Sample 9.0 ppg
09/05/2013	02:55:24	250	4.9	9.14	475.3	
09/05/2013	02:56:46	244	5.0	9.14	482.1	
09/05/2013	03:01:46	234	5.0	9.04	507.0	
09/05/2013	03:06:40					195 Slurry Away / Contamination
09/05/2013	03:06:40	250	5.0	9.03	531.5	
09/05/2013	03:06:46	251	5.0	9.03	532.0	
09/05/2013	03:11:46	258	5.0	9.05	556.9	

Well			Field		Job Start		Customer		Job Number	
SGU 8509B-33 E34 496 8509B-33			Story Gulch		Sep/04/2013		EnCana		CM11-00260	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
09/05/2013	03:17:23					Good Returns				
09/05/2013	03:17:23	242	4.8	9.10	585.0					
09/05/2013	03:21:46	408	6.4	9.09	607.8					
09/05/2013	03:26:46	397	6.4	9.03	639.8					
09/05/2013	03:31:46	375	6.4	9.02	672.0					
09/05/2013	03:36:46	352	6.4	9.05	704.1					
09/05/2013	03:41:46	351	6.4	9.08	736.0					
09/05/2013	03:46:46	371	6.4	9.07	767.9					
09/05/2013	03:51:46	378	6.4	9.09	799.5					
09/05/2013	03:56:46	343	6.4	9.10	831.5					
09/05/2013	03:56:55					End Lead Slurry				
09/05/2013	03:56:55	350	6.4	9.10	832.4					
09/05/2013	03:57:07					Good Returns				
09/05/2013	03:57:07	342	6.4	9.10	833.7					
09/05/2013	04:01:46	161	3.5	12.13	853.9					
09/05/2013	04:02:55					Start Mixing Tail Slurry				
09/05/2013	04:02:55	293	4.0	12.59	857.9					
09/05/2013	04:06:46	377	6.5	12.55	882.1					
09/05/2013	04:11:46	359	6.5	12.42	914.7					
09/05/2013	04:15:00					End Tail Slurry				
09/05/2013	04:15:00	365	6.5	12.44	935.7					
09/05/2013	04:15:03					Drop Top Plug				
09/05/2013	04:15:03	351	6.5	12.44	936.0					
09/05/2013	04:15:04					Start Displacement				
09/05/2013	04:15:04	371	6.5	12.44	936.1					
09/05/2013	04:15:08					Wash Up On Plug				
09/05/2013	04:15:08	358	6.5	12.43	936.6					
09/05/2013	04:16:46	58	2.3	12.48	941.9					
09/05/2013	04:21:46	152	4.2	8.94	954.1					
09/05/2013	04:26:46	-7	0.0	8.41	983.6					
09/05/2013	04:31:46	233	6.4	8.40	1003.6					
09/05/2013	04:35:05					Full Returns				
09/05/2013	04:35:05	221	6.4	8.39	1025.0					
09/05/2013	04:35:55					25 BBLAway Good Slurry				
09/05/2013	04:35:55	223	6.4	8.39	1030.3					
09/05/2013	04:36:46	240	6.4	8.39	1035.8					
09/05/2013	04:37:59					290 BBLSlurry To Surface				
09/05/2013	04:37:59	230	6.4	8.39	1043.6					
09/05/2013	04:41:46	243	6.4	8.39	1067.9					
09/05/2013	04:46:46	222	6.0	8.39	1099.0					
09/05/2013	04:51:46	282	6.0	8.39	1128.8					
09/05/2013	04:56:46	418	6.0	8.39	1158.8					
09/05/2013	05:01:46	383	4.0	8.39	1184.3					
09/05/2013	05:06:46	875	0.0	8.40	1191.6					
09/05/2013	05:11:46	879	0.0	8.40	1191.6					
09/05/2013	05:16:46	1	0.0	8.40	1191.6					
09/05/2013	05:16:53					Bump Top Plug 850 psi				
09/05/2013	05:16:53	-0	0.0	8.40	1191.6					
09/05/2013	05:16:54					End Displacement				
09/05/2013	05:16:54	-0	0.0	8.40	1191.6					
09/05/2013	05:21:46	221	0.0	8.40	1191.6					
09/05/2013	05:22:22					Hold For 10 min				
09/05/2013	05:22:22	190	0.2	8.42	1193.1					
09/05/2013	05:22:23					Bleed Off / 1 BBL Back				

Well SGU 8509B-33 E34 496 8509B-33			Field Story Gulch		Job Start Sep/04/2013		Customer EnCana		Job Number CMI1-00260	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G	Volume BBL		Message		
09/05/2013	05:22:23	187		0.1	8.42	1193.1				
09/05/2013	05:50:21							Hook Up Parasite Line		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 5.5	N2	Mud 0.0	Maximum Rate 7.9		Total Slurry 560.0	Mud 0.0	Spacer 348.1	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3303	Final 199	Average 330	Bump Plug to 850	Breakdown	Type		Volume 1156.0 bbl	Density		
Avg. N2 Percent		Designed Slurry Volume 558.0 bbl		Displacement 222.0 bbl		Mix Water Temp 79 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 290.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Norman McCreary				Schlumberger Supervisor Travis Willardson / Cole Fairbrook				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-