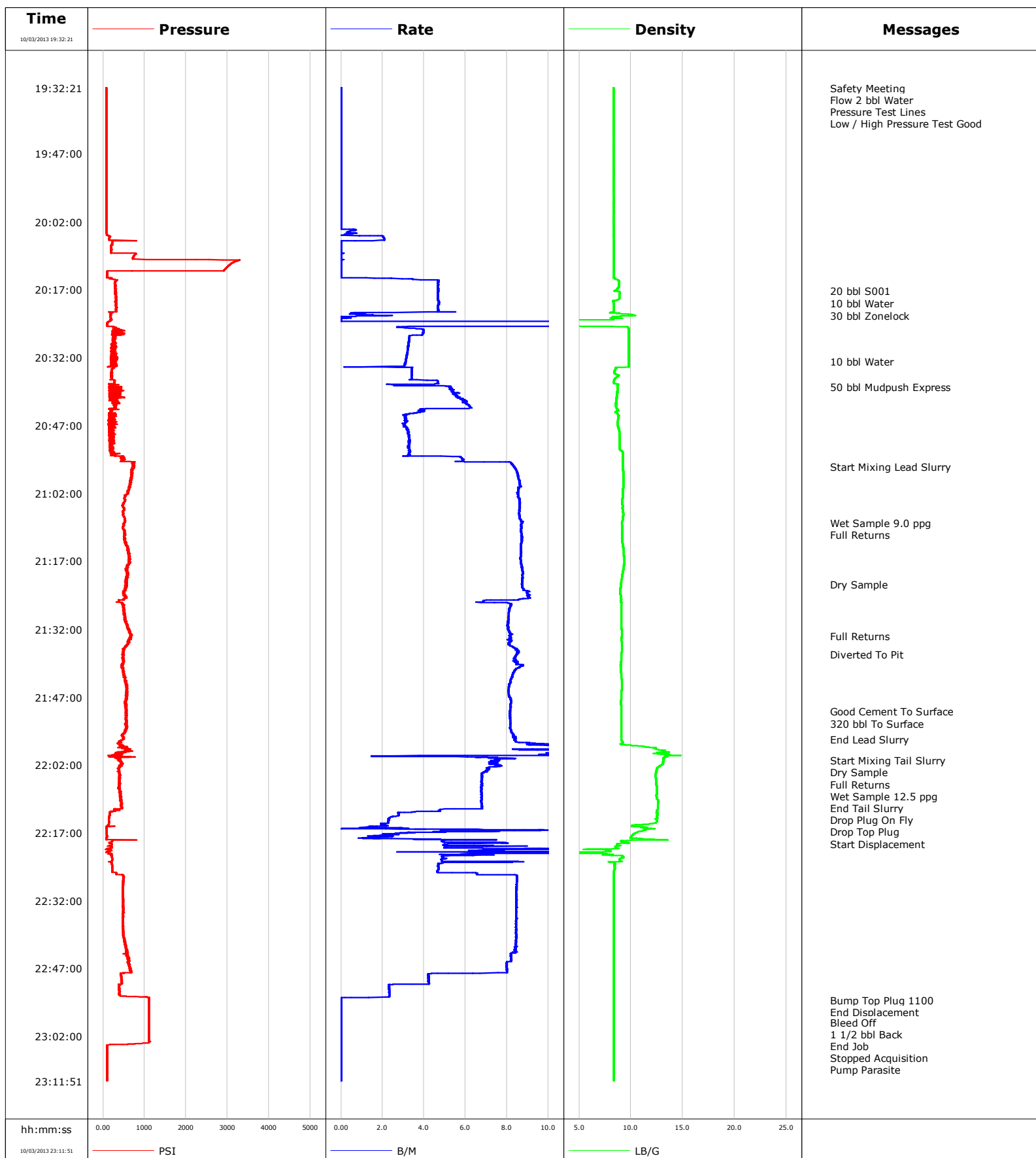


Well SG 8509C-33
Field Story Gulch
Engineer Travis Willardson / Stacy Terry
Country United States

Client EnCana
SIR No. CPU7-00045
Job Type 9 5/8 Surface
Job Date 10-03-2013

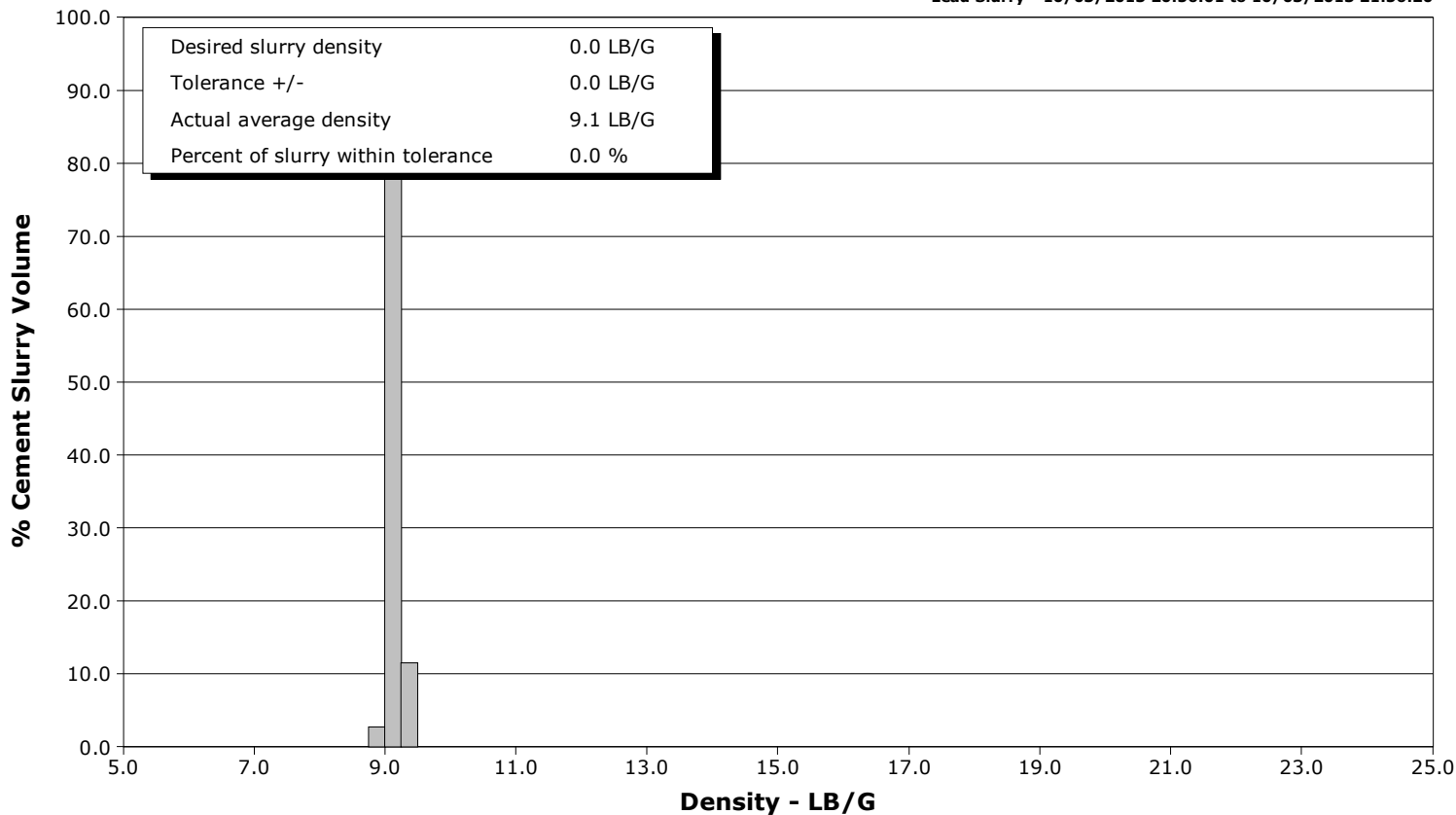


Schlumberger Cementing Qa/Qc Density Report

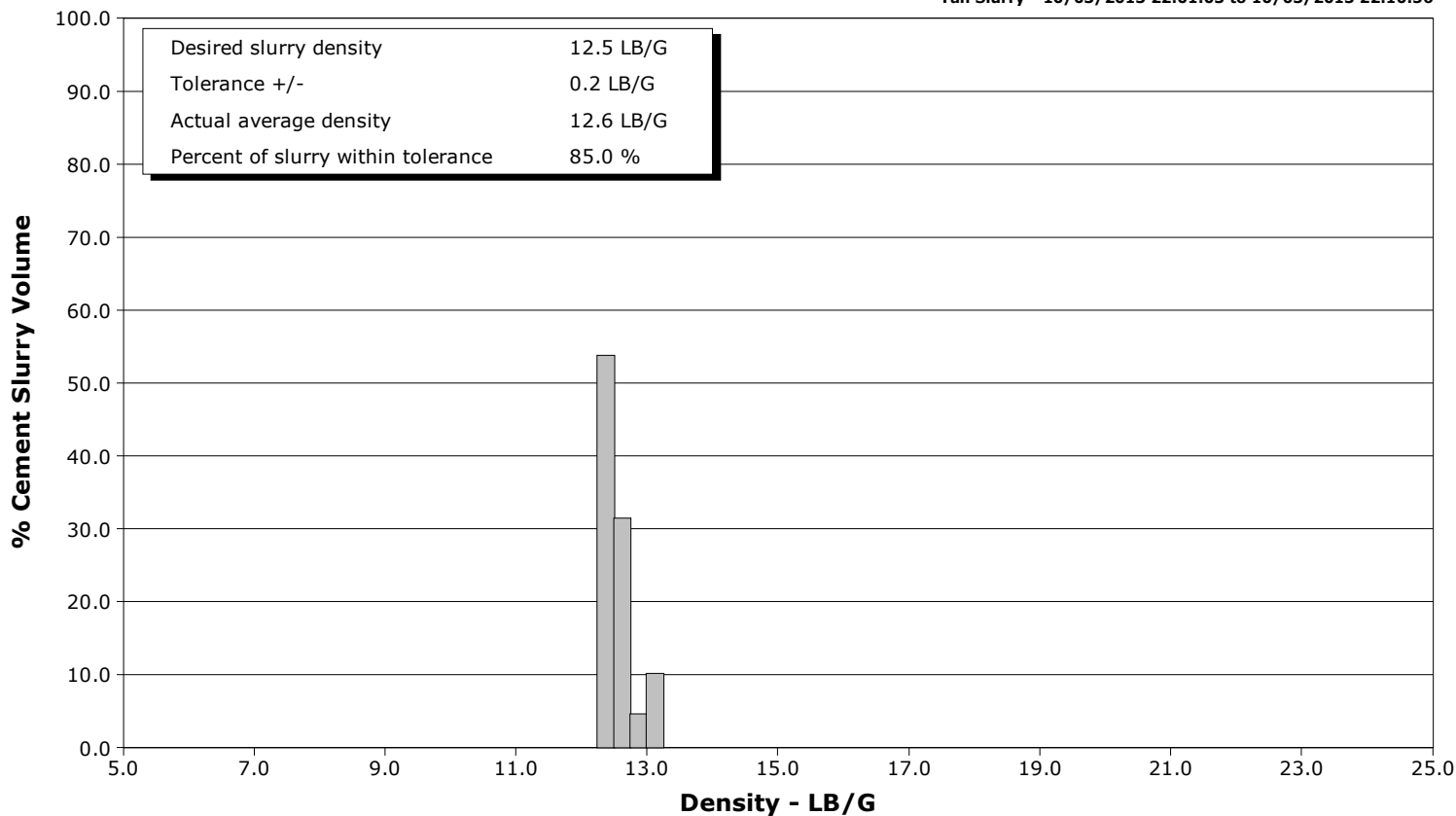
Well SG 8509C-33
Field Story Gulch
Engineer Travis Willardson / Stacy Terry
Country United States

Client EnCana
SIR No. CPU7-00045
Job Type 9 5/8 Surface
Job Date 10-03-2013

Lead Slurry - 10/03/2013 20:56:01 to 10/03/2013 21:56:20



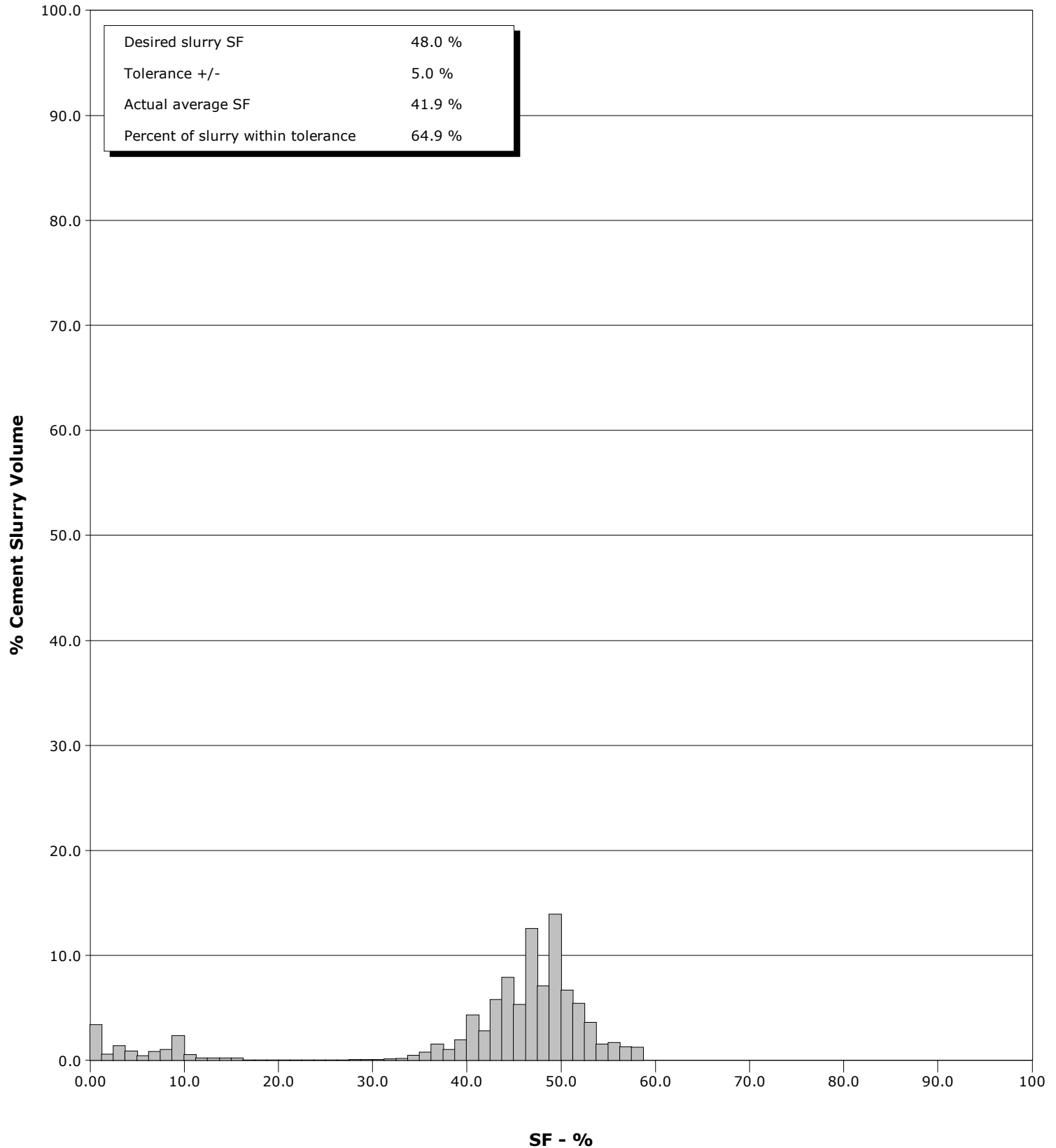
Tail Slurry - 10/03/2013 22:01:03 to 10/03/2013 22:10:56



Well SG 8509C-33
Field Story Gulch
Engineer Travis Willardson / Stacy Terry
Country United States

Client EnCana
SIR No. CPU7-00045
Job Type 9 5/8 Surface
Job Date 10-03-2013

Cement Slurry - 10/03/2013 20:31:35 to 10/03/2013 22:02:10





Cementing Service Report

				Customer EnCana			Job Number CPU7-00045								
Well SG 8509C-33 8509C-33			Location (legal) E34			Schlumberger Location Grand Junction			Job Start Oct/03/2013						
Field Story Gulch		Formation Name/Type Dirty-Sandstone			Deviation		Bit Size 14.8 in		Well MD 2973.0 ft		Well TVD 2973.0 ft				
County Garfield		State/Province Colorado			BHP		BHST 120 degF		BHCT 92 degF		Pore Press. Gradient				
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		120.0		20.000		58.6		N/A		N/A	
						2975.0		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 Surface													
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole									
						Top,		Bottom,				No. of Shots		Total Interval	
														Diameter	
						Treat Down Casing		Displacement 227.0 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 2970.0 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 Oct/03/2013		Arrived on Location Oct/03/2013		Leave Location Oct/03/2013		Collar Type Float				Tail Pipe Depth					
						Collar Depth 2930.0 ft				Sqz. Total Vol.					
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M		Density LB/G		Volume BBL		Message					
10/03/2013	19:31:45									Started Acquisition					
10/03/2013	19:32:18									Start Job					
10/03/2013	19:32:21	81		0.0		8.33		0.0							
10/03/2013	19:32:24									Safety Meeting					
10/03/2013	19:32:24									Flow 2 bbl Water					
10/03/2013	19:32:24	81		0.0		8.33		0.0							
10/03/2013	19:32:26									Pressure Test Lines					
10/03/2013	19:32:26	81		0.0		8.33		0.0							
10/03/2013	19:32:28									Low / High Pressure Test Good					
10/03/2013	19:32:28	82		0.0		8.33		0.0							
10/03/2013	19:35:05	81		0.0		8.33		0.0							
10/03/2013	19:38:25	81		0.0		8.33		0.1							
10/03/2013	19:41:45	81		0.0		8.33		0.1							
10/03/2013	19:45:05	81		0.0		8.33		0.1							
10/03/2013	19:48:25	81		0.0		8.33		0.2							
10/03/2013	19:51:45	81		0.0		8.33		0.2							
10/03/2013	19:55:05	80		0.0		8.33		0.2							
10/03/2013	19:58:25	82		0.0		8.33		0.3							
10/03/2013	20:01:45	80		0.0		8.33		0.3							
10/03/2013	20:05:05	134		0.9		8.34		0.9							
10/03/2013	20:08:25	201		0.0		8.34		3.1							

Well SG 8509C-33 8509C-33			Field Story Gulch	Job Start Oct/03/2013	Customer EnCana	Job Number CPU7-00045
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
10/03/2013	20:15:05	304	4.7	8.81	5.5	
10/03/2013	20:17:16					20 bbl S001
10/03/2013	20:17:16	307	4.7	8.42	15.8	
10/03/2013	20:18:25	330	4.7	8.89	21.1	
10/03/2013	20:20:02					10 bbl Water
10/03/2013	20:20:02	310	4.7	8.31	28.7	
10/03/2013	20:21:45	320	4.7	8.34	36.8	
10/03/2013	20:22:48					30 bbl Zonelock
10/03/2013	20:22:48	179	1.6	10.05	38.9	
10/03/2013	20:25:05	128	25.0	0.74	66.0	
10/03/2013	20:28:25	267	3.3	9.78	78.5	
10/03/2013	20:31:45	319	3.2	9.78	89.3	
10/03/2013	20:32:50					10 bbl Water
10/03/2013	20:32:50	207	3.1	9.78	92.7	
10/03/2013	20:35:05	209	3.4	8.42	99.6	
10/03/2013	20:38:25	455	5.2	8.71	112.1	
10/03/2013	20:38:28					50 bbl Mudpush Express
10/03/2013	20:38:28	150	5.3	8.71	112.3	
10/03/2013	20:41:45	247	6.0	8.60	130.6	
10/03/2013	20:45:05	143	3.1	8.80	146.4	
10/03/2013	20:48:25	185	3.3	8.88	156.8	
10/03/2013	20:51:45	210	3.3	8.92	167.7	
10/03/2013	20:55:05	692	8.0	9.23	182.0	
10/03/2013	20:56:01					Start Mixing Lead Slurry
10/03/2013	20:56:01	736	8.3	9.22	189.7	
10/03/2013	20:58:25	703	8.5	9.25	210.0	
10/03/2013	21:01:45	617	8.5	9.22	238.6	
10/03/2013	21:05:05	492	8.6	9.19	267.2	
10/03/2013	21:08:25	525	8.7	9.13	295.9	
10/03/2013	21:08:35					Wet Sample 9.0 ppg
10/03/2013	21:08:35	507	8.7	9.13	297.3	
10/03/2013	21:09:14					Full Returns
10/03/2013	21:09:14	510	8.7	9.15	303.0	
10/03/2013	21:11:45	501	8.7	9.15	324.9	
10/03/2013	21:15:05	599	8.7	9.31	353.8	
10/03/2013	21:18:25	587	8.7	9.31	382.7	
10/03/2013	21:21:45	570	8.7	9.05	411.9	
10/03/2013	21:22:05					Dry Sample
10/03/2013	21:22:05	566	8.7	9.03	414.8	
10/03/2013	21:25:05	560	9.1	9.03	441.5	
10/03/2013	21:28:25	502	8.1	9.05	468.3	
10/03/2013	21:31:45	583	8.1	9.09	495.1	
10/03/2013	21:33:32					Full Returns
10/03/2013	21:33:32	652	8.2	9.10	509.6	
10/03/2013	21:35:05	631	8.1	9.12	522.2	
10/03/2013	21:37:36					Diverted To Pit
10/03/2013	21:37:36	463	8.5	9.09	543.3	
10/03/2013	21:38:25	461	8.4	9.07	550.1	
10/03/2013	21:41:45	493	8.3	9.05	578.4	
10/03/2013	21:45:05	597	8.1	9.11	605.6	
10/03/2013	21:48:25	554	8.2	9.04	632.7	
10/03/2013	21:50:12					Good Cement To Surface
10/03/2013	21:50:12	540	8.1	9.08	647.2	
10/03/2013	21:51:45	542	8.1	9.09	659.9	

Well			Field		Job Start		Customer		Job Number	
SG 8509C-33 8509C-33			Story Gulch		Oct/03/2013		EnCana		CPU7-00045	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/03/2013	21:52:57	564	8.2	9.09	669.6					
10/03/2013	21:55:05	511	8.3	9.07	687.1					
10/03/2013	21:56:20					End Lead Slurry				
10/03/2013	21:56:20	478	8.4	9.05	697.5					
10/03/2013	21:58:25	473	11.1	12.42	717.9					
10/03/2013	22:01:03					Start Mixing Tail Slurry				
10/03/2013	22:01:03	423	7.2	13.11	742.4					
10/03/2013	22:01:45	457	7.5	13.10	747.6					
10/03/2013	22:02:44					Dry Sample				
10/03/2013	22:02:44	393	7.1	12.53	754.9					
10/03/2013	22:03:08					Full Returns				
10/03/2013	22:03:08	389	7.1	12.52	757.7					
10/03/2013	22:03:42					Wet Sample 12.5 ppg				
10/03/2013	22:03:42	394	6.9	12.44	761.7					
10/03/2013	22:05:05	387	6.8	12.41	771.1					
10/03/2013	22:08:25	413	6.8	12.48	793.6					
10/03/2013	22:10:56					End Tail Slurry				
10/03/2013	22:10:56	445	6.8	12.59	810.7					
10/03/2013	22:11:05					Drop Plug On Fly				
10/03/2013	22:11:05	437	6.8	12.61	811.7					
10/03/2013	22:11:06					Drop Top Plug				
10/03/2013	22:11:06	438	6.8	12.61	811.8					
10/03/2013	22:11:08					Start Displacement				
10/03/2013	22:11:08	448	6.8	12.61	812.0					
10/03/2013	22:11:45	278	6.1	12.59	816.2					
10/03/2013	22:15:05	136	2.1	11.83	825.9					
10/03/2013	22:18:25	80	4.8	11.81	836.0					
10/03/2013	22:21:45	210	6.6	7.79	859.3					
10/03/2013	22:25:05	223	4.7	8.42	876.2					
10/03/2013	22:28:25	490	8.5	8.36	900.7					
10/03/2013	22:31:45	490	8.5	8.36	928.9					
10/03/2013	22:35:05	476	8.4	8.36	957.1					
10/03/2013	22:38:25	480	8.4	8.36	985.2					
10/03/2013	22:41:45	527	8.4	8.35	1013.3					
10/03/2013	22:45:05	630	8.2	8.35	1041.1					
10/03/2013	22:48:25	440	4.2	8.34	1066.4					
10/03/2013	22:51:45	388	2.3	8.34	1078.1					
10/03/2013	22:53:57					Bump Top Plug 1100				
10/03/2013	22:53:57	1104	0.0	8.34	1081.9					
10/03/2013	22:53:58					End Displacement				
10/03/2013	22:53:58	1106	0.0	8.34	1081.9					
10/03/2013	22:55:05	1106	0.0	8.34	1081.9					
10/03/2013	22:58:25	1105	0.0	8.34	1081.9					
10/03/2013	22:58:52					Bleed Off				
10/03/2013	22:58:52	1105	0.0	8.34	1081.9					
10/03/2013	22:58:53					1 1/2 bbl Back				
10/03/2013	22:58:53	1105	0.0	8.34	1081.9					
10/03/2013	23:01:43					End Job				
10/03/2013	23:01:43	1106	0.0	8.34	1081.9					
10/03/2013	23:01:45	1106	0.0	8.34	1081.9					
10/03/2013	23:05:05	97	0.0	8.34	1082.0					
10/03/2013	23:08:25	97	0.0	8.34	1082.0					
10/03/2013	23:11:45	96	0.0	8.34	1082.0					
10/03/2013	23:11:53					Stopped Acquisition				

Well SG 8509C-33 8509C-33	Field Story Gulch	Job Start Oct/03/2013	Customer EnCana	Job Number CPU7-00045
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.6	N2	Mud 0.0	Maximum Rate 25.0	Total Slurry 560.0	Mud 0.0	Spacer 294.1	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3296	Final 1105	Average 404	Bump Plug to 1100	Breakdown	Type	Volume 847.0 bbl	Density	
Avg. N2 Percent	Designed Slurry Volume 560.0 bbl		Displacement 226.0 bbl	Mix Water Temp 54 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative Mike Quintana			Schlumberger Supervisor Travis Willardson / Stacy Terry			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-			