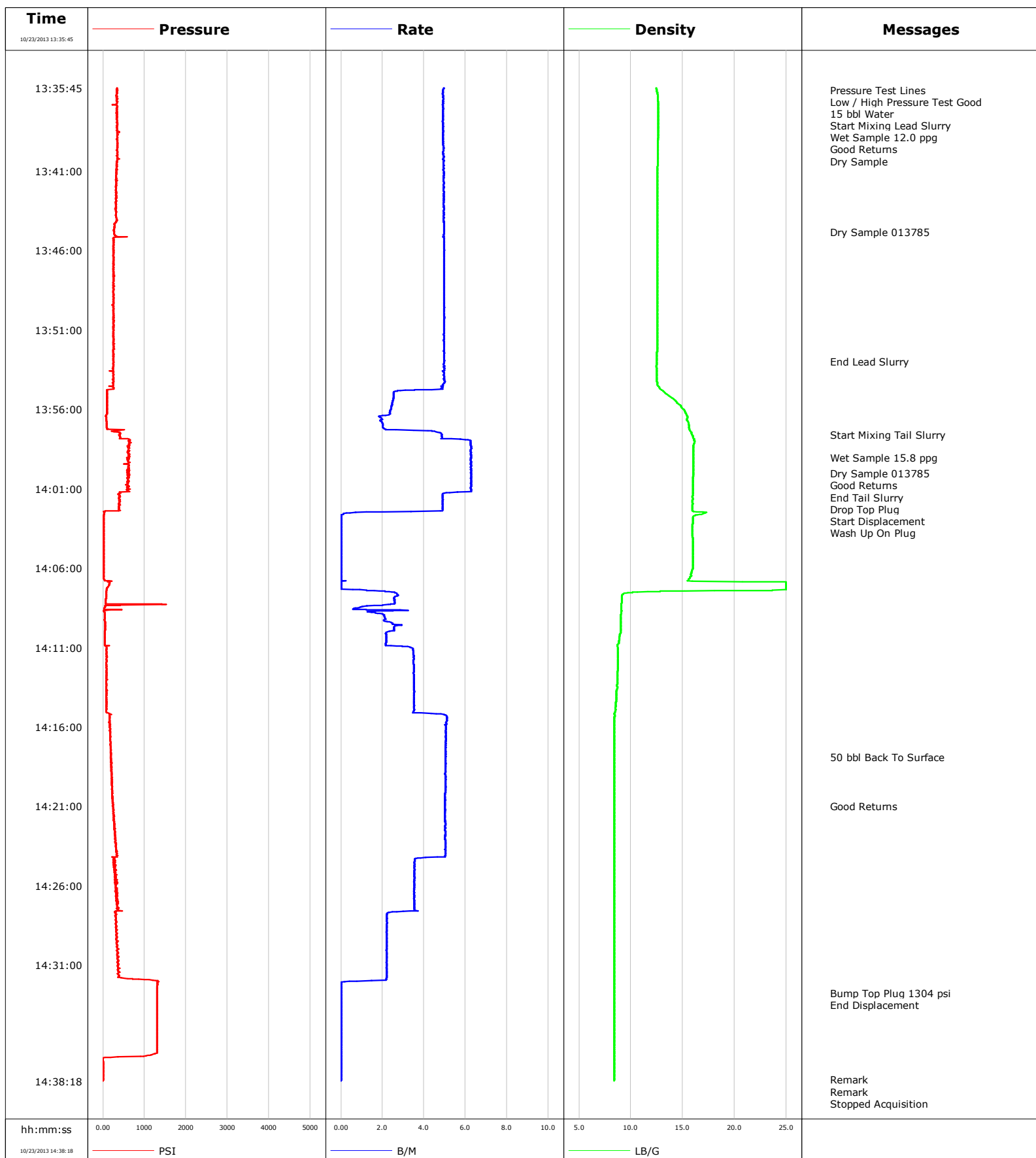


**Well** Rose 22-6D  
**Field** Parachute  
**Engineer** Travis Willardson / Brian David  
**Country** United States

**Client** EnCana  
**SIR No.** C459-01953  
**Job Type** 9 5/8 Surface  
**Job Date** 10-23-2013

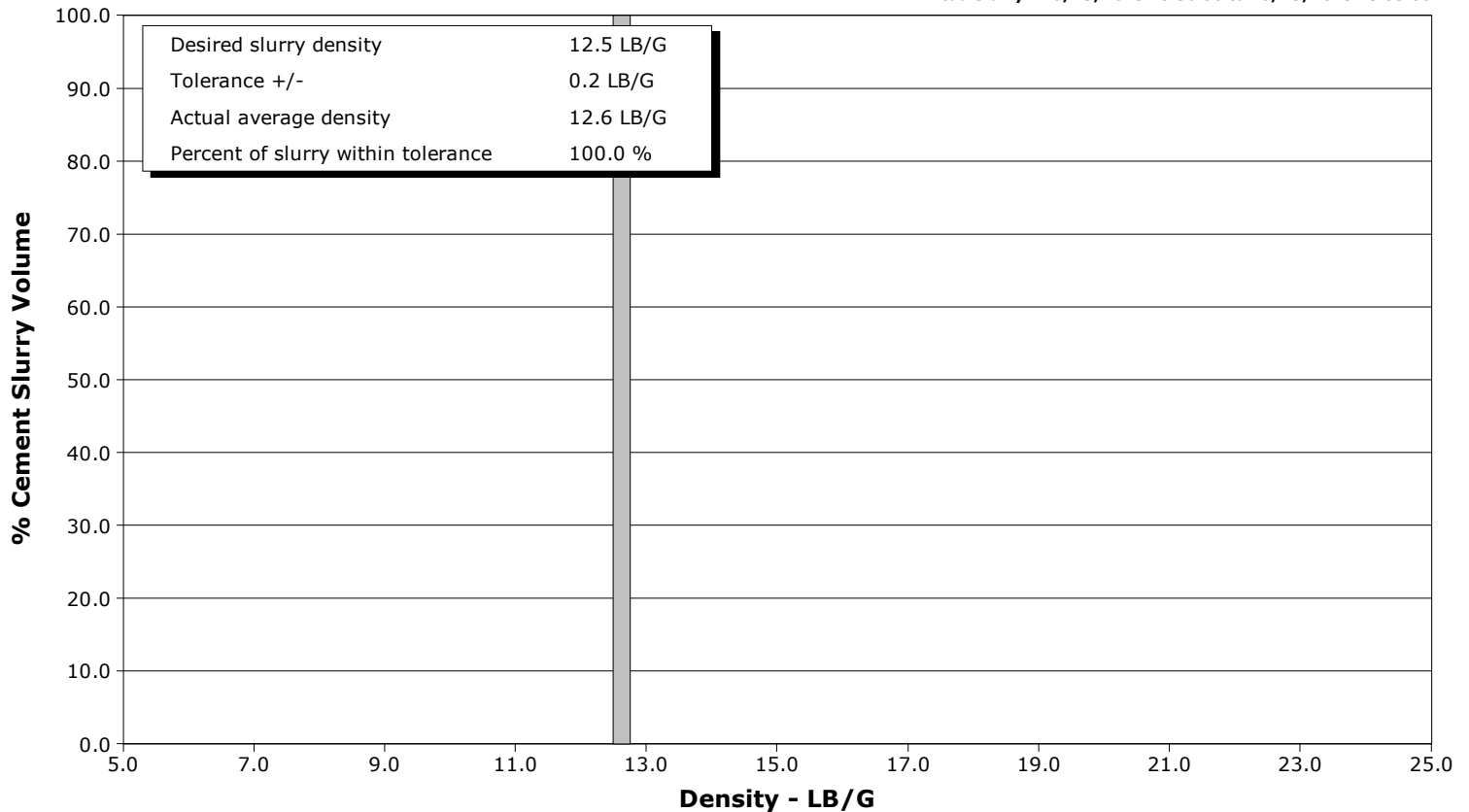


# Schlumberger Cementing Qa/Qc Density Report

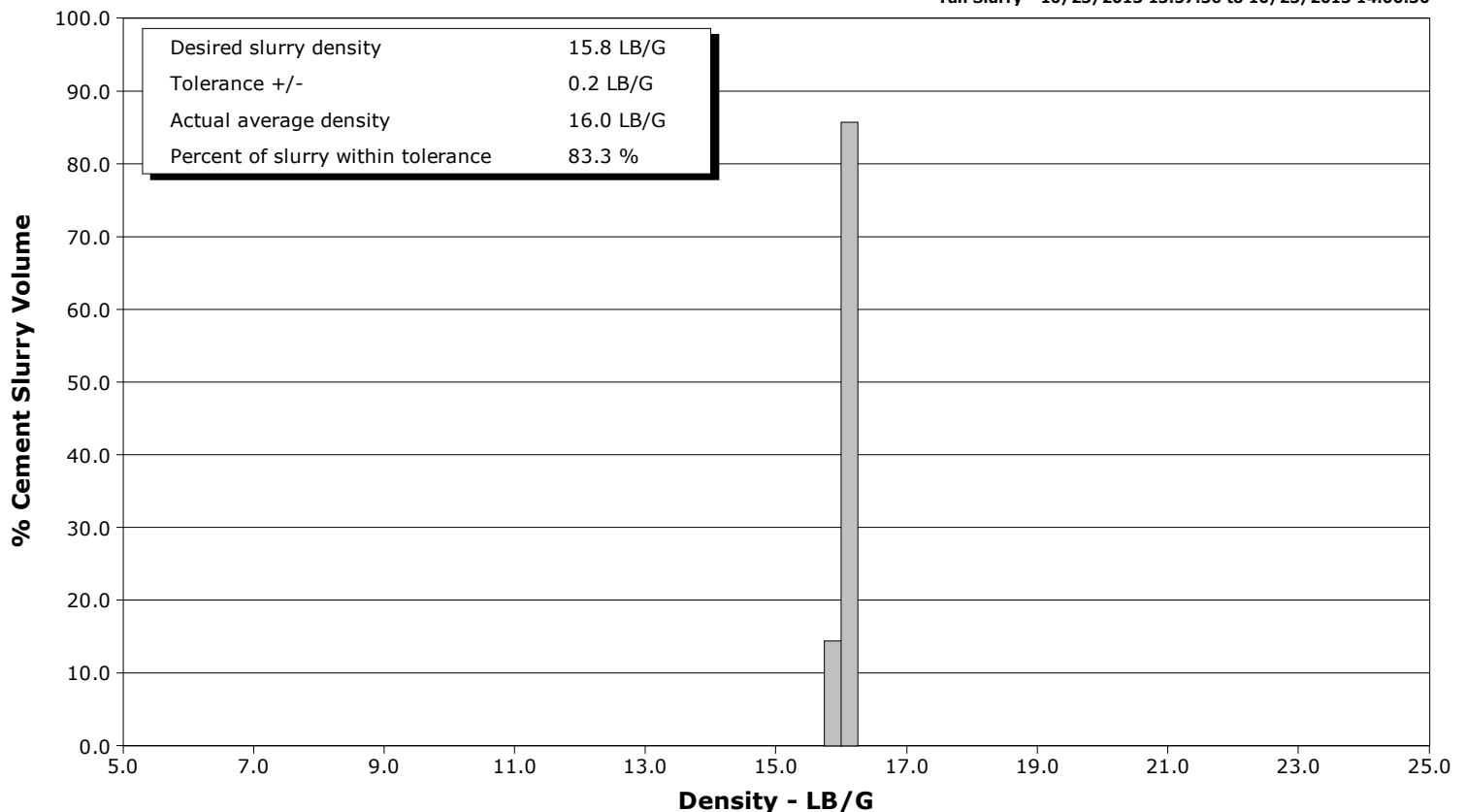
**Well** Rose 22-6D  
**Field** Parachute  
**Engineer** Travis Willardson / Brian David  
**Country** United States

**Client** EnCana  
**SIR No.** C459-01953  
**Job Type** 9 5/8 Surface  
**Job Date** 10-23-2013

Lead Slurry - 10/23/2013 13:36:50 to 10/23/2013 13:53:00



Tail Slurry - 10/23/2013 13:57:36 to 10/23/2013 14:00:30



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Well			Field		Job Start	Customer	Job Number
Rose 22-6D 22.6D			Parachute		Oct/23/2013	EnCana	C459-01953
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
10/23/2013	13:49:01	252	5.0	12.54	65.7		
10/23/2013	13:52:21	243	5.0	12.53	82.3		
10/23/2013	13:53:00					End Lead Slurry	
10/23/2013	13:53:00	251	5.0	12.51	85.5		
10/23/2013	13:55:41	98	2.5	14.59	96.6		
10/23/2013	13:57:36					Start Mixing Tail Slurry	
10/23/2013	13:57:36	417	4.9	15.88	101.4		
10/23/2013	13:59:01	611	6.3	16.02	109.9		
10/23/2013	13:59:03					Wet Sample 15.8 ppg	
10/23/2013	13:59:03	579	6.3	16.02	110.1		
10/23/2013	14:00:02					Dry Sample 013785	
10/23/2013	14:00:02	587	6.3	16.01	116.3		
10/23/2013	14:00:03					Good Returns	
10/23/2013	14:00:03	599	6.3	16.01	116.4		
10/23/2013	14:00:30					End Tail Slurry	
10/23/2013	14:00:30	605	6.3	15.98	119.2		
10/23/2013	14:00:32					Drop Top Plug	
10/23/2013	14:00:32	640	6.3	15.98	119.4		
10/23/2013	14:00:33					Start Displacement	
10/23/2013	14:00:33	586	6.3	15.98	119.5		
10/23/2013	14:00:34					Wash Up On Plug	
10/23/2013	14:00:34	586	6.3	15.98	119.6		
10/23/2013	14:02:21	376	4.9	15.92	129.3		
10/23/2013	14:05:41	21	0.0	15.98	129.9		
10/23/2013	14:09:01	44	2.1	9.04	133.3		
10/23/2013	14:12:21	87	3.5	8.72	142.6		
10/23/2013	14:15:41	162	5.1	8.40	155.2		
10/23/2013	14:17:54					50 bbl Back To Surface	
10/23/2013	14:17:54	191	5.0	8.39	166.4		
10/23/2013	14:19:01	214	5.0	8.39	172.0		
10/23/2013	14:21:00					Good Returns	
10/23/2013	14:21:00	236	5.0	8.39	182.0		
10/23/2013	14:22:21	286	5.0	8.39	188.8		
10/23/2013	14:25:41	295	3.5	8.39	203.4		
10/23/2013	14:29:01	329	2.2	8.39	213.3		
10/23/2013	14:32:21	1308	0.0	8.39	219.9		
10/23/2013	14:32:46					Bump Top Plug 1304 psi	
10/23/2013	14:32:46	1305	0.0	8.39	219.9		
10/23/2013	14:32:47					End Displacement	
10/23/2013	14:32:47	1305	0.0	8.39	219.9		
10/23/2013	14:35:41	1302	0.0	8.39	219.9		
10/23/2013	14:38:14					Remark	
10/23/2013	14:38:14	7	0.0	8.39	219.9		
10/23/2013	14:38:15					Remark	
10/23/2013	14:38:15	7	0.0	8.39	219.9		

<b>Well</b> Rose 22-6D 22.6D	<b>Field</b> Parachute	<b>Job Start</b> Oct/23/2013	<b>Customer</b> EnCana	<b>Job Number</b> C459-01953
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.5	N2	Mud 0.0	Maximum Rate 6.3	Total Slurry 140.0	Mud 0.0	Spacer 0.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1536	Final 364	Average 240	Bump Plug to	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume 138.0 bbl		Displacement 86.0 bbl	Mix Water Temp 58 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 50.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative Mike Olsen			Schlumberger Supervisor Travis Willardson / Brian David			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	