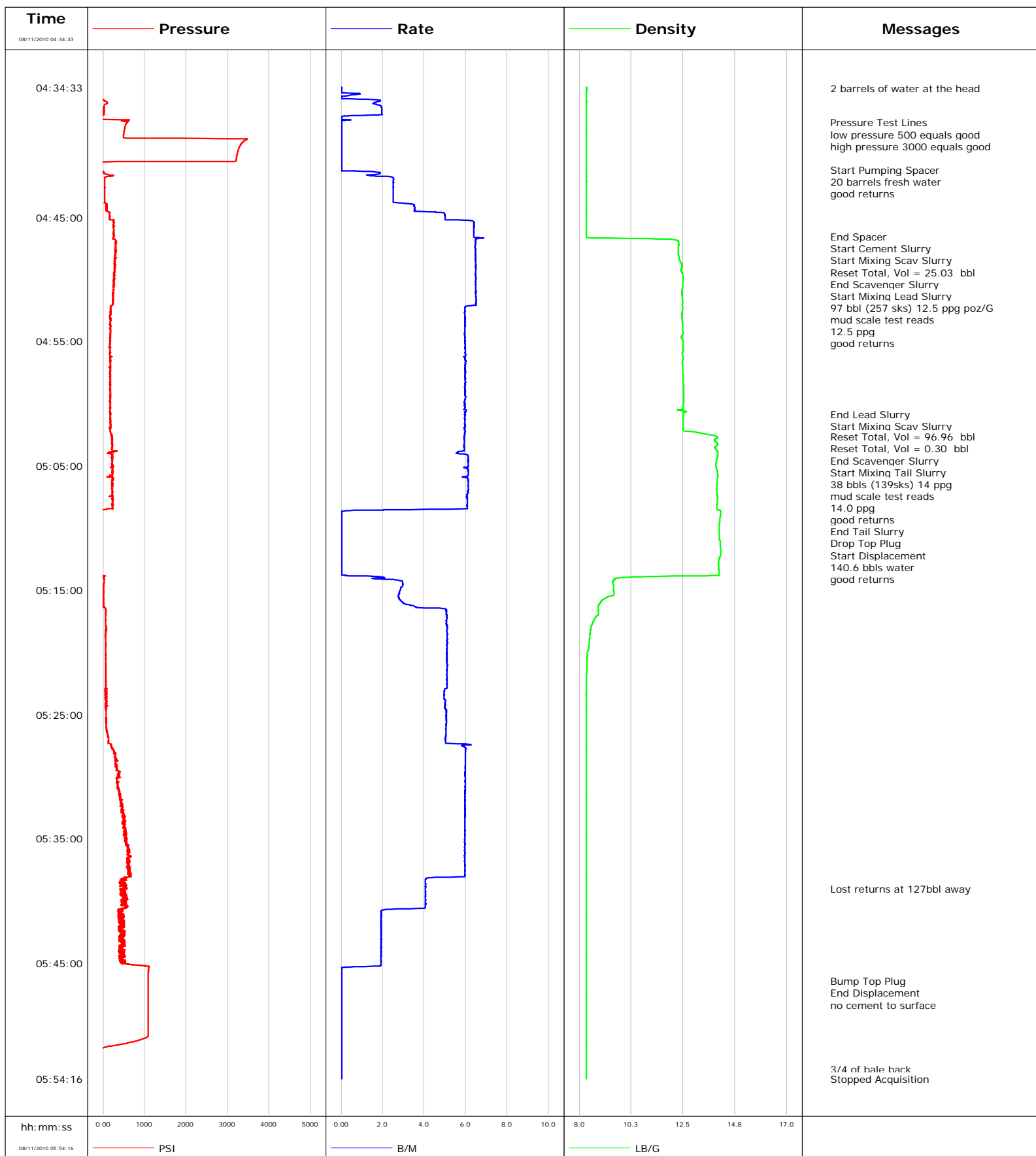


Well WF04B-22 K22 596,1
Field N. Parachute
Engineer Dustin Cyrus Krueger
Country United States

Client Encana
SIR No. BAD4-00139
Job Type 9 5/8 surface
Job Date 08-11-2010



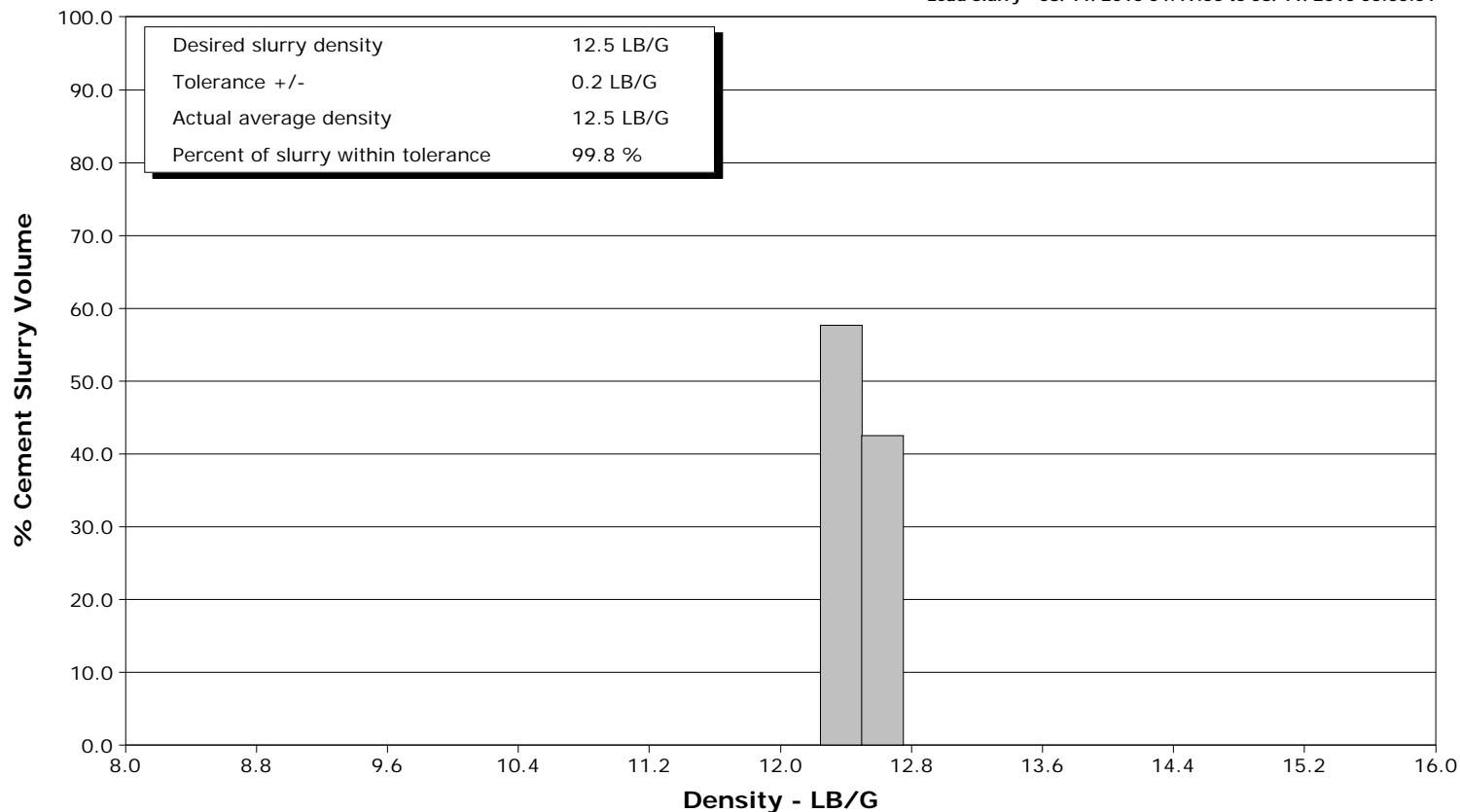
Schlumberger

Cementing Qa/Qc Density Report

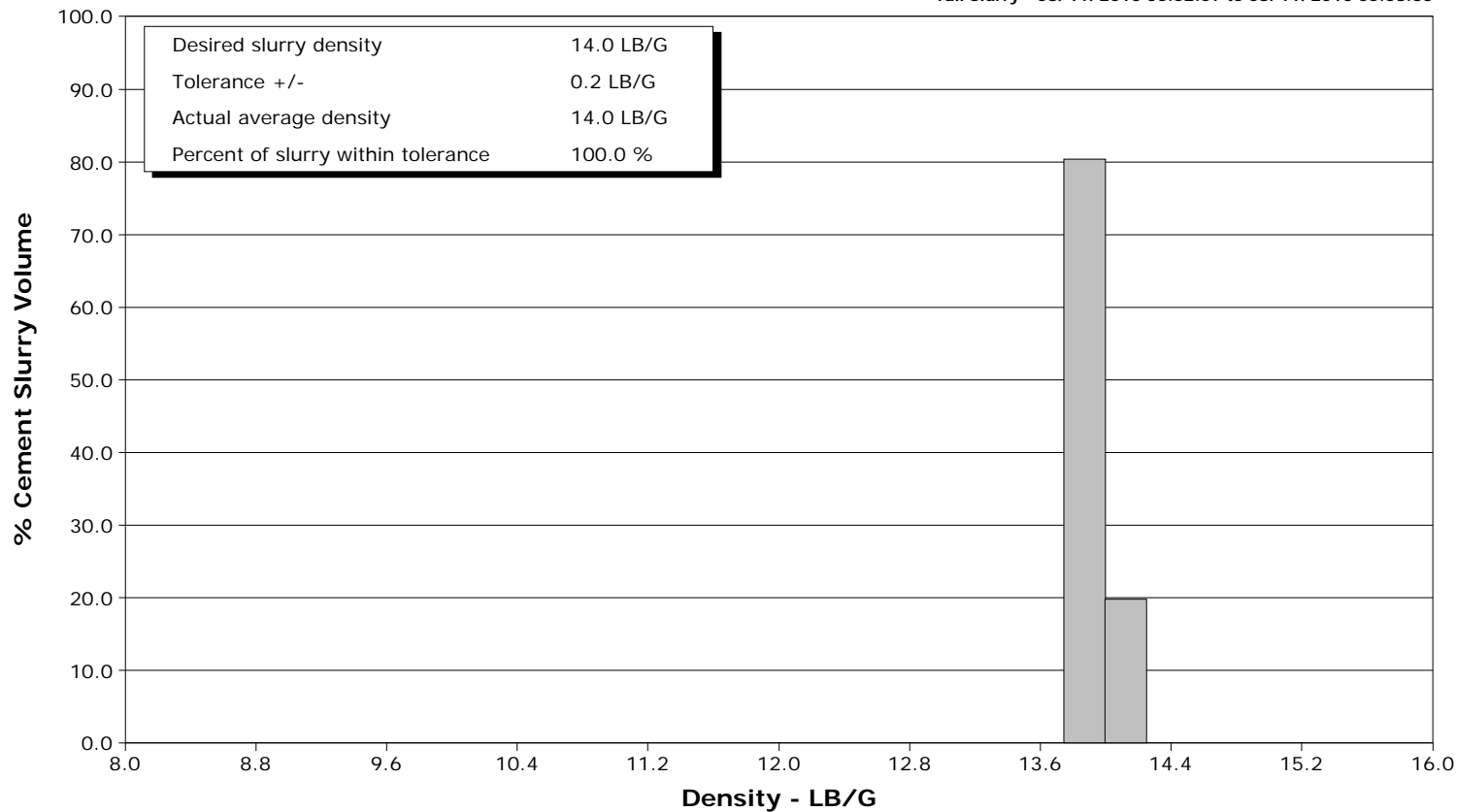
Well WF04B-22 K22 596,1
Field N. Parachute
Engineer Dustin Cyrus Krueger
Country United States

Client Encana
SIR No. BAD4-00139
Job Type 9 5/8 surface
Job Date 08-11-2010

Lead Slurry - 08/11/2010 04:49:55 to 08/11/2010 05:00:51



Tail Slurry - 08/11/2010 05:02:57 to 08/11/2010 05:08:36



Page 1 of 3

Well WF04B-22 K22 596,1 WF04B-22 K22 596,1			Field N. Parachute		Job Start Aug/11/2010		Customer Encana		Job Number BAD4-00139	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/11/2010	04:46:35					End Spacer				
08/11/2010	04:46:35	259	6.4	8.31	23.1					
08/11/2010	04:46:37					Start Cement Slurry				
08/11/2010	04:46:37	257	6.4	8.31	23.3					
08/11/2010	04:46:39					Start Mixing Scav Slurry				
08/11/2010	04:46:39	260	6.7	8.35	23.5					
08/11/2010	04:46:53					Reset Total, Vol = 25.03 bbl				
08/11/2010	04:46:53	315	6.5	12.26	25.0					
08/11/2010	04:48:36	289	6.5	12.39	36.1					
08/11/2010	04:49:53					End Scavenger Slurry				
08/11/2010	04:49:53	279	6.5	12.51	44.5					
08/11/2010	04:49:55					Start Mixing Lead Slurry				
08/11/2010	04:49:55	256	6.5	12.50	44.7					
08/11/2010	04:49:58					97 bbl (257 sks) 12.5 ppg poz/G				
08/11/2010	04:49:58	257	6.5	12.50	45.0					
08/11/2010	04:49:59					mud scale test reads				
08/11/2010	04:49:59					12.5 ppg				
08/11/2010	04:49:59	289	6.5	12.50	45.1					
08/11/2010	04:50:00					good returns				
08/11/2010	04:50:00	291	6.5	12.50	45.2					
08/11/2010	04:51:06	235	6.5	12.46	52.4					
08/11/2010	04:53:36	167	6.0	12.48	67.8					
08/11/2010	04:56:06	174	6.0	12.48	82.8					
08/11/2010	04:58:36	168	6.0	12.53	97.7					
08/11/2010	05:00:51					End Lead Slurry				
08/11/2010	05:00:51	172	6.0	12.51	111.2					
08/11/2010	05:00:52					Start Mixing Scav Slurry				
08/11/2010	05:00:52	185	5.9	12.51	111.3					
08/11/2010	05:01:06	179	6.0	12.51	112.6					
08/11/2010	05:02:40					Reset Total, Vol = 96.96 bbl				
08/11/2010	05:02:40	213	5.9	14.00	122.0					
08/11/2010	05:02:43					Reset Total, Vol = 0.30 bbl				
08/11/2010	05:02:43	212	5.9	14.00	122.3					
08/11/2010	05:02:53					End Scavenger Slurry				
08/11/2010	05:02:53	229	5.9	13.88	123.3					
08/11/2010	05:02:57					Start Mixing Tail Slurry				
08/11/2010	05:02:57	217	5.9	13.87	123.7					
08/11/2010	05:03:03					38 bbls (139sks) 14 ppg				
08/11/2010	05:03:03	204	5.9	13.91	124.3					
08/11/2010	05:03:04					mud scale test reads				
08/11/2010	05:03:04	211	5.9	13.92	124.4					
08/11/2010	05:03:05					14.0 ppg				
08/11/2010	05:03:05	229	5.9	13.93	124.5					
08/11/2010	05:03:06					good returns				
08/11/2010	05:03:06	238	5.9	13.94	124.6					
08/11/2010	05:03:36	212	5.9	13.90	127.5					
08/11/2010	05:06:06	220	6.1	13.99	142.6					
08/11/2010	05:08:36					End Tail Slurry				
08/11/2010	05:08:36	-19	0.4	14.13	157.4					
08/11/2010	05:08:42					Drop Top Plug				
08/11/2010	05:08:42	-21	0.0	14.15	157.5					
08/11/2010	05:08:44					Start Displacement				
08/11/2010	05:08:44	-22	0.0	14.15	157.5					
08/11/2010	05:08:47					140.6 bbls water				

Well			Field		Job Start		Customer		Job Number	
WF04B-22 K22 596,1 WF04B-22 K22 596,1			N. Parachute		Aug/11/2010		Encana		BAD4-00139	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
08/11/2010	05:08:48					good returns				
08/11/2010	05:08:48	-23	0.0	14.14	157.5					
08/11/2010	05:11:06	-26	0.0	14.12	157.5					
08/11/2010	05:13:36	-26	0.0	14.07	157.5					
08/11/2010	05:16:06	6	3.1	8.89	163.6					
08/11/2010	05:18:36	65	5.1	8.47	175.8					
08/11/2010	05:21:06	66	5.1	8.34	188.5					
08/11/2010	05:23:36	50	5.0	8.30	201.2					
08/11/2010	05:26:06	85	5.1	8.32	213.8					
08/11/2010	05:28:36	335	6.0	8.32	227.6					
08/11/2010	05:31:06	398	6.0	8.32	242.6					
08/11/2010	05:33:36	499	6.0	8.32	257.5					
08/11/2010	05:36:06	593	6.0	8.32	272.4					
08/11/2010	05:38:36	411	4.1	8.32	286.4					
08/11/2010	05:39:00					Lost returns at 127bbl away				
08/11/2010	05:39:00	415	4.1	8.32	288.0					
08/11/2010	05:41:06	507	1.9	8.32	295.5					
08/11/2010	05:43:36	537	1.9	8.31	300.3					
08/11/2010	05:46:06	1092	0.0	8.32	303.6					
08/11/2010	05:46:26					Bump Top Plug				
08/11/2010	05:46:26	1092	0.0	8.32	303.6					
08/11/2010	05:46:28					End Displacement				
08/11/2010	05:46:28	1092	0.0	8.32	303.6					
08/11/2010	05:46:30					no cement to surface				
08/11/2010	05:46:30	1092	0.0	8.32	303.6					
08/11/2010	05:48:36	1091	0.0	8.32	303.6					
08/11/2010	05:51:06	936	0.0	8.32	303.6					
08/11/2010	05:53:30					3/4 of bale back				
08/11/2010	05:53:30	-14	0.0	8.32	303.6					
08/11/2010	05:53:36	-14	0.0	8.32	303.6					
08/11/2010	05:54:16	-15	0.0	8.32	303.6					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl									
Slurry 5.0	N2	Mud 0.0	Maximum Rate 6.9	Total Slurry 135.0	Mud 0.0	Spacer 20.0	N2							
Treating Pressure Summary, psi					Breakdown Fluid									
Maximum 3487	Final 500	Average 405	Bump Plug to 1100	Breakdown	Type FreshWater	Volume 343.0 bbl	Density 8.34 lb/gal							
Avg. N2 Percent		Designed Slurry Volume 135.0 bbl		Displacement 141.0 bbl		Mix Water Temp 72 degF		Cement Circulated to Surface?	<input type="checkbox"/>	Volume				
								Washed Thru Perfs	<input type="checkbox"/>	To				
Customer or Authorized Representative Ed Asuchak						Schlumberger Supervisor Dustin Cyrus Krueger				Circulation Lost		<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
										-		-		