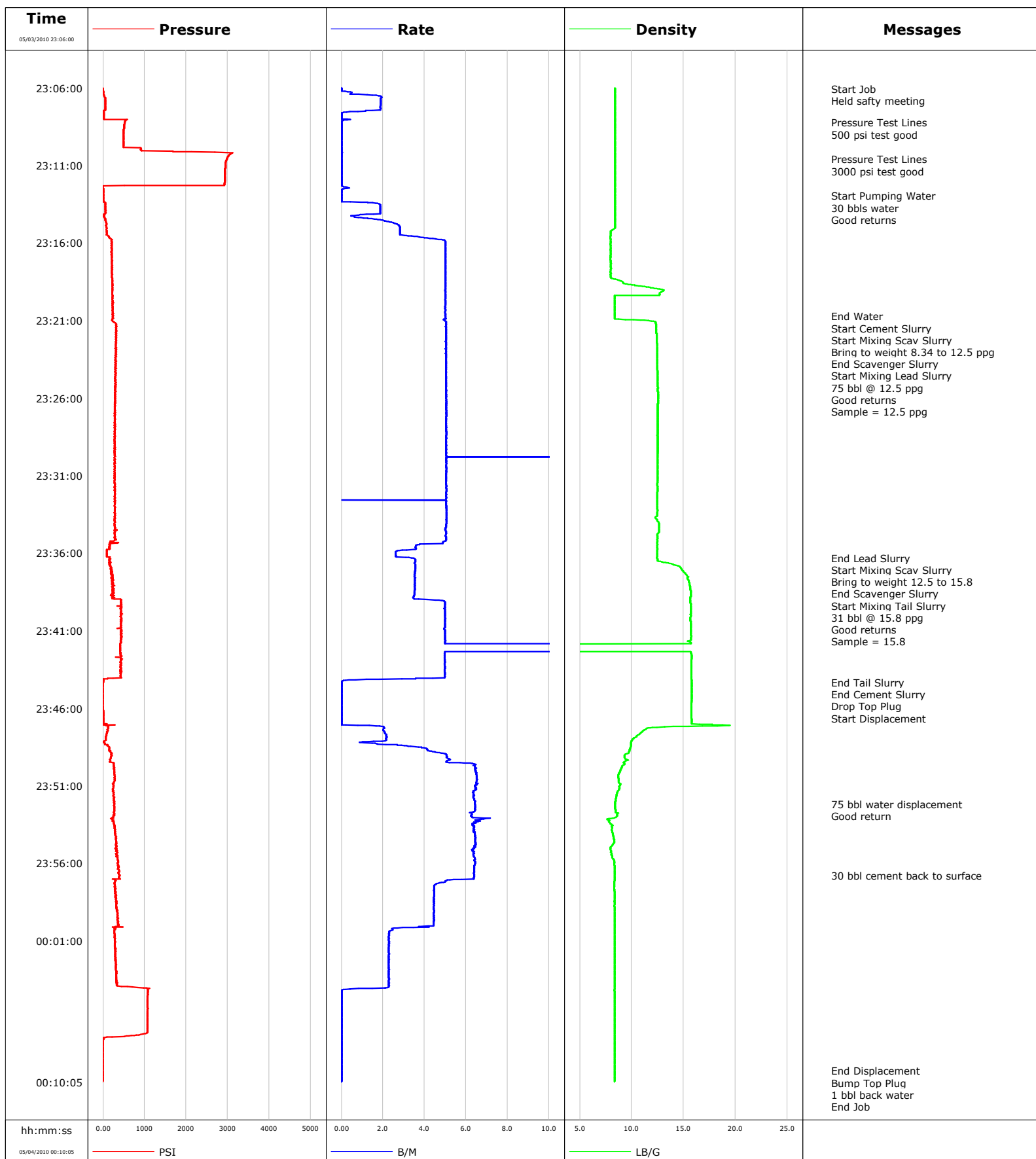


**Well** Shideler 30-13A  
**Field** Mamm Creek  
**Engineer** Terry Borg  
**Country** United States

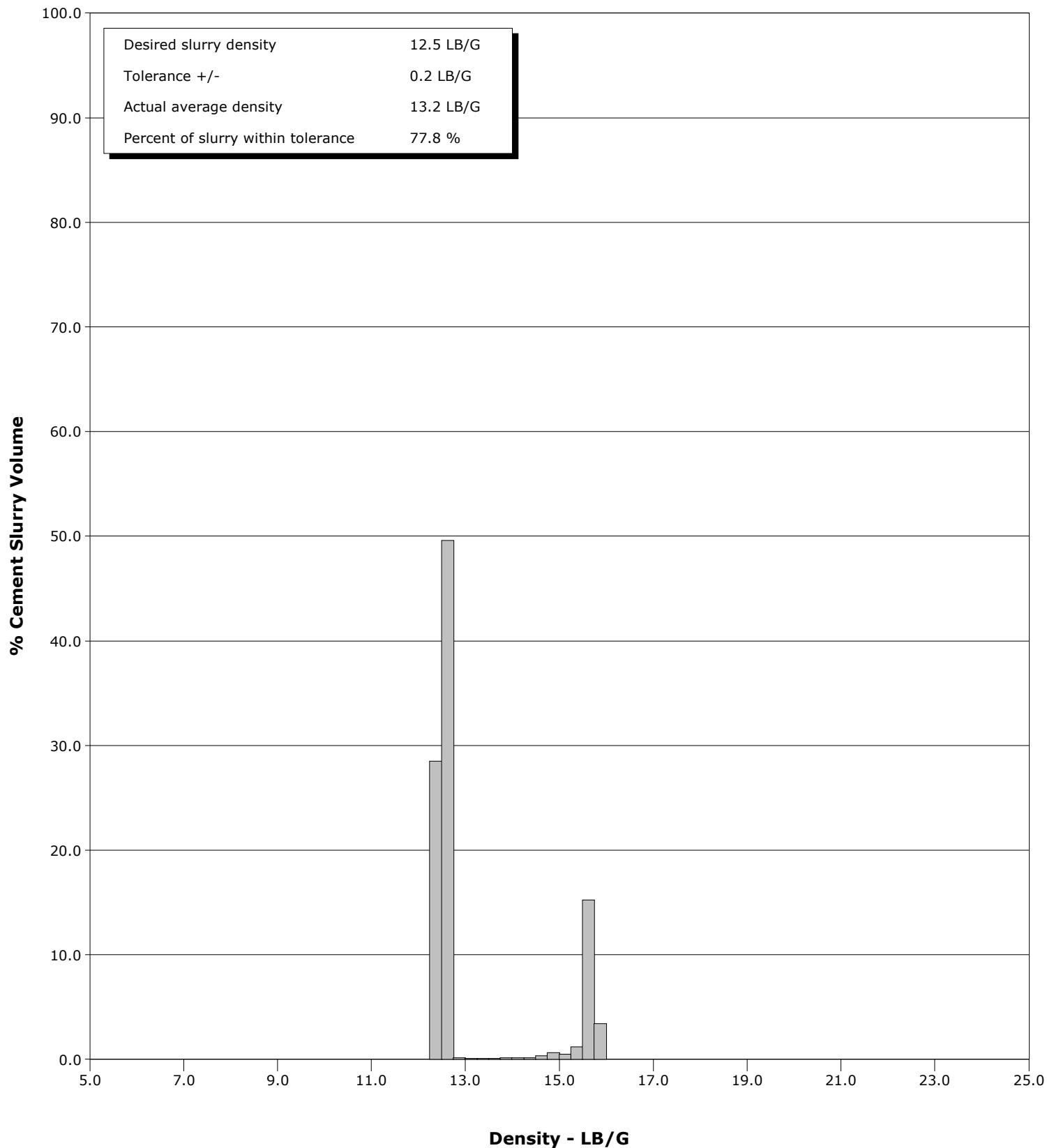
**Client** Encana  
**SIR No.** B2K7-00071  
**Job Type** 9 5/8 Surface  
**Job Date** 05-03-2010



**Well** Shideler 30-13A  
**Field** Mamm Creek  
**Engineer** Terry Borg  
**Country** United States

**Client** Encana  
**SIR No.** B2K7-00071  
**Job Type** 9 5/8 Surface  
**Job Date** 05-03-2010

**Cement Slurry - 05/03/2010 23:21:31 to 05/03/2010 23:44:20**



## Cementing Service Report

					Customer		Job Number			
					Encana		B2K7-00071			
Well			Location (legal)		Schlumberger Location			Job Start		
Shideler 30-13A 30-13A			30-13A		GCO			May/03/2010		
Field		Formation Name/Type		Deviation	Bit Size		Well MD	Well TVD		
Mamm Creek		Shale		0 deg	12.3 in		1011.0 ft	1011.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient			
Garfield		Colorado			100 degF	85 degF				
Well Master		API/UWI								
0631144048										
Rig Name	Drilled For		Service Via	Casing/Liner						
Nabors M 15	Gas		Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class		Well Type	1011.0	9.630	36.0	J55	8RD		
	New		Development	0.0	0.000	0.0				
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe						
				Depth,	Size,	Weight,	Grade	Thread		
Service Line	Job Type									
Cementing	9 5/8 Surface									
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection	Perforations/Open Hole						
4000 psi	1500 psi		9 5/8	Top,	Bottom,		No. of Shots	Total Interval		
Service Instructions Cement 9 5/8" surface casing @ 1011'ft in 12 1/4" OH with 20 bbl water 170 sks 12.5 ppq Lead 149 sks 15.8 ppq Tail Displace with water								Diameter		
				Treat Down		Displacement		Packer Type		Packer Depth
				Casing		75.0 bbl				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
		78.0 bbl		66.0 bbl		154.0 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		500 psi		Shoe Type		Guide	Squeeze Type			
Pipe Rotated		<input type="checkbox"/>	Pipe Reciprocated		<input type="checkbox"/>	Shoe Depth		1011.0 ft		
No. Centralizers		11	Top Plugs		1	Bottom Plugs		Stage Tool Type		
Cement Head Type		Single		Stage Tool Depth		Tool Depth				
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Diff-Fill		
May/03/2010 19:00		May/03/2010 22:00		May/04/2010 01:00		Collar Depth		967.0 ft		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/03/2010	22:29:52					Started Acquisition				
05/03/2010	23:06:00	-2	0.0	8.41	0.0					
05/03/2010	23:06:04					Start Job				
05/03/2010	23:06:04	-3	0.0	8.42	0.0					
05/03/2010	23:06:10					Held safty meeting				
05/03/2010	23:06:10	-3	0.0	8.41	0.0					
05/03/2010	23:06:32	31	1.9	8.41	0.2					
05/03/2010	23:08:16					Pressure Test Lines				
05/03/2010	23:08:16	517	0.0	8.41	2.1					
05/03/2010	23:08:18					500 psi test good				
05/03/2010	23:08:18	516	0.0	8.41	2.1					
05/03/2010	23:09:52	890	0.0	8.41	2.1					
05/03/2010	23:10:37					Pressure Test Lines				
05/03/2010	23:10:37	2979	0.0	8.42	2.1					
05/03/2010	23:10:38					3000 psi test good				
05/03/2010	23:10:38	2976	0.0	8.42	2.1					
05/03/2010	23:12:58					Start Pumping Water				
05/03/2010	23:12:58	8	0.0	8.42	2.2					
05/03/2010	23:13:00					30 bbls water				
05/03/2010	23:13:00	8	0.0	8.42	2.2					
05/03/2010	23:13:01					Good returns				

Well Shideler 30-13A 30-13A			Field Mamm Creek		Job Start May/03/2010	Customer Encana	Job Number B2K7-00071
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
05/03/2010	23:13:12	11	0.0	8.42	2.2		
05/03/2010	23:16:32	213	5.0	7.96	11.4		
05/03/2010	23:19:52	240	5.0	8.35	28.1		
05/03/2010	23:20:44					End Water	
05/03/2010	23:20:44	237	5.0	8.35	32.4		
05/03/2010	23:20:46					Start Cement Slurry	
05/03/2010	23:20:46	228	5.0	8.35	32.6		
05/03/2010	23:20:47					Start Mixing Scav Slurry	
05/03/2010	23:20:47	231	5.0	8.35	32.7		
05/03/2010	23:20:51					Bring to weight 8.34 to 12.5 ppg	
05/03/2010	23:20:51	241	5.0	8.35	33.0		
05/03/2010	23:21:39					End Scavenger Slurry	
05/03/2010	23:21:39	310	5.0	12.37	37.1		
05/03/2010	23:21:40					Start Mixing Lead Slurry	
05/03/2010	23:21:40	314	5.0	12.36	37.1		
05/03/2010	23:22:18					75 bbl @ 12.5 ppg	
05/03/2010	23:22:18	314	5.0	12.42	40.3		
05/03/2010	23:22:22					Good returns	
05/03/2010	23:22:22	306	5.0	12.43	40.7		
05/03/2010	23:22:24					Sample = 12.5 ppg	
05/03/2010	23:22:24	310	5.0	12.43	40.8		
05/03/2010	23:23:12	312	5.0	12.45	44.9		
05/03/2010	23:26:32	284	5.0	12.52	61.5		
05/03/2010	23:29:52	271	5.0	12.49	79.3		
05/03/2010	23:33:12	274	5.0	12.48	96.1		
05/03/2010	23:36:20					End Lead Slurry	
05/03/2010	23:36:20	143	3.5	12.45	109.9		
05/03/2010	23:36:22					Start Mixing Scav Slurry	
05/03/2010	23:36:22	177	3.5	12.48	110.0		
05/03/2010	23:36:25					Bring to weight 12.5 to 15.8	
05/03/2010	23:36:25	157	3.6	12.50	110.2		
05/03/2010	23:36:32	153	3.6	12.66	110.6		
05/03/2010	23:37:58					End Scavenger Slurry	
05/03/2010	23:37:58	230	3.5	15.55	115.7		
05/03/2010	23:38:00					Start Mixing Tail Slurry	
05/03/2010	23:38:00	248	3.5	15.56	115.8		
05/03/2010	23:38:02					31 bbl @ 15.8 ppg	
05/03/2010	23:38:02	205	3.5	15.57	115.9		
05/03/2010	23:38:06					Good returns	
05/03/2010	23:38:06	268	3.5	15.58	116.2		
05/03/2010	23:38:09					Sample = 15.8	
05/03/2010	23:38:09	257	3.5	15.62	116.3		
05/03/2010	23:39:52	424	5.0	15.67	123.6		
05/03/2010	23:43:12	414	5.0	15.74	283.8		
05/03/2010	23:44:19					End Tail Slurry	
05/03/2010	23:44:19	3	0.0	15.80	288.4		
05/03/2010	23:44:20					End Cement Slurry	
05/03/2010	23:44:20	1	0.0	15.80	288.4		
05/03/2010	23:44:21					Drop Top Plug	
05/03/2010	23:44:21	-0	0.0	15.80	288.4		
05/03/2010	23:44:22					Start Displacement	
05/03/2010	23:44:22	-0	0.0	15.80	288.4		
05/03/2010	23:46:32	5	0.0	15.76	288.4		
05/03/2010	23:49:52	270	6.5	9.02	298.4		

Well			Field		Job Start		Customer		Job Number	
Shideler 30-13A 30-13A			Mamm Creek		May/03/2010		Encana		B2K7-00071	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
05/03/2010	23:52:11	269	6.4	8.42	313.3					
05/03/2010	23:52:13					Good return				
05/03/2010	23:52:13	273	6.4	8.42	313.5					
05/03/2010	23:53:12	243	6.5	7.72	319.9					
05/03/2010	23:56:32	384	6.4	8.34	341.2					
05/03/2010	23:56:48					30 bbl cement back to surface				
05/03/2010	23:56:48	404	6.4	8.34	342.9					
05/03/2010	23:59:52	365	4.4	8.33	357.2					
05/04/2010	00:03:12	323	2.3	8.34	365.4					
05/04/2010	00:06:32	1068	0.0	8.34	367.4					
05/04/2010	00:09:22					End Displacement				
05/04/2010	00:09:22	-1	0.0	8.34	367.4					
05/04/2010	00:09:23					Bump Top Plug				
05/04/2010	00:09:23	-0	0.0	8.34	367.4					
05/04/2010	00:09:25					1 bbl back water				
05/04/2010	00:09:25	-1	0.0	8.34	367.4					
05/04/2010	00:09:52	-2	0.0	8.34	367.4					
05/04/2010	00:10:01					End Job				
05/04/2010	00:10:01	-2	0.0	8.34	367.4					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 7.2	N2	Mud 0.0	Maximum Rate 299.8		Total Slurry 106.0	Mud 0.0	Spacer 30.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3116	Final 1000	Average 405	Bump Plug to 1000	Breakdown	Type		Volume		Density	
Avg. N2 Percent		Designed Slurry Volume 106.0 bbl		Displacement 75.0 bbl		Mix Water Temp		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 30.0 bbl
						60 degF		Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Tim Phillips			Schlumberger Supervisor Terry Borg			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>		
						-		-		