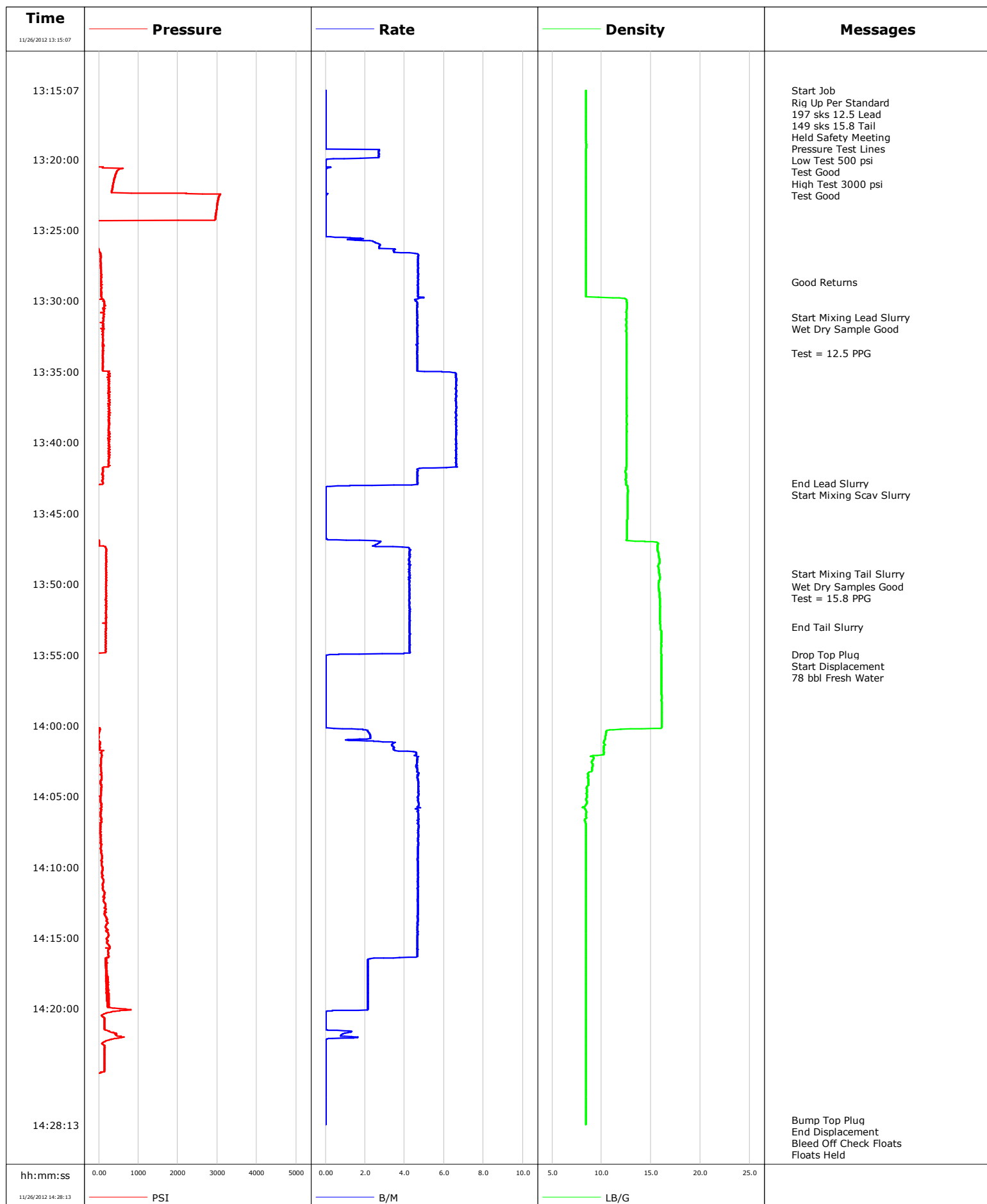


Well	Shideler FEE 6-3D	Client	Encana
Field	Mamm Creek	SIR No.	
Engineer	Jordan Moreland	Job Type	9 5/8 Surface
Country	United States	Job Date	11-27-2012





Cementing Service Report

				Customer Encana			Job Number CE6H-00013									
Well Shideler FEE 6-3D			Location (legal) O31E			Schlumberger Location GCO			Job Start Nov/27/2012							
Field Mamm Creek		Formation Name/Type Shale			Deviation		Bit Size 12.3 in		Well MD 1039.0 ft		Well TVD 1039.0 ft					
County Garfield		State/Province Colorado			BHP		BHST 100 degF		BHCT 85 degF		Pore Press. Gradient					
Well Master 0631419467		API/UWI 05045217430000														
Rig Name Patterson 303		Drilled For Gas		Service Via Land		Casing/Liner										
Offshore Zone		Well Class New		Well Type Development		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread		
						40.0		16.000		65.0						
						1039.0		9.630		36.0						
Drilling Fluid Type			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 3000 psi		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole										
						Top,		Bottom,				No. of Shots		Total Interval		
Service Instructions Rate And Density Checked 20 bbl Water 197 sks 12.5 Lead 149 sks 15.8 Tail Displace Fresh Water														Diameter		
Treat Down Casing				Displacement 78.0 bbl		Packer Type		Packer Depth								
Tubing Vol.				Casing Vol. 79.0 bbl		Annular Vol. 61.0 bbl		Openhole Vol. 145.0 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 514 psi				Shoe Type Guide		Squeeze Type										
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1039.0 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 Nov/27/2012		Arrived on Location Nov/27/2012		Leave Location Nov/27/2012		Collar Type Float			Tail Pipe Depth							
						Collar Depth 1003.0 ft			Sqz. Total Vol.							
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message										
11/26/2012	12:49:17					Started Acquisition										
11/26/2012	13:15:07	-103	0.0	8.43	0.0											
11/26/2012	13:15:08					Start Job										
11/26/2012	13:15:08	-103	0.0	8.43	0.0											
11/26/2012	13:15:13					Rig Up Per Standard										
11/26/2012	13:15:13	-103	0.0	8.42	0.0											
11/26/2012	13:15:14					197 sks 12.5 Lead										
11/26/2012	13:15:14					149 sks 15.8 Tail										
11/26/2012	13:15:14					Held Safety Meeting										
11/26/2012	13:15:14	-104	0.0	8.43	0.0											
11/26/2012	13:15:17	-103	0.0	8.43	0.0											
11/26/2012	13:15:21					Pressure Test Lines										
11/26/2012	13:15:21	-104	0.0	8.43	0.0											
11/26/2012	13:15:23					Low Test 500 psi										
11/26/2012	13:15:23					Test Good										
11/26/2012	13:15:23					High Test 3000 psi										
11/26/2012	13:15:23					Test Good										
11/26/2012	13:15:23	-104	0.0	8.43	0.0											
11/26/2012	13:17:17	-106	0.0	8.43	0.0											
11/26/2012	13:19:17	-35	0.0	8.43	0.0											
11/26/2012	13:21:17	401	0.0	8.43	1.8											

Well			Field		Job Start	Customer	Job Number
Shideler FEE 6-3D			Mamm Creek		Nov/27/2012	Encana	CE6H-00013
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/26/2012	13:25:17	-93	0.0	8.43	1.8		
11/26/2012	13:27:17	46	4.7	8.43	7.8		
11/26/2012	13:28:40					Good Returns	
11/26/2012	13:28:40	64	4.7	8.43	14.3		
11/26/2012	13:29:17	62	4.7	8.42	17.2		
11/26/2012	13:31:10					Start Mixing Lead Slurry	
11/26/2012	13:31:10	122	4.6	12.51	26.0		
11/26/2012	13:31:16					Wet Dry Sample Good	
11/26/2012	13:31:16	113	4.6	12.50	26.4		
11/26/2012	13:31:17	106	4.6	12.50	26.5		
11/26/2012	13:33:17	101	4.7	12.50	35.8		
11/26/2012	13:33:42					Test = 12.5 PPG	
11/26/2012	13:33:42	93	4.6	12.50	37.7		
11/26/2012	13:35:17	233	6.6	12.51	45.6		
11/26/2012	13:37:17	252	6.6	12.54	58.8		
11/26/2012	13:39:17	260	6.6	12.54	72.0		
11/26/2012	13:41:17	247	6.6	12.51	85.2		
11/26/2012	13:42:52					End Lead Slurry	
11/26/2012	13:42:52	104	4.7	12.48	93.7		
11/26/2012	13:42:54					Start Mixing Scav Slurry	
11/26/2012	13:42:54	102	4.7	12.49	93.8		
11/26/2012	13:43:17	-80	0.0	12.65	94.5		
11/26/2012	13:45:17	-72	0.0	12.61	94.5		
11/26/2012	13:47:17	3	2.5	15.67	95.5		
11/26/2012	13:49:17	179	4.3	15.83	103.8		
11/26/2012	13:49:18					Start Mixing Tail Slurry	
11/26/2012	13:49:18	182	4.2	15.83	103.9		
11/26/2012	13:50:11					Wet Dry Samples Good	
11/26/2012	13:50:11	177	4.2	15.76	107.6		
11/26/2012	13:50:42					Test = 15.8 PPG	
11/26/2012	13:50:42	193	4.3	15.84	109.8		
11/26/2012	13:51:17	181	4.3	15.89	112.3		
11/26/2012	13:53:02					End Tail Slurry	
11/26/2012	13:53:02	183	4.3	15.94	119.8		
11/26/2012	13:53:17	181	4.3	16.00	120.8		
11/26/2012	13:54:58					Drop Top Plug	
11/26/2012	13:54:58	-80	1.7	16.06	128.0		
11/26/2012	13:54:59					Start Displacement	
11/26/2012	13:54:59	-80	0.7	16.06	128.0		
11/26/2012	13:55:00					78 bbl Fresh Water	
11/26/2012	13:55:00	-80	0.7	16.08	128.0		
11/26/2012	13:55:17	-79	0.0	16.07	128.0		
11/26/2012	13:57:17	-65	0.0	16.07	128.0		
11/26/2012	13:59:17	-47	0.0	16.10	128.0		
11/26/2012	14:01:17	29	3.4	10.25	130.4		
11/26/2012	14:03:17	60	4.6	8.86	139.0		
11/26/2012	14:05:17	45	4.7	8.46	148.3		
11/26/2012	14:07:17	37	4.7	8.43	157.7		
11/26/2012	14:09:17	81	4.7	8.42	167.1		
11/26/2012	14:11:17	89	4.7	8.42	176.4		
11/26/2012	14:13:17	159	4.7	8.42	185.7		
11/26/2012	14:15:17	207	4.7	8.42	195.1		
11/26/2012	14:17:17	208	2.1	8.42	202.2		
11/26/2012	14:19:17	261	2.1	8.42	206.5		

Well			Field		Job Start	Customer	Job Number
Shideler FEE 6-3D			Mamm Creek		Nov/27/2012	Encana	CE6H-00013
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/26/2012	14:23:17	145	0.0	8.43	209.1		
11/26/2012	14:25:17	-85	0.0	8.43	209.1		
11/26/2012	14:27:17	-86	0.0	8.43	209.1		
11/26/2012	14:27:52					Bump Top Plug	
11/26/2012	14:27:52	-85	0.0	8.43	209.1		
11/26/2012	14:27:54					End Displacement	
11/26/2012	14:27:54	-85	0.0	8.43	209.1		
11/26/2012	14:27:59					Bleed Off Check Floats	
11/26/2012	14:27:59					Floats Held	
11/26/2012	14:27:59					1/2 bbl Back	
11/26/2012	14:27:59	-85	0.0	8.43	209.1		
11/26/2012	14:28:00					35 bbl Cement To Surface	
11/26/2012	14:28:00					Blow Out Iron and Hoses	
11/26/2012	14:28:00					Rig Down	
11/26/2012	14:28:00	-86	0.0	8.43	209.1		
11/26/2012	14:28:02					End Job	
11/26/2012	14:28:02	-86	0.0	8.43	209.1		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.4	N2	Mud 0.0	Maximum Rate 6.7	Total Slurry 209.1	Mud 0.0	Spacer 25.9	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3076	Final -85	Average 262	Bump Plug to	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume		Displacement 81.2 bbl	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	
					Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	
Erasmio Parras			Jordan Moreland			-	Job Completed <input checked="" type="checkbox"/>	