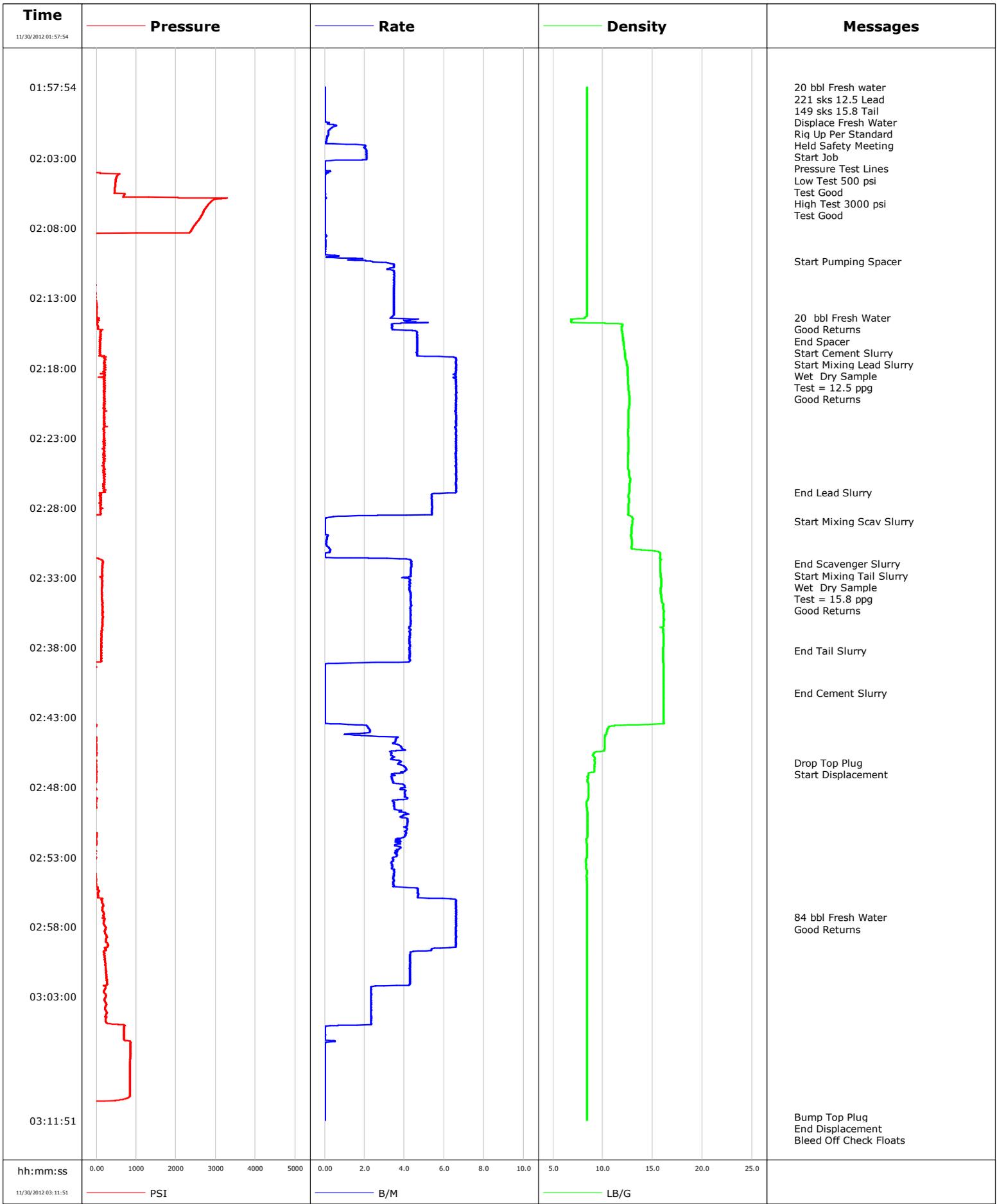


Well	Shideler Fee 6-6D	Client	Encana
Field	Mamm Creek	SIR No.	
Engineer	Jordan Moreland	Job Type	9 5/8 Surface
Country	United States	Job Date	11-30-2012



Cementing Service Report

Customer Encana	Job Number CE6H-00016
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Well Shideler Fee 6-6D	Location (legal) O31E	Schlumberger Location GCO	Job Start Nov/30/2012
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Field Mamm Creek	Formation Name/Type Shale	Deviation	Bit Size 12.3 in	Well MD	Well TVD
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County Garfield	State/Province Colorado	BHP	BHST 100 degF	BHCT 85 degF	Pore Press. Gradient
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Well Master 0631419468	API/UWI 05045217440000	Casing/Liner			
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Rig Name Patterson 303	Drilled For Gas	Service Via Land	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
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Offshore Zone	Well Class New	Well Type Development	40.0	16.000	65.0		
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Drilling Fluid Type	Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
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Service Line Cementing	Job Type 9 5/8 Surface	Perforations/Open Hole				
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Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press	WH Connection Single Cement head	Top,	Bottom,	No. of Shots	Total Interval
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Service Instructions Rate And Density Checked 20 bbl Fresh Water 221 sks 12.5 Lead 149 sks 15.8 Tail Displace Fresh Water						
					Diameter	
Treat Down Casing		Displacement 85.0 bbl		Packer Type		Packer Depth
Tubing Vol.		Casing Vol. 86.0 bbl		Annular Vol. 66.0 bbl		Openhole Vol. 157.0 bbl

Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>	Casing Tools		Squeeze Job		
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Lift Pressure 560 psi	Shoe Type Float	Squeeze Type
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Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>	Shoe Depth 1131.0 ft	Tool Type
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No. Centralizers	Top Plugs 1	Bottom Plugs	Stage Tool Type	Tool Depth
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Cement Head Type Single	Stage Tool Depth	Tail Pipe Size
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Job Scheduled For Nov/30/2012	Arrived on Location Nov/30/2012	Leave Location Nov/30/2012	Collar Type Float	Tail Pipe Depth
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			Collar Depth 1093.0 ft	Sqz. Total Vol.
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Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
11/30/2012	01:38:13					Started Acquisition
11/30/2012	01:57:54	-139	0.0	8.42	0.0	
11/30/2012	01:57:56					20 bbl Fresh water
11/30/2012	01:57:56					221 sks 12.5 Lead
11/30/2012	01:57:56					149 sks 15.8 Tail
11/30/2012	01:57:56					Displace Fresh Water
11/30/2012	01:57:56					Rig Up Per Standard
11/30/2012	01:57:56	-140	0.0	8.42	0.0	
11/30/2012	01:57:57					Held Safety Meeting
11/30/2012	01:57:57	-140	0.0	8.42	0.0	
11/30/2012	01:57:58					Start Job
11/30/2012	01:57:58	-139	0.0	8.42	0.0	
11/30/2012	01:58:00					Pressure Test Lines
11/30/2012	01:58:00	-139	0.0	8.42	0.0	
11/30/2012	01:58:02					Low Test 500 psi
11/30/2012	01:58:02					Test Good
11/30/2012	01:58:02					High Test 3000 psi
11/30/2012	01:58:02					Test Good
11/30/2012	01:58:02	-140	0.0	8.42	0.0	
11/30/2012	01:58:13	-139	0.0	8.42	0.0	
11/30/2012	02:00:13	-142	0.0	8.42	0.0	

Well			Field		Job Start	Customer	Job Number
Shideler Fee 6-6D			Mamm Creek		Nov/30/2012	Encana	CE6H-00016
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/30/2012	02:04:13	540	0.0	8.41	2.8		
11/30/2012	02:06:13	2844	0.0	8.42	2.8		
11/30/2012	02:08:13	2370	0.0	8.41	2.8		
11/30/2012	02:10:13	-73	1.9	8.42	3.1		
11/30/2012	02:10:23					Start Pumping Spacer	
11/30/2012	02:10:23	-19	2.4	8.42	3.4		
11/30/2012	02:12:13	-29	3.5	8.41	9.6		
11/30/2012	02:14:13	-3	3.5	8.41	16.6		
11/30/2012	02:14:24					20 bbl Fresh Water	
11/30/2012	02:14:24					Good Returns	
11/30/2012	02:14:24	28	3.3	8.21	17.2		
11/30/2012	02:15:25					End Spacer	
11/30/2012	02:15:25	116	4.6	11.94	21.1		
11/30/2012	02:15:28					Start Cement Slurry	
11/30/2012	02:15:28	120	4.6	11.95	21.3		
11/30/2012	02:15:30					Start Mixing Lead Slurry	
11/30/2012	02:15:30	96	4.6	11.95	21.5		
11/30/2012	02:15:31					Wet Dry Sample	
11/30/2012	02:15:31	96	4.6	11.96	21.6		
11/30/2012	02:15:32					Test = 12.5 ppg	
11/30/2012	02:15:32	91	4.6	11.96	21.6		
11/30/2012	02:15:33					Good Returns	
11/30/2012	02:15:33	104	4.6	11.96	21.7		
11/30/2012	02:16:13	98	4.6	12.08	24.8		
11/30/2012	02:18:13	195	6.6	12.46	36.1		
11/30/2012	02:20:13	204	6.6	12.66	49.3		
11/30/2012	02:22:13	265	6.6	12.56	62.5		
11/30/2012	02:24:13	203	6.6	12.55	75.7		
11/30/2012	02:26:13	203	6.6	12.71	88.9		
11/30/2012	02:26:56					End Lead Slurry	
11/30/2012	02:26:56	189	6.6	12.64	93.6		
11/30/2012	02:28:13	106	5.4	12.56	100.5		
11/30/2012	02:28:57					Start Mixing Scav Slurry	
11/30/2012	02:28:57	-100	0.0	12.98	102.5		
11/30/2012	02:30:13	-98	0.1	12.88	102.6		
11/30/2012	02:32:00					End Scavenger Slurry	
11/30/2012	02:32:00	150	4.4	15.76	104.3		
11/30/2012	02:32:01					Start Mixing Tail Slurry	
11/30/2012	02:32:01	152	4.4	15.76	104.4		
11/30/2012	02:32:02					Wet Dry Sample	
11/30/2012	02:32:02					Test = 15.8 ppg	
11/30/2012	02:32:02					Good Returns	
11/30/2012	02:32:02	152	4.4	15.76	104.5		
11/30/2012	02:32:13	144	4.3	15.76	105.3		
11/30/2012	02:34:13	134	4.3	15.84	113.9		
11/30/2012	02:36:13	151	4.3	16.12	122.5		
11/30/2012	02:38:13					End Tail Slurry	
11/30/2012	02:38:13	128	4.3	16.07	131.0		
11/30/2012	02:40:13	-108	0.0	16.11	134.9		
11/30/2012	02:41:13					End Cement Slurry	
11/30/2012	02:41:13	-114	0.0	16.10	134.9		
11/30/2012	02:42:13	-96	0.0	16.11	134.9		
11/30/2012	02:44:13	-60	1.0	10.34	136.3		
11/30/2012	02:46:13	-12	3.8	9.18	143.2		

Well			Field		Job Start	Customer		Job Number
Shideler Fee 6-6D			Mamm Creek		Nov/30/2012	Encana		CE6H-00016
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/30/2012	02:46:16	-13	3.7	9.18	143.4			
11/30/2012	02:46:17					Start Displacement		
11/30/2012	02:46:17	-18	3.7	9.18	143.4			
11/30/2012	02:48:13	-13	4.0	8.56	150.7			
11/30/2012	02:50:13	-13	4.1	8.44	158.3			
11/30/2012	02:52:13	-20	3.5	8.39	166.2			
11/30/2012	02:54:13	-12	3.5	8.39	173.3			
11/30/2012	02:56:13	141	6.6	8.40	181.9			
11/30/2012	02:57:18					84 bbl Fresh Water		
11/30/2012	02:57:18					Good Returns		
11/30/2012	02:57:18	188	6.6	8.40	189.1			
11/30/2012	02:58:13	230	6.6	8.41	195.1			
11/30/2012	03:00:13	205	4.3	8.41	206.9			
11/30/2012	03:02:13	184	3.0	8.41	215.5			
11/30/2012	03:04:13	252	2.3	8.41	220.1			
11/30/2012	03:06:13	856	0.5	8.41	222.1			
11/30/2012	03:08:13	842	0.0	8.41	222.2			
11/30/2012	03:10:13	817	0.0	8.41	222.2			
11/30/2012	03:11:35					Bump Top Plug		
11/30/2012	03:11:35	-115	0.0	8.41	222.2			
11/30/2012	03:11:36					End Displacement		
11/30/2012	03:11:36	-116	0.0	8.41	222.2			
11/30/2012	03:11:43					Bleed Off Check Floats		
11/30/2012	03:11:43					Floats Held		
11/30/2012	03:11:43					1 1/2 bbl Back		
11/30/2012	03:11:43					42 bbl Cement To Surface		
11/30/2012	03:11:43					Blow Out Lines		
11/30/2012	03:11:43					Rig Down		
11/30/2012	03:11:43	-116	0.0	8.41	222.2			
11/30/2012	03:11:47					End Job		
11/30/2012	03:11:47	-116	0.0	8.41	222.2			

Post Job Summary

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