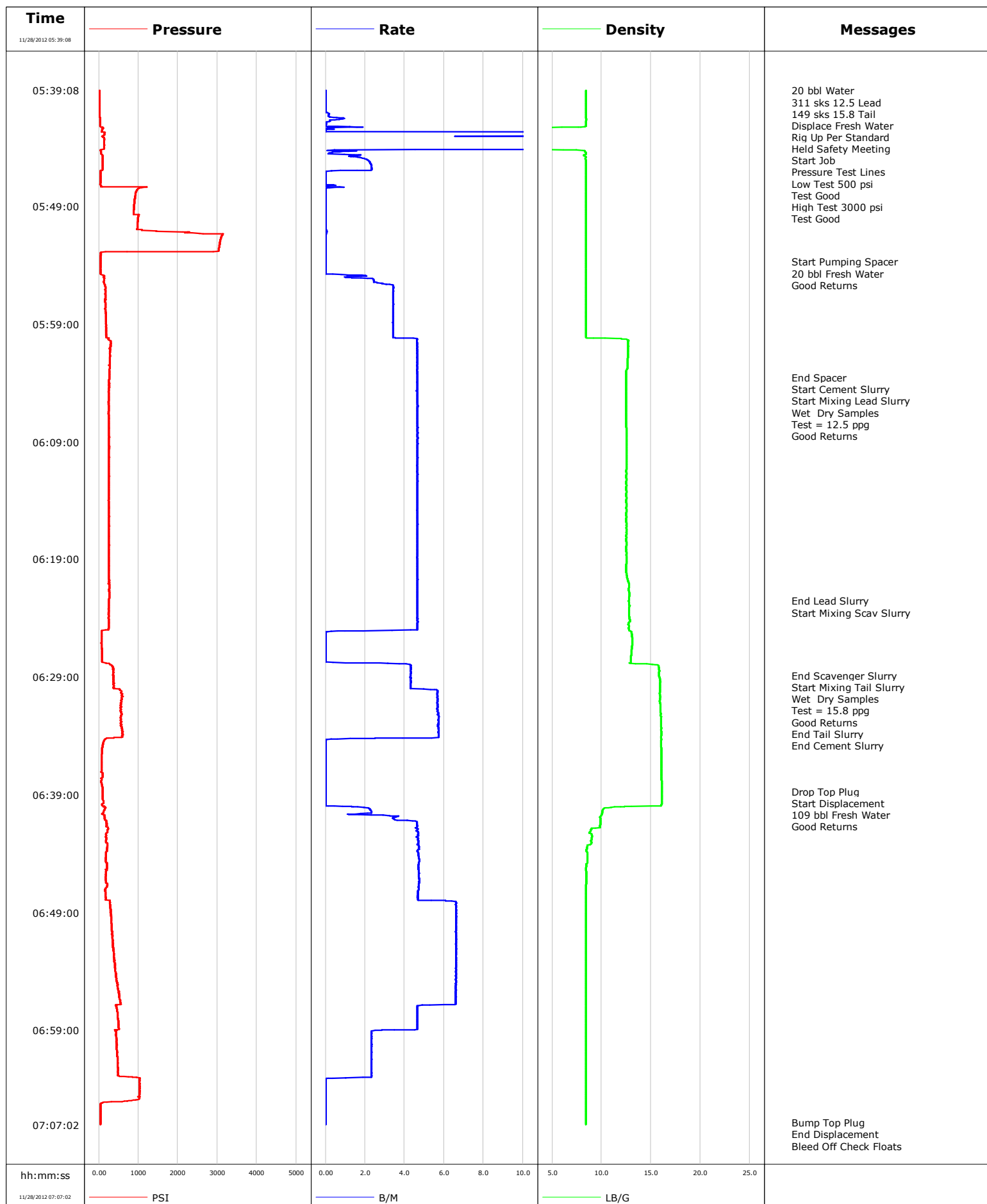


Well shideler FEE 6-6A
Field Mmm Creek
Engineer Jordan Moreland
Country United States

Client Encana
SIR No.
Job Type 9 5/8 Surface
Job Date 11-28-2012





Cementing Service Report

				Customer Encana		Job Number CE6H-0014		
Well shideler FEE 6-6A			Location (legal) O31E		Schlumberger Location		Job Start Nov/28/2012	
Field Mmm Creek		Formation Name/Type Shale		Deviation	Bit Size	Well MD 1456.0 ft		Well TVD 1456.0 ft
County Garfield		State/Province Colorado		BHP	BHST 100 degF	BHCT 85 degF	Pore Press. Gradient	
Well Master 0631419460		API/UWI 05045217450000						
Rig Name Patterson 303	Drilled For Gas	Service Via Land	Casing/Liner					
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class New	Well Type Development	40.0	16.000	65.0			
			1456.0	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
								Diameter
				Treat Down Casing	Displacement 110.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 111.0 bbl	Annular Vol. 84.0 bbl	Openhole Vol. 200.0 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 720 psi				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1456.0 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/28/2012		Arrived on Location Nov/28/2012	Leave Location Nov/28/2012	Collar Type Float		Tail Pipe Depth		
				Collar Depth 1416.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/28/2012	04:58:24					Started Acquisition		
11/28/2012	05:39:08	23	0.0	8.42	0.0			
11/28/2012	05:39:09					20 bbl Water		
11/28/2012	05:39:09					311 sks 12.5 Lead		
11/28/2012	05:39:09					149 sks 15.8 Tail		
11/28/2012	05:39:09					Displace Fresh Water		
11/28/2012	05:39:09					Rig Up Per Standard		
11/28/2012	05:39:09					Held Safety Meeting		
11/28/2012	05:39:09	22	0.0	8.42	0.0			
11/28/2012	05:39:11					Start Job		
11/28/2012	05:39:11	23	0.0	8.42	0.0			
11/28/2012	05:39:12					Pressure Test Lines		
11/28/2012	05:39:12	23	0.0	8.42	0.0			
11/28/2012	05:39:13					Low Test 500 psi		
11/28/2012	05:39:13					Test Good		
11/28/2012	05:39:13					High Test 3000 psi		
11/28/2012	05:39:13	23	0.0	8.42	0.0			
11/28/2012	05:39:14					Test Good		
11/28/2012	05:39:14	23	0.0	8.42	0.0			
11/28/2012	05:40:24	20	0.0	8.42	0.0			
11/28/2012	05:42:24	86	0.0	3.07	0.4			

Well			Field		Job Start	Customer	Job Number
shideler FEE 6-6A			Mmm Creek		Nov/28/2012	Encana	CE6H-0014
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/28/2012	05:46:24	41	0.0	8.41	38.8		
11/28/2012	05:48:24	907	0.0	8.41	38.9		
11/28/2012	05:50:24	979	0.0	8.41	39.0		
11/28/2012	05:52:24	3044	0.0	8.41	39.0		
11/28/2012	05:53:42					Start Pumping Spacer	
11/28/2012	05:53:42	46	0.0	8.41	39.0		
11/28/2012	05:53:44					20 bbl Fresh Water	
11/28/2012	05:53:44	46	0.0	8.42	39.0		
11/28/2012	05:53:45					Good Returns	
11/28/2012	05:53:45	46	0.0	8.41	39.0		
11/28/2012	05:54:24	45	0.0	8.41	39.0		
11/28/2012	05:56:24	160	3.4	8.41	43.4		
11/28/2012	05:58:24	181	3.4	8.41	50.3		
11/28/2012	06:00:24	283	4.6	12.70	57.4		
11/28/2012	06:02:24	277	4.6	12.62	66.7		
11/28/2012	06:03:32					End Spacer	
11/28/2012	06:03:32	265	4.7	12.48	71.9		
11/28/2012	06:03:35					Start Cement Slurry	
11/28/2012	06:03:35	265	4.6	12.48	72.1		
11/28/2012	06:03:36					Start Mixing Lead Slurry	
11/28/2012	06:03:36	261	4.6	12.48	72.2		
11/28/2012	06:03:38					Wet Dry Samples	
11/28/2012	06:03:38					Test = 12.5 ppg	
11/28/2012	06:03:38					Good Returns	
11/28/2012	06:03:38	264	4.7	12.48	72.4		
11/28/2012	06:04:24	258	4.7	12.48	75.9		
11/28/2012	06:06:24	251	4.7	12.47	85.2		
11/28/2012	06:08:24	249	4.7	12.51	94.6		
11/28/2012	06:10:24	255	4.7	12.51	103.9		
11/28/2012	06:12:24	254	4.7	12.49	113.2		
11/28/2012	06:14:24	253	4.7	12.50	122.5		
11/28/2012	06:16:24	253	4.6	12.50	131.8		
11/28/2012	06:18:24	254	4.7	12.50	141.1		
11/28/2012	06:20:24	257	4.6	12.55	150.3		
11/28/2012	06:22:24	256	4.6	12.76	159.6		
11/28/2012	06:22:31					End Lead Slurry	
11/28/2012	06:22:31	251	4.6	12.74	160.2		
11/28/2012	06:23:31					Start Mixing Scav Slurry	
11/28/2012	06:23:31	245	4.6	12.78	164.8		
11/28/2012	06:24:24	255	4.6	12.74	169.0		
11/28/2012	06:26:24	72	0.0	13.07	172.0		
11/28/2012	06:28:24	371	4.3	15.83	174.6		
11/28/2012	06:28:53					End Scavenger Slurry	
11/28/2012	06:28:53	358	4.3	15.82	176.7		
11/28/2012	06:28:54					Start Mixing Tail Slurry	
11/28/2012	06:28:54					Wet Dry Samples	
11/28/2012	06:28:54	371	4.3	15.82	176.7		
11/28/2012	06:28:55					Test = 15.8 ppg	
11/28/2012	06:28:55					Good Returns	
11/28/2012	06:28:55	376	4.3	15.82	176.8		
11/28/2012	06:30:24	582	5.7	15.88	183.7		
11/28/2012	06:32:24					End Tail Slurry	
11/28/2012	06:32:24	568	5.7	16.03	195.0		
11/28/2012	06:33:25					End Cement Slurry	

Well			Field		Job Start	Customer	Job Number
shideler FEE 6-6A			Mmm Creek		Nov/28/2012	Encana	CE6H-0014
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/28/2012	06:34:24	135	0.0	16.03	205.4		
11/28/2012	06:36:24	65	0.0	16.05	205.4		
11/28/2012	06:38:24	96	0.0	16.09	205.4		
11/28/2012	06:38:42					Drop Top Plug	
11/28/2012	06:38:42	95	0.0	16.09	205.4		
11/28/2012	06:38:43					Start Displacement	
11/28/2012	06:38:43	95	0.0	16.10	205.4		
11/28/2012	06:38:44					109 bbl Fresh Water	
11/28/2012	06:38:44					Good Returns	
11/28/2012	06:38:44	94	0.0	16.10	205.4		
11/28/2012	06:40:24	120	2.3	10.08	206.2		
11/28/2012	06:42:24	182	4.7	8.99	214.1		
11/28/2012	06:44:24	173	4.7	8.57	223.5		
11/28/2012	06:46:24	174	4.7	8.46	232.9		
11/28/2012	06:48:24	288	6.6	8.43	243.1		
11/28/2012	06:50:24	328	6.6	8.42	256.3		
11/28/2012	06:52:24	369	6.6	8.42	269.5		
11/28/2012	06:54:24	436	6.6	8.43	282.7		
11/28/2012	06:56:24	529	6.6	8.43	295.9		
11/28/2012	06:58:24	502	4.7	8.43	306.1		
11/28/2012	07:00:24	453	2.3	8.43	312.1		
11/28/2012	07:02:24	485	2.3	8.43	316.8		
11/28/2012	07:04:24	1029	0.0	8.43	318.3		
11/28/2012	07:06:24	45	0.0	8.43	318.4		
11/28/2012	07:06:51					Bump Top Plug	
11/28/2012	07:06:51	44	0.0	8.43	318.4		
11/28/2012	07:06:52					End Displacement	
11/28/2012	07:06:52	44	0.0	8.43	318.4		
11/28/2012	07:06:56					Bleed Off Check Floats	
11/28/2012	07:06:56					Floats Held	
11/28/2012	07:06:56					3/4 bbl Back	
11/28/2012	07:06:56					54 bbl Cement to Surface	
11/28/2012	07:06:56					Blow Lines Clear	
11/28/2012	07:06:56	44	0.0	8.43	318.4		
11/28/2012	07:06:58					End Job	
11/28/2012	07:06:58	44	0.0	8.43	318.4		

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 53 degF	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"/>	Job Completed <input checked="" type="checkbox"/>	
Erasm			Jordan Moreland			-	-	