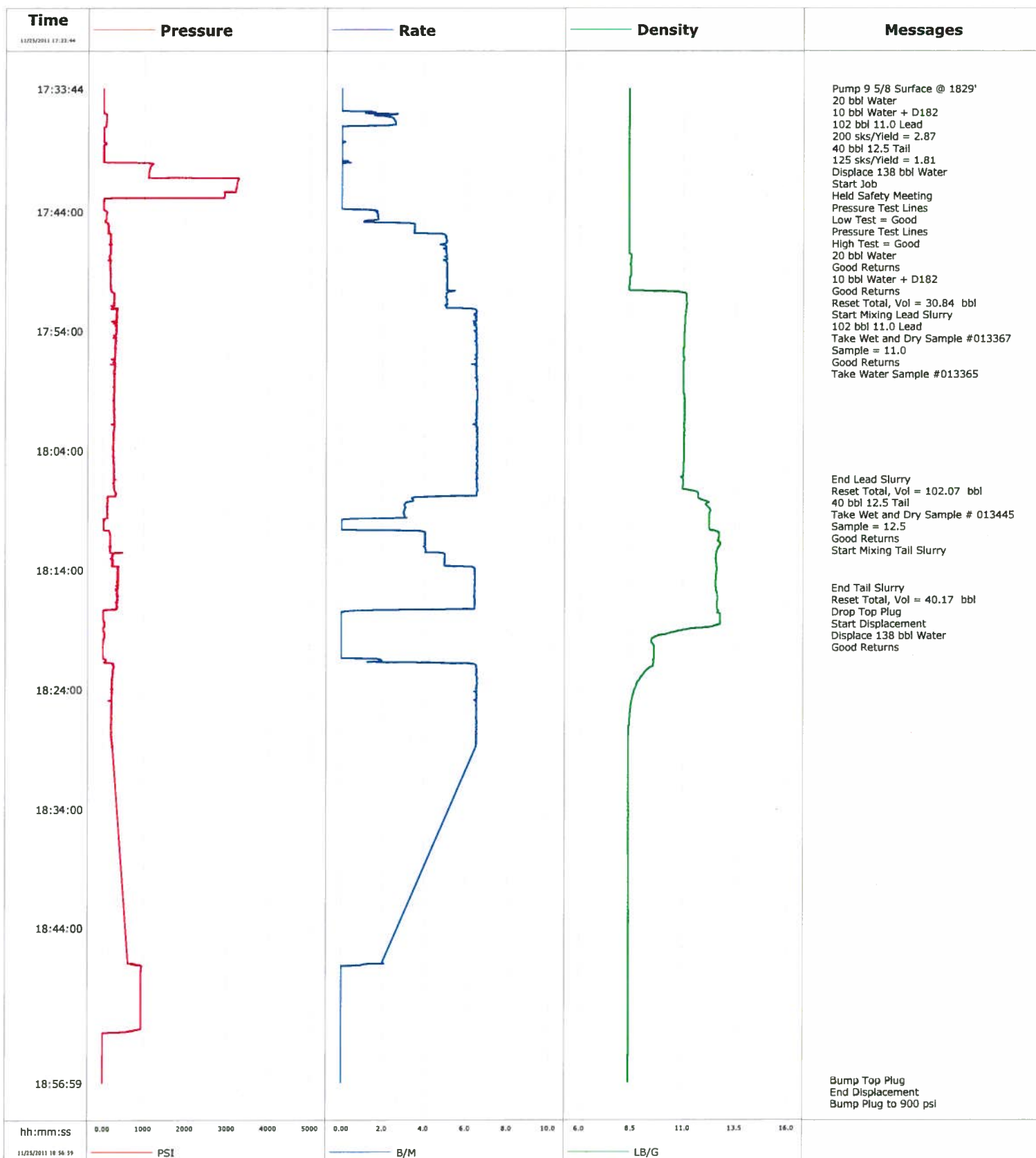


Well	EF01E-24	Client	Encana
Field	N Parachute	SIR No.	
Engineer	Tom Leduc	Job Type	9 5/8 Surface
Country	United States	Job Date	11-25-2011





Cementing Service Report

Customer	Encana	Job Number	BUNM-00477
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Well		Location (legal)		Schlumberger Location		Job Start									
EF01E-24 EF01E-24		N Parachute		Grand Junction		Nov/25/2011									
Field		Formation Name/Type		Deviation		Bit Size		Well MD		Well TVD					
N Parachute		Shale		0 deg		12.3 in		1829.0 ft		1829.0 ft					
County		State/Province		BHP		BHST		BHCT		Pore Press. Gradient					
Garfield		Colorado				100 degF		87 degF							
Well Master		API/UWI													
0631244186															
Rig Name		Drilled For		Service Via		Casing/Liner									
Patterson 303		Gas		Land											
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Offshore Zone		Well Class		Well Type		1829.0		9.630		36.0		J55		8RD	
		New		Development		0.0		0.000		0.0					
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
Bentonite		9.20 lb/gal		40.000 cP											
						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									
3000 psi		500 psi		Single Cement head											
						Top,		Bottom,				No. of Shots		Total Interval	
														Diameter	
						Treat Down		Displacement		Packer Type		Packer Depth			
						Casing		137.0 bbl							
						Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
								139.0 bbl		112.0 bbl		263.0 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		905 psi				Shoe Type				Float		Squeeze Type			
Pipe Rotated		<input type="checkbox"/> Pipe Reciprocated		<input type="checkbox"/>		Shoe Depth				1829.0 ft		Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth					
		1													
Cement Head Type		Single				Stage Tool Depth				Tail Pipe Size					
Job Scheduled For		Arrived on Location		Leave Location		Collar Type				Float		Tail Pipe Depth			
Nov/25/2011 15:00		Nov/25/2011 15:00		Nov/25/2011 20:00											
						Collar Depth				1782.0 ft		Sqz. Total Vol.			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
11/25/2011	16:24:55					Started Acquisition									
11/25/2011	17:33:44					Pump 9 5/8 Surface @ 1829'									
11/25/2011	17:33:44					20 bbl Water									
11/25/2011	17:33:44					10 bbl Water + D182									
11/25/2011	17:33:44					102 bbl 11.0 Lead									
11/25/2011	17:33:44	5	0.0	8.37	0.0										
11/25/2011	17:33:45					200 sks/Yield = 2.87									
11/25/2011	17:33:45					40 bbl 12.5 Tail									
11/25/2011	17:33:45					125 sks/Yield = 1.81									
11/25/2011	17:33:45					Displace 138 bbl Water									
11/25/2011	17:33:45	5	0.0	8.37	0.0										
11/25/2011	17:33:46	4	0.0	8.37	0.0	Start Job									
11/25/2011	17:33:46														
11/25/2011	17:33:47					Held Safety Meeting									
11/25/2011	17:33:47	4	0.0	8.37	0.0										
11/25/2011	17:33:50					Pressure Test Lines									
11/25/2011	17:33:50	5	0.0	8.37	0.0										
11/25/2011	17:33:51					Low Test = Good									
11/25/2011	17:33:51					Pressure Test Lines									
11/25/2011	17:33:51	5	0.0	8.37	0.0										
11/25/2011	17:33:52					High Test = Good									

Well			Field	Job Start	Customer	Job Number
EF01E-24 EF01E-24			N Parachute	Nov/25/2011	Encana	BUNM-00477
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
11/25/2011	17:33:55					20 bbl Water
11/25/2011	17:33:55					Good Returns
11/25/2011	17:33:55	5	0.0	8.37	0.0	
11/25/2011	17:34:55	4	0.0	8.37	0.0	
11/25/2011	17:36:35	72	2.6	8.37	2.0	
11/25/2011	17:38:15	66	0.1	8.37	2.7	
11/25/2011	17:39:55	1061	0.3	8.37	2.7	
11/25/2011	17:41:35	3229	0.0	8.37	2.8	
11/25/2011	17:43:15	23	0.0	8.37	2.8	
11/25/2011	17:44:55	98	2.4	8.37	4.5	
11/25/2011	17:46:35	186	5.1	8.37	11.5	
11/25/2011	17:48:15	174	5.1	8.44	19.8	
11/25/2011	17:48:27					10 bbl Water + D182
11/25/2011	17:48:27	176	5.1	8.43	20.9	
11/25/2011	17:48:53					Good Returns
11/25/2011	17:48:53	176	5.1	8.45	23.1	
11/25/2011	17:49:55	180	5.1	8.38	28.3	
11/25/2011	17:50:25					Reset Total, Vol = 30.84 bbl
11/25/2011	17:50:25	191	5.1	8.38	30.8	
11/25/2011	17:50:50					Start Mixing Lead Slurry
11/25/2011	17:50:50					102 bbl 11.0 Lead
11/25/2011	17:50:50	267	5.1	11.05	33.0	
11/25/2011	17:50:51					Take Wet and Dry Sample #013367
11/25/2011	17:50:51					Sample = 11.0
11/25/2011	17:50:51					Good Returns
11/25/2011	17:50:51	284	5.1	11.08	33.1	
11/25/2011	17:50:52					Take Water Sample #013365
11/25/2011	17:50:52	284	5.1	11.08	33.2	
11/25/2011	17:51:35	278	5.1	11.13	36.8	
11/25/2011	17:53:15	329	6.4	11.06	46.8	
11/25/2011	17:54:55	308	6.5	11.00	57.6	
11/25/2011	17:56:35	289	6.5	11.00	68.4	
11/25/2011	17:58:15	276	6.5	10.99	79.3	
11/25/2011	17:59:55	266	6.5	11.04	90.2	
11/25/2011	18:01:35	282	6.5	11.03	101.0	
11/25/2011	18:03:15	253	6.6	11.02	111.9	
11/25/2011	18:04:55	266	6.6	11.00	122.8	
11/25/2011	18:06:27					End Lead Slurry
11/25/2011	18:06:27	311	6.5	10.96	132.8	
11/25/2011	18:06:28					Reset Total, Vol = 102.07 bbl
11/25/2011	18:06:28	269	6.5	10.96	132.9	
11/25/2011	18:06:34					40 bbl 12.5 Tail
11/25/2011	18:06:34					Take Wet and Dry Sample # 013445
11/25/2011	18:06:34					Sample = 12.5
11/25/2011	18:06:34	271	6.5	10.97	133.6	
11/25/2011	18:06:35					Good Returns
11/25/2011	18:06:35	270	6.5	10.97	133.7	
11/25/2011	18:08:15	123	3.5	12.01	143.4	
11/25/2011	18:09:55	32	0.0	12.23	147.9	
11/25/2011	18:11:13					Start Mixing Tail Slurry
11/25/2011	18:11:13	182	4.0	12.70	149.9	
11/25/2011	18:11:35	186	4.0	12.66	151.4	
11/25/2011	18:13:15	231	5.0	12.55	158.8	
11/25/2011	18:14:55	360	6.4	12.55	168.8	

Well			Field	Job Start	Customer	Job Number
EF01E-24 EF01E-24			N Parachute	Nov/25/2011	Encana	BUNM-00477
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
11/25/2011	18:15:33	376	6.4	12.56	172.9	
11/25/2011	18:15:35					Reset Total, Vol = 40.17 bbl
11/25/2011	18:15:35	356	6.4	12.57	173.1	
11/25/2011	18:15:36					Drop Top Plug
11/25/2011	18:15:36					Start Displacement
11/25/2011	18:15:36					Displace 138 bbl Water
11/25/2011	18:15:36					Good Returns
11/25/2011	18:15:36	356	6.4	12.57	173.2	
11/25/2011	18:16:35	363	6.4	12.62	179.5	
11/25/2011	18:18:15	37	0.0	12.75	184.6	
11/25/2011	18:19:55	17	0.0	9.46	184.6	
11/25/2011	18:21:35	79	1.9	9.54	184.8	
11/25/2011	18:23:15	236	6.5	8.89	194.6	
11/25/2011	18:24:55	219	6.5	8.52	205.4	
11/25/2011	18:26:35	213	6.5	8.40	216.3	
11/25/2011	18:28:15	223	6.5	8.35	227.2	
11/25/2011	18:48:15	937	0.0	8.37	0.3	
11/25/2011	18:49:55	934	0.0	8.37	0.3	
11/25/2011	18:51:35	933	0.0	8.37	0.3	
11/25/2011	18:53:15	9	0.0	8.37	0.3	
11/25/2011	18:54:55	10	0.0	8.38	0.3	
11/25/2011	18:56:35	10	0.0	8.38	0.3	
11/25/2011	18:56:48					Bump Top Plug
11/25/2011	18:56:48					End Displacement
11/25/2011	18:56:48	10	0.0	8.38	0.3	
11/25/2011	18:56:49					Bump Plug to 900 psi
11/25/2011	18:56:49	10	0.0	8.38	0.3	
11/25/2011	18:56:50					Bled Off Pressure
11/25/2011	18:56:50					Floats Held
11/25/2011	18:56:50					30 bbl Cement to Surface
11/25/2011	18:56:50	11	0.0	8.38	0.3	
11/25/2011	18:56:51					Rig Down
11/25/2011	18:56:51	11	0.0	8.38	0.3	
11/25/2011	18:56:52					End Job

Post Job Summary

Average Pump Rates, bbl/ min					Volume of Fluid Injected, bbl				
Slurry	N2		Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
1.2			0.0	2.1	0.3	0.0	0.0		
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density	
956	0	536	900		FreshWater	347.0 bbl		8.34 lb/gal	
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		X	Volume	
	143.0 bbl		0.0 bbl	63 degF	Washed Thru Perfs			To	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed	
Floyd Roberts			Tom Leduc			-		-	
X									