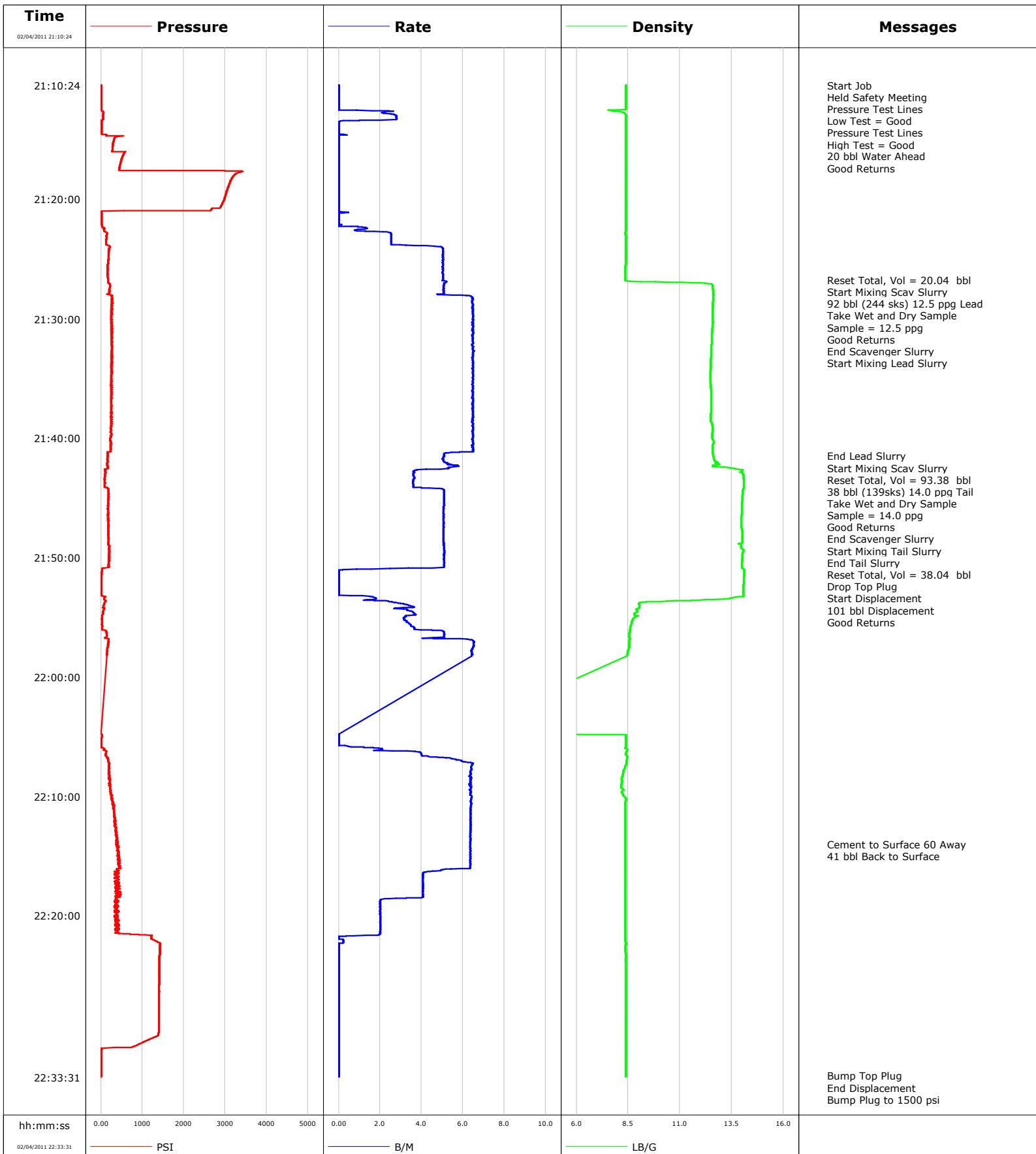


<b>Well</b>	MF07B-16 H17 696	<b>Client</b>	Encana
<b>Field</b>	N Parachute	<b>SIR No.</b>	
<b>Engineer</b>	Tom Leduc	<b>Job Type</b>	9 5/8 Surface
<b>Country</b>	United States	<b>Job Date</b>	02-04-2011



# Cementing Service Report

<b>Customer</b> Encana				<b>Job Number</b> BAD4-00293				
<b>Well</b> MF07B-16 H17 696 MF07B-16			<b>Location (legal)</b> N Parachute			<b>Schlumberger Location</b> Grand Junction		<b>Job Start</b> Feb/04/2011
<b>Field</b> N Parachute		<b>Formation Name/Type</b> Shale		<b>Deviation</b> 0 deg	<b>Bit Size</b> 12.3 in	<b>Well MD</b> 1323.0 ft	<b>Well TVD</b> 1323.0 ft	
<b>County</b> Garfield		<b>State/Province</b> Colorado		<b>BHP</b>	<b>BHST</b>	<b>BHCT</b>	<b>Pore Press. Gradient</b>	
<b>Well Master</b> 0631240401		<b>API/UWI</b>						
<b>Rig Name</b> Patterson 303	<b>Drilled For</b> Gas		<b>Service Via</b> Land		<b>Casing/Liner</b>			
			<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>	<b>Thread</b>	
<b>Offshore Zone</b>	<b>Well Class</b> New		<b>Well Type</b> Development		1323.0	9.630	36.0	
			0.0	0.000	0.0			
<b>Drilling Fluid Type</b> Bentonite		<b>Max. Density</b> 10.20 lb/gal	<b>Plastic Viscosity</b> 10.000 cP		<b>Tubing/Drill Pipe</b>			
				<b>Depth,</b>	<b>Size,</b>	<b>Weight,</b>	<b>Grade</b>	
<b>Service Line</b> Cementing		<b>Job Type</b> 9 5/8 Surface						
<b>Max. Allowed Tub. Press</b> 3000 psi		<b>Max. Allowed Ann. Press</b> 800 psi		<b>WH Connection</b> Single Cement head		<b>Perforations/Open Hole</b>		
				<b>Top,</b>	<b>Bottom,</b>	<b>No. of Shots</b>	<b>Total Interval</b>	
<b>Service Instructions</b> 9 5/8 Surface								
							<b>Diameter</b>	
<b>Treat Down</b>		<b>Displacement</b> 101.0 bbl		<b>Packer Type</b>		<b>Packer Depth</b>		
<b>Tubing Vol.</b>		<b>Casing Vol.</b> 101.0 bbl		<b>Annular Vol.</b> 83.0 bbl		<b>Openhole Vol.</b> 195.0 bbl		
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>		<b>1 Hole Vol. Circulated prior to Cement</b> <input checked="" type="checkbox"/>		<b>Casing Tools</b>		<b>Squeeze Job</b>		
<b>Lift Pressure</b> 655 psi		<b>Shoe Type</b> Float		<b>Squeeze Type</b>				
<b>Pipe Rotated</b> <input type="checkbox"/>		<b>Pipe Reciprocated</b> <input type="checkbox"/>		<b>Shoe Depth</b> 1320.0 ft		<b>Tool Type</b>		
<b>No. Centralizers</b>		<b>Top Plugs</b>	<b>Bottom Plugs</b>	<b>Stage Tool Type</b>		<b>Tool Depth</b>		
<b>Cement Head Type</b> Single		<b>Stage Tool Depth</b>		<b>Tail Pipe Size</b>				
<b>Job Scheduled For</b> Feb/04/2011 20:00		<b>Arrived on Location</b> Feb/04/2011 20:00		<b>Leave Location</b> Feb/04/2011 23:00		<b>Collar Type</b> Float		
						<b>Tail Pipe Depth</b>		
						<b>Sqz. Total Vol.</b>		
<b>Date</b>	<b>Time 24-hr clock</b>	<b>Treating Pressure PSI</b>	<b>Flow Rate B/M</b>	<b>Density LB/G</b>	<b>Volume BBL</b>	<b>Message</b>		
02/04/2011	20:30:50					Pump 9 5/8 Casing @ 1323'		
02/04/2011	20:30:50					20 bbl Water Ahead		
02/04/2011	20:30:50					92 bbl (244 sks) 12.5 ppg Lead		
02/04/2011	20:30:50					38 bbl (139sks) 14.0 ppg Tail		
02/04/2011	20:30:57					Displace 101 bbl Water		
02/04/2011	21:10:24	5	0.0	8.39	0.0			
02/04/2011	21:10:26					Start Job		
02/04/2011	21:10:26	5	0.0	8.39	0.0			
02/04/2011	21:10:27					Held Safety Meeting		
02/04/2011	21:10:27	5	0.0	8.39	0.0			
02/04/2011	21:10:29					Pressure Test Lines		
02/04/2011	21:10:29	5	0.0	8.39	0.0			
02/04/2011	21:10:31					Low Test = Good		
02/04/2011	21:10:31	5	0.0	8.39	0.0			
02/04/2011	21:10:33					Pressure Test Lines		
02/04/2011	21:10:33	5	0.0	8.39	0.0			
02/04/2011	21:10:34					High Test = Good		
02/04/2011	21:10:34	5	0.0	8.39	0.0			
02/04/2011	21:10:36					20 bbl Water Ahead		
02/04/2011	21:10:36	5	0.0	8.39	0.0			
02/04/2011	21:10:37					Good Returns		

Well			Field		Job Start	Customer	Job Number
MF07B-16 H17 696 MF07B-16			N Parachute		Feb/04/2011	Encana	BAD4-00293
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/04/2011	21:10:50	5	0.0	8.38	0.0		
02/04/2011	21:13:20	54	2.7	8.39	2.0		
02/04/2011	21:15:50	276	0.0	8.38	2.2		
02/04/2011	21:18:20	3147	0.0	8.38	2.2		
02/04/2011	21:20:50	2674	0.0	8.39	2.2		
02/04/2011	21:23:20	132	2.5	8.39	4.3		
02/04/2011	21:25:50	164	5.0	8.38	15.5		
02/04/2011	21:26:44					Reset Total, Vol = 20.04 bbl	
02/04/2011	21:26:44	173	5.0	8.38	20.0		
02/04/2011	21:26:46					Start Mixing Scav Slurry	
02/04/2011	21:26:46	170	5.0	8.38	20.2		
02/04/2011	21:26:47					92 bbl (244 sks) 12.5 ppg Lead	
02/04/2011	21:26:47					Take Wet and Dry Sample	
02/04/2011	21:26:47	181	5.0	8.38	20.3		
02/04/2011	21:26:48					Sample = 12.5 ppg	
02/04/2011	21:26:48					Good Returns	
02/04/2011	21:26:48	171	5.0	8.38	20.4		
02/04/2011	21:28:06					End Scavenger Slurry	
02/04/2011	21:28:06	274	6.4	12.60	27.1		
02/04/2011	21:28:07					Start Mixing Lead Slurry	
02/04/2011	21:28:07	255	6.4	12.60	27.2		
02/04/2011	21:28:20	286	6.5	12.60	28.6		
02/04/2011	21:30:50	252	6.5	12.56	44.8		
02/04/2011	21:33:20	253	6.5	12.50	60.9		
02/04/2011	21:35:50	255	6.5	12.50	77.1		
02/04/2011	21:38:20	241	6.5	12.48	93.3		
02/04/2011	21:40:50	234	6.5	12.59	109.5		
02/04/2011	21:41:28					End Lead Slurry	
02/04/2011	21:41:28	165	5.1	12.60	113.2		
02/04/2011	21:41:29					Start Mixing Scav Slurry	
02/04/2011	21:41:29	173	5.1	12.60	113.3		
02/04/2011	21:41:30					Reset Total, Vol = 93.38 bbl	
02/04/2011	21:41:30	173	5.1	12.61	113.4		
02/04/2011	21:41:31					38 bbl (139sks) 14.0 ppg Tail	
02/04/2011	21:41:31	164	5.1	12.61	113.5		
02/04/2011	21:41:32					Take Wet and Dry Sample	
02/04/2011	21:41:32					Sample = 14.0 ppg	
02/04/2011	21:41:32					Good Returns	
02/04/2011	21:41:32	167	5.1	12.61	113.6		
02/04/2011	21:42:47					End Scavenger Slurry	
02/04/2011	21:42:47					Start Mixing Tail Slurry	
02/04/2011	21:42:47	103	3.6	14.01	119.9		
02/04/2011	21:43:20	98	3.7	14.07	121.9		
02/04/2011	21:45:50	183	5.1	14.00	133.3		
02/04/2011	21:48:20	182	5.0	14.00	146.0		
02/04/2011	21:49:24					End Tail Slurry	
02/04/2011	21:49:24	201	5.1	14.09	151.4		
02/04/2011	21:49:25					Reset Total, Vol = 38.04 bbl	
02/04/2011	21:49:25	207	5.1	14.09	151.5		
02/04/2011	21:49:27					Drop Top Plug	
02/04/2011	21:49:27					Start Displacement	
02/04/2011	21:49:27	201	5.1	14.08	151.6		
02/04/2011	21:49:28					101 bbl Displacement	
02/04/2011	21:49:28					Good Returns	

Well		Field		Job Start		Customer		Job Number	
MF07B-16 H17 696 MF07B-16		N Parachute		Feb/04/2011		Encana		BAD4-00293	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/04/2011	21:50:50	194	5.1	13.99	158.7				
02/04/2011	21:53:20	75	1.7	13.67	159.4				
02/04/2011	21:55:50	30	3.6	8.62	167.1				
02/04/2011	22:05:50	2	0.5	8.40	180.9				
02/04/2011	22:08:20	205	6.4	8.24	193.6				
02/04/2011	22:10:50	328	6.4	8.38	209.6				
02/04/2011	22:13:20	362	6.4	8.38	225.5				
02/04/2011	22:14:03					Cement to Surface 60 Away			
02/04/2011	22:14:03					41 bbl Back to Surface			
02/04/2011	22:14:03	420	6.4	8.38	230.1				
02/04/2011	22:15:50	440	6.3	8.38	241.4				
02/04/2011	22:18:20	357	4.1	8.38	252.3				
02/04/2011	22:20:50	339	2.0	8.38	257.8				
02/04/2011	22:23:20	1417	0.0	8.38	259.5				
02/04/2011	22:25:50	1405	0.0	8.38	259.5				
02/04/2011	22:28:20	1398	0.0	8.39	259.5				
02/04/2011	22:30:50	880	0.0	8.39	259.5				
02/04/2011	22:33:20	5	0.0	8.39	259.5				
02/04/2011	22:33:25					Bump Top Plug			
02/04/2011	22:33:25	5	0.0	8.39	259.5				
02/04/2011	22:33:26					End Displacement			
02/04/2011	22:33:26	5	0.0	8.39	259.5				
02/04/2011	22:33:27					Bump Plug to 1500 psi			
02/04/2011	22:33:27					Bled off Pressure			
02/04/2011	22:33:27					0.5 bbl Back			
02/04/2011	22:33:27					Floats Held			
02/04/2011	22:33:27	5	0.0	8.39	259.5				
02/04/2011	22:33:28					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
5.1		0.0	6.5	259.5	0.0	27.1	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
3417	1500	471	900		FreshWater	294.0 bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
	130.0 bbl		107.9 bbl	85 degF	<input checked="" type="checkbox"/>		To
Customer or Authorized Representative			Schlumberger Supervisor		Washed Thru Perfs		Job Completed
Cody Huseby			Tom Leduc		<input type="checkbox"/>		<input checked="" type="checkbox"/>
					Circulation Lost		
					-		-