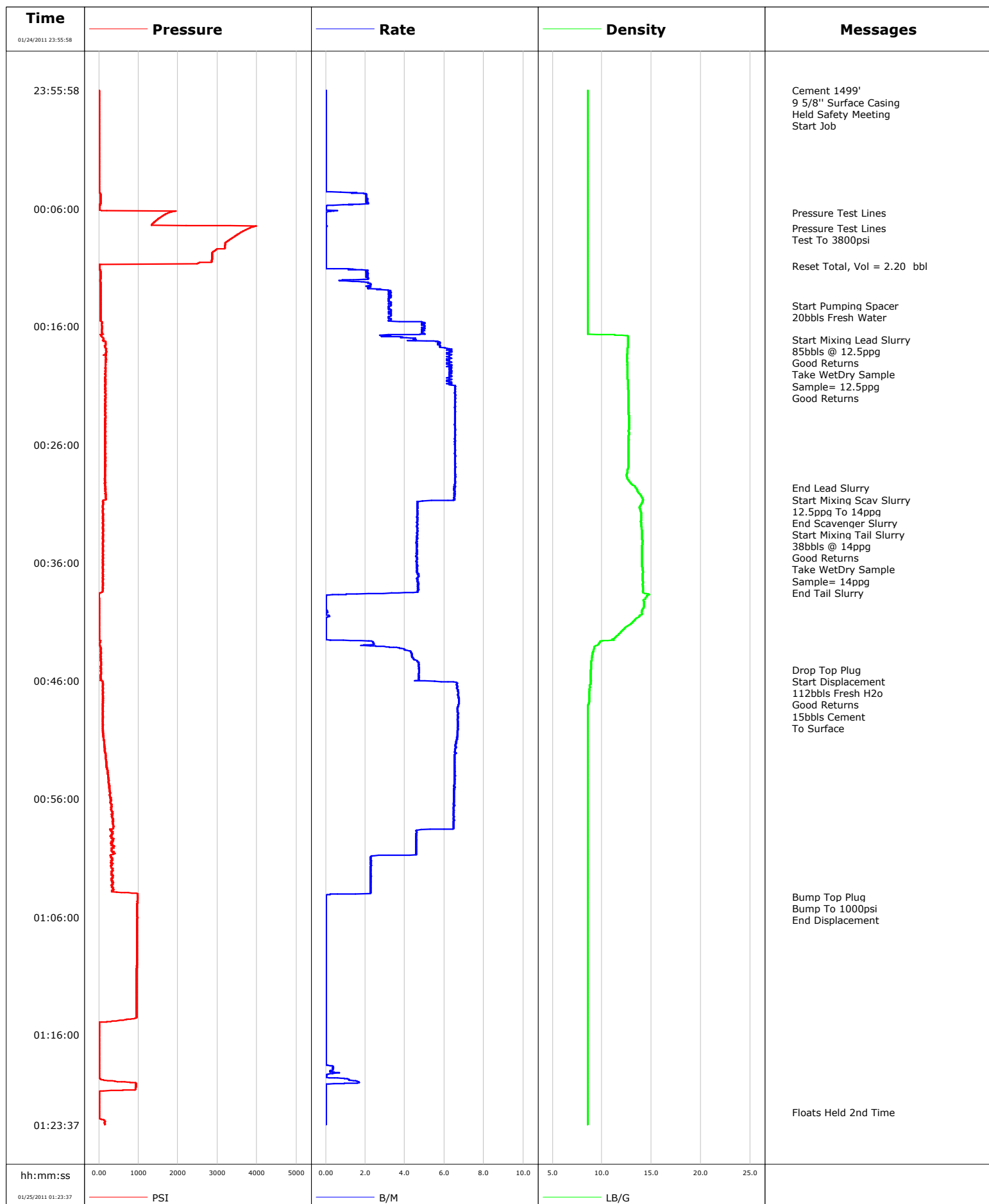


<b>Well</b>	MF02B-16	<b>Client</b>	ENCANA
<b>Field</b>	N PARACHUTE	<b>SIR No.</b>	BAD4-00287
<b>Engineer</b>		<b>Job Type</b>	SURFACE
<b>Country</b>	United States	<b>Job Date</b>	01-24-2011





# Cementing Service Report

				Customer ENCANA			Job Number BAD4-00287								
Well MF02B-16			Location (legal) N PARACHUTE			Schlumberger Location GJCO		Job Start Jan/24/2011							
Field N PARACHUTE		Formation Name/Type		Deviation		Bit Size 12.3 in		Well MD		Well TVD					
County GARFIELD		State/Province Colorado		BHP		BHST		BHCT		Pore Press. Gradient					
Well Master 0631240404		API/UWI													
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		1499.0		9.630		36.0				8RD	
						0.0		0.000		0.0					
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe									
						Depth,		Size,		Weight,		Grade		Thread	
Service Line Cementing		Job Type SURFACE													
Max. Allowed Tubing Press		Max. Allowed Ann. Press		WellHead Connection Single Cement head		Perforations/Open Hole									
						Top,		Bottom,				No. of Shots		Total Interval	
Service Instructions 20bbls water 226sks 12.5ppg 139sks 14ppg displace 112bbls fresh h2o														Diameter	
						Treat Down Casing		Displacement 112.0 bbl		Packer Type		Packer Depth			
						Tubing Vol.		Casing Vol. 114.0 bbl		Annular Vol. 93.0 bbl		Openhole Vol. 219.0 bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Volume Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job						
Lift Pressure 742 psi				Shoe Type Guide				Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1499.0 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 Jan/24/2011		Arrived on Location Jan/24/2011		Leave Location Jan/24/2011		Collar Type Diff-Fill			Tail Pipe Depth						
						Collar Depth 1452.0 ft			Sqz. Total Vol.						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
01/24/2011	23:33:42					Started Acquisition									
01/24/2011	23:55:58					Cement 1499'									
01/24/2011	23:55:58					9 5/8" Surface Casing									
01/24/2011	23:55:58					Held Safety Meeting									
01/24/2011	23:55:58	9	0.0	8.57	0.0										
01/24/2011	23:56:01					Start Job									
01/24/2011	23:56:01	9	0.0	8.57	0.0										
01/24/2011	23:57:42	9	0.0	8.57	0.0										
01/24/2011	23:59:42	9	0.0	8.57	0.0										
01/25/2011	00:01:42	9	0.0	8.57	0.0										
01/25/2011	00:03:42	6	0.0	8.57	0.0										
01/25/2011	00:05:42	23	0.9	8.57	2.1										
01/25/2011	00:06:20					Pressure Test Lines									
01/25/2011	00:06:20	1800	0.0	8.57	2.2										
01/25/2011	00:07:38					Pressure Test Lines									
01/25/2011	00:07:38	3828	0.0	8.57	2.2										
01/25/2011	00:07:39					Test To 3800psi									
01/25/2011	00:07:39	3813	0.0	8.57	2.2										
01/25/2011	00:07:42	3776	0.0	8.57	2.2										
01/25/2011	00:09:42	2877	0.0	8.57	2.2										
01/25/2011	00:10:51					Reset Total, Vol = 2.20 bbl									
01/25/2011	00:10:51	16	0.0	8.57	2.2										

Well			Field		Job Start	Customer	Job Number
MF02B-16			N PARACHUTE		Jan/24/2011	ENCANA	BAD4-00287
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/25/2011	00:11:42	43	2.2	8.57	3.4		
01/25/2011	00:13:42	46	3.2	8.57	8.4		
01/25/2011	00:14:13					Start Pumping Spacer	
01/25/2011	00:14:13	41	3.3	8.57	10.1		
01/25/2011	00:14:15					20bbls Fresh Water	
01/25/2011	00:14:15	42	3.3	8.57	10.2		
01/25/2011	00:15:42	77	4.9	8.57	15.1		
01/25/2011	00:17:07					Start Mixing Lead Slurry	
01/25/2011	00:17:07	113	4.5	12.61	21.6		
01/25/2011	00:17:08					85bbls @ 12.5ppg	
01/25/2011	00:17:08					Good Returns	
01/25/2011	00:17:08					Take Wet&Dry Sample	
01/25/2011	00:17:08	104	4.5	12.60	21.7		
01/25/2011	00:17:09					Sample= 12.5ppg	
01/25/2011	00:17:09					Good Returns	
01/25/2011	00:17:09	110	4.5	12.60	21.7		
01/25/2011	00:17:42	153	5.8	12.62	24.8		
01/25/2011	00:19:42	171	6.2	12.56	37.3		
01/25/2011	00:21:42	163	6.5	12.66	50.0		
01/25/2011	00:23:42	161	6.5	12.71	63.1		
01/25/2011	00:25:42	158	6.5	12.69	76.2		
01/25/2011	00:27:42	162	6.5	12.67	89.2		
01/25/2011	00:29:40					End Lead Slurry	
01/25/2011	00:29:40	158	6.5	13.40	102.1		
01/25/2011	00:29:42	171	6.5	13.44	102.3		
01/25/2011	00:29:43					Start Mixing Scav Slurry	
01/25/2011	00:29:43	161	6.5	13.46	102.4		
01/25/2011	00:29:44					12.5ppg To 14ppg	
01/25/2011	00:29:44	163	6.5	13.48	102.5		
01/25/2011	00:30:10					End Scavenger Slurry	
01/25/2011	00:30:10					Start Mixing Tail Slurry	
01/25/2011	00:30:10	159	6.5	13.80	105.3		
01/25/2011	00:30:12					38bbls @ 14ppg	
01/25/2011	00:30:12					Good Returns	
01/25/2011	00:30:12					Take Wet&Dry Sample	
01/25/2011	00:30:12					Sample= 14ppg	
01/25/2011	00:30:12	176	6.5	13.85	105.6		
01/25/2011	00:31:42	91	4.6	13.92	113.5		
01/25/2011	00:33:42	100	4.6	14.06	122.8		
01/25/2011	00:35:42	97	4.6	14.03	132.0		
01/25/2011	00:36:27					End Tail Slurry	
01/25/2011	00:36:27	98	4.6	14.10	135.5		
01/25/2011	00:37:42	100	4.7	14.12	141.3		
01/25/2011	00:39:42	1	0.0	14.23	145.6		
01/25/2011	00:41:42	2	0.0	12.13	145.7		
01/25/2011	00:43:42	52	4.3	9.05	149.2		
01/25/2011	00:45:03					Drop Top Plug	
01/25/2011	00:45:03	55	4.7	8.87	155.4		
01/25/2011	00:45:04					Start Displacement	
01/25/2011	00:45:04	54	4.7	8.87	155.4		
01/25/2011	00:45:05					112bbls Fresh H2o	
01/25/2011	00:45:05					Good Returns	
01/25/2011	00:45:05					15bbls Cement	
01/25/2011	00:45:05					To Surface	
01/25/2011	00:45:05	54	4.7	8.87	155.5		

Well			Field		Job Start	Customer		Job Number
MF02B-16			N PARACHUTE		Jan/24/2011	ENCANA		BAD4-00287
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/25/2011	00:45:42	47	4.7	8.83	158.4			
01/25/2011	00:47:42	98	6.7	8.71	171.0			
01/25/2011	00:49:42	94	6.7	8.57	184.4			
01/25/2011	00:51:42	143	6.6	8.57	197.7			
01/25/2011	00:53:42	217	6.5	8.57	210.7			
01/25/2011	00:55:42	270	6.5	8.57	223.7			
01/25/2011	00:57:42	358	6.5	8.57	236.7			
01/25/2011	00:59:42	339	4.6	8.57	247.5			
01/25/2011	01:01:42	304	2.3	8.57	254.6			
01/25/2011	01:03:42	366	2.3	8.57	259.2			
01/25/2011	01:04:17					Bump Top Plug		
01/25/2011	01:04:17	970	0.0	8.57	260.0			
01/25/2011	01:04:18					Bump To 1000psi		
01/25/2011	01:04:18	971	0.0	8.57	260.0			
01/25/2011	01:04:19					End Displacement		
01/25/2011	01:04:19	971	0.0	8.57	260.0			
01/25/2011	01:05:42	966	0.0	8.57	260.0			
01/25/2011	01:07:42	961	0.0	8.57	260.0			
01/25/2011	01:09:42	956	0.0	8.57	260.0			
01/25/2011	01:11:42	953	0.0	8.57	260.0			
01/25/2011	01:13:42	950	0.0	8.57	260.0			
01/25/2011	01:15:42	3	0.0	8.57	260.0			
01/25/2011	01:17:42	3	0.0	8.57	260.0			
01/25/2011	01:19:42	24	0.9	8.57	260.4			
01/25/2011	01:21:42	3	0.0	8.57	261.0			
01/25/2011	01:22:35					Floats Held 2nd Time		
01/25/2011	01:22:35	1	0.0	8.58	261.0			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.8	N2	Mud 0.0	Maximum Rate 6.7	Total Slurry 260.0	Mud 0.0	Spacer 21.6	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3993	Final 3	Average 380	Bump Plug to 1000	Breakdown	Type	Volume	Density	
Avg. N2 Percent		Designed Slurry Volume 123.0 bbl	Displacement 104.7 bbl	Mix Water Temp 58 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 15.0 bbl	
					Washed Thru Perfs <input type="checkbox"/>		To	
Customer or Authorized Representative ED ASUCHAK			Schlumberger Supervisor JASON CRICK			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	