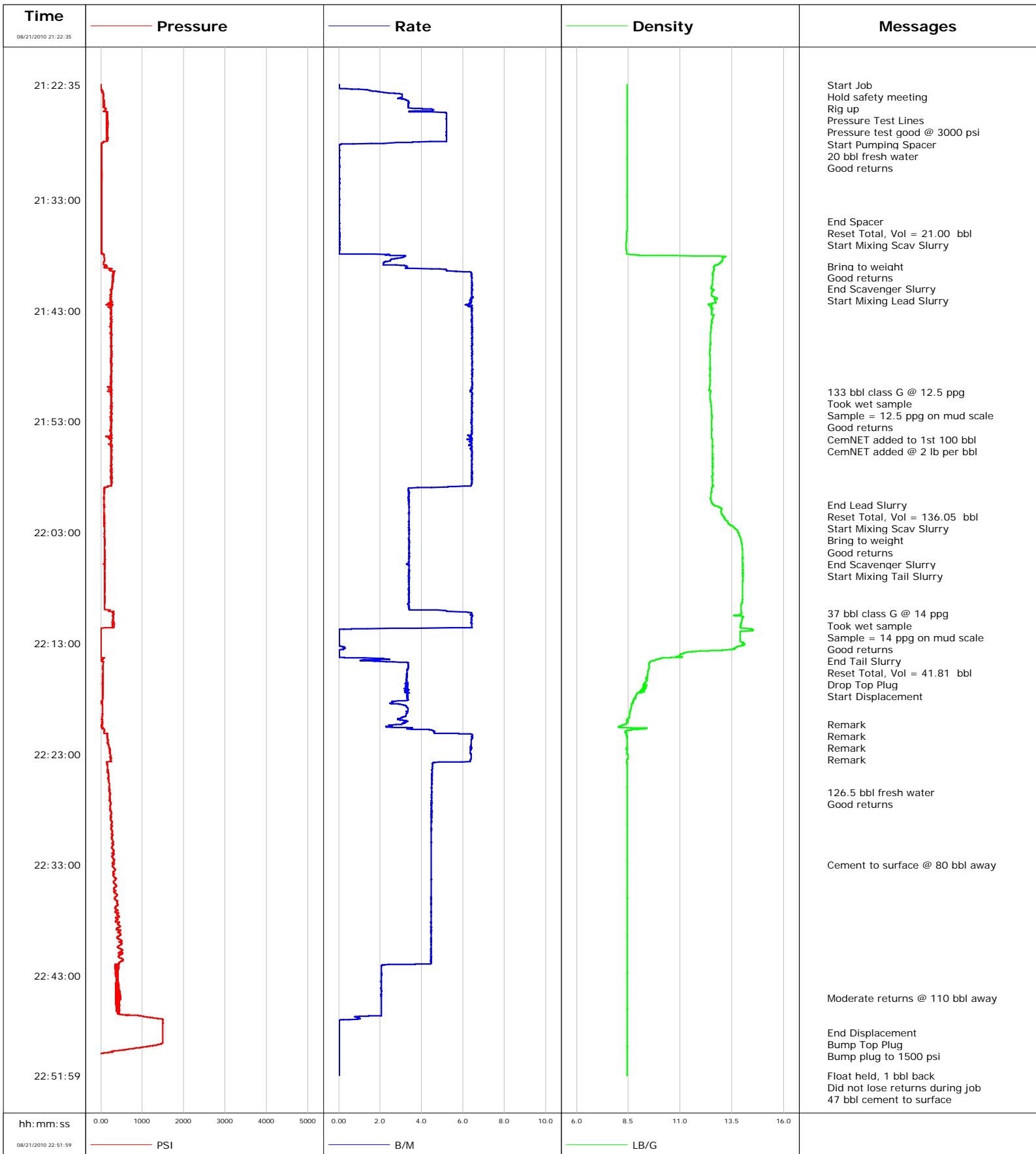


<b>Well</b>	WF06C-22 K22 596	<b>Client</b>	Encana
<b>Field</b>	N Parachute	<b>SIR No.</b>	BAD4-00146
<b>Engineer</b>	Dave Wanczyk	<b>Job Type</b>	9 5/8" Surface Casing
<b>Country</b>	United States	<b>Job Date</b>	08-21-2010



				Customer Encana			Job Number BAD4-00146				
Well WF06C-22 K22 596			Location (legal)			Schlumberger Location Grand Junction, CO			Job Start Aug/21/2010		
Field N Parachute		Formation Name/Type Shale		Deviation		Bit Size		Well MD 1689.0 ft		Well TVD 1689.0 ft	
County Garfield		State/Province Colorado		BHP		BHST 100 degF		BHCT 87 degF		Pore Press. Gradient	
Well Master 0631203047		API/UWI									
Rig Name		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		120.0		16.000		65.0	
						1689.0		9.630		36.0	
						J55		J55		8RD	
						J55		J55		8RD	
Drilling Fluid Type Bentonite		Max. Density 9.50 lb/gal		Plastic Viscosity 14.000 cP		Tubing/Drill Pipe					
						Depth,		Size,		Weight,	
						Grade		Thread			
Service Line Cementing		Job Type 9 5/8" Surface Casing									
Max. Allowed Tub. Press 3520 psi		Max. Allowed Ann. Press 2030 psi		WH Connection Single Cement head		Perforations/Open Hole					
						Top,		Bottom,		No. of Shots	
						Total Interval					
										Diameter	
						Treat Down Casing		Displacement 127.1 bbl		Packer Type	
						Packer Depth					
						Tubing Vol.		Casing Vol. 130.5 bbl		Annular Vol. 104.0 bbl	
						Openhole Vol. 271.0 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 835 psi		Shoe Type Guide		Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 1689.0 ft				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth	
Cement Head Type Single		Stage Tool Depth				Tail Pipe Size					
Job Scheduled For Aug/21/2010		Arrived on Location Aug/21/2010		Leave Location Aug/21/2010		Collar Type Diff-Fill				Tail Pipe Depth	
						Collar Depth 1644.0 ft				Sqz. Total Vol.	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
08/21/2010	20:41:44					Started Acquisition					
08/21/2010	21:22:35	-7	0.0	8.44	0.0						
08/21/2010	21:22:36					Start Job					
08/21/2010	21:22:36					Hold safety meeting					
08/21/2010	21:22:36	-7	0.0	8.44	0.0						
08/21/2010	21:22:37					Rig up					
08/21/2010	21:22:37	-8	0.0	8.44	0.0						
08/21/2010	21:22:39					Pressure Test Lines					
08/21/2010	21:22:39	-7	0.0	8.44	0.0						
08/21/2010	21:22:41					Pressure test good @ 3000 psi					
08/21/2010	21:22:41					Start Pumping Spacer					
08/21/2010	21:22:41	-7	0.0	8.44	0.0						
08/21/2010	21:23:24	65	2.7	8.44	0.7						
08/21/2010	21:25:04	155	4.5	8.45	6.4						
08/21/2010	21:25:51					20 bbl fresh water					
08/21/2010	21:25:51	163	5.2	8.44	10.5						
08/21/2010	21:25:52					Good returns					
08/21/2010	21:25:52	141	5.2	8.44	10.6						
08/21/2010	21:26:44	153	5.2	8.44	15.1						
08/21/2010	21:28:24	8	0.0	8.44	20.9						
08/21/2010	21:30:04	8	0.0	8.44	20.9						

Well			Field		Job Start	Customer	Job Number
WFO6C-22 K22 596			N Parachute		Aug/21/2010	Encana	BAD4-00146
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
08/21/2010	21:33:24	9	0.0	8.44	21.0		
08/21/2010	21:34:56					End Spacer	
08/21/2010	21:34:56	9	0.0	8.43	21.0		
08/21/2010	21:34:57					Reset Total, Vol = 21.00 bbl	
08/21/2010	21:34:57	9	0.0	8.43	21.0		
08/21/2010	21:35:04					Start Mixing Scav Slurry	
08/21/2010	21:35:04	9	0.0	8.43	21.0		
08/21/2010	21:36:44	10	0.0	8.40	21.0		
08/21/2010	21:38:24	85	2.5	13.06	22.5		
08/21/2010	21:39:00					Bring to weight	
08/21/2010	21:39:00	131	3.2	12.63	24.0		
08/21/2010	21:40:00					Good returns	
08/21/2010	21:40:00	285	6.4	12.58	29.4		
08/21/2010	21:40:04	285	6.4	12.58	29.9		
08/21/2010	21:41:00					End Scavenger Slurry	
08/21/2010	21:41:00	272	6.4	12.48	35.9		
08/21/2010	21:41:44	235	6.4	12.60	40.6		
08/21/2010	21:41:48					Start Mixing Lead Slurry	
08/21/2010	21:41:48	235	6.5	12.71	41.0		
08/21/2010	21:43:24	249	6.4	12.62	51.2		
08/21/2010	21:45:04	258	6.4	12.47	61.9		
08/21/2010	21:46:44	251	6.4	12.42	72.7		
08/21/2010	21:48:24	251	6.5	12.45	83.4		
08/21/2010	21:50:04	260	6.5	12.41	94.1		
08/21/2010	21:50:19					133 bbl class G @ 12.5 ppg	
08/21/2010	21:50:19	241	6.4	12.47	95.7		
08/21/2010	21:50:20					Took wet sample	
08/21/2010	21:50:20					Sample = 12.5 ppg on mud scale	
08/21/2010	21:50:20					Good returns	
08/21/2010	21:50:20	253	6.4	12.47	95.9		
08/21/2010	21:50:21					CemNET added to 1st 100 bbl	
08/21/2010	21:50:21	256	6.4	12.46	96.0		
08/21/2010	21:50:22					CemNET added @ 2 lb per bbl	
08/21/2010	21:50:22	256	6.4	12.46	96.1		
08/21/2010	21:51:44	252	6.4	12.52	104.9		
08/21/2010	21:53:24	243	6.4	12.52	115.6		
08/21/2010	21:55:04	243	6.4	12.56	126.2		
08/21/2010	21:56:44	255	6.4	12.57	136.9		
08/21/2010	21:58:24	259	6.4	12.56	147.6		
08/21/2010	22:00:04	75	3.4	12.48	154.8		
08/21/2010	22:00:30					End Lead Slurry	
08/21/2010	22:00:30	71	3.4	12.59	156.3		
08/21/2010	22:00:44					Reset Total, Vol = 136.05 bbl	
08/21/2010	22:00:44	84	3.4	12.89	157.0		
08/21/2010	22:00:48					Start Mixing Scav Slurry	
08/21/2010	22:00:48	79	3.4	12.96	157.3		
08/21/2010	22:01:00					Bring to weight	
08/21/2010	22:01:00	82	3.4	12.98	158.0		
08/21/2010	22:01:44	81	3.4	13.14	160.4		
08/21/2010	22:02:00					Good returns	
08/21/2010	22:02:00	79	3.4	13.29	161.3		
08/21/2010	22:03:24	93	3.4	13.88	166.1		
08/21/2010	22:03:52					End Scavenger Slurry	
08/21/2010	22:03:52	89	3.4	13.96	167.7		

Well			Field		Job Start	Customer	Job Number
WFO6C-22 K22 596			N Parachute		Aug/21/2010	Encana	BAD4-00146
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
08/21/2010	22:03:54	93	3.4	13.96	167.8		
08/21/2010	22:05:04	102	3.4	14.01	171.7		
08/21/2010	22:06:44	95	3.4	14.02	177.4		
08/21/2010	22:08:24	99	3.4	14.02	183.0		
08/21/2010	22:10:04	213	5.2	13.95	188.8		
08/21/2010	22:10:18					37 bbl class G @ 14 ppg	
08/21/2010	22:10:18					Took wet sample	
08/21/2010	22:10:18					Sample = 14 ppg on mud scale	
08/21/2010	22:10:18	291	6.4	13.97	190.2		
08/21/2010	22:10:19					Good returns	
08/21/2010	22:10:19	291	6.4	13.96	190.3		
08/21/2010	22:11:23					End Tail Slurry	
08/21/2010	22:11:23	308	6.4	13.92	197.1		
08/21/2010	22:11:44	-11	0.3	14.46	198.8		
08/21/2010	22:11:46					Reset Total, Vol = 41.81 bbl	
08/21/2010	22:11:46	-9	0.0	14.49	198.9		
08/21/2010	22:11:48					Drop Top Plug	
08/21/2010	22:11:48	-9	0.0	14.49	198.9		
08/21/2010	22:11:51					Start Displacement	
08/21/2010	22:11:51	-9	0.0	14.49	198.9		
08/21/2010	22:13:24	-3	0.2	13.65	198.9		
08/21/2010	22:15:04	45	3.3	9.50	200.9		
08/21/2010	22:16:44	54	3.3	9.28	206.4		
08/21/2010	22:18:24	19	2.5	8.71	211.7		
08/21/2010	22:20:04	40	3.3	8.48	217.0		
08/21/2010	22:20:18					Remark	
08/21/2010	22:20:18	31	3.0	8.39	217.7		
08/21/2010	22:20:20					Remark	
08/21/2010	22:20:20	27	2.9	8.33	217.8		
08/21/2010	22:20:26					Remark	
08/21/2010	22:20:26	19	2.5	8.19	218.1		
08/21/2010	22:20:27					Remark	
08/21/2010	22:20:27	13	2.5	8.15	218.1		
08/21/2010	22:21:44	174	6.4	8.43	224.6		
08/21/2010	22:23:24	240	6.4	8.47	235.2		
08/21/2010	22:25:04	187	4.5	8.44	243.3		
08/21/2010	22:26:26					126.5 bbl fresh water	
08/21/2010	22:26:26	217	4.5	8.44	249.4		
08/21/2010	22:26:27					Good returns	
08/21/2010	22:26:27	219	4.5	8.44	249.5		
08/21/2010	22:26:44	221	4.5	8.44	250.8		
08/21/2010	22:28:24	253	4.5	8.44	258.3		
08/21/2010	22:30:04	285	4.5	8.44	265.7		
08/21/2010	22:31:44	304	4.5	8.44	273.2		
08/21/2010	22:33:00					Cement to surface @ 80 bbl away	
08/21/2010	22:33:00	297	4.5	8.44	278.8		
08/21/2010	22:33:24	335	4.5	8.44	280.6		
08/21/2010	22:35:04	333	4.5	8.44	288.0		
08/21/2010	22:36:44	368	4.5	8.44	295.5		
08/21/2010	22:38:24	421	4.5	8.44	302.9		
08/21/2010	22:40:04	488	4.5	8.44	310.3		
08/21/2010	22:41:44	478	4.4	8.44	317.7		
08/21/2010	22:43:24	373	2.1	8.44	321.7		
08/21/2010	22:45:00					Moderate returns @ 110 bbl away	

Well		Field		Job Start		Customer		Job Number	
WFO6C-22 K22 596		N Parachute		Aug/21/2010		Encana		BAD4-00146	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/21/2010	22:45:04	471	2.1	8.44	325.2				
08/21/2010	22:46:44	1128	0.9	8.44	328.5				
08/21/2010	22:48:09					End Displacement			
08/21/2010	22:48:09	1491	0.0	8.44	328.7				
08/21/2010	22:48:11					Bump Top Plug			
08/21/2010	22:48:11	1491	0.0	8.44	328.7				
08/21/2010	22:48:12					Bump plug to 1500 psi			
08/21/2010	22:48:12	1491	0.0	8.44	328.7				
08/21/2010	22:48:24	1491	0.0	8.44	328.7				
08/21/2010	22:50:04	-13	0.0	8.45	328.8				
08/21/2010	22:51:44	-15	0.0	8.45	328.8				
08/21/2010	22:51:59	-13	0.0	8.45	328.8				
08/21/2010	22:51:59					Float held, 1 bbl back			
08/21/2010	22:51:59					Did not lose returns during job			
08/21/2010	22:51:59					47 bbl cement to surface			
08/21/2010	22:51:59					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
3.8		0.0	6.5	170.0	0.0	20.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
3000	0	237	1500				
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	47.0 bbl
	170.0 bbl	126.5 bbl	74 degF	Washed Thru Perfs	<input type="checkbox"/>	To	
Customer or Authorized Representative		Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed
Randy Burke		Dave Wanczyk			-		<input checked="" type="checkbox"/>
					-		