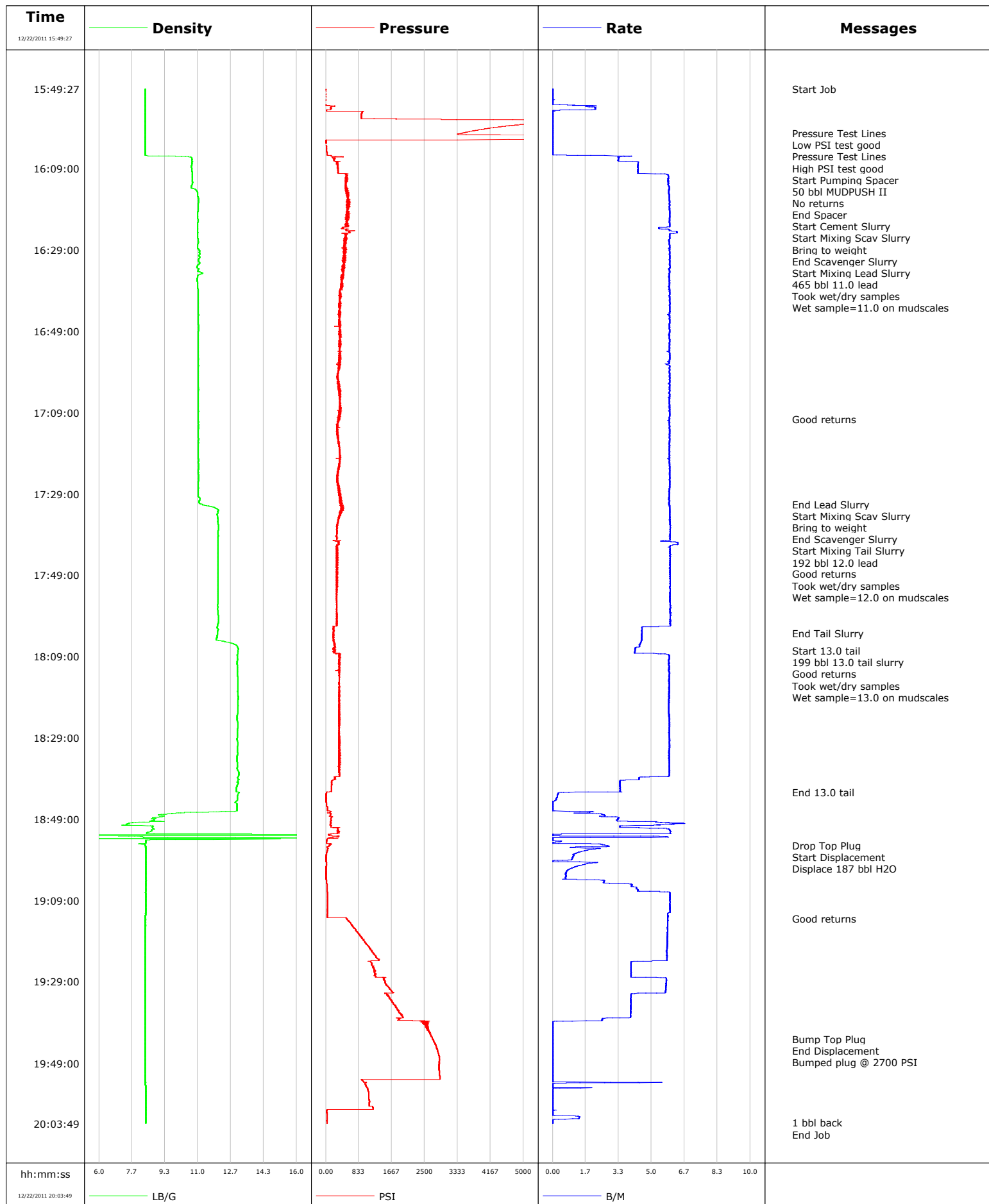


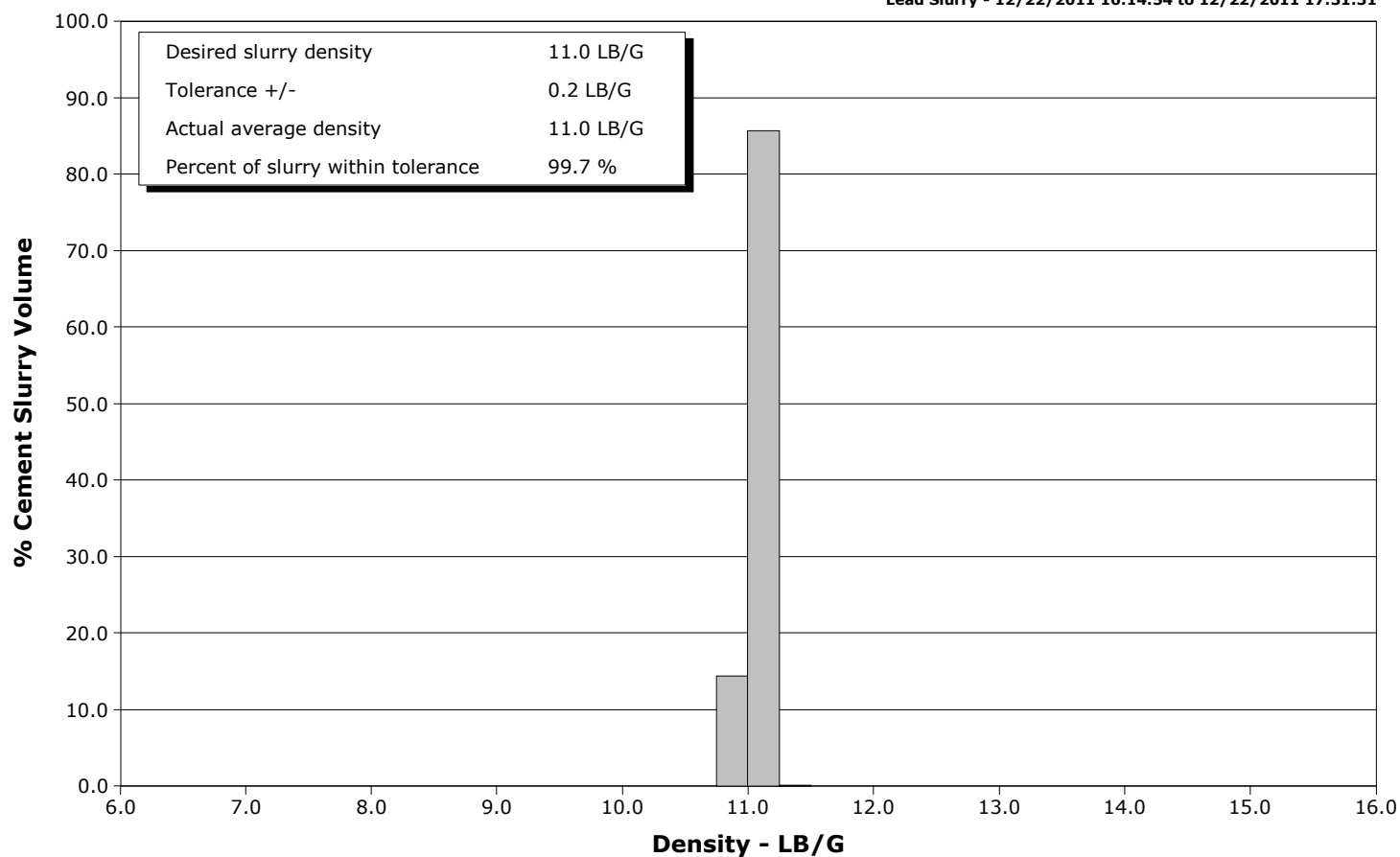
<b>Well</b>	SGU 8508C-21	<b>Client</b>	Encana
<b>Field</b>	Story Gulch	<b>SIR No.</b>	BUNM-00630
<b>Engineer</b>	Matt Fair/Charles Peavey	<b>Job Type</b>	4 1/2" Production
<b>Country</b>	United States	<b>Job Date</b>	12-22-2011



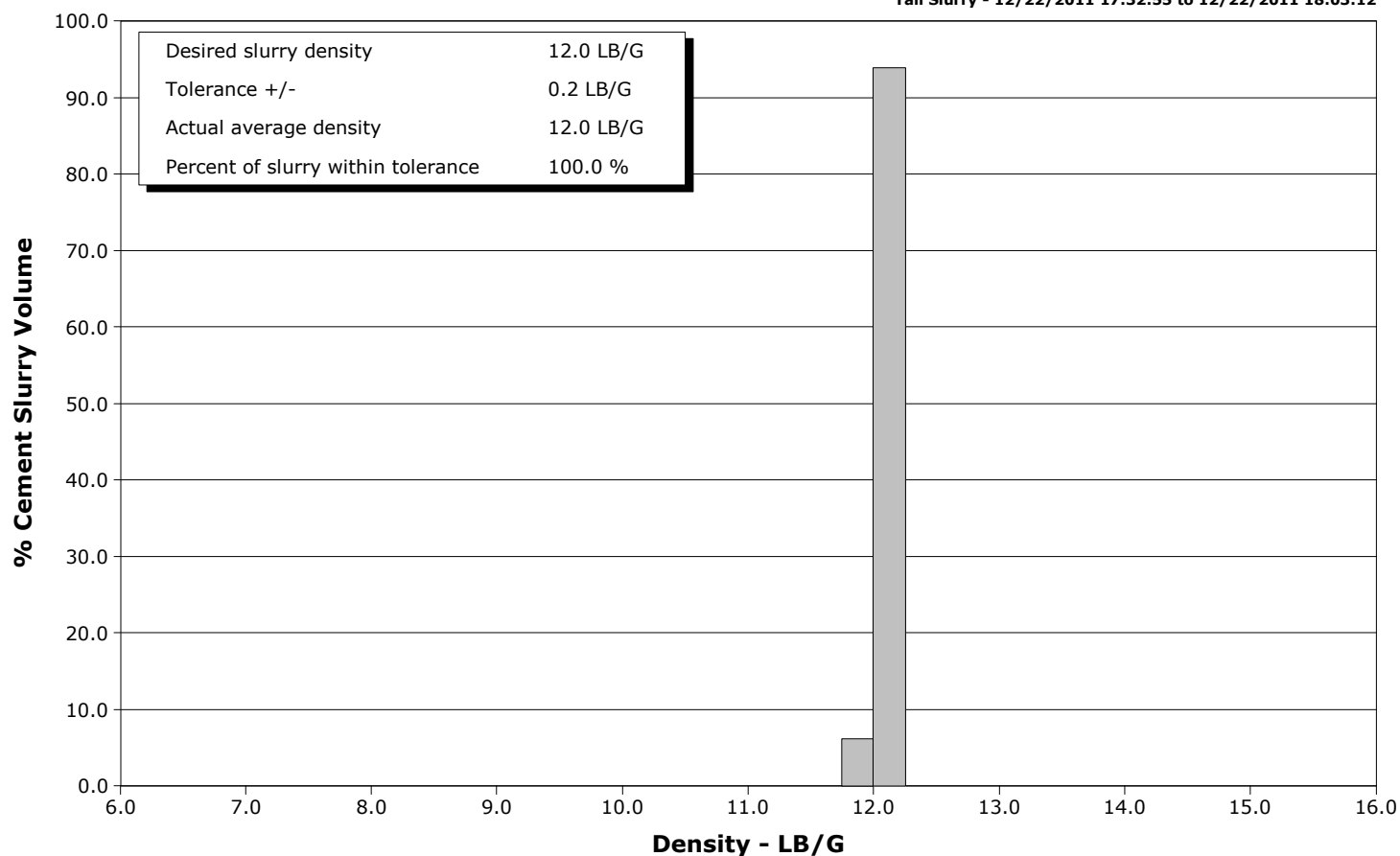
**Well** SGU 8508C-21  
**Field** Story Gulch  
**Engineer** Matt Fair/Charles Peavey  
**Country** United States

**Client** Encana  
**SIR No.** BUNM-00630  
**Job Type** 4 1/2" Production  
**Job Date** 12-22-2011

**Lead Slurry - 12/22/2011 16:14:54 to 12/22/2011 17:31:31**



**Tail Slurry - 12/22/2011 17:32:55 to 12/22/2011 18:03:12**



				Customer Encana			Job Number BUNM-00630										
Well SGU 8508C-21			Location (legal)			Schlumberger Location			Job Start Dec/22/2011								
Field Story Gulch		Formation Name/Type Shale			Deviation deg		Bit Size 8.5 in		Well MD 12094.0 ft		Well TVD 12094.0 ft						
County Garfield		State/Province Colorado			BHP psi		BHST 260 degF		BHCT 199 degF		Pore Press. Gradient lb/gal						
Well Master 0631277974		API/UWI															
Rig Name Patterson 306		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		2100.0		9.6		36.0		N/A		N/A			
						12094.0		4.5		11.6		N80		BUTT			
Drilling Fluid Type Bentonite		Max. Density 9.50 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe											
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 4 1/2" Production															
Max. Allowed Tub. Press 7780 psi		Max. Allowed Ann. Press 6350 psi		WH Connection Single Cement head		Perforations/Open Hole											
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft			
						ft		ft									
						ft		ft						Diameter in			
						ft		ft									
						Treat Down Casing		Displacement 187.0 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 188.0 bbl		Annular Vol. 390.0 bbl		Openhole Vol. 829.0 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 8821 psi		Shoe Type Float				Squeeze Type											
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12094.0 ft				Tool Type							
No. Centralizers		Top Plugs 1		Bottom Plugs 0		Stage Tool Type				Tool Depth ft							
Cement Head Type Single		Stage Tool Depth ft				Tail Pipe Size in											
Job Scheduled For Dec/22/2011 12:00		Arrived on Location Dec/22/2011 12:00		Leave Location Dec/22/2011 21:00		Collar Type Float				Tail Pipe Depth ft							
		Collar Depth 12046.0 ft				Sqz. Total Vol. bbl											
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message												
12/22/2011	15:49:27	8.35	-0	0.0	Started Acquisition												
12/22/2011	15:49:30	8.35	-1	0.0	Start Job												
12/22/2011	15:51:07	8.35	-1	0.0													
12/22/2011	15:52:47	8.35	-1	0.0													
12/22/2011	15:54:27	8.35	115	2.2													
12/22/2011	15:56:07	8.35	896	0.0													
12/22/2011	15:57:47	8.35	5448	0.0													
12/22/2011	15:59:27	8.35	3935	0.0													
12/22/2011	16:00:18	8.35	3477	0.0	Pressure Test Lines												
12/22/2011	16:00:19	8.35	3464	0.0	Low PSI test good												
12/22/2011	16:01:07	8.35	5404	0.0													
12/22/2011	16:02:20	8.35	3	0.0	Pressure Test Lines												
12/22/2011	16:02:47	8.35	0	0.0													
12/22/2011	16:04:27	8.35	20	0.0													
12/22/2011	16:05:46	8.35	45	0.7	Start Pumping Spacer												
12/22/2011	16:05:48	8.35	63	1.3	50 bbl MUDPUSH II												
12/22/2011	16:06:07	10.52	389	3.5													
12/22/2011	16:07:47	10.71	294	4.3													
12/22/2011	16:09:27	10.70	299	4.3													
12/22/2011	16:11:07	10.72	550	5.8													
12/22/2011	16:11:57	10.73	540	5.9	No returns												

Well SGU 8508C-21			Field Story Gulch	Job Start Dec/22/2011	Customer Encana	Job Number BUNM-00630
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
12/22/2011	16:14:06	10.86	492	5.9	End Spacer	
12/22/2011	16:14:13	10.88	528	5.9	Start Cement Slurry	
12/22/2011	16:14:15	10.89	551	5.9	Start Mixing Scav Slurry	
12/22/2011	16:14:27	10.93	548	5.9		
12/22/2011	16:14:53	10.98	574	5.9	End Scavenger Slurry	
12/22/2011	16:14:54	10.98	574	5.9	Start Mixing Lead Slurry	
12/22/2011	16:16:07	11.01	553	5.9		
12/22/2011	16:17:31	11.03	518	5.9	Took wet/dry samples	
12/22/2011	16:17:32	11.03	540	5.9	Wet sample=11.0 on mudscales	
12/22/2011	16:17:47	11.02	612	5.9		
12/22/2011	16:19:27	11.00	544	5.9		
12/22/2011	16:21:07	11.00	567	5.9		
12/22/2011	16:22:47	10.99	520	5.9		
12/22/2011	16:24:27	11.00	585	6.3		
12/22/2011	16:26:07	11.00	520	5.9		
12/22/2011	16:27:47	11.00	498	5.9		
12/22/2011	16:29:27	11.10	468	5.9		
12/22/2011	16:31:07	11.05	466	5.9		
12/22/2011	16:32:47	11.00	420	5.9		
12/22/2011	16:34:27	11.09	425	5.9		
12/22/2011	16:36:07	10.96	389	5.9		
12/22/2011	16:37:47	10.99	408	5.9		
12/22/2011	16:39:27	11.00	358	5.9		
12/22/2011	16:41:07	11.01	367	5.9		
12/22/2011	16:42:47	11.02	350	5.9		
12/22/2011	16:44:27	11.02	322	5.9		
12/22/2011	16:46:07	11.02	355	5.9		
12/22/2011	16:47:47	11.03	326	5.9		
12/22/2011	16:49:27	11.02	389	5.9		
12/22/2011	16:51:07	11.02	350	5.9		
12/22/2011	16:52:47	11.02	372	5.9		
12/22/2011	16:54:27	11.02	361	5.9		
12/22/2011	16:56:07	11.02	367	5.9		
12/22/2011	16:57:47	11.02	320	5.9		
12/22/2011	16:59:27	11.02	296	5.9		
12/22/2011	17:01:07	11.02	326	5.9		
12/22/2011	17:02:47	11.02	334	5.9		
12/22/2011	17:04:27	11.02	345	5.9		
12/22/2011	17:06:07	11.02	360	5.9		
12/22/2011	17:07:47	11.02	381	5.9		
12/22/2011	17:09:27	11.02	325	5.9		
12/22/2011	17:10:41	11.02	346	5.9	Good returns	
12/22/2011	17:11:07	11.02	336	5.9		
12/22/2011	17:12:47	11.02	277	5.9		
12/22/2011	17:14:27	11.02	318	5.9		
12/22/2011	17:16:07	11.02	304	5.9		
12/22/2011	17:17:47	11.02	347	5.9		
12/22/2011	17:19:27	11.02	362	5.9		
12/22/2011	17:21:07	11.02	331	5.9		
12/22/2011	17:22:47	11.03	342	5.9		
12/22/2011	17:24:27	11.03	279	5.9		
12/22/2011	17:26:07	11.01	314	5.9		
12/22/2011	17:27:47	11.02	307	5.9		
12/22/2011	17:29:27	11.01	378	5.9		

Well SGU 8508C-21			Field Story Gulch	Job Start Dec/22/2011	Customer Encana	Job Number BUNM-00630
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
12/22/2011	17:31:31	11.16	411	5.9	End Lead Slurry	
12/22/2011	17:31:36	11.22	404	5.9	Start Mixing Scav Slurry	
12/22/2011	17:31:45	11.25	381	5.9	Bring to weight	
12/22/2011	17:32:47	11.99	393	5.9		
12/22/2011	17:32:54	12.02	423	5.9	End Scavenger Slurry	
12/22/2011	17:32:55	12.02	405	5.9	Start Mixing Tail Slurry	
12/22/2011	17:32:58	12.03	379	5.9	192 bbl 12.0 lead	
12/22/2011	17:34:27	11.99	324	5.9		
12/22/2011	17:36:07	12.02	314	5.9		
12/22/2011	17:37:47	12.03	280	5.9		
12/22/2011	17:38:36	12.03	282	5.9	Good returns	
12/22/2011	17:38:49	12.02	284	5.9	Took wet/dry samples	
12/22/2011	17:38:50	12.02	284	5.9	Wet sample=12.0 on mudscales	
12/22/2011	17:39:27	12.03	278	5.9		
12/22/2011	17:41:07	12.02	308	6.3		
12/22/2011	17:42:47	12.03	266	5.9		
12/22/2011	17:44:27	12.02	303	6.0		
12/22/2011	17:46:07	12.02	271	5.9		
12/22/2011	17:47:47	12.02	277	5.9		
12/22/2011	17:49:27	12.02	270	5.9		
12/22/2011	17:51:07	12.02	294	5.9		
12/22/2011	17:52:47	12.02	272	5.9		
12/22/2011	17:54:27	12.02	278	5.9		
12/22/2011	17:56:07	12.01	273	5.9		
12/22/2011	17:57:47	12.01	273	5.9		
12/22/2011	17:59:27	12.04	289	5.9		
12/22/2011	18:01:07	12.01	268	5.9		
12/22/2011	18:02:47	12.01	200	4.5		
12/22/2011	18:03:12	12.00	207	4.5	End Tail Slurry	
12/22/2011	18:04:27	11.96	191	4.5		
12/22/2011	18:06:07	12.90	234	4.4		
12/22/2011	18:07:35	13.03	228	4.2	Start 13.0 tail	
12/22/2011	18:07:47	13.03	199	4.2		
12/22/2011	18:07:50	13.03	225	4.2	199 bbl 13.0 tail slurry	
12/22/2011	18:08:08	13.03	254	4.2	Good returns	
12/22/2011	18:09:27	12.99	347	5.9		
12/22/2011	18:11:07	12.99	336	5.9		
12/22/2011	18:11:19	13.00	334	5.9	Took wet/dry samples	
12/22/2011	18:11:20	13.01	334	5.9	Wet sample=13.0 on mudscales	
12/22/2011	18:12:47	13.01	351	5.9		
12/22/2011	18:14:27	13.02	332	5.9		
12/22/2011	18:16:07	13.02	333	5.9		
12/22/2011	18:17:47	13.01	347	5.9		
12/22/2011	18:19:27	13.03	329	5.9		
12/22/2011	18:21:07	13.03	347	5.9		
12/22/2011	18:22:47	13.02	327	5.9		
12/22/2011	18:24:27	12.98	363	5.9		
12/22/2011	18:26:07	13.02	330	5.9		
12/22/2011	18:27:47	13.00	347	5.9		
12/22/2011	18:29:27	12.98	343	5.9		
12/22/2011	18:31:07	13.01	338	5.9		
12/22/2011	18:32:47	13.01	347	5.9		
12/22/2011	18:34:27	12.97	349	5.9		
12/22/2011	18:36:07	12.99	329	5.9		

Well			Field	Job Start	Customer	Job Number
SGU 8508C-21			Story Gulch	Dec/22/2011	Encana	BUNM-00630
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
12/22/2011	18:39:27	13.03	173	3.6		
12/22/2011	18:41:07	12.96	142	3.4		
12/22/2011	18:42:21	12.98	28	2.8	End 13.0 tail	
12/22/2011	18:42:47	13.03	12	0.3		
12/22/2011	18:44:27	12.98	12	0.1		
12/22/2011	18:46:07	12.98	40	0.0		
12/22/2011	18:47:47	9.44	117	2.5		
12/22/2011	18:49:27	8.64	132	3.3		
12/22/2011	18:51:07	8.70	190	4.4		
12/22/2011	18:52:47	-3.12	66	0.0		
12/22/2011	18:54:27	8.36	25	0.4		
12/22/2011	18:55:24	8.35	107	2.7	Drop Top Plug	
12/22/2011	18:55:25	8.35	116	2.7	Start Displacement	
12/22/2011	18:56:07	8.36	47	1.7		
12/22/2011	18:57:46	8.37	12	1.0	Displace 187 bbl H2O	
12/22/2011	18:57:47	8.37	12	1.0		
12/22/2011	18:59:27	8.37	4	0.0		
12/22/2011	19:01:07	8.37	10	0.9		
12/22/2011	19:02:47	8.37	7	0.7		
12/22/2011	19:04:27	8.37	18	2.6		
12/22/2011	19:06:07	8.36	29	4.2		
12/22/2011	19:07:47	8.36	37	5.9		
12/22/2011	19:09:27	8.35	38	5.9		
12/22/2011	19:11:07	8.35	38	5.9		
12/22/2011	19:12:47	8.35	37	5.8		
12/22/2011	19:13:30	8.35	534	5.8	Good returns	
12/22/2011	19:14:27	8.35	616	5.8		
12/22/2011	19:16:07	8.35	759	5.8		
12/22/2011	19:17:47	8.35	874	5.8		
12/22/2011	19:19:27	8.35	1004	5.8		
12/22/2011	19:21:07	8.35	1134	5.8		
12/22/2011	19:22:47	8.35	1265	5.8		
12/22/2011	19:24:27	8.35	1175	4.0		
12/22/2011	19:26:07	8.35	1248	4.0		
12/22/2011	19:27:47	8.35	1273	4.0		
12/22/2011	19:29:27	8.35	1505	5.7		
12/22/2011	19:31:07	8.35	1652	5.7		
12/22/2011	19:32:47	8.35	1613	4.0		
12/22/2011	19:34:27	8.35	1705	3.9		
12/22/2011	19:36:07	8.35	1827	3.9		
12/22/2011	19:37:47	8.35	1960	3.9		
12/22/2011	19:39:27	8.35	2585	0.0		
12/22/2011	19:41:07	8.35	2601	0.0		
12/22/2011	19:42:47	8.35	2686	0.0		
12/22/2011	19:43:01	8.35	2698	0.0	Bump Top Plug	
12/22/2011	19:43:02	8.35	2698	0.0	End Displacement	
12/22/2011	19:43:04	8.35	2698	0.0	Bumped plug @ 2700 PSI	
12/22/2011	19:44:27	8.35	2770	0.0		
12/22/2011	19:46:07	8.35	2828	0.0		
12/22/2011	19:47:47	8.34	2877	0.0		
12/22/2011	19:49:27	8.35	2865	0.0		
12/22/2011	19:51:07	8.35	2869	0.0		
12/22/2011	19:52:47	8.35	2886	0.0		
12/22/2011	19:54:27	8.35	1009	0.0		

Well SGU 8508C-21			Field Story Gulch		Job Start Dec/22/2011		Customer Encana		Job Number BUNM-00630	
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message					
12/22/2011	19:57:47	8.36	1088	0.0						
12/22/2011	19:59:27	8.36	1102	0.0						
12/22/2011	20:01:07	8.36	25	0.0						
12/22/2011	20:02:47	8.36	34	0.3						
12/22/2011	20:03:38	8.36	31	0.0	1 bbl back					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.2	N2	Mud	Maximum Rate 6.7	Total Slurry 856.0	Mud 0.0	Spacer 49.6	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6571	Final 34	Average 649	Bump Plug to 2500	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 856.0 bbl		Displacement 186.9 bbl	Mix Water Temp 49 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 30.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To ft		
Customer or Authorized Representative Robert Escojeda			Schlumberger Supervisor Matt Fair/Charles Peavey			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	



# Service Quality Evaluation

Client:	Encana
Field:	Story Gulch
Rig:	Patterson 306
Well:	SGU 8508C-21
Service Line:	Cementing
Job Type:	4 1/2" Production

Service Order #:	
Date:	Dec/22/2011
Operating Time (hh:mm):	00:00
Client Rep:	Robert Escojeda
Schlumberger Engineer:	Matt Fair/Charles Peavey
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1b	Free of environmental spill or non-compliant discharge	5	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	5
1c	Wellsite left clean	4	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	4
Sub-total					100%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
Sub-total					100%

3	Execution				
3a	Lost time < 30 mins	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3b	Equipment pressure tested succesfully	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3d	Plugs / darts released and tested succesfully	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3e	Density variation met expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3f	Personnel performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3g	Equipment performed as per expectations	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3h	Job pumped as per design	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
3i	Did job start on time	2	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	2
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	3
Sub-total					100%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input checked="" type="checkbox"/>	no <input type="checkbox"/>	10
Sub-total					100%

Total 100%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: