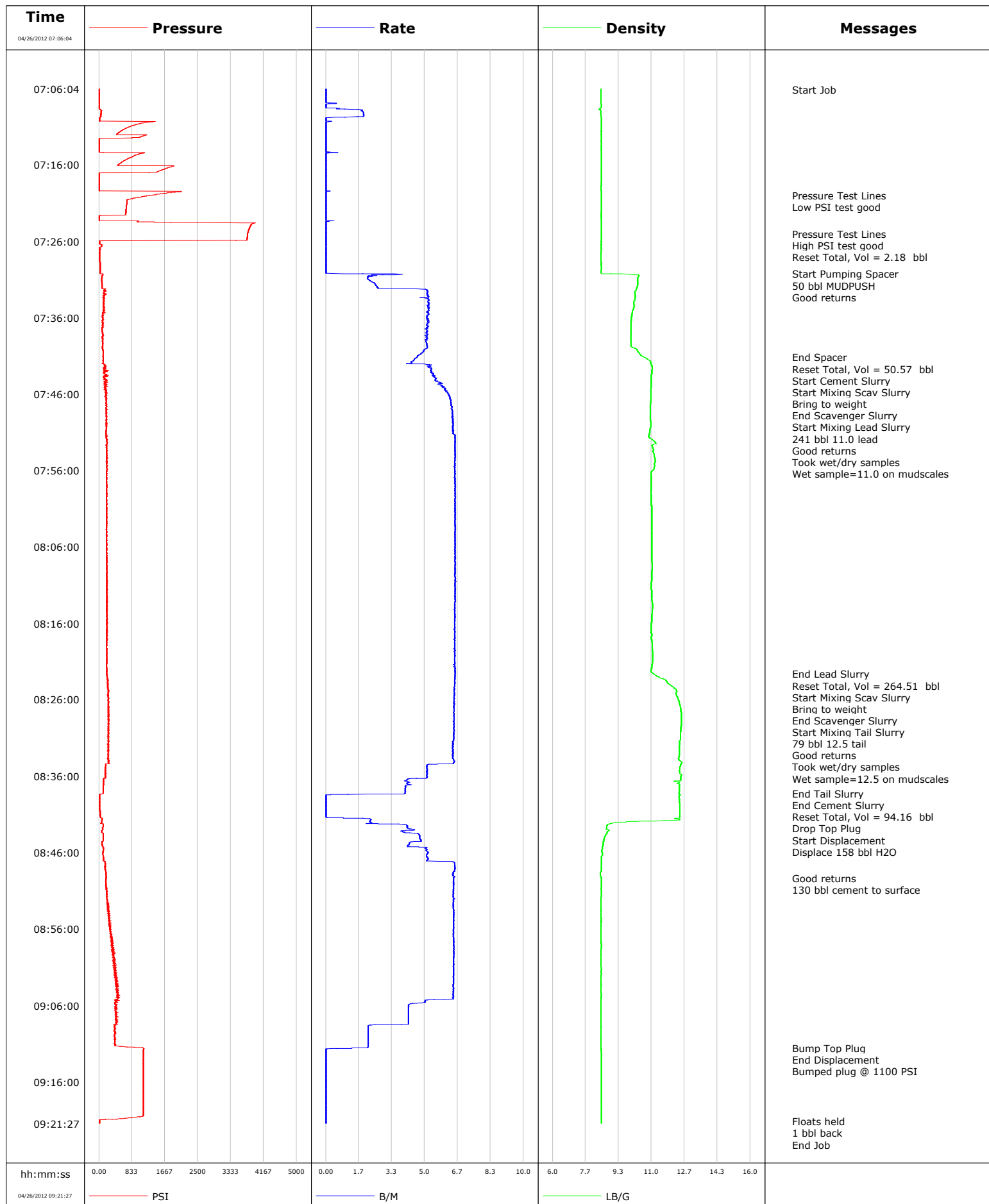


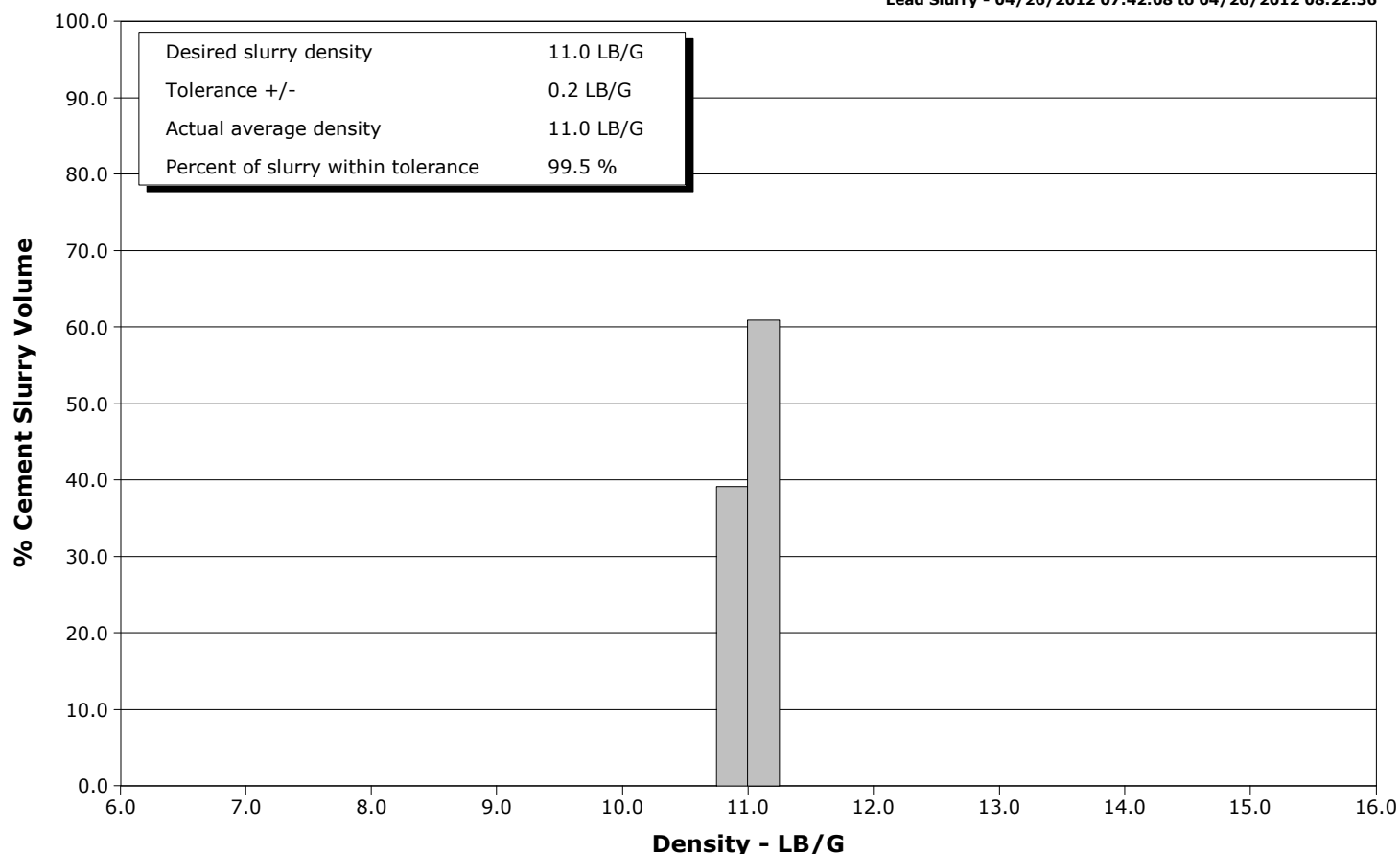
<b>Well</b>	SGU 8514C-22	<b>Client</b>	Encana
<b>Field</b>	Story Gulch	<b>SIR No.</b>	COBA-00477
<b>Engineer</b>	Matt Fair/Charles Peavey	<b>Job Type</b>	9 5/8" Surface
<b>Country</b>	United States	<b>Job Date</b>	04-26-2012



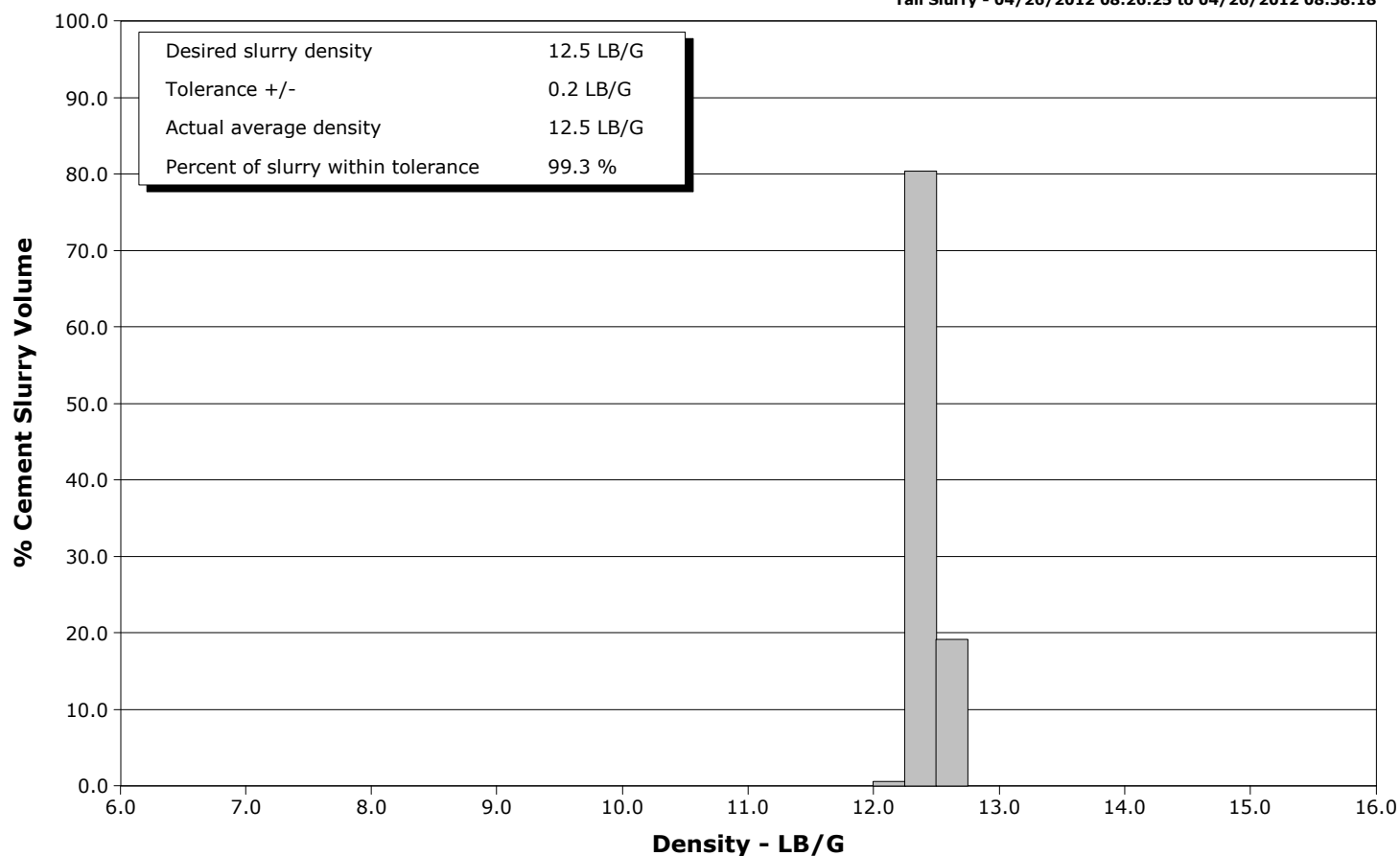
**Well** SGU 8514C-22  
**Field** Story Gulch  
**Engineer** Matt Fair/Charles Peavey  
**Country** United States

**Client** Encana  
**SIR No.** COBA-00477  
**Job Type** 9 5/8" Surface  
**Job Date** 04-26-2012

**Lead Slurry - 04/26/2012 07:42:08 to 04/26/2012 08:22:36**



**Tail Slurry - 04/26/2012 08:26:25 to 04/26/2012 08:38:18**



				Customer Encana			Job Number COBA-00477										
Well SGU 8514C-22			Location (legal)			Schlumberger Location			Job Start Apr/26/2012								
Field Story Gulch		Formation Name/Type Shale			Deviation deg		Bit Size 14.8 in		Well MD 2090.0 ft		Well TVD 2090.0 ft						
County Garfield		State/Province Colorado			BHP psi		BHST 110 degF		BHCT 91 degF		Pore Press. Gradient lb/gal						
Well Master 0631310461		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		2090.0		9.6		36.0		J55		8RD			
						0.0		0.0		0.0							
Drilling Fluid Type Bentonite		Max. Density 9.00 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe											
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade		Thread	
Service Line Cementing		Job Type 9 5/8" Surface															
Max. Allowed Tub. Press 3520 psi		Max. Allowed Ann. Press 2030 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 158.0 bbl		Packer Type		Packer Depth ft					
						Tubing Vol. bbl		Casing Vol. 162.0 bbl		Annular Vol. 255.0 bbl		Openhole Vol. 419.0 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 1034 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2090.0 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 Apr/26/2012 02:00		Arrived on Location Apr/26/2012 02:00		Leave Location Apr/26/2012 11:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 2044.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message												
04/26/2012	07:06:04	8.45	3	0.0	Started Acquisition												
04/26/2012	07:06:10	8.45	3	0.0	Start Job												
04/26/2012	07:08:34	8.45	1	0.0													
04/26/2012	07:11:04	8.45	751	0.0													
04/26/2012	07:13:34	8.45	3	0.0													
04/26/2012	07:16:04	8.45	477	0.0													
04/26/2012	07:18:34	8.45	3	0.0													
04/26/2012	07:20:00	8.45	1327	0.0	Pressure Test Lines												
04/26/2012	07:20:01	8.45	1295	0.0	Low PSI test good												
04/26/2012	07:21:04	8.45	700	0.0													
04/26/2012	07:23:34	8.45	1821	0.0													
04/26/2012	07:25:02	8.45	3757	0.0	Pressure Test Lines												
04/26/2012	07:25:03	8.45	3757	0.0	High PSI test good												
04/26/2012	07:26:04	8.45	17	0.0													
04/26/2012	07:27:36	8.45	17	0.0	Reset Total, Vol = 2.18 bbl												
04/26/2012	07:28:34	8.45	19	0.0													
04/26/2012	07:30:15	8.48	31	0.8	Start Pumping Spacer												
04/26/2012	07:30:17	8.93	93	1.9	50 bbl MUDPUSH												
04/26/2012	07:31:04	10.31	73	2.2													
04/26/2012	07:33:01	10.17	145	5.2	Good returns												
04/26/2012	07:33:34	10.16	135	5.2													

Well SGU 8514C-22			Field Story Gulch	Job Start Apr/26/2012	Customer Encana	Job Number COBA-00477
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
04/26/2012	07:38:34	9.95	85	5.1		
04/26/2012	07:41:04	10.55	98	4.6		
04/26/2012	07:41:11	10.64	100	4.6	End Spacer	
04/26/2012	07:41:12	10.64	100	4.6	Reset Total, Vol = 50.57 bbl	
04/26/2012	07:41:15	10.68	105	4.6	Start Cement Slurry	
04/26/2012	07:41:16	10.70	105	4.6	Start Mixing Scav Slurry	
04/26/2012	07:41:19	10.74	104	4.6	Bring to weight	
04/26/2012	07:42:07	10.99	131	5.1	End Scavenger Slurry	
04/26/2012	07:42:08	10.98	128	5.2	Start Mixing Lead Slurry	
04/26/2012	07:42:10	10.98	157	5.3	241 bbl 11.0 lead	
04/26/2012	07:43:34	11.00	243	5.5		
04/26/2012	07:46:01	10.96	170	6.2	Good returns	
04/26/2012	07:46:04	10.96	183	6.2		
04/26/2012	07:46:16	10.96	203	6.3	Took wet/dry samples	
04/26/2012	07:46:18	10.96	173	6.3	Wet sample=11.0 on mudscales	
04/26/2012	07:48:34	10.93	194	6.4		
04/26/2012	07:51:04	10.90	181	6.5		
04/26/2012	07:53:34	11.08	199	6.5		
04/26/2012	07:56:04	11.04	197	6.5		
04/26/2012	07:58:34	10.98	195	6.5		
04/26/2012	08:01:04	11.00	195	6.6		
04/26/2012	08:03:34	11.01	192	6.5		
04/26/2012	08:06:04	11.02	195	6.5		
04/26/2012	08:08:34	11.03	196	6.5		
04/26/2012	08:11:04	11.00	196	6.5		
04/26/2012	08:13:34	11.06	201	6.5		
04/26/2012	08:16:04	11.00	214	6.5		
04/26/2012	08:18:34	11.03	199	6.5		
04/26/2012	08:21:04	11.05	201	6.5		
04/26/2012	08:22:36	11.10	201	6.5	End Lead Slurry	
04/26/2012	08:22:39	11.12	193	6.5	Reset Total, Vol = 264.51 bbl	
04/26/2012	08:22:47	11.20	218	6.5	Start Mixing Scav Slurry	
04/26/2012	08:22:50	11.23	219	6.5	Bring to weight	
04/26/2012	08:23:34	11.76	227	6.5		
04/26/2012	08:26:04	12.37	244	6.5		
04/26/2012	08:26:24	12.41	229	6.5	End Scavenger Slurry	
04/26/2012	08:26:25	12.41	266	6.5	Start Mixing Tail Slurry	
04/26/2012	08:26:27	12.41	234	6.5	79 bbl 12.5 tail	
04/26/2012	08:28:34	12.51	228	6.5		
04/26/2012	08:28:39	12.51	244	6.5	Good returns	
04/26/2012	08:29:11	12.50	238	6.5	Took wet/dry samples	
04/26/2012	08:29:12	12.50	238	6.5	Wet sample=12.5 on mudscales	
04/26/2012	08:31:04	12.46	247	6.5		
04/26/2012	08:33:34	12.39	222	6.4		
04/26/2012	08:36:04	12.47	167	5.1		
04/26/2012	08:38:18	12.39	106	4.0	End Tail Slurry	
04/26/2012	08:38:20	12.39	62	3.5	Reset Total, Vol = 94.16 bbl	
04/26/2012	08:38:34	12.42	22	0.0		
04/26/2012	08:41:04	12.44	36	0.0		
04/26/2012	08:42:05	9.19	64	2.3	Drop Top Plug	
04/26/2012	08:42:06	9.19	62	2.3	Start Displacement	
04/26/2012	08:43:34	8.73	102	4.7		
04/26/2012	08:44:20	8.59	101	4.8	Displace 158 bbl H2O	
04/26/2012	08:46:04	8.51	100	5.2		

Well			Field	Job Start	Customer	Job Number
SGU 8514C-22			Story Gulch	Apr/26/2012	Encana	COBA-00477
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
04/26/2012	08:49:22	8.46	183	6.5	Good returns	
04/26/2012	08:50:12	8.46	183	6.5	130 bbl cement to surface	
04/26/2012	08:51:04	8.45	216	6.4		
04/26/2012	08:53:34	8.45	264	6.5		
04/26/2012	08:56:04	8.45	262	6.5		
04/26/2012	08:58:34	8.45	341	6.5		
04/26/2012	09:01:04	8.45	366	6.5		
04/26/2012	09:03:34	8.45	495	6.4		
04/26/2012	09:06:04	8.45	429	4.2		
04/26/2012	09:08:34	8.45	419	2.5		
04/26/2012	09:11:04	8.45	419	2.1		
04/26/2012	09:11:35	8.45	1119	1.3	Bump Top Plug	
04/26/2012	09:11:38	8.45	1133	0.5	End Displacement	
04/26/2012	09:11:39	8.45	1130	0.5	Bumped plug @ 1100 PSI	
04/26/2012	09:13:34	8.45	1115	0.0		
04/26/2012	09:16:04	8.45	1117	0.0		
04/26/2012	09:21:04	8.45	21	0.0		
04/26/2012	09:21:10	8.45	20	0.0	Floats held	
04/26/2012	09:21:12	8.45	20	0.0	1 bbl back	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
5.7			6.6		321.0	0.0	50.6	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
3956	21	358	1100			bbl	lb/gal	
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	
%		321.0 bbl		156.6 bbl	59 degF	<input checked="" type="checkbox"/>	130.0 bbl	
						<input type="checkbox"/>	To	
							ft	
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	Job Completed	
Garth Gramlich			Matt Fair/Charles Peavey			<input type="checkbox"/>	<input checked="" type="checkbox"/>	
						-	-	



# Service Quality Evaluation

Client:	Encana
Field:	Story Gulch
Rig:	Patterson 306
Well:	SGU 8514C-22
Service Line:	Cementing
Job Type:	9 5/8" Surface

Service Order #:	
Date:	Apr/26/2012
Operating Time (hh:mm):	00:00
Client Rep:	Garth Gramlich
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: