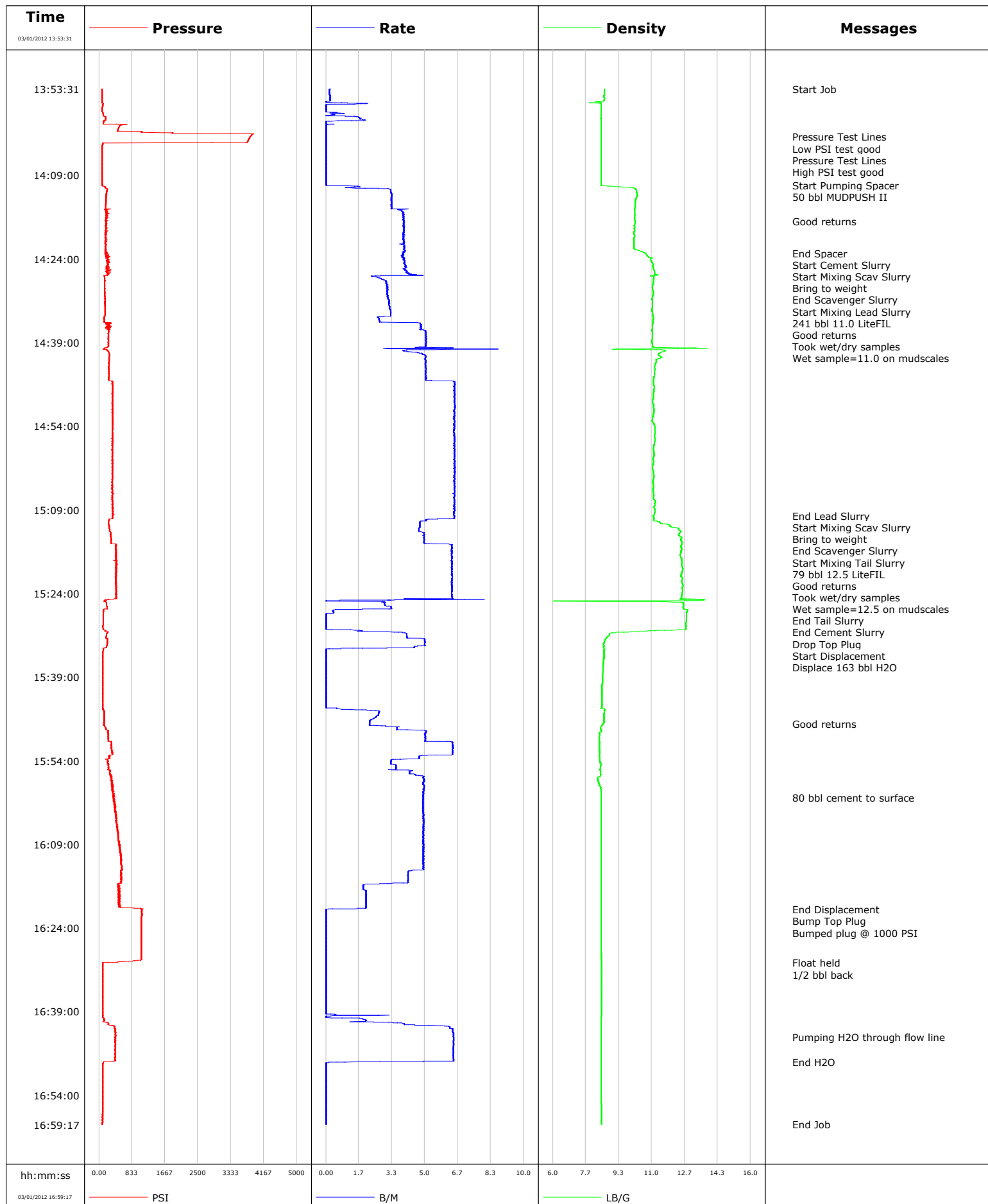


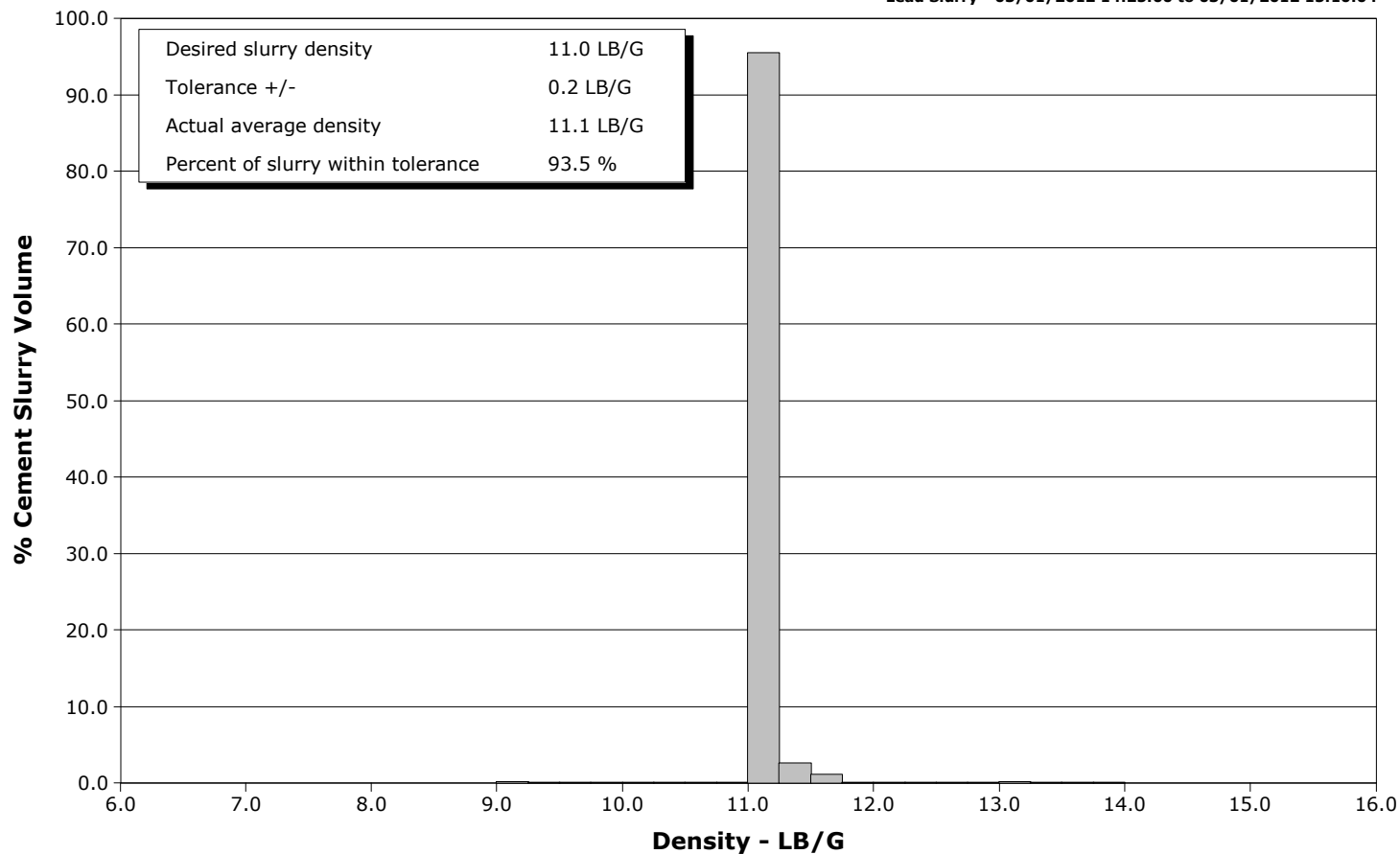
<b>Well</b>	SGU 8511B-22	<b>Client</b>	Encana
<b>Field</b>	Story Gulch	<b>SIR No.</b>	BTX1-00192
<b>Engineer</b>	Matt Fair/Z. Langsdorf	<b>Job Type</b>	9 5/8 Surface
<b>Country</b>	United States	<b>Job Date</b>	03-01-2012



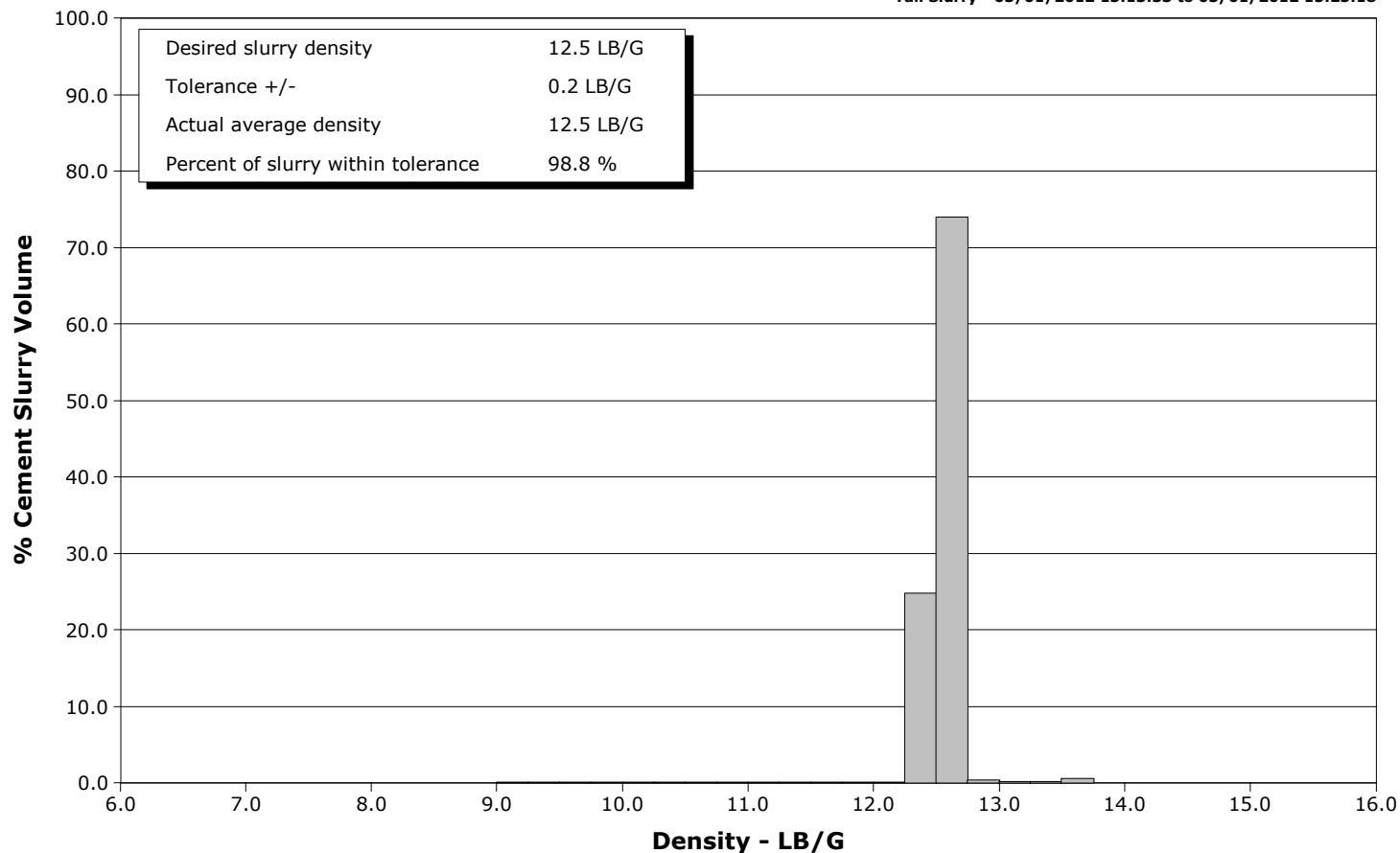
**Well** SGU 8511B-22  
**Field** Story Gulch  
**Engineer** Matt Fair/Z. Langsdorf  
**Country** United States

**Client** Encana  
**SIR No.** BTX1-00192  
**Job Type** 9 5/8 Surface  
**Job Date** 03-01-2012

**Lead Slurry - 03/01/2012 14:25:00 to 03/01/2012 15:10:04**



**Tail Slurry - 03/01/2012 15:13:33 to 03/01/2012 15:25:18**



				Customer Encana			Job Number BTX1-00192										
Well SGU 8511B-22			Location (legal)			Schlumberger Location			Job Start Mar/01/2012								
Field Story Gulch		Formation Name/Type Shale			Deviation deg		Bit Size 14.8 in		Well MD 2148.0 ft		Well TVD 2148.0 ft						
County Garfield		State/Province Colorado			BHP psi		BHST 110 degF		BHCT 91 degF		Pore Press. Gradient lb/gal						
Well Master		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		120.0		16.0		65.0		N/A		N/A			
						2148.0		9.6		36.0		K55		8RD			
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			
Service Instructions Cement surface casing 471 sks/241 bbl 11.0 Y=2.87 246 sks/79 bbl 12.5 Y=1.81						ft		ft									
						ft		ft						Diameter in			
						ft		ft									
		Treat Down Casing		Displacement 163.0 bbl		Packer Type		Packer Depth ft									
		Tubing Vol. bbl		Casing Vol. 167.0 bbl		Annular Vol. 262.0 bbl		Openhole Vol. 430.0 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 1063 psi				Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2148.0 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 Mar/01/2012 10:00		Arrived on Location Mar/01/2012 12:00		Leave Location Mar/01/2012 18:00		Collar Type Float				Tail Pipe Depth ft							
						Collar Depth 2101.0 ft				Sqz. Total Vol. bbl							
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message												
03/01/2012	13:53:31	8.61	79	0.2	Started Acquisition												
03/01/2012	13:53:35	8.61	80	0.2	Start Job												
03/01/2012	13:55:11	8.60	80	0.2													
03/01/2012	13:56:51	8.45	84	0.0													
03/01/2012	13:58:31	8.45	160	1.6													
03/01/2012	14:00:11	8.45	516	0.0													
03/01/2012	14:01:51	8.45	3852	0.0													
03/01/2012	14:02:04	8.45	3826	0.0	Pressure Test Lines												
03/01/2012	14:02:05	8.45	3823	0.0	Low PSI test good												
03/01/2012	14:03:06	8.44	3741	0.0	Pressure Test Lines												
03/01/2012	14:03:07	8.44	3741	0.0	High PSI test good												
03/01/2012	14:03:31	8.44	87	0.0													
03/01/2012	14:05:11	8.44	84	0.0													
03/01/2012	14:06:51	8.45	80	0.0													
03/01/2012	14:08:31	8.45	81	0.0													
03/01/2012	14:10:11	8.45	81	0.0													
03/01/2012	14:10:49	8.45	79	0.0	Start Pumping Spacer												
03/01/2012	14:10:50	8.45	79	0.1	50 bbl MUDPUSH II												
03/01/2012	14:11:51	10.24	201	3.3													
03/01/2012	14:13:31	10.19	174	3.3													
03/01/2012	14:15:11	10.13	201	3.7													

Well SGU 8511B-22			Field Story Gulch	Job Start Mar/01/2012	Customer Encana	Job Number BTX1-00192
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
03/01/2012	14:17:13	10.16	178	3.9	Good returns	
03/01/2012	14:18:31	10.12	197	3.9		
03/01/2012	14:20:11	10.11	171	3.9		
03/01/2012	14:21:51	10.11	159	4.0		
03/01/2012	14:23:01	10.68	174	3.9	End Spacer	
03/01/2012	14:23:07	10.71	159	3.9	Start Cement Slurry	
03/01/2012	14:23:09	10.72	156	3.9	Start Mixing Scav Slurry	
03/01/2012	14:23:19	10.75	201	3.9	Bring to weight	
03/01/2012	14:23:31	10.80	171	3.9		
03/01/2012	14:24:59	11.07	245	4.0	End Scavenger Slurry	
03/01/2012	14:25:00	11.08	209	4.0	Start Mixing Lead Slurry	
03/01/2012	14:25:01	11.08	219	4.0	241 bbl 11.0 LiteFIL	
03/01/2012	14:25:11	11.07	215	4.0		
03/01/2012	14:26:51	11.34	218	4.6		
03/01/2012	14:28:31	11.07	145	3.1		
03/01/2012	14:28:38	11.07	144	3.1	Good returns	
03/01/2012	14:30:11	11.09	154	3.1		
03/01/2012	14:31:36	11.04	148	3.2	Took wet/dry samples	
03/01/2012	14:31:51	11.05	151	3.2		
03/01/2012	14:33:31	11.03	152	3.3		
03/01/2012	14:35:11	11.07	128	2.7		
03/01/2012	14:36:51	11.02	242	5.0		
03/01/2012	14:38:31	11.04	238	5.1		
03/01/2012	14:40:11	9.19	108	8.7		
03/01/2012	14:41:51	11.41	256	5.0		
03/01/2012	14:43:31	11.14	251	5.1		
03/01/2012	14:45:11	11.11	249	5.1		
03/01/2012	14:46:51	11.12	349	6.5		
03/01/2012	14:48:31	11.08	350	6.5		
03/01/2012	14:50:11	11.10	337	6.5		
03/01/2012	14:51:51	11.09	339	6.5		
03/01/2012	14:53:31	11.11	342	6.5		
03/01/2012	14:55:11	11.15	357	6.5		
03/01/2012	14:56:51	11.15	344	6.5		
03/01/2012	14:58:31	11.10	341	6.5		
03/01/2012	15:00:11	11.08	334	6.5		
03/01/2012	15:01:51	11.06	348	6.5		
03/01/2012	15:03:31	11.08	340	6.5		
03/01/2012	15:05:11	11.07	342	6.5		
03/01/2012	15:06:51	11.08	328	6.5		
03/01/2012	15:08:31	11.11	347	6.5		
03/01/2012	15:10:04	11.12	339	6.5	End Lead Slurry	
03/01/2012	15:10:11	11.06	344	6.5		
03/01/2012	15:11:51	11.91	257	4.7		
03/01/2012	15:12:12	12.22	254	4.7	Start Mixing Scav Slurry	
03/01/2012	15:12:17	12.31	257	4.7	Bring to weight	
03/01/2012	15:13:31	12.36	310	5.0		
03/01/2012	15:13:32	12.36	298	5.0	End Scavenger Slurry	
03/01/2012	15:13:33	12.36	298	5.0	Start Mixing Tail Slurry	
03/01/2012	15:13:35	12.37	289	5.0	79 bbl 12.5 LiteFIL	
03/01/2012	15:15:11	12.52	428	6.3		
03/01/2012	15:16:51	12.47	429	6.4		
03/01/2012	15:18:10	12.52	416	6.4	Good returns	
03/01/2012	15:18:20	12.54	449	6.4	Took wet/dry samples	

Well SGU 8511B-22			Field Story Gulch	Job Start Mar/01/2012	Customer Encana	Job Number BTX1-00192
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
03/01/2012	15:18:31	12.53	438	6.4		
03/01/2012	15:20:11	12.53	427	6.4		
03/01/2012	15:21:51	12.52	414	6.4		
03/01/2012	15:23:31	12.57	436	6.4		
03/01/2012	15:25:11	12.68	137	3.5		
03/01/2012	15:25:18	9.07	182	0.0	End Tail Slurry	
03/01/2012	15:25:21	4.55	128	0.0	End Cement Slurry	
03/01/2012	15:26:51	12.67	135	1.8		
03/01/2012	15:28:31	12.75	101	0.0		
03/01/2012	15:30:11	12.73	96	0.0		
03/01/2012	15:31:15	8.87	198	4.1	Drop Top Plug	
03/01/2012	15:31:16	8.87	196	4.1	Start Displacement	
03/01/2012	15:31:51	8.73	184	4.1		
03/01/2012	15:33:31	8.59	188	4.5		
03/01/2012	15:33:34	8.58	192	4.5	Displace 163 bbl H2O	
03/01/2012	15:35:11	8.58	90	0.0		
03/01/2012	15:36:51	8.55	90	0.0		
03/01/2012	15:38:31	8.52	90	0.0		
03/01/2012	15:40:11	8.50	90	0.0		
03/01/2012	15:41:51	8.49	95	0.0		
03/01/2012	15:43:31	8.48	95	0.0		
03/01/2012	15:45:11	8.62	125	2.7		
03/01/2012	15:46:51	8.58	128	2.2		
03/01/2012	15:47:27	8.53	125	2.2	Good returns	
03/01/2012	15:48:31	8.45	217	4.6		
03/01/2012	15:50:11	8.35	231	5.0		
03/01/2012	15:51:51	8.36	316	6.4		
03/01/2012	15:53:31	8.37	251	4.7		
03/01/2012	15:55:11	8.41	232	3.5		
03/01/2012	15:56:51	8.39	286	5.0		
03/01/2012	15:58:31	8.39	330	5.0		
03/01/2012	16:00:11	8.45	358	4.9		
03/01/2012	16:00:35	8.45	386	4.9	80 bbl cement to surface	
03/01/2012	16:01:51	8.45	372	4.9		
03/01/2012	16:03:31	8.45	415	4.9		
03/01/2012	16:05:11	8.45	441	4.9		
03/01/2012	16:06:51	8.45	492	4.9		
03/01/2012	16:08:31	8.45	498	4.9		
03/01/2012	16:10:11	8.45	535	4.9		
03/01/2012	16:11:51	8.45	565	4.9		
03/01/2012	16:13:31	8.45	594	4.9		
03/01/2012	16:15:11	8.45	558	4.2		
03/01/2012	16:16:51	8.45	504	1.9		
03/01/2012	16:18:31	8.45	535	2.0		
03/01/2012	16:20:11	8.45	493	2.0		
03/01/2012	16:20:38	8.45	1073	0.0	End Displacement	
03/01/2012	16:20:39	8.45	1087	0.0	Bump Top Plug	
03/01/2012	16:20:41	8.45	1087	0.0	Bumped plug @ 1000 PSI	
03/01/2012	16:21:51	8.45	1079	0.0		
03/01/2012	16:23:31	8.45	1075	0.0		
03/01/2012	16:25:11	8.45	1075	0.0		
03/01/2012	16:26:51	8.45	1075	0.0		
03/01/2012	16:28:31	8.45	1076	0.0		
03/01/2012	16:30:11	8.45	218	0.0		

Well			Field	Job Start	Customer	Job Number
SGU 8511B-22			Story Gulch	Mar/01/2012	Encana	BTX1-00192
Date	Time 24-hr clock	CPF1_DENSITY LB/G	CPF1_PRESS PSI	CPF1_TTL_RATE B/M	Message	
03/01/2012	16:30:19	8.45	92	0.0	1/2 bbl back	
03/01/2012	16:31:51	8.45	91	0.0		
03/01/2012	16:33:31	8.45	90	0.0		
03/01/2012	16:35:11	8.45	91	0.0		
03/01/2012	16:36:51	8.45	88	0.0		
03/01/2012	16:38:31	8.45	88	0.0		
03/01/2012	16:40:11	8.45	114	1.3		
03/01/2012	16:41:51	8.45	395	6.3		
03/01/2012	16:43:31	8.45	431	6.4		
03/01/2012	16:43:36	8.45	421	6.5	Pumping H2O through flow line	
03/01/2012	16:45:11	8.45	414	6.4		
03/01/2012	16:46:51	8.45	408	6.4		
03/01/2012	16:48:03	8.45	104	1.8	End H2O	
03/01/2012	16:48:31	8.45	92	0.0		
03/01/2012	16:50:11	8.45	88	0.0		
03/01/2012	16:51:51	8.45	87	0.0		
03/01/2012	16:53:31	8.45	87	0.0		
03/01/2012	16:55:11	8.45	86	0.0		
03/01/2012	16:56:51	8.45	86	0.0		
03/01/2012	16:58:31	8.46	86	0.0		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.7	N2	Mud	Maximum Rate 8.7		Total Slurry 605.0	Mud 0.0	Spacer 46.9	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3902	Final 86	Average 327	Bump Plug to 1000	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 320.0 bbl	Displacement 155.7 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 60.0 bbl	
					Washed Thru Perfs <input type="checkbox"/>		To ft	
Customer or Authorized Representative Garth Gramich			Schlumberger Supervisor Matt Fair/Z. Langsdorf			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-		-	



# Service Quality Evaluation

Client:	Encana
Field:	Story Gulch
Rig:	Patterson 306
Well:	SGU 8511B-22
Service Line:	Cementing
Job Type:	9 5/8 Surface

Service Order #:	
Date:	Mar/01/2012
Operating Time (hh:mm):	00:00
Client Rep:	Garth Gramich
Schlumberger Engineer:	Matt Fair/Z. Langsdorf
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: