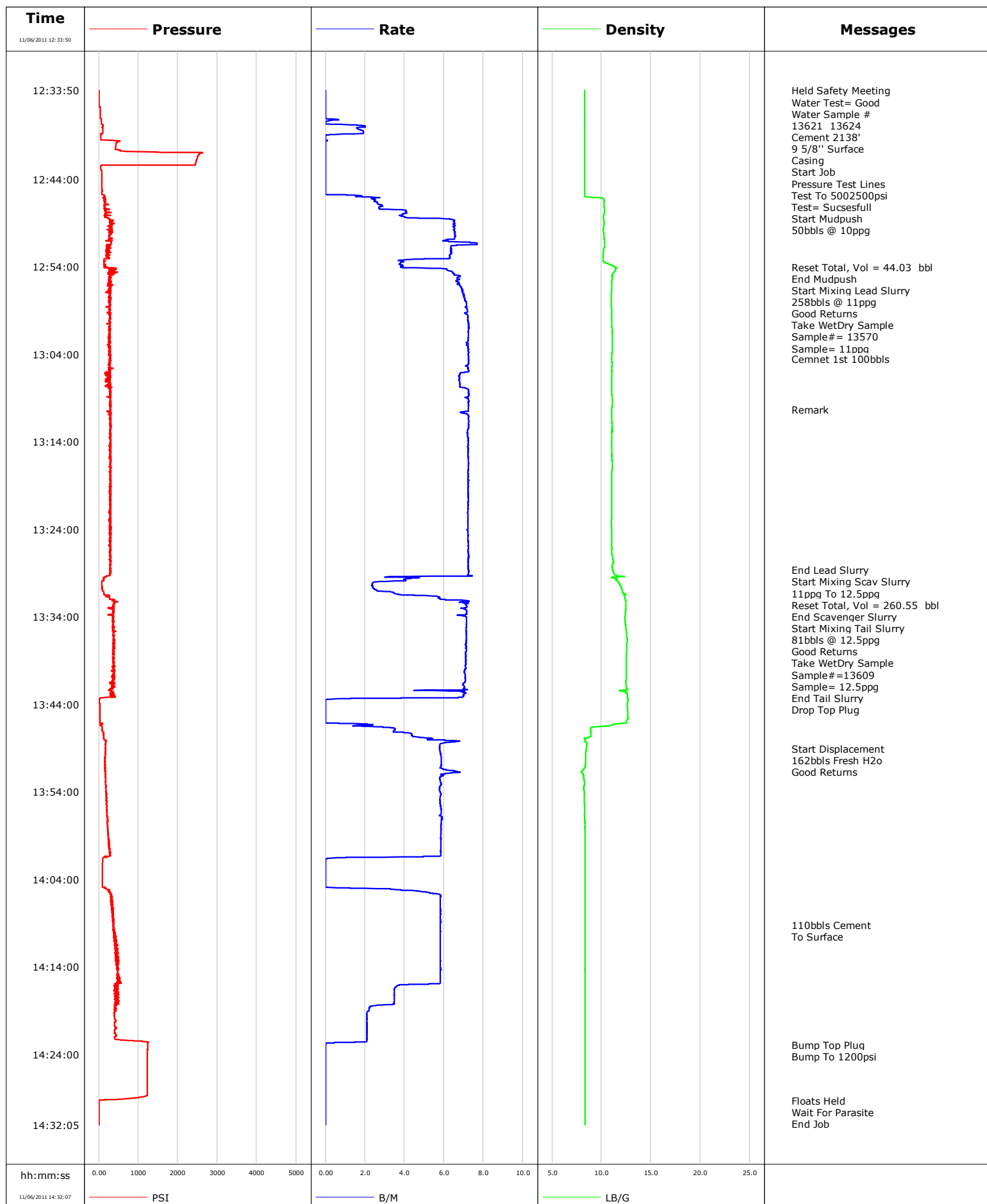


Well	SGU 8506E-22 N22	Client	ENCANA
Field	STORY GULCH	SIR No.	BQMF-00337
Engineer		Job Type	SURFACE
Country	United States	Job Date	11-06-2011

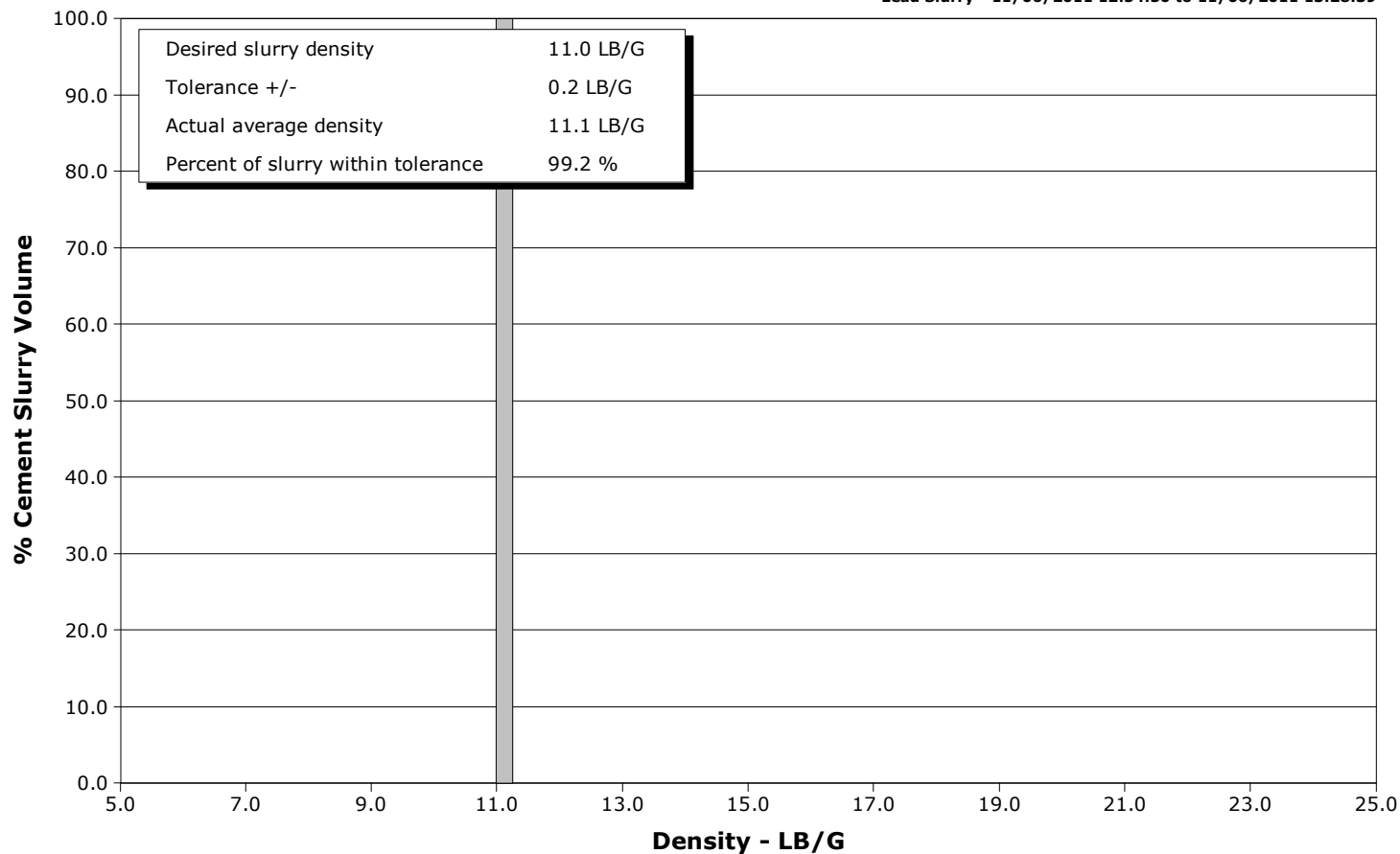


Schlumberger Cementing Qa/Qc Density Report

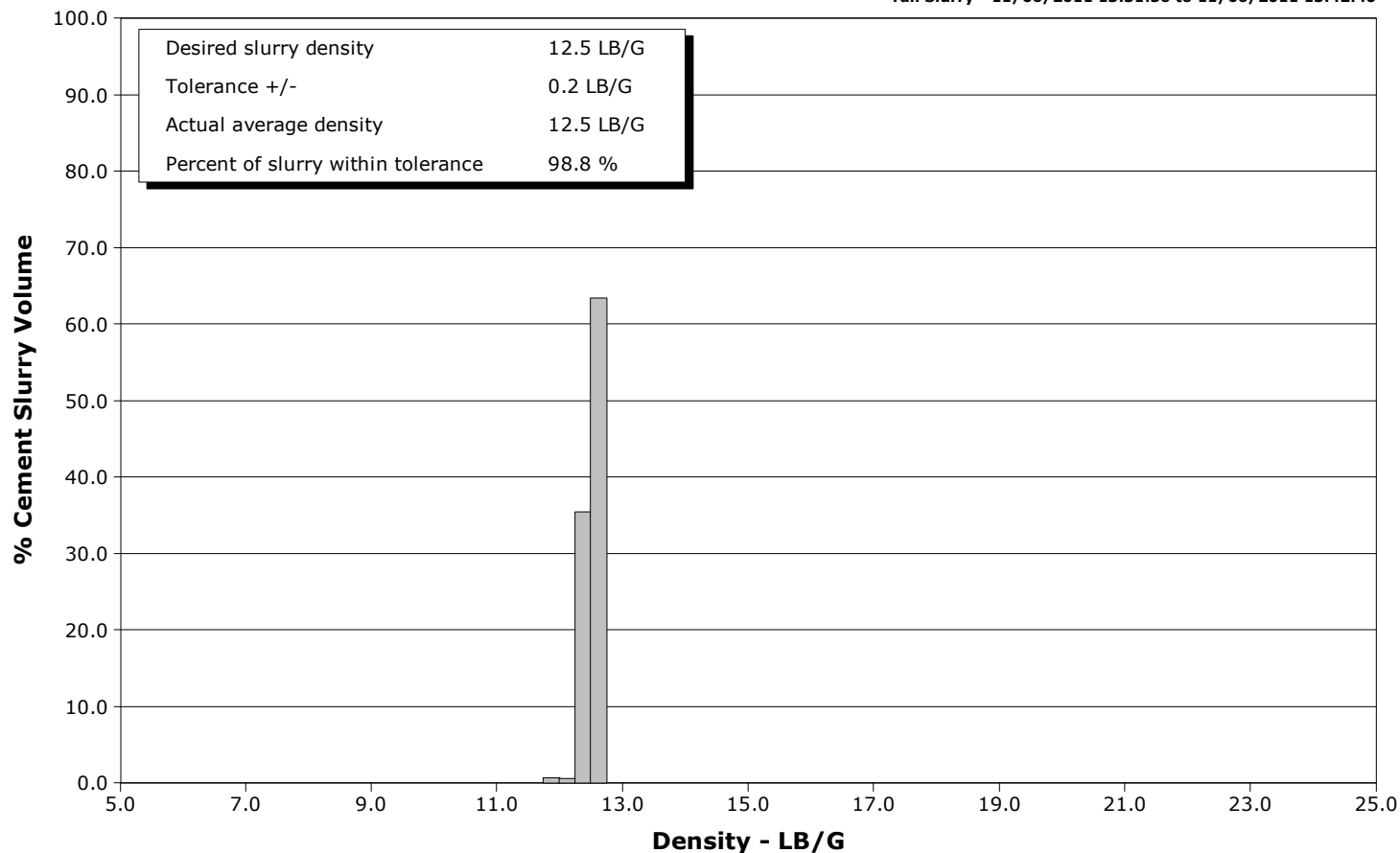
Well SGU 8506E-22N
Field STORY GULCH
Engineer
Country United States

Client ENCANA
SIR No. BQMF-00337
Job Type SURFACE
Job Date 11-06-2011

Lead Slurry - 11/06/2011 12:54:50 to 11/06/2011 13:28:39



Tail Slurry - 11/06/2011 13:31:56 to 11/06/2011 13:42:40





Cementing Service Report

				Customer ENCANA			Job Number BQMF-00337								
Well SGU 8506E-22N			Location (legal) N PARACHUTE			Schlumberger Location GCO			Job Start Nov/06/2011						
Field STORY GULCH		Formation Name/Type			Deviation		Bit Size		Well MD		Well TVD				
County GARFIELD		State/Province Colorado			BHP		BHST		BHCT		Pore Press. Gradient				
Well Master 0631277973		API/UWI													
Rig Name PATTERSON 306		Drilled For Gas		Service Via Land		Casing/Liner									
Offshore Zone		Well Class New		Well Type		Depth,		Size,		Weight,		Grade		Thread	
Drilling Fluid Type			Max. Density		Plastic Viscosity		Tubing/Drill Pipe								
Service Line Cementing		Job Type SURFACE				Depth,		Size,		Weight,		Grade		Thread	
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole									
Service Instructions 50bbbls MP @ 10ppg 505sks 11ppg litefill 2.87ft3/sk 150sks 12.5ppg litefill 1.81ft3/sk						Top,		Bottom,				No. of Shots		Total Interval	
						Treat Down Casing		Displacement 162.0 bbl		Packer Type		Packer Depth			
						Tubing Vol.		Casing Vol. 165.0 bbl		Annular Vol. 259.0 bbl		Openhole Vol. 425.0 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 1058 psi				Shoe Type Guide				Squeeze Type							
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2138.0 ft				Tool Type							
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth					
Cement Head Type				Stage Tool Depth				Tail Pipe Size							
Job Scheduled For Nov/06/2011		Arrived on Location Nov/06/2011		Leave Location Nov/06/2011		Collar Type Diff-Fill				Tail Pipe Depth					
						Collar Depth 2091.0 ft				Sqz. Total Vol.					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
11/06/2011	12:05:36					Started Acquisition									
11/06/2011	12:33:50					Held Safety Meeting									
11/06/2011	12:33:50					Water Test= Good									
11/06/2011	12:33:50					Water Sample #									
11/06/2011	12:33:50					13621 13624									
11/06/2011	12:33:50	3	0.0	8.33	0.0										
11/06/2011	12:33:51					Cement 2138'									
11/06/2011	12:33:51					9 5/8" Surface									
11/06/2011	12:33:51					Casing									
11/06/2011	12:33:51	3	0.0	8.33	0.0										
11/06/2011	12:33:53					Start Job									
11/06/2011	12:33:53	3	0.0	8.33	0.0										
11/06/2011	12:33:54					Pressure Test Lines									
11/06/2011	12:33:54	3	0.0	8.33	0.0										
11/06/2011	12:33:55					Test To 5002500psi									
11/06/2011	12:33:55	3	0.0	8.33	0.0										
11/06/2011	12:33:56					Test= Sucsesfull									
11/06/2011	12:33:56	3	0.0	8.33	0.0										
11/06/2011	12:35:36	3	0.0	8.33	0.0										
11/06/2011	12:37:36	64	0.0	8.33	0.1										
11/06/2011	12:39:36	391	0.1	8.33	2.1										

Well			Field		Job Start	Customer		Job Number
SGU 8506E-22N			STORY GULCH		Nov/06/2011	ENCANA		BQMF-00337
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/06/2011	12:43:36	78	0.0	8.33	2.1			
11/06/2011	12:45:36	82	0.0	8.33	2.1			
11/06/2011	12:45:42					Start Mudpush		
11/06/2011	12:45:42					50bbls @ 10ppg		
11/06/2011	12:45:42	82	0.0	8.33	2.1			
11/06/2011	12:47:36	178	4.1	10.33	6.8			
11/06/2011	12:49:36	275	6.5	10.22	17.6			
11/06/2011	12:51:36	189	6.5	10.32	30.9			
11/06/2011	12:53:36	126	3.8	10.50	42.4			
11/06/2011	12:54:01					Reset Total, Vol = 44.03 bbl		
11/06/2011	12:54:01	157	3.9	11.37	44.0			
11/06/2011	12:54:48					End Mudpush		
11/06/2011	12:54:48	407	6.5	11.16	48.6			
11/06/2011	12:54:50					Start Mixing Lead Slurry		
11/06/2011	12:54:50	331	6.5	11.13	48.8			
11/06/2011	12:54:52					258bbls @ 11ppg		
11/06/2011	12:54:52					Good Returns		
11/06/2011	12:54:52	230	6.5	11.12	49.0			
11/06/2011	12:54:53					Take WetDry Sample		
11/06/2011	12:54:53					Sample# = 13570		
11/06/2011	12:54:53					Sample= 11ppg		
11/06/2011	12:54:53	262	6.5	11.11	49.1			
11/06/2011	12:55:36	308	6.6	11.06	53.9			
11/06/2011	12:57:36	310	7.0	11.01	67.7			
11/06/2011	12:59:36	259	7.2	11.06	81.9			
11/06/2011	13:01:36	292	7.3	11.08	96.4			
11/06/2011	13:03:36	272	7.2	11.08	110.9			
11/06/2011	13:04:35					Cemnet 1st 100bbls		
11/06/2011	13:04:35	266	7.3	11.06	118.0			
11/06/2011	13:05:36	276	7.2	11.08	125.3			
11/06/2011	13:07:36	290	6.8	11.06	139.1			
11/06/2011	13:09:36	279	7.2	11.09	153.5			
11/06/2011	13:10:20					Remark		
11/06/2011	13:10:20	304	7.2	11.07	158.8			
11/06/2011	13:11:36	286	7.3	11.07	167.9			
11/06/2011	13:13:36	304	7.2	11.06	182.4			
11/06/2011	13:15:36	306	7.2	11.07	196.8			
11/06/2011	13:17:36	288	7.2	11.07	211.3			
11/06/2011	13:19:36	298	7.2	11.05	225.8			
11/06/2011	13:21:36	305	7.2	11.03	240.2			
11/06/2011	13:23:36	268	7.2	11.03	254.7			
11/06/2011	13:25:36	292	7.2	11.03	269.1			
11/06/2011	13:27:36	322	7.2	11.19	283.6			
11/06/2011	13:28:39					End Lead Slurry		
11/06/2011	13:28:39	278	7.2	11.12	291.2			
11/06/2011	13:28:44					Start Mixing Scav Slurry		
11/06/2011	13:28:44	304	7.3	11.14	291.8			
11/06/2011	13:28:45					11ppg To 12.5ppg		
11/06/2011	13:28:45	304	7.3	11.14	291.9			
11/06/2011	13:29:36	130	4.6	11.24	297.4			
11/06/2011	13:31:36	263	5.0	12.29	303.5			
11/06/2011	13:31:48					Reset Total, Vol = 260.55 bbl		
11/06/2011	13:31:48	274	5.8	12.36	304.6			
11/06/2011	13:31:54					End Scavenger Slurry		

Well			Field		Job Start		Customer		Job Number	
SGU 8506E-22N			STORY GULCH		Nov/06/2011		ENCANA		BQMF-00337	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/06/2011	13:31:56					Start Mixing Tail Slurry				
11/06/2011	13:31:56	272	5.8	12.40	305.3					
11/06/2011	13:31:57					81bbls @ 12.5ppg				
11/06/2011	13:31:57					Good Returns				
11/06/2011	13:31:57					Take WetDry Sample				
11/06/2011	13:31:57					Sample#=13609				
11/06/2011	13:31:57					Sample= 12.5ppg				
11/06/2011	13:31:57	272	5.8	12.40	305.4					
11/06/2011	13:33:36	382	7.1	12.42	317.0					
11/06/2011	13:35:36	353	7.1	12.52	331.2					
11/06/2011	13:37:36	376	7.1	12.57	345.5					
11/06/2011	13:39:36	357	7.1	12.51	359.7					
11/06/2011	13:41:36	330	7.0	12.49	373.8					
11/06/2011	13:42:40					End Tail Slurry				
11/06/2011	13:42:40	373	6.9	12.53	381.1					
11/06/2011	13:42:50					Drop Top Plug				
11/06/2011	13:42:50	322	7.0	12.59	382.3					
11/06/2011	13:43:36	14	0.0	12.68	385.8					
11/06/2011	13:45:36	29	0.0	12.70	385.8					
11/06/2011	13:47:36	124	4.4	8.95	390.3					
11/06/2011	13:49:05					Start Displacement				
11/06/2011	13:49:05	170	5.8	8.48	398.7					
11/06/2011	13:49:06					162bbls Fresh H2o				
11/06/2011	13:49:06					Good Returns				
11/06/2011	13:49:06	170	5.8	8.48	398.8					
11/06/2011	13:49:36	174	5.8	8.42	401.7					
11/06/2011	13:51:36	161	6.3	8.07	413.4					
11/06/2011	13:53:36	179	5.8	8.23	425.4					
11/06/2011	13:55:36	212	5.8	8.29	437.0					
11/06/2011	13:57:36	211	5.9	8.34	448.7					
11/06/2011	13:59:36	247	5.8	8.34	460.4					
11/06/2011	14:01:36	112	0.5	8.34	471.6					
11/06/2011	14:03:36	89	0.0	8.34	471.6					
11/06/2011	14:05:36	309	5.3	8.34	473.9					
11/06/2011	14:07:36	353	5.8	8.34	485.5					
11/06/2011	14:09:14					110bbls Cement				
11/06/2011	14:09:14	380	5.8	8.34	495.0					
11/06/2011	14:09:22					To Surface				
11/06/2011	14:09:22	376	5.8	8.34	495.8					
11/06/2011	14:09:36	380	5.8	8.34	497.2					
11/06/2011	14:11:36	481	5.8	8.34	508.8					
11/06/2011	14:13:36	453	5.8	8.34	520.5					
11/06/2011	14:15:36	507	5.8	8.34	532.1					
11/06/2011	14:17:36	480	3.5	8.34	540.2					
11/06/2011	14:19:36	396	2.1	8.34	545.6					
11/06/2011	14:21:36	405	2.1	8.34	549.8					
11/06/2011	14:22:54					Bump Top Plug				
11/06/2011	14:22:54	1242	0.0	8.34	552.1					
11/06/2011	14:22:55					Bump To 1200psi				
11/06/2011	14:22:55	1242	0.0	8.34	552.1					
11/06/2011	14:23:36	1238	0.0	8.34	552.1					
11/06/2011	14:25:36	1235	0.0	8.34	552.1					
11/06/2011	14:27:36	1237	0.0	8.35	552.1					
11/06/2011	14:29:19					Floats Held				

Well SGU 8506E-22N			Field STORY GULCH		Job Start Nov/06/2011	Customer ENCANA		Job Number BQMF-00337	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/06/2011	14:29:31					Wait For Parasite			
11/06/2011	14:29:31	1	0.0	8.35	552.1				
11/06/2011	14:29:36	1	0.0	8.35	552.1				
11/06/2011	14:31:36	2	0.0	8.35	552.1				

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected,			
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2
Treating Pressure Summary,					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume		Displacement	Mix Water Temp	Cement Circulated to Surface?		Volume
					69 degF	Washed Thru Perfs		To
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed
MIKE QUINTANA			CRICK/ LANGSDORF			-		-



Service Quality Evaluation

Client:	ENCANA
Field:	STORY GULCH
Rig:	PATTERSON 306
Well:	SGU 8506E-22N
Service Line:	Cementing
Job Type:	SURFACE

Service Order #:	
Date:	Nov/06/2011
Operating Time:	0.0
Client Rep:	ENCANA
Schlumberger Engineer:	CRICK/ 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 type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1c	Free of RIRs	5	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
1d	Wellsite left clean	4	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

2	Design / Preparation						
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

3	Execution						
3a	Lost time < 30 mins	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3b	Equipment pressure tested succesfully	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested succesfully	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3h	Job pumped per design	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

4	Evaluation						
4a	Main job objective achieved with no consequential non-productive time	10	yes	<input type="checkbox"/>	no	<input checked="" type="checkbox"/>	0
Sub-total							0%

Total 0%

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

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: