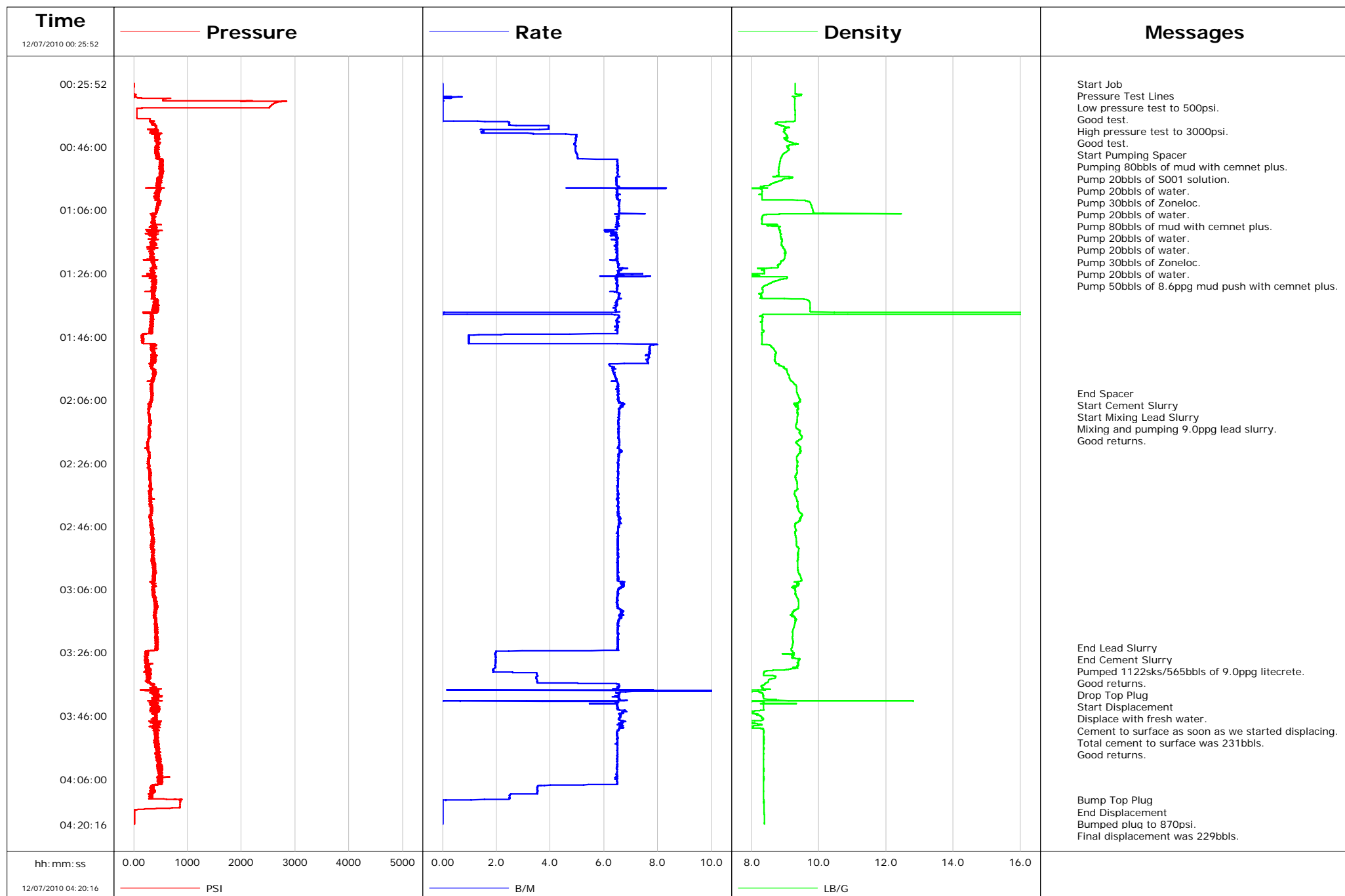
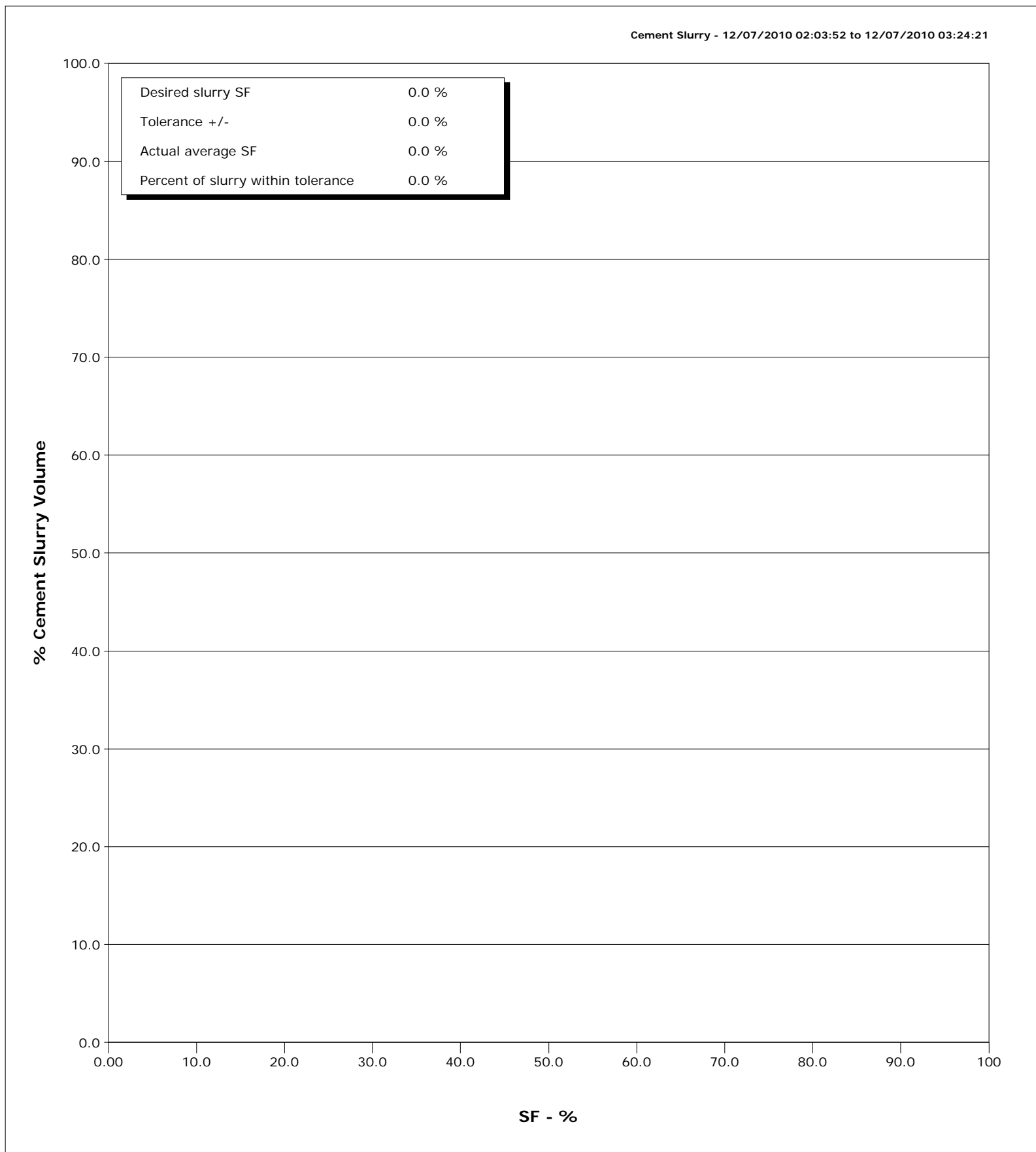


Well SGU 8507C-36 B36 496
Field STORY GULCH
Engineer JEFF PATTERSON
Country United States

Client ENCAN
SIR No. B708-00200
Job Type 9 5/8" SURFACE
Job Date 12-06-2010



Well	SGU 8507C-36 B36 496	Client	ENCANA
Field	STORY GULCH	SIR No.	B708-00200
Engineer	JEFF PATTERSON	Job Type	9 5/8" SURFACE
Country	United States	Job Date	12-06-2010



Cementing Service Report

				Customer ENCANA				Job Number B708-00200										
Well SGU 8507C-36 B36 496 SGU 8507C-36 B36 496				Location (legal) B-36				Schlumberger Location GRAND JUNCTION, COLORADO				Job Start Dec/06/2010						
Field STORY GULCH			Formation Name/Type SHALE			Deviation 20 deg		Bit Size 14.8 in		Well MD 3039.0 ft		Well TVD 3039.0 ft						
County GARFIELD			State/Province Colorado			BHP psi		BHST 115 degF		BHCT 95 degF		Pore Press. Gradient lb/gal						
Well Master 0631227416			API/UWI															
Rig Name PATTERSON 308		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		3039.0		9.6		36.0		J55		8RD				
						0.0		0.0		0.0								
Drilling Fluid Type			Max. Density 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 2500 psi		Max. Allowed Ann. Press psi		WH Connection 9 5/8" 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 231.5 bbl		Packer Type		Packer Depth ft								
				Tubing Vol. bbl		Casing Vol. 234.9 bbl		Annular Vol. 386.0 bbl		Openhole Vol. 638.0 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 1504 psi				Shoe Type Guide				Squeeze Type										
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3039.0 ft				Tool Type										
No. Centralizers		Top Plugs 1		Bottom Plugs		Stage Tool Type				Tool Depth ft								
Cement Head Type Single				Stage Tool Depth ft				Tail Pipe Size in										
Job Scheduled For Dec/06/2010		Arrived on Location Dec/06/2010		Leave Location Dec/06/2010		Collar Type Float				Tail Pipe Depth ft								
						Collar Depth 2995.0 ft				Sqz. Total Vol. bbl								
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
12/07/2010	00:25:52	-1	0.0	9.30	0.0	Started Acquisition												
12/07/2010	00:25:54	-0	0.0	9.30	0.0	Pressure Test Lines												
12/07/2010	00:25:55	-0	0.0	9.30	0.0	Low pressure test to 500psi.												
12/07/2010	00:25:56	-0	0.0	9.30	0.0	Good test.												
12/07/2010	00:25:57	-0	0.0	9.30	0.0	Start Pumping Spacer												
12/07/2010	00:25:58	0	0.0	9.30	0.0	Pumping 80bbls of mud with cemnet plus.												
12/07/2010	00:25:59	0	0.0	9.30	0.0	Pump 20bbls of S001 solution.												
12/07/2010	00:27:32	-2	0.0	9.31	0.0													
12/07/2010	00:29:12	-4	0.0	9.35	0.0													
12/07/2010	00:30:52	561	0.0	9.29	0.2													
12/07/2010	00:32:32	2583	0.0	9.29	0.2													
12/07/2010	00:34:12	61	0.0	9.29	0.2													
12/07/2010	00:35:52	58	0.0	9.30	0.2													
12/07/2010	00:37:32	297	0.0	9.30	0.2													
12/07/2010	00:39:12	394	2.7	8.89	3.3													
12/07/2010	00:40:52	313	1.5	9.00	8.9													
12/07/2010	00:42:32	472	5.0	9.06	13.9													
12/07/2010	00:44:12	393	5.0	9.09	22.2													
12/07/2010	00:45:52	453	5.0	9.09	30.4													
12/07/2010	00:47:32	414	5.0	9.05	38.7													
12/07/2010	00:47:56	389	5.0	8.99	40.6	Pump 20bbls of water.												

Well			Field	Job Start		Customer	Job Number
SGU 8507C-36 B36 496 SGU 8507C-36 B36 496			STORY GULCH	Dec/06/2010		ENCANA	B708-00200
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/07/2010	00:49:12	422	5.0	8.90	47.0		
12/07/2010	00:50:52	484	6.5	8.85	56.8		
12/07/2010	00:52:32	522	6.5	8.82	67.6		
12/07/2010	00:54:12	525	6.5	8.81	78.5		
12/07/2010	00:55:52	517	6.4	9.21	89.3		
12/07/2010	00:57:32	456	6.5	8.64	100.1		
12/07/2010	00:59:12	460	6.7	8.13	111.0		
12/07/2010	01:00:52	432	6.5	8.31	121.8		
12/07/2010	01:02:32	443	6.5	8.32	132.6		
12/07/2010	01:04:12	467	6.5	9.77	143.6		
12/07/2010	01:05:52	408	6.6	9.82	154.5		
12/07/2010	01:07:32	373	6.5	8.40	165.5		
12/07/2010	01:09:12	378	6.5	8.32	176.3		
12/07/2010	01:10:52	357	6.5	8.53	187.2		
12/07/2010	01:12:32	341	6.3	8.86	197.9		
12/07/2010	01:14:12	376	6.5	8.86	208.5		
12/07/2010	01:15:52	389	6.5	8.92	219.3		
12/07/2010	01:17:32	319	6.5	8.92	230.1		
12/07/2010	01:19:12	362	6.5	9.02	240.9		
12/07/2010	01:20:52	346	6.5	8.99	251.7		
12/07/2010	01:22:32	356	6.5	8.88	262.5		
12/07/2010	01:24:12	367	6.5	8.78	273.4		
12/07/2010	01:25:52	378	6.5	8.39	284.4		
12/07/2010	01:27:32	356	6.5	9.06	295.4		
12/07/2010	01:29:12	405	6.5	8.55	306.2		
12/07/2010	01:30:52	389	6.5	8.32	317.0		
12/07/2010	01:32:32	338	6.5	8.26	327.8		
12/07/2010	01:34:12	377	6.5	9.55	338.7		
12/07/2010	01:35:52	446	6.5	9.75	349.5		
12/07/2010	01:37:32	384	6.4	9.75	360.2		
12/07/2010	01:39:12	330	6.5	8.33	366.8		
12/07/2010	01:40:52	336	6.5	8.32	377.7		
12/07/2010	01:42:32	315	6.5	8.32	388.5		
12/07/2010	01:44:12	340	6.5	8.38	399.3		
12/07/2010	01:45:52	174	1.0	8.32	407.0		
12/07/2010	01:47:32	147	1.0	8.31	408.6		
12/07/2010	01:49:12	351	7.7	8.59	416.5		
12/07/2010	01:50:52	358	7.7	8.73	429.3		
12/07/2010	01:52:32	384	7.7	8.71	442.1		
12/07/2010	01:54:12	336	7.6	8.73	454.8		
12/07/2010	01:55:52	328	6.3	8.96	465.7		
12/07/2010	01:57:32	405	6.4	9.07	476.3		
12/07/2010	01:59:12	377	6.4	9.14	487.0		
12/07/2010	02:00:52	346	6.5	9.27	497.8		
12/07/2010	02:02:32	305	6.5	9.34	508.6		
12/07/2010	02:03:52	356	6.5	9.36	517.3	End Spacer	
12/07/2010	02:03:56	326	6.5	9.36	517.7	Start Mixing Lead Slurry	
12/07/2010	02:03:58	347	6.5	9.36	518.0	Mixing and pumping 9.0ppg lead slurry.	
12/07/2010	02:04:12	345	6.6	9.36	519.5		
12/07/2010	02:05:52	333	6.5	9.44	530.3		
12/07/2010	02:07:32	288	6.7	9.33	541.3		
12/07/2010	02:09:12	292	6.6	9.37	552.4		
12/07/2010	02:10:52	285	6.6	9.38	563.3		
12/07/2010	02:12:32	299	6.5	9.36	574.2		

Well SGU 8507C-36 B36 496 SGU 8507C-36 B36 496			Field STORY GULCH		Job Start Dec/06/2010	Customer ENCANA	Job Number B708-00200
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/07/2010	02:15:52	304	6.5	9.44	596.0		
12/07/2010	02:17:32	309	6.5	9.50	606.9		
12/07/2010	02:19:12	260	6.6	9.36	617.8		
12/07/2010	02:20:52	257	6.5	9.45	628.7		
12/07/2010	02:22:32	284	6.6	9.46	639.7		
12/07/2010	02:24:12	279	6.6	9.35	650.6		
12/07/2010	02:25:52	278	6.5	9.36	661.5		
12/07/2010	02:27:32	277	6.5	9.35	672.4		
12/07/2010	02:29:12	286	6.5	9.36	683.2		
12/07/2010	02:30:52	315	6.5	9.31	694.1		
12/07/2010	02:32:32	304	6.5	9.37	705.0		
12/07/2010	02:34:12	343	6.5	9.37	715.8		
12/07/2010	02:35:52	311	6.5	9.28	726.7		
12/07/2010	02:37:32	295	6.5	9.35	737.5		
12/07/2010	02:39:12	320	6.5	9.38	748.4		
12/07/2010	02:40:52	345	6.5	9.40	759.2		
12/07/2010	02:42:32	317	6.5	9.52	770.1		
12/07/2010	02:44:12	336	6.6	9.44	781.1		
12/07/2010	02:45:52	315	6.5	9.29	792.0		
12/07/2010	02:47:32	361	6.5	9.33	802.9		
12/07/2010	02:49:12	351	6.5	9.32	813.7		
12/07/2010	02:50:52	356	6.5	9.34	824.6		
12/07/2010	02:52:32	349	6.5	9.38	835.4		
12/07/2010	02:54:12	358	6.5	9.39	846.3		
12/07/2010	02:55:52	334	6.5	9.39	857.2		
12/07/2010	02:57:32	356	6.5	9.38	868.0		
12/07/2010	02:59:12	390	6.5	9.38	878.8		
12/07/2010	03:00:52	366	6.5	9.41	889.7		
12/07/2010	03:02:32	387	6.5	9.48	900.5		
12/07/2010	03:04:12	336	6.6	9.38	911.5		
12/07/2010	03:05:52	374	6.6	9.29	922.6		
12/07/2010	03:07:32	362	6.5	9.31	933.5		
12/07/2010	03:09:12	400	6.5	9.39	944.3		
12/07/2010	03:10:52	389	6.5	9.41	955.1		
12/07/2010	03:12:32	413	6.7	9.30	966.0		
12/07/2010	03:14:12	375	6.7	9.21	977.1		
12/07/2010	03:15:52	409	6.5	9.31	988.1		
12/07/2010	03:17:32	388	6.5	9.28	998.9		
12/07/2010	03:19:12	400	6.5	9.23	1009.8		
12/07/2010	03:20:52	435	6.5	9.23	1020.7		
12/07/2010	03:22:32	445	6.5	9.24	1031.5		
12/07/2010	03:24:12	442	6.5	9.21	1042.4		
12/07/2010	03:24:20	438	6.5	9.21	1043.2	End Lead Slurry	
12/07/2010	03:24:21	438	6.5	9.21	1043.3	End Cement Slurry	
12/07/2010	03:24:23	437	6.5	9.21	1043.5	Pumped 1122sks/565bbls of 9.0ppg litecrete.	
12/07/2010	03:24:26	450	6.5	9.20	1043.9	Drop Top Plug	
12/07/2010	03:24:27	450	6.5	9.20	1044.0	Start Displacement	
12/07/2010	03:25:52	226	2.0	9.23	1051.5		
12/07/2010	03:27:32	226	2.0	9.24	1054.7		
12/07/2010	03:29:12	205	2.0	9.39	1058.0		
12/07/2010	03:30:52	242	2.0	9.36	1061.3		
12/07/2010	03:32:32	280	3.5	8.37	1064.8		
12/07/2010	03:34:12	319	3.5	8.69	1070.7		
12/07/2010	03:35:52	336	6.5	8.41	1077.0		

Well			Field		Job Start		Customer		Job Number	
SGU 8507C-36 B36 496 SGU 8507C-36 B36 496			STORY GULCH		Dec/06/2010		ENCANA		B708-00200	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/07/2010	03:36:59	386	6.5	8.30	1084.3	Good returns.				
12/07/2010	03:37:32	364	6.3	8.34	1087.8					
12/07/2010	03:39:12	348	6.6	8.35	1099.9					
12/07/2010	03:40:52	434	6.5	8.74	1110.8					
12/07/2010	03:42:32	340	6.5	8.37	1120.7					
12/07/2010	03:44:12	356	6.6	8.38	1131.6					
12/07/2010	03:45:52	425	6.6	8.22	1142.7					
12/07/2010	03:47:32	389	6.7	8.22	1153.7					
12/07/2010	03:49:12	402	6.7	8.07	1164.8					
12/07/2010	03:50:52	395	6.5	8.37	1175.8					
12/07/2010	03:52:32	450	6.5	8.37	1186.6					
12/07/2010	03:54:12	438	6.5	8.37	1197.5					
12/07/2010	03:55:52	477	6.5	8.37	1208.3					
12/07/2010	03:57:32	455	6.5	8.37	1219.1					
12/07/2010	03:59:12	426	6.5	8.37	1229.9					
12/07/2010	04:00:52	471	6.5	8.37	1240.7					
12/07/2010	04:02:32	530	6.5	8.37	1251.6					
12/07/2010	04:04:12	474	6.5	8.37	1262.4					
12/07/2010	04:05:52	529	6.5	8.37	1273.2					
12/07/2010	04:07:32	479	6.5	8.37	1284.0					
12/07/2010	04:09:12	346	3.5	8.37	1291.1					
12/07/2010	04:10:52	290	2.5	8.37	1296.8					
12/07/2010	04:12:32	780	2.2	8.37	1301.0					
12/07/2010	04:12:38	888	0.6	8.37	1301.1	Bump Top Plug				
12/07/2010	04:12:39	842	0.3	8.37	1301.1	End Displacement				
12/07/2010	04:12:42	863	0.0	8.37	1301.2	Bumped plug to 870psi.				
12/07/2010	04:12:43	876	0.0	8.37	1301.2	Good returns for all of cement.				
12/07/2010	04:12:44	874	0.0	8.37	1301.2	Floats held.				
12/07/2010	04:12:47	875	0.0	8.37	1301.2	Remark				
12/07/2010	04:12:48	872	0.0	8.37	1301.2	Remark				
12/07/2010	04:14:12	858	0.0	8.37	1301.2					
12/07/2010	04:15:52	16	0.0	8.37	1301.2					
12/07/2010	04:17:32	12	0.0	8.39	1301.2					
12/07/2010	04:19:12	12	0.0	8.39	1301.2					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 6.1	N2	Mud	Maximum Rate 11.2		Total Slurry 565.0	Mud 0.0	Spacer 517.3	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 2840	Final 870	Average 379	Bump Plug to 870	Breakdown	Type		Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 229.0 bbl	Mix Water Temp 70 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 231.0 bbl	
Customer or Authorized Representative IRA COX					Schlumberger Supervisor JEFF PATTERSON		Washed Thru Perfs <input type="checkbox"/>		To ft
							Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
							-		-