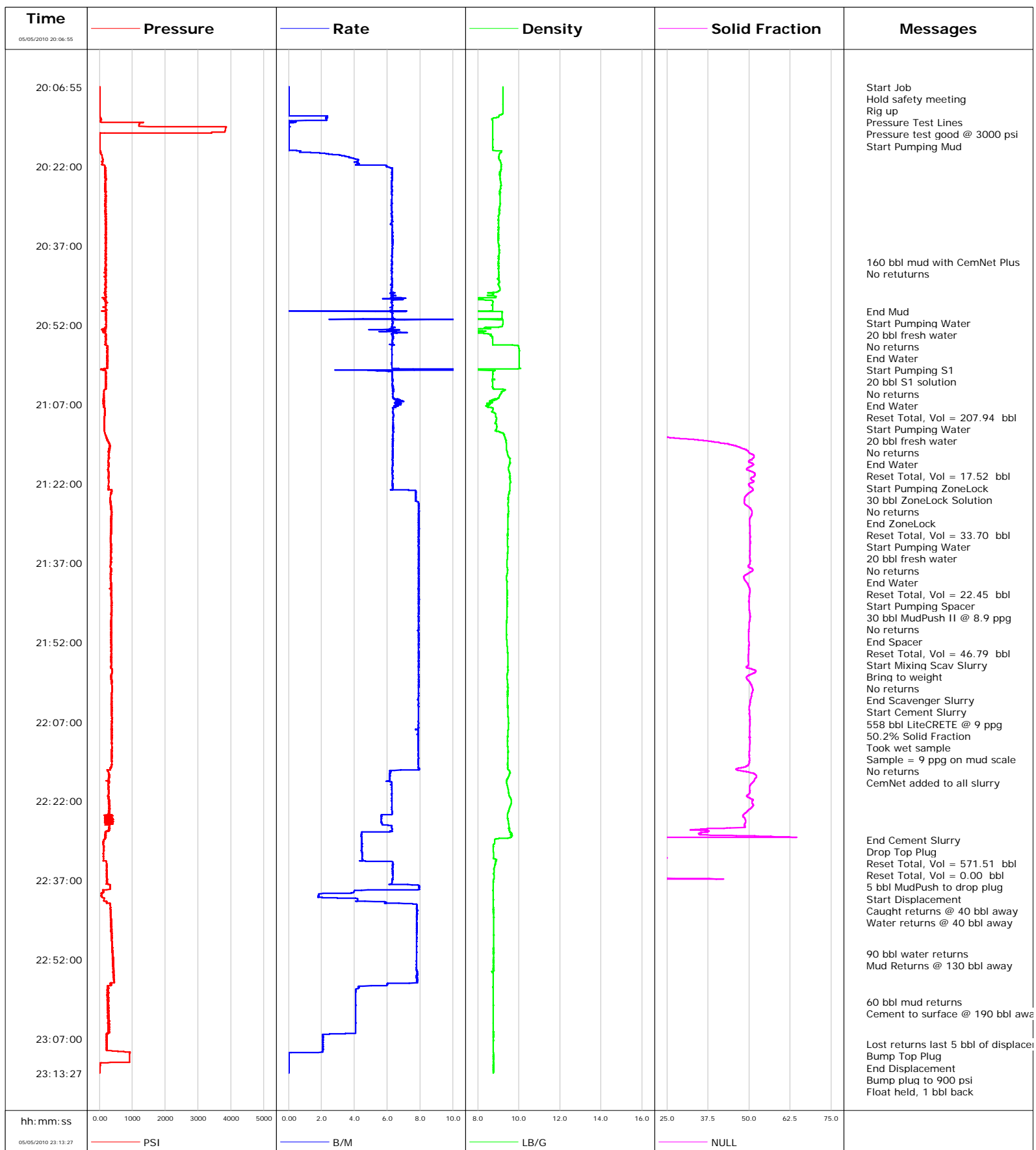


**Well** SGU 8406B-25 F35 496  
**Field** Story Gulch  
**Engineer** Dave Wanczyk  
**Country** United States

**Client** Encana  
**SIR No.** B2IJ-00147  
**Job Type** 9 5/8" Surface Casing  
**Job Date** 05-05-2010





# Cementing Service Report

					Customer Encana		Job Number B2IJ-00147	
Well SGU 8406B-25 F35 496			Location (legal) 0631178660		Schlumberger Location Grand Junction, CO		Job Start May/05/2010	
Field Story Gulch		Formation Name/Type Shale		Deviation	Bit Size	Well MD 3025.0 ft		Well TVD 3025.0 ft
County Garfield		State/Province Colorado		BHP	BHST 115 degF	BHCT 95 degF	Pore Press. Gradient	
Well Master 0631178660		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	20.000	94.0	J55	8RD	
			3025.0	9.630	36.0	J55	8RD	
Drilling Fluid Type Bentonite		Max. Density 8.80 lb/gal	Plastic Viscosity 13.000 cP	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing	Job Type 9 5/8" Surface Casing							
Max. Allowed Tub. Press 3520 psi	Max. Allowed Ann. Press 2030 psi	WH Connection Single Cement head	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
							Diameter	
			Treat Down Casing	Displacement 230.0 bbl	Packer Type	Packer Depth		
			Tubing Vol.	Casing Vol. 235.9 bbl	Annular Vol. 384.0 bbl	Openhole Vol. 678.0 bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>	1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools			Squeeze Job		
Lift Pressure 1497 psi			Shoe Type Guide	Squeeze Type				
Pipe Rotated <input type="checkbox"/>	Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 3025.0 ft	Tool Type				
No. Centralizers	Top Plugs 1	Bottom Plugs 0	Stage Tool Type	Tool Depth				
Cement Head Type Single			Stage Tool Depth	Tail Pipe Size				
Job Scheduled For May/05/2010	Arrived on Location May/05/2010	Leave Location May/05/2010	Collar Type Diff-Fill	Tail Pipe Depth				
			Collar Depth 2980.0 ft	Sqz. Total Vol.				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Solid Fraction NULL	Volume BBL	Message	
05/05/2010	19:21:51						Started Acquisition	
05/05/2010	20:06:55	3	0.0	9.22	0	0.0		
05/05/2010	20:06:58						Start Job	
05/05/2010	20:06:58	3	0.0	9.22	0	0.0		
05/05/2010	20:06:59						Hold safety meeting	
05/05/2010	20:06:59						Rig up	
05/05/2010	20:06:59	3	0.0	9.22	0	0.0		
05/05/2010	20:07:00						Pressure Test Lines	
05/05/2010	20:07:00	3	0.0	9.22	0	0.0		
05/05/2010	20:07:01						Pressure test good @ 3000 psi	
05/05/2010	20:07:01	3	0.0	9.22	0	0.0		
05/05/2010	20:07:04						Start Pumping Mud	
05/05/2010	20:07:04	3	0.0	9.22	0	0.0		
05/05/2010	20:08:31	4	0.0	9.22	0	0.0		
05/05/2010	20:10:11	4	0.0	9.22	0	0.0		
05/05/2010	20:11:51	4	0.0	9.22	0	0.0		
05/05/2010	20:13:31	15	0.0	8.73	0	2.0		
05/05/2010	20:15:11	3822	0.0	8.74	0	2.1		
05/05/2010	20:16:51	7	0.0	8.74	0	2.1		
05/05/2010	20:18:31	7	0.0	8.74	0	2.1		
05/05/2010	20:20:11	83	3.7	9.02	0	4.7		

Well			Field		Job Start	Customer	Job Number
SGU 8406B-25 F35 496			Story Gulch		May/05/2010	Encana	B2IJ-00147
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Solid Fraction NULL	Volume BBL	Message
05/05/2010	20:23:31	187	6.3	9.08	0	22.1	
05/05/2010	20:25:11	158	6.3	9.13	0	32.6	
05/05/2010	20:26:51	189	6.3	9.08	0	43.0	
05/05/2010	20:28:31	190	6.3	9.09	0	53.5	
05/05/2010	20:30:11	200	6.3	9.05	0	63.9	
05/05/2010	20:31:51	195	6.3	9.01	0	74.4	
05/05/2010	20:33:31	203	6.3	9.00	0	84.9	
05/05/2010	20:35:11	197	6.3	9.00	0	95.4	
05/05/2010	20:36:51	196	6.3	9.03	0	105.9	
05/05/2010	20:38:31	187	6.3	9.04	0	116.4	
05/05/2010	20:40:03						160 bbl mud with CemNet Plus
05/05/2010	20:40:03	193	6.3	9.01	0	126.0	
05/05/2010	20:40:04						No retuturns
05/05/2010	20:40:04	185	6.3	9.01	0	126.1	
05/05/2010	20:40:11	183	6.3	9.01	0	126.9	
05/05/2010	20:41:51	190	6.3	9.02	0	137.3	
05/05/2010	20:43:31	192	6.3	9.03	0	147.8	
05/05/2010	20:45:11	171	6.3	9.09	0	158.3	
05/05/2010	20:46:51	78	6.8	8.07	0	168.8	
05/05/2010	20:48:31	192	6.3	8.73	0	179.4	
05/05/2010	20:49:20						End Mud
05/05/2010	20:49:20	62	7.2	7.33	0	184.5	
05/05/2010	20:49:23						Start Pumping Water
05/05/2010	20:49:23	126	0.0	4.42	0	184.8	
05/05/2010	20:49:25						20 bbl fresh water
05/05/2010	20:49:25						No returns
05/05/2010	20:49:25	168	7.2	7.92	0	184.9	
05/05/2010	20:49:27						End Water
05/05/2010	20:49:27	177	6.9	8.72	0	185.2	
05/05/2010	20:49:29						Start Pumping S1
05/05/2010	20:49:29	183	6.3	9.18	0	185.4	
05/05/2010	20:49:33						20 bbl S1 solution
05/05/2010	20:49:33	209	6.2	9.21	0	185.8	
05/05/2010	20:49:34						No returns
05/05/2010	20:49:34	209	6.2	9.21	0	185.9	
05/05/2010	20:50:11	197	6.3	9.18	0	189.8	
05/05/2010	20:51:51	202	6.3	9.23	0	201.1	
05/05/2010	20:52:54						End Water
05/05/2010	20:52:54	76	6.7	6.28	0	207.6	
05/05/2010	20:52:57						Reset Total, Vol = 207.94 bbl
05/05/2010	20:52:57	113	6.0	6.64	0	207.9	
05/05/2010	20:53:00						Start Pumping Water
05/05/2010	20:53:00	130	6.4	7.46	0	208.3	
05/05/2010	20:53:01						20 bbl fresh water
05/05/2010	20:53:01						No returns
05/05/2010	20:53:01	173	6.2	7.68	0	208.4	
05/05/2010	20:53:31	183	6.5	8.06	0	211.6	
05/05/2010	20:55:11	174	6.3	8.73	0	222.1	
05/05/2010	20:55:40						End Water
05/05/2010	20:55:40	186	6.3	8.73	0	225.1	
05/05/2010	20:55:43						Reset Total, Vol = 17.52 bbl
05/05/2010	20:55:43	188	6.3	8.74	0	225.5	
05/05/2010	20:55:46						Start Pumping ZoneLock
05/05/2010	20:55:46	186	6.4	9.49	0	225.8	

Well			Field		Job Start	Customer	Job Number
SGU 8406B-25 F35 496			Story Gulch		May/05/2010	Encana	B2IJ-00147
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Solid Fraction NULL	Volume BBL	Message
05/05/2010	20:55:59						No returns
05/05/2010	20:55:59	242	6.3	9.98	0	227.1	
05/05/2010	20:56:51	239	6.3	10.01	0	232.6	
05/05/2010	20:58:31	245	6.3	10.02	0	243.1	
05/05/2010	21:00:11	237	6.3	10.02	0	253.5	
05/05/2010	21:00:30						End ZoneLock
05/05/2010	21:00:30	100	14.4	6.46	0	259.0	
05/05/2010	21:00:31						Reset Total, Vol = 33.70 bbl
05/05/2010	21:00:31	153	7.6	6.46	0	259.2	
05/05/2010	21:00:35						Start Pumping Water
05/05/2010	21:00:35	174	4.8	8.84	0	259.6	
05/05/2010	21:00:57						20 bbl fresh water
05/05/2010	21:00:57						No returns
05/05/2010	21:00:57	196	6.3	8.74	0	261.7	
05/05/2010	21:01:51	187	6.3	8.73	0	267.4	
05/05/2010	21:03:31	206	6.3	8.73	0	277.9	
05/05/2010	21:04:05						End Water
05/05/2010	21:04:05	196	6.3	8.77	0	281.5	
05/05/2010	21:04:06						Reset Total, Vol = 22.45 bbl
05/05/2010	21:04:06	196	6.3	8.86	0	281.6	
05/05/2010	21:04:09						Start Pumping Spacer
05/05/2010	21:04:09	165	6.4	9.23	0	281.9	
05/05/2010	21:05:11	142	6.3	9.10	11	288.5	
05/05/2010	21:06:00						30 bbl MudPush II @ 8.9 ppg
05/05/2010	21:06:00						No returns
05/05/2010	21:06:00	142	6.6	8.82	12	293.7	
05/05/2010	21:06:51	131	6.6	8.56	6	299.3	
05/05/2010	21:08:31	163	6.3	8.79	5	310.1	
05/05/2010	21:10:11	151	6.3	8.90	2	320.7	
05/05/2010	21:11:22						End Spacer
05/05/2010	21:11:22	148	6.4	8.93	4	328.2	
05/05/2010	21:11:24						Reset Total, Vol = 46.79 bbl
05/05/2010	21:11:24	148	6.4	8.92	4	328.4	
05/05/2010	21:11:27						Start Mixing Scav Slurry
05/05/2010	21:11:27	146	6.4	8.93	4	328.7	
05/05/2010	21:11:51	155	6.3	8.88	2	331.2	
05/05/2010	21:12:23						Bring to weight
05/05/2010	21:12:23	156	6.4	9.17	9	334.6	
05/05/2010	21:12:24						No returns
05/05/2010	21:12:24	156	6.4	9.19	10	334.7	
05/05/2010	21:13:31	234	6.3	9.34	30	341.8	
05/05/2010	21:15:11	308	6.3	9.40	47	352.4	
05/05/2010	21:15:55						End Scavenger Slurry
05/05/2010	21:15:55	267	6.3	9.42	50	357.0	
05/05/2010	21:15:56						Start Cement Slurry
05/05/2010	21:15:56	289	6.3	9.42	50	357.1	
05/05/2010	21:16:51	282	6.3	9.49	51	362.9	
05/05/2010	21:18:31	280	6.3	9.54	51	373.4	
05/05/2010	21:20:11	295	6.3	9.56	52	384.0	
05/05/2010	21:21:51	296	6.3	9.59	50	394.5	
05/05/2010	21:23:31	360	7.7	9.54	51	405.4	
05/05/2010	21:25:11	331	7.7	9.48	49	418.3	
05/05/2010	21:26:51	368	7.9	9.48	51	431.5	
05/05/2010	21:28:31	357	7.9	9.47	50	444.7	

Well			Field		Job Start	Customer	Job Number
SGU 8406B-25 F35 496			Story Gulch		May/05/2010	Encana	B2IJ-00147
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Solid Fraction NULL	Volume BBL	Message
05/05/2010	21:29:33						50.2% Solid Fraction
05/05/2010	21:29:33						Took wet sample
05/05/2010	21:29:33	362	7.9	9.47	50	452.8	
05/05/2010	21:29:34						Sample = 9 ppg on mud scale
05/05/2010	21:29:34	362	7.9	9.47	50	453.0	
05/05/2010	21:29:47						No returns
05/05/2010	21:29:47	354	7.9	9.47	50	454.7	
05/05/2010	21:30:11	362	7.9	9.47	50	457.8	
05/05/2010	21:31:13						CemNet added to all slurry
05/05/2010	21:31:13	356	7.9	9.46	50	466.0	
05/05/2010	21:31:51	340	7.9	9.46	50	471.0	
05/05/2010	21:33:31	352	7.9	9.45	50	484.2	
05/05/2010	21:35:11	346	7.9	9.46	50	497.4	
05/05/2010	21:36:51	350	7.9	9.42	50	510.6	
05/05/2010	21:38:31	360	7.9	9.45	51	523.7	
05/05/2010	21:40:11	346	7.9	9.41	49	536.9	
05/05/2010	21:41:51	364	7.9	9.43	50	550.1	
05/05/2010	21:43:31	370	7.9	9.43	50	563.3	
05/05/2010	21:45:11	372	7.9	9.43	50	576.5	
05/05/2010	21:46:51	374	7.9	9.42	50	589.6	
05/05/2010	21:48:31	363	7.9	9.41	50	602.8	
05/05/2010	21:50:11	350	7.9	9.40	50	616.0	
05/05/2010	21:51:51	367	7.9	9.42	50	629.2	
05/05/2010	21:53:31	361	7.9	9.45	50	642.3	
05/05/2010	21:55:11	360	7.9	9.47	50	655.5	
05/05/2010	21:56:51	357	7.9	9.46	50	668.7	
05/05/2010	21:58:31	352	7.9	9.42	49	681.9	
05/05/2010	22:00:11	379	7.9	9.46	51	695.1	
05/05/2010	22:01:51	385	7.9	9.46	51	708.2	
05/05/2010	22:03:31	374	7.9	9.45	50	721.4	
05/05/2010	22:05:11	377	7.9	9.47	50	734.6	
05/05/2010	22:06:51	378	7.9	9.49	50	747.7	
05/05/2010	22:08:31	385	7.8	9.48	50	760.9	
05/05/2010	22:10:11	377	7.9	9.45	50	774.0	
05/05/2010	22:11:51	384	7.9	9.46	50	787.1	
05/05/2010	22:13:31	377	7.9	9.47	50	800.3	
05/05/2010	22:15:11	376	7.9	9.45	50	813.4	
05/05/2010	22:16:51	292	6.2	9.56	52	825.4	
05/05/2010	22:18:31	275	6.3	9.40	51	835.7	
05/05/2010	22:20:11	276	6.3	9.50	50	846.1	
05/05/2010	22:21:51	289	6.3	9.64	51	856.6	
05/05/2010	22:23:31	302	6.3	9.53	50	867.0	
05/05/2010	22:25:11	152	5.6	9.45	49	877.1	
05/05/2010	22:26:51	293	6.3	9.52	49	886.7	
05/05/2010	22:28:31	197	4.4	9.67	42	895.9	
05/05/2010	22:29:23						End Cement Slurry
05/05/2010	22:29:23	128	4.5	8.82	0	899.8	
05/05/2010	22:29:24						Drop Top Plug
05/05/2010	22:29:24	128	4.4	8.82	0	899.8	
05/05/2010	22:29:25						Reset Total, Vol = 571.51 bbl
05/05/2010	22:29:25						Reset Total, Vol = 0.00 bbl
05/05/2010	22:29:25						5 bbl MudPush to drop plug
05/05/2010	22:29:25	126	4.4	8.82	0	899.9	
05/05/2010	22:29:26						Start Displacement

Well SGU 8406B-25 F35 496			Field Story Gulch		Job Start May/05/2010	Customer Encana	Job Number B2IJ-00147
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Solid Fraction NULL	Volume BBL	Message
05/05/2010	22:30:11	114	4.5	8.79	0	903.3	
05/05/2010	22:31:51	131	4.5	8.78	0	910.7	
05/05/2010	22:33:31	208	6.3	8.88	19	918.4	
05/05/2010	22:35:11	215	6.3	8.81	2	928.9	
05/05/2010	22:36:51	229	6.3	8.77	0	939.5	
05/05/2010	22:37:00						Caught returns @ 40 bbl away
05/05/2010	22:37:00	217	6.3	8.75	0	940.4	
05/05/2010	22:37:01						Water returns @ 40 bbl away
05/05/2010	22:37:01	217	6.3	8.75	0	940.5	
05/05/2010	22:38:31	336	7.9	8.76	0	951.1	
05/05/2010	22:40:11	60	1.8	8.76	0	957.5	
05/05/2010	22:41:51	335	7.8	8.76	0	966.3	
05/05/2010	22:43:31	349	7.8	8.77	0	979.3	
05/05/2010	22:45:11	348	7.8	8.77	0	992.3	
05/05/2010	22:46:51	358	7.8	8.77	0	1005.3	
05/05/2010	22:48:31	384	7.8	8.77	0	1018.3	
05/05/2010	22:50:11	396	7.8	8.76	0	1031.2	
05/05/2010	22:50:55						90 bbl water returns
05/05/2010	22:50:55	400	7.8	8.76	0	1036.9	
05/05/2010	22:50:56						Mud Returns @ 130 bbl away
05/05/2010	22:50:56	398	7.8	8.76	0	1037.1	
05/05/2010	22:51:51	402	7.8	8.76	0	1044.2	
05/05/2010	22:53:31	428	7.8	8.76	0	1057.1	
05/05/2010	22:55:11	446	7.8	8.76	0	1070.1	
05/05/2010	22:56:51	352	6.0	8.76	0	1082.4	
05/05/2010	22:58:31	268	4.1	8.76	0	1089.6	
05/05/2010	22:59:59						60 bbl mud returns
05/05/2010	22:59:59	249	4.1	8.76	0	1095.6	
05/05/2010	23:00:00						Cement to surface @ 190 bbl away
05/05/2010	23:00:00	270	4.1	8.76	0	1095.7	
05/05/2010	23:00:11	276	4.1	8.76	0	1096.4	
05/05/2010	23:01:51	256	4.1	8.76	0	1103.2	
05/05/2010	23:03:31	278	4.1	8.76	0	1110.0	
05/05/2010	23:05:11	275	4.1	8.76	0	1116.8	
05/05/2010	23:06:51	230	2.1	8.76	0	1122.0	
05/05/2010	23:08:00						Lost returns last 5 bbl of displacement
05/05/2010	23:08:00	224	2.1	8.76	0	1124.4	
05/05/2010	23:08:31	225	2.1	8.76	0	1125.5	
05/05/2010	23:09:38						Bump Top Plug
05/05/2010	23:09:38	920	0.0	8.77	0	1127.6	
05/05/2010	23:09:39						End Displacement
05/05/2010	23:09:39	916	0.0	8.77	0	1127.6	
05/05/2010	23:09:40						Bump plug to 900 psi
05/05/2010	23:09:40	920	0.0	8.77	0	1127.6	
05/05/2010	23:10:11	922	0.0	8.77	0	1127.6	
05/05/2010	23:11:51	15	0.0	8.76	0	1127.6	
05/05/2010	23:12:58						Float held, 1 bbl back
05/05/2010	23:12:58	15	0.0	8.76	0	1127.6	
05/05/2010	23:12:59						45 bbl cement to surface
05/05/2010	23:12:59	15	0.0	8.76	0	1127.6	
05/05/2010	23:13:00						End Job
05/05/2010	23:13:00	15	0.0	8.76	0	1127.6	
05/05/2010	23:13:27	14	0.0	8.76	0	1127.6	

Well SGU 8406B-25 F35 496	Field Story Gulch	Job Start May/05/2010	Customer Encana	Job Number B2IJ-00147
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.5	N2	Mud 5.8	Maximum Rate 8.2	Total Slurry 558.0	Mud 160.0	Spacer 160.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3863	Final 0	Average 291	Bump Plug to 900	Breakdown	Type	Volume	Density	
Avg. N2 Percent	Designed Slurry Volume 558.0 bbl		Displacement 230.0 bbl	Mix Water Temp 65 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 45.0 bbl		
					Washed Thru Perfs <input type="checkbox"/>	To		
Customer or Authorized Representative Norman Maccreary			Schlumberger Supervisor Dave Wanczyk			Circulation Lost <input checked="" type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
					-	-		