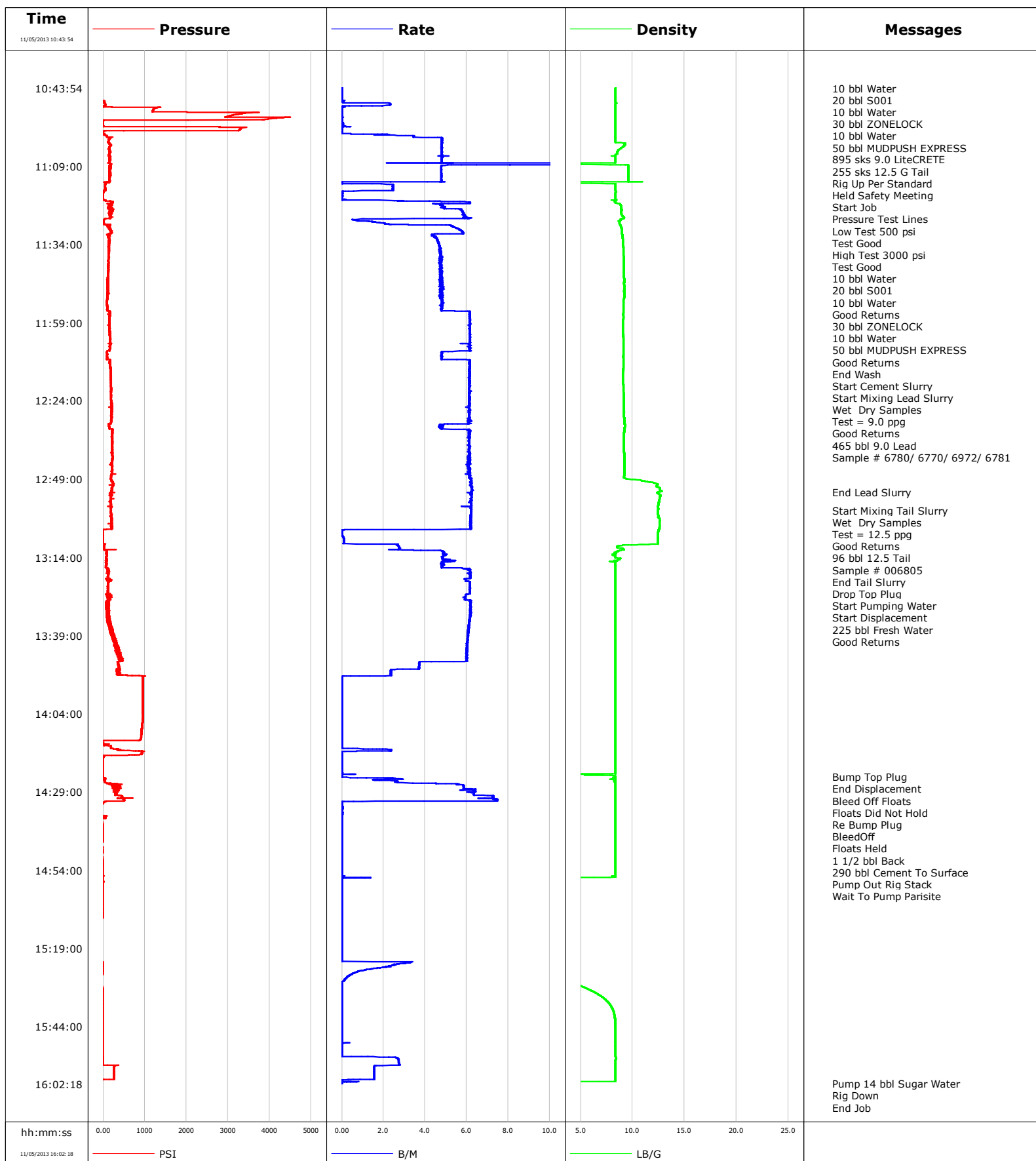


Well SGU 8515F-34
Field Story Gulch
Engineer Jordan Moreland
Country United States

Client Encana
SIR No. C459-01984
Job Type 9 5/8 Surface
Job Date 11-05-2013





Cementing Service Report

				Customer Encana		Job Number C459-01984		
Well SGU 8515F-34			Location (legal) E34		Schlumberger Location GCO		Job Start Nov/05/2013	
Field Story Gulch		Formation Name/Type Shale		Deviation	Bit Size 14.8 in	Well MD	Well TVD	
County Garfield		State/Province Colorado		BHP	BHST 120 degF	BHCT 91 degF	Pore Press. Gradient	
Well Master 0631501106		API/UWI						
Rig Name Patterson 326		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	2960.0	9.630	36.0	K55	8RD
				0.0	0.000	0.0		
Drilling Fluid Type		Max. Density 8.90 lb/gal	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing		Job Type 9 5/8 Surface						
Max. Allowed Tub. Press 300 psi		Max. Allowed Ann. Press	WH Connection Single Cement head	Perforations/Open Hole				
				Top,	Bottom,		No. of Shots	Total Interval
								Diameter
				Treat Down Casing	Displacement 225.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 228.0 bbl	Annular Vol. 376.0 bbl	Openhole Vol. 623.0 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				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2960.0 ft		Tool Type		
No. Centralizers		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth		
Cement Head Type Single				Stage Tool Depth		Tail Pipe Size		
Job Scheduled For Nov/05/2013		Arrived on Location Nov/05/2013	Leave Location Nov/05/2013	Collar Type Float		Tail Pipe Depth		
				Collar Depth 2914.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/05/2013	10:18:30					Started Acquisition		
11/05/2013	10:43:54					10 bbl Water		
11/05/2013	10:43:54					20 bbl S001		
11/05/2013	10:43:54					10 bbl Water		
11/05/2013	10:43:54					30 bbl ZONELOCK		
11/05/2013	10:43:54					10 bbl Water		
11/05/2013	10:43:54					50 bbl MUDPUSH EXPRESS		
11/05/2013	10:43:54					895 sks 9.0 LiteCRETE		
11/05/2013	10:43:54	-29	0.0	8.36	0.0			
11/05/2013	10:43:55					255 sks 12.5 G Tail		
11/05/2013	10:43:55					Rig Up Per Standard		
11/05/2013	10:43:55					Held Safety Meeting		
11/05/2013	10:43:55	-29	0.0	8.36	0.0			
11/05/2013	10:43:56					Start Job		
11/05/2013	10:43:56	-29	0.0	8.36	0.0			
11/05/2013	10:43:58					Pressure Test Lines		
11/05/2013	10:43:58	-29	0.0	8.36	0.0			
11/05/2013	10:43:59					Low Test 500 psi		
11/05/2013	10:43:59	-30	0.0	8.36	0.0			
11/05/2013	10:44:00					Test Good		
11/05/2013	10:44:00					High Test 3000 psi		

Well			Field	Job Start		Customer	Job Number
SGU 8515F-34			Story Gulch	Nov/05/2013		Encana	C459-01984
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/05/2013	10:44:00	-30	0.0	8.36	0.0		
11/05/2013	10:44:30	-30	0.0	8.35	0.0		
11/05/2013	10:46:30	-30	0.0	8.35	0.0		
11/05/2013	10:48:30	-20	0.1	8.36	0.0		
11/05/2013	10:50:30	1232	0.0	8.35	2.2		
11/05/2013	10:52:30	3187	0.0	8.36	2.2		
11/05/2013	10:54:30	-1	0.0	8.35	2.2		
11/05/2013	10:56:30	3417	0.0	8.36	2.3		
11/05/2013	10:58:30	-3	0.0	8.35	2.3		
11/05/2013	11:00:30	138	4.8	8.35	8.9		
11/05/2013	11:01:49					10 bbl Water	
11/05/2013	11:01:49	159	4.8	9.28	15.2		
11/05/2013	11:01:52					20 bbl S001	
11/05/2013	11:01:52	163	4.8	9.28	15.5		
11/05/2013	11:02:30	172	4.8	9.21	18.5		
11/05/2013	11:04:30	161	4.8	8.55	28.1		
11/05/2013	11:05:36					10 bbl Water	
11/05/2013	11:05:36	132	4.8	8.35	33.4		
11/05/2013	11:05:37					Good Returns	
11/05/2013	11:05:37	132	4.8	8.35	33.5		
11/05/2013	11:06:30	156	4.8	8.34	37.7		
11/05/2013	11:08:30	190	14.4	7.89	57.5		
11/05/2013	11:09:55					30 bbl ZONELOCK	
11/05/2013	11:09:55	177	4.8	9.60	64.6		
11/05/2013	11:10:30	138	4.8	9.60	67.4		
11/05/2013	11:12:30	163	4.8	9.60	77.0		
11/05/2013	11:14:18					10 bbl Water	
11/05/2013	11:14:18	150	0.0	0.00	84.2		
11/05/2013	11:14:30	49	0.0	3.33	84.2		
11/05/2013	11:16:30	45	2.5	8.35	88.7		
11/05/2013	11:18:30	-6	0.0	8.36	89.7		
11/05/2013	11:20:00					50 bbl MUDPUSH EXPRESS	
11/05/2013	11:20:00	49	3.0	8.41	90.0		
11/05/2013	11:20:30	228	6.1	8.32	92.3		
11/05/2013	11:22:30	121	4.9	8.92	102.5		
11/05/2013	11:24:30	197	5.8	8.95	114.0		
11/05/2013	11:25:00					Good Returns	
11/05/2013	11:25:00	183	6.0	9.06	117.0		
11/05/2013	11:26:00					End Wash	
11/05/2013	11:26:00	19	0.5	8.91	121.8		
11/05/2013	11:26:30	9	1.2	8.66	122.2		
11/05/2013	11:28:00					Start Cement Slurry	
11/05/2013	11:28:00					Start Mixing Lead Slurry	
11/05/2013	11:28:00					Wet Dry Samples	
11/05/2013	11:28:00					Test = 9.0 ppg	
11/05/2013	11:28:00					Good Returns	
11/05/2013	11:28:00					465 bbl 9.0 Lead	
11/05/2013	11:28:00					Sample # 6780/ 6770/ 6972/ 6781	
11/05/2013	11:28:00	181	5.2	8.85	125.9		
11/05/2013	11:28:30	137	5.4	8.91	128.6		
11/05/2013	11:30:30	205	5.8	8.99	140.0		
11/05/2013	11:32:30	148	4.6	9.06	149.1		
11/05/2013	11:34:30	125	4.7	9.09	158.4		
11/05/2013	11:36:30	135	4.8	9.13	167.8		

Well			Field		Job Start	Customer		Job Number
SGU 8515F-34			Story Gulch		Nov/05/2013	Encana		C459-01984
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/05/2013	11:40:30	118	4.8	9.18	186.8			
11/05/2013	11:42:30	118	4.8	9.17	196.3			
11/05/2013	11:44:30	112	4.8	9.18	205.8			
11/05/2013	11:46:30	108	4.8	9.19	215.4			
11/05/2013	11:48:30	109	4.8	9.20	225.0			
11/05/2013	11:50:30	102	4.7	9.21	234.5			
11/05/2013	11:52:30	84	4.8	9.11	244.1			
11/05/2013	11:54:30	101	4.8	9.11	253.7			
11/05/2013	11:56:30	155	6.1	9.09	264.9			
11/05/2013	11:58:30	146	6.2	9.08	277.2			
11/05/2013	12:00:30	149	6.2	9.09	289.5			
11/05/2013	12:02:30	162	6.2	9.09	301.9			
11/05/2013	12:04:30	168	6.2	9.10	314.2			
11/05/2013	12:06:30	161	6.2	9.10	326.4			
11/05/2013	12:08:30	77	4.8	9.10	338.3			
11/05/2013	12:10:30	95	4.8	9.10	347.8			
11/05/2013	12:12:30	167	6.1	9.11	359.7			
11/05/2013	12:14:30	181	6.1	9.10	372.0			
11/05/2013	12:16:30	177	6.1	9.07	384.3			
11/05/2013	12:18:30	186	6.1	9.09	396.6			
11/05/2013	12:20:30	195	6.1	9.11	408.9			
11/05/2013	12:22:30	193	6.1	9.15	421.1			
11/05/2013	12:24:30	195	6.1	9.17	433.4			
11/05/2013	12:26:30	205	6.1	9.19	445.6			
11/05/2013	12:28:30	194	6.1	9.17	457.9			
11/05/2013	12:30:30	196	6.2	9.23	470.1			
11/05/2013	12:32:30	155	4.7	9.24	480.9			
11/05/2013	12:34:30	214	6.2	9.18	492.4			
11/05/2013	12:36:30	207	6.1	9.16	504.6			
11/05/2013	12:38:30	216	6.1	9.15	516.9			
11/05/2013	12:40:30	211	6.2	9.19	529.1			
11/05/2013	12:42:30	222	6.1	9.21	541.4			
11/05/2013	12:44:30	215	6.1	9.23	553.6			
11/05/2013	12:46:30	212	6.2	9.20	565.8			
11/05/2013	12:48:30	186	6.1	9.18	578.1			
11/05/2013	12:50:30	241	6.2	12.34	590.5			
11/05/2013	12:52:30	205	6.3	12.62	602.9			
11/05/2013	12:53:05					End Lead Slurry		
11/05/2013	12:53:05	193	6.2	12.67	606.6			
11/05/2013	12:54:30	183	6.2	12.65	615.4			
11/05/2013	12:56:30	176	6.2	12.52	627.8			
11/05/2013	12:58:30	180	6.2	12.48	640.2			
11/05/2013	12:59:00					Start Mixing Tail Slurry		
11/05/2013	12:59:00					Wet Dry Samples		
11/05/2013	12:59:00					Test = 12.5 ppg		
11/05/2013	12:59:00					Good Returns		
11/05/2013	12:59:00					96 bbl 12.5 Tail		
11/05/2013	12:59:00					Sample # 006805		
11/05/2013	12:59:00	181	6.2	12.47	643.3			
11/05/2013	13:00:30	195	6.2	12.46	652.6			
11/05/2013	13:02:30	199	6.2	12.61	665.0			
11/05/2013	13:04:30	199	6.2	12.58	677.4			
11/05/2013	13:06:30	-17	0.0	12.46	681.4			
11/05/2013	13:08:30	-10	0.1	12.43	681.5			

Well			Field		Job Start		Customer		Job Number	
SGU 8515F-34			Story Gulch		Nov/05/2013		Encana		C459-01984	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/05/2013	13:12:00					End Tail Slurry				
11/05/2013	13:12:00	75	4.8	8.58	688.2					
11/05/2013	13:12:30	78	4.9	8.27	690.7					
11/05/2013	13:14:30	82	4.8	8.75	700.5					
11/05/2013	13:14:43					Drop Top Plug				
11/05/2013	13:14:43					Start Pumping Water				
11/05/2013	13:14:43	79	4.9	8.74	701.5					
11/05/2013	13:14:44					Start Displacement				
11/05/2013	13:14:44	80	4.9	8.75	701.6					
11/05/2013	13:14:45					225 bbl Fresh Water				
11/05/2013	13:14:45					Good Returns				
11/05/2013	13:14:45	83	4.9	8.75	701.7					
11/05/2013	13:16:30	71	4.9	8.34	710.3					
11/05/2013	13:18:30	121	6.2	8.34	721.3					
11/05/2013	13:20:30	114	6.2	8.35	733.6					
11/05/2013	13:22:30	119	6.2	8.34	745.7					
11/05/2013	13:24:30	110	6.2	8.35	758.1					
11/05/2013	13:26:30	109	5.9	8.34	770.2					
11/05/2013	13:28:30	113	6.2	8.34	782.3					
11/05/2013	13:30:30	122	6.2	8.34	794.6					
11/05/2013	13:32:30	89	6.2	8.34	807.0					
11/05/2013	13:34:30	138	6.1	8.34	819.3					
11/05/2013	13:36:30	206	6.1	8.34	831.5					
11/05/2013	13:38:30	174	6.1	8.34	843.7					
11/05/2013	13:40:30	317	6.1	8.34	855.8					
11/05/2013	13:42:30	351	6.0	8.34	867.8					
11/05/2013	13:44:30	369	6.0	8.34	879.9					
11/05/2013	13:46:30	383	6.0	8.34	891.9					
11/05/2013	13:48:30	386	3.7	8.34	901.2					
11/05/2013	13:50:30	375	2.4	8.34	907.7					
11/05/2013	13:52:30	955	0.0	8.34	911.1					
11/05/2013	13:54:30	949	0.0	8.35	911.1					
11/05/2013	13:56:30	950	0.0	8.35	911.1					
11/05/2013	13:58:30	949	0.0	8.35	911.1					
11/05/2013	14:00:30	950	0.0	8.35	911.1					
11/05/2013	14:02:30	951	0.0	8.35	911.1					
11/05/2013	14:04:30	953	0.0	8.35	911.1					
11/05/2013	14:06:30	944	0.0	8.35	911.1					
11/05/2013	14:08:30	930	0.0	8.35	911.1					
11/05/2013	14:10:30	917	0.0	8.35	911.1					
11/05/2013	14:12:30	876	0.0	8.35	911.1					
11/05/2013	14:14:30	186	0.0	8.35	911.1					
11/05/2013	14:16:30	929	0.0	8.35	912.9					
11/05/2013	14:18:30	-23	0.0	8.35	912.9					
11/05/2013	14:20:30	-18	0.0	8.35	912.9					
11/05/2013	14:22:30	-15	0.0	8.35	912.9					
11/05/2013	14:24:08					Bump Top Plug				
11/05/2013	14:24:08	-15	0.0	8.35	912.9					
11/05/2013	14:24:09					End Displacement				
11/05/2013	14:24:09	-15	0.0	8.35	912.9					
11/05/2013	14:24:11					Bleed Off Floats				
11/05/2013	14:24:11					Floats Did Not Hold				
11/05/2013	14:24:11					Re Bump Plug				
11/05/2013	14:24:11					BleedOff				

Well			Field		Job Start		Customer		Job Number	
SGU 8515F-34			Story Gulch		Nov/05/2013		Encana		C459-01984	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/05/2013	14:24:12					Floats Held				
11/05/2013	14:24:12					1 1/2 bbl Back				
11/05/2013	14:24:12					290 bbl Cement To Surface				
11/05/2013	14:24:12					Pump Out Rig Stack				
11/05/2013	14:24:12					Wait To Pump Parisite				
11/05/2013	14:24:12	-15	0.0	8.35	912.9					
11/05/2013	14:24:30	23	2.0	8.35	913.0					
11/05/2013	14:26:30	306	5.6	8.35	918.6					
11/05/2013	14:28:30	329	6.0	8.35	930.4					
11/05/2013	14:30:30	435	7.3	8.34	943.5					
11/05/2013	14:32:30	3	0.0	8.34	954.4					
11/05/2013	14:34:30	-29	0.0	8.34	954.4					
11/05/2013	14:36:30	-25	0.0	8.34	954.4					
11/05/2013	14:38:30	-24	0.0	8.34	954.4					
11/05/2013	14:40:30	-23	0.0	8.34	954.4					
11/05/2013	14:42:30	-22	0.0	8.34	954.4					
11/05/2013	14:44:30	-23	0.0	8.34	954.4					
11/05/2013	14:46:30	-25	0.0	8.34	954.4					
11/05/2013	14:48:30	-23	0.0	8.34	954.4					
11/05/2013	14:50:30	-23	0.0	8.35	954.4					
11/05/2013	14:52:30	-22	0.0	8.35	954.4					
11/05/2013	14:54:30	-21	0.0	8.35	954.4					
11/05/2013	14:56:30	-20	0.6	0.26	954.5					
11/05/2013	14:58:30	-21	0.0	0.00	954.5					
11/05/2013	15:00:30	-21	0.0	0.00	954.5					
11/05/2013	15:02:30	-22	0.0	0.00	954.5					
11/05/2013	15:04:30	-23	0.0	0.00	954.5					
11/05/2013	15:06:30	-22	0.0	0.00	954.5					
11/05/2013	15:08:30	-23	0.0	0.00	954.5					
11/05/2013	15:10:30	-25	0.0	0.00	954.5					
11/05/2013	15:12:30	-26	0.0	0.00	954.5					
11/05/2013	15:14:30	-26	0.0	0.00	954.5					
11/05/2013	15:16:30	-26	0.0	0.00	954.5					
11/05/2013	15:18:30	-26	0.0	0.00	954.5					
11/05/2013	15:20:30	-25	0.0	0.00	954.5					
11/05/2013	15:22:30	-24	0.0	0.01	954.5					
11/05/2013	15:24:30	-21	2.4	0.30	958.0					
11/05/2013	15:26:30	-23	0.7	1.29	961.1					
11/05/2013	15:28:30	-25	0.2	2.94	962.0					
11/05/2013	15:30:30	-25	0.0	4.62	962.1					
11/05/2013	15:32:30	-23	0.0	6.01	962.1					
11/05/2013	15:34:30	-23	0.0	7.05	962.1					
11/05/2013	15:36:30	-22	0.0	7.71	962.1					
11/05/2013	15:38:30	-22	0.0	8.08	962.1					
11/05/2013	15:40:30	-21	0.0	8.26	962.1					
11/05/2013	15:42:30	-20	0.0	8.32	962.1					
11/05/2013	15:44:30	-19	0.0	8.34	962.1					
11/05/2013	15:46:30	-19	0.0	8.34	962.1					
11/05/2013	15:48:30	-20	0.0	8.34	962.1					
11/05/2013	15:50:30	-19	0.0	8.36	962.1					
11/05/2013	15:52:30	-19	0.0	8.36	962.1					
11/05/2013	15:54:30	-9	2.7	8.38	964.3					
11/05/2013	15:56:30	269	1.6	8.37	969.6					
11/05/2013	15:58:30	260	1.6	8.36	972.8					

Well			Field		Job Start	Customer	Job Number
SGU 8515F-34			Story Gulch		Nov/05/2013	Encana	C459-01984
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/05/2013	16:02:14					Pump 14 bbl Sugar Water	
11/05/2013	16:02:14					Rig Down	
11/05/2013	16:02:14	-26	0.0	0.00	976.7		
11/05/2013	16:02:17					End Job	
11/05/2013	16:02:17	-26	0.0	0.00	976.7		

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
					68 degF	Washed Thru Perfs		To
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost		Job Completed
Mike Quintana			Jordan Moreland			-		-