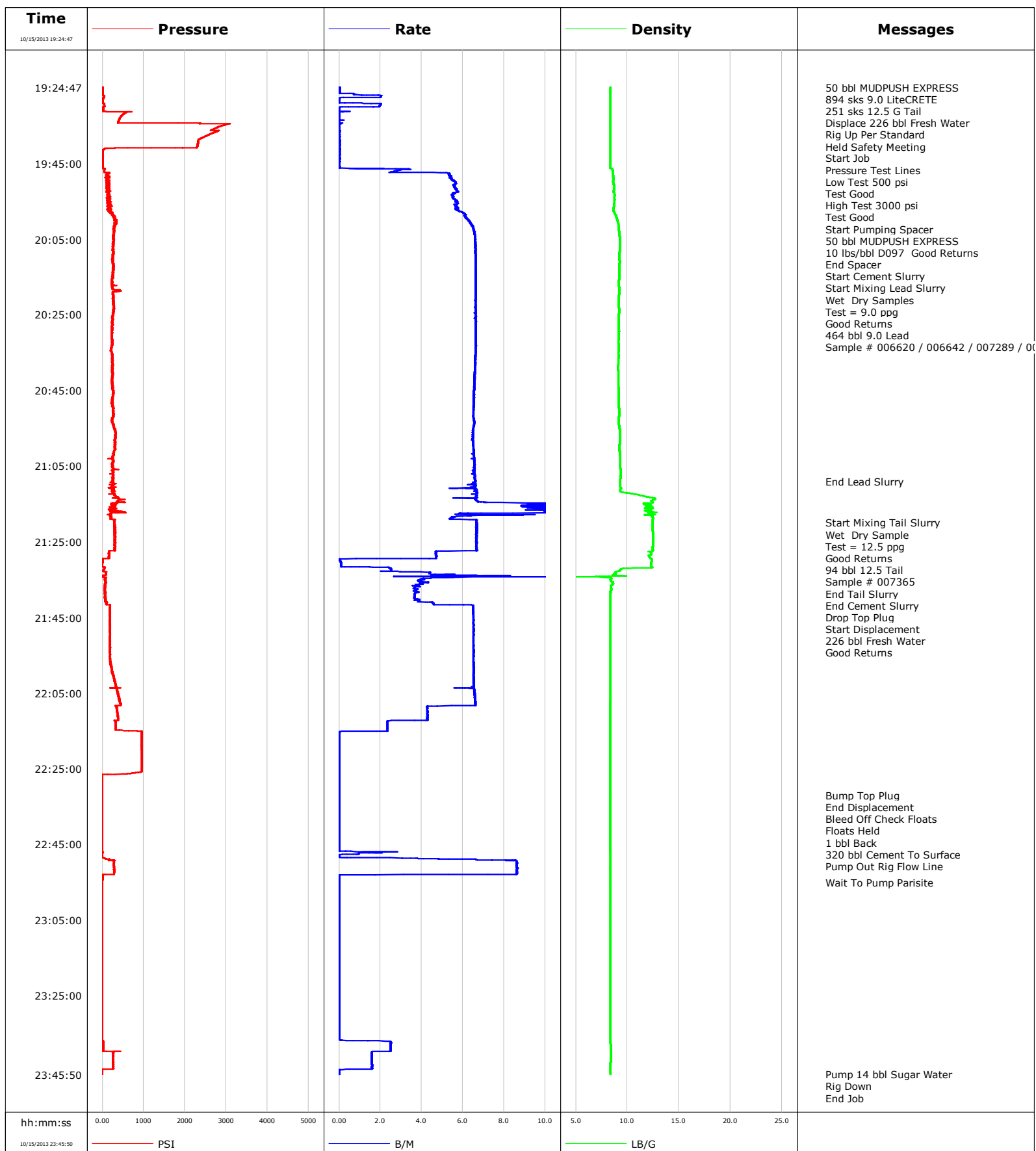


Well SGU 8514C-34
Field Story Gulch
Engineer Jordan Moreland
Country United States

Client Encana
SIR No. CMI1-00375
Job Type 9 5/8 Surface
Job Date 10-15-2013





Cementing Service Report

				Customer Encana		Job Number CMI1-00375		
Well SGU 8514C-34			Location (legal) E34		Schlumberger Location GCO		Job Start Oct/15/2013	
Field Story Gulch		Formation Name/Type		Deviation	Bit Size 14.8 in	Well MD		Well TVD
County Garfield		State/Province Colorado		BHP	BHST	BHCT	Pore Press. Gradient	
Well Master		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	2973.0	9.630	36.0	K55	8RD	
			0.0	0.000	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe				
				Depth,	Size,	Weight,	Grade	Thread
Service Line Cementing	Job Type 9 5/8 Surface							
Max. Allowed Tub. Press 3000 psi	Max. Allowed Ann. Press	WH Connection Single Cement head	Perforations/Open Hole					
			Top,	Bottom,		No. of Shots	Total Interval	
							Diameter	
Service Instructions Rate And Density Checked 50 bbl MUDPUSH EXPRESS 894 sks 9.0 LiteCRETE 251 sks 12.5 Tail Displace 226 bbl Fresh Water				Treat Down Casing	Displacement 226.0 bbl	Packer Type	Packer Depth	
				Tubing Vol.	Casing Vol. 229.0 bbl	Annular Vol. 378.0 bbl	Openhole Vol. 625.0 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 1471 psi				Shoe Type Guide		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 2973.0 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 Oct/15/2013		Arrived on Location Oct/15/2013	Leave Location Oct/15/2013	Collar Type Float		Tail Pipe Depth		
				Collar Depth 2928.0 ft		Sqz. Total Vol.		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/15/2013	18:31:14					Started Acquisition		
10/15/2013	19:24:47	1	0.0	8.34	0.0			
10/15/2013	19:24:49					50 bbl MUDPUSH EXPRESS		
10/15/2013	19:24:49					894 sks 9.0 LiteCRETE		
10/15/2013	19:24:49	1	0.0	8.34	0.0			
10/15/2013	19:24:50					251 sks 12.5 G Tail		
10/15/2013	19:24:50					Displace 226 bbl Fresh Water		
10/15/2013	19:24:50					Rig Up Per Standard		
10/15/2013	19:24:50					Held Safety Meeting		
10/15/2013	19:24:50	1	0.0	8.35	0.0			
10/15/2013	19:24:52					Start Job		
10/15/2013	19:24:52	1	0.0	8.35	0.0			
10/15/2013	19:24:53					Pressure Test Lines		
10/15/2013	19:24:53	1	0.0	8.35	0.0			
10/15/2013	19:24:54					Low Test 500 psi		
10/15/2013	19:24:54	1	0.0	8.34	0.0			
10/15/2013	19:24:55					Test Good		
10/15/2013	19:24:55					High Test 3000 psi		
10/15/2013	19:24:55					Test Good		
10/15/2013	19:24:55	1	0.0	8.35	0.0			
10/15/2013	19:25:14	1	0.0	8.34	0.0			

Well			Field		Job Start		Customer		Job Number	
SGU 8514C-34			Story Gulch		Oct/15/2013		Encana		CMI1-00375	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/15/2013	19:29:14	39	2.0	8.34	2.0					
10/15/2013	19:31:14	63	0.5	8.34	3.7					
10/15/2013	19:33:14	411	0.0	8.34	3.7					
10/15/2013	19:35:14	2838	0.0	8.34	3.8					
10/15/2013	19:37:14	2619	0.0	8.34	3.8					
10/15/2013	19:39:14	2319	0.0	8.34	3.8					
10/15/2013	19:41:14	40	0.0	8.34	3.9					
10/15/2013	19:43:14	7	0.0	8.34	3.9					
10/15/2013	19:45:14	5	0.0	8.34	4.0					
10/15/2013	19:46:41					Start Pumping Spacer				
10/15/2013	19:46:41	39	2.9	8.57	5.0					
10/15/2013	19:46:42					50 bbl MUDPUSH EXPRESS				
10/15/2013	19:46:42					10 lbs/bbl D097 Good Returns				
10/15/2013	19:46:42	39	2.9	8.57	5.1					
10/15/2013	19:47:14	42	2.6	8.58	6.6					
10/15/2013	19:49:14	112	5.5	8.63	16.9					
10/15/2013	19:51:14	117	5.6	8.70	28.1					
10/15/2013	19:53:14	135	5.5	8.76	39.3					
10/15/2013	19:55:14	163	5.7	8.74	50.5					
10/15/2013	19:57:14	202	5.7	8.63	61.9					
10/15/2013	19:59:14	293	6.2	8.95	73.9					
10/15/2013	20:00:00					End Spacer				
10/15/2013	20:00:00	350	6.3	9.03	78.6					
10/15/2013	20:01:14	308	6.4	9.14	86.5					
10/15/2013	20:03:14	285	6.5	9.20	99.5					
10/15/2013	20:05:00					Start Cement Slurry				
10/15/2013	20:05:00					Start Mixing Lead Slurry				
10/15/2013	20:05:00	280	6.6	9.25	111.1					
10/15/2013	20:05:14	268	6.6	9.26	112.7					
10/15/2013	20:07:14	254	6.6	9.28	125.8					
10/15/2013	20:09:14	247	6.6	9.23	139.1					
10/15/2013	20:10:02					Wet Dry Samples				
10/15/2013	20:10:02					Test = 9.0 ppg				
10/15/2013	20:10:02					Good Returns				
10/15/2013	20:10:02	244	6.6	9.23	144.4					
10/15/2013	20:10:03					464 bbl 9.0 Lead				
10/15/2013	20:10:03					Sample # 006620 / 006642 / 007289 / 006653				
10/15/2013	20:10:03	246	6.6	9.23	144.5					
10/15/2013	20:11:14	261	6.6	9.24	152.3					
10/15/2013	20:13:14	268	6.6	9.23	165.5					
10/15/2013	20:15:14	244	6.6	9.22	178.8					
10/15/2013	20:17:14	241	6.6	9.18	192.0					
10/15/2013	20:19:14	259	6.6	9.21	205.3					
10/15/2013	20:21:14	266	6.6	9.18	218.5					
10/15/2013	20:23:14	286	6.6	9.19	231.7					
10/15/2013	20:25:14	253	6.6	9.18	245.0					
10/15/2013	20:27:14	237	6.6	9.18	258.2					
10/15/2013	20:29:14	239	6.6	9.19	271.5					
10/15/2013	20:31:14	235	6.6	9.16	284.7					
10/15/2013	20:33:14	222	6.6	9.15	298.0					
10/15/2013	20:35:14	233	6.6	9.14	311.2					
10/15/2013	20:37:14	245	6.6	9.13	324.4					
10/15/2013	20:39:14	249	6.6	9.09	337.6					
10/15/2013	20:41:14	250	6.6	9.11	350.7					

Well			Field		Job Start		Customer		Job Number	
SGU 8514C-34			Story Gulch		Oct/15/2013		Encana		CM11-00375	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/15/2013	20:45:14	254	6.5	9.16	377.0					
10/15/2013	20:47:14	240	6.5	9.17	390.0					
10/15/2013	20:49:14	261	6.5	9.19	403.1					
10/15/2013	20:51:14	270	6.5	9.20	416.1					
10/15/2013	20:53:14	239	6.5	9.14	429.2					
10/15/2013	20:55:14	294	6.5	9.24	442.2					
10/15/2013	20:57:14	321	6.5	9.28	455.2					
10/15/2013	20:59:14	310	6.5	9.24	468.2					
10/15/2013	21:01:14	280	6.5	9.25	481.2					
10/15/2013	21:03:14	248	6.6	9.30	494.2					
10/15/2013	21:05:14	259	6.6	9.32	507.4					
10/15/2013	21:07:14	264	6.6	9.36	520.5					
10/15/2013	21:09:00					End Lead Slurry				
10/15/2013	21:09:00	261	6.6	9.32	532.1					
10/15/2013	21:09:14	253	6.6	9.32	533.6					
10/15/2013	21:11:14	252	6.6	9.33	546.6					
10/15/2013	21:13:14	375	6.7	12.09	559.9					
10/15/2013	21:15:14	262	10.3	11.71	575.2					
10/15/2013	21:17:14	399	12.0	12.82	596.2					
10/15/2013	21:19:14	290	6.6	12.44	609.7					
10/15/2013	21:19:56					Start Mixing Tail Slurry				
10/15/2013	21:19:56	279	6.7	12.46	614.4					
10/15/2013	21:19:57					Wet Dry Sample				
10/15/2013	21:19:57					Test = 12.5 ppg				
10/15/2013	21:19:57					Good Returns				
10/15/2013	21:19:57	279	6.7	12.46	614.5					
10/15/2013	21:19:58					94 bbl 12.5 Tail				
10/15/2013	21:19:58					Sample # 007365				
10/15/2013	21:19:58	297	6.7	12.46	614.6					
10/15/2013	21:21:14	297	6.7	12.43	623.1					
10/15/2013	21:23:14	301	6.7	12.51	636.4					
10/15/2013	21:25:14	296	6.7	12.50	649.7					
10/15/2013	21:27:14	307	6.7	12.50	663.0					
10/15/2013	21:28:00					End Tail Slurry				
10/15/2013	21:28:00	156	4.7	12.31	667.1					
10/15/2013	21:29:00					End Cement Slurry				
10/15/2013	21:29:00	154	4.7	12.13	671.8					
10/15/2013	21:29:14	156	4.7	12.21	672.9					
10/15/2013	21:31:14	-2	0.1	12.32	674.1					
10/15/2013	21:32:00					Drop Top Plug				
10/15/2013	21:32:00					Start Displacement				
10/15/2013	21:32:00					226 bbl Fresh Water				
10/15/2013	21:32:00					Good Returns				
10/15/2013	21:32:00	54	2.5	10.31	674.9					
10/15/2013	21:33:14	93	4.4	8.87	678.5					
10/15/2013	21:35:14	67	3.8	8.41	689.0					
10/15/2013	21:37:14	62	3.7	8.43	696.8					
10/15/2013	21:39:14	64	3.7	8.37	704.2					
10/15/2013	21:41:14	100	4.6	8.36	711.9					
10/15/2013	21:43:14	183	6.5	8.36	724.1					
10/15/2013	21:45:14	184	6.5	8.36	737.1					
10/15/2013	21:47:14	180	6.5	8.35	750.1					
10/15/2013	21:49:14	184	6.5	8.35	763.2					
10/15/2013	21:51:14	184	6.5	8.35	776.2					

Well			Field		Job Start		Customer		Job Number	
SGU 8514C-34			Story Gulch		Oct/15/2013		Encana		CMI1-00375	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/15/2013	21:55:14	186	6.5	8.35	802.3					
10/15/2013	21:57:14	203	6.5	8.35	815.3					
10/15/2013	21:59:14	242	6.5	8.35	828.4					
10/15/2013	22:01:14	285	6.5	8.34	841.4					
10/15/2013	22:03:14	320	6.5	8.34	854.5					
10/15/2013	22:05:14	366	6.6	8.34	867.5					
10/15/2013	22:07:14	421	6.6	8.33	880.7					
10/15/2013	22:09:14	356	4.3	8.33	891.9					
10/15/2013	22:11:14	367	4.3	8.33	900.5					
10/15/2013	22:13:14	318	2.3	8.33	907.2					
10/15/2013	22:15:14	963	0.0	8.33	911.6					
10/15/2013	22:17:14	952	0.0	8.33	911.6					
10/15/2013	22:19:14	953	0.0	8.33	911.7					
10/15/2013	22:21:14	953	0.0	8.33	911.7					
10/15/2013	22:23:14	955	0.0	8.33	911.7					
10/15/2013	22:25:14	955	0.0	8.33	911.7					
10/15/2013	22:27:14	-6	0.0	8.33	911.8					
10/15/2013	22:29:14	-9	0.0	8.33	911.8					
10/15/2013	22:31:14	-8	0.0	8.33	911.8					
10/15/2013	22:32:00					Bump Top Plug				
10/15/2013	22:32:00					End Displacement				
10/15/2013	22:32:00					Bleed Off Check Floats				
10/15/2013	22:32:00					Floats Held				
10/15/2013	22:32:00					1 bbl Back				
10/15/2013	22:32:00					320 bbl Cement To Surface				
10/15/2013	22:32:00	-8	0.0	8.33	911.8					
10/15/2013	22:33:14	-9	0.0	8.33	911.8					
10/15/2013	22:35:14	-8	0.0	8.33	911.9					
10/15/2013	22:37:14	-7	0.0	8.33	911.9					
10/15/2013	22:39:14	-8	0.0	8.33	911.9					
10/15/2013	22:41:14	-7	0.0	8.33	911.9					
10/15/2013	22:43:14	-8	0.0	8.33	912.0					
10/15/2013	22:45:14	-7	0.0	8.33	912.0					
10/15/2013	22:47:14	-6	1.5	8.34	912.5					
10/15/2013	22:49:14	282	8.6	8.36	916.6					
10/15/2013	22:49:23					Pump Out Rig Flow Line				
10/15/2013	22:49:23	281	8.6	8.36	917.8					
10/15/2013	22:51:14	276	8.6	8.34	933.8					
10/15/2013	22:53:14	2	0.0	8.34	949.1					
10/15/2013	22:55:00					Wait To Pump Parisite				
10/15/2013	22:55:00	-7	0.0	8.34	949.1					
10/15/2013	22:55:14	-8	0.0	8.34	949.1					
10/15/2013	22:57:14	-8	0.0	8.34	949.2					
10/15/2013	22:59:14	-8	0.0	8.34	949.2					
10/15/2013	23:01:14	-7	0.0	8.34	949.2					
10/15/2013	23:03:14	-7	0.0	8.34	949.2					
10/15/2013	23:05:14	-7	0.0	8.34	949.3					
10/15/2013	23:07:14	-7	0.0	8.34	949.3					
10/15/2013	23:09:14	-6	0.0	8.34	949.3					
10/15/2013	23:11:14	-6	0.0	8.34	949.3					
10/15/2013	23:13:14	-6	0.0	8.34	949.4					
10/15/2013	23:15:14	-6	0.0	8.34	949.4					
10/15/2013	23:17:14	-5	0.0	8.34	949.4					
10/15/2013	23:19:14	-5	0.0	8.34	949.4					

Well			Field		Job Start	Customer		Job Number
SGU 8514C-34			Story Gulch		Oct/15/2013	Encana		CMI1-00375
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
10/15/2013	23:23:14	-5	0.0	8.34	949.5			
10/15/2013	23:25:14	-5	0.0	8.34	949.5			
10/15/2013	23:27:14	-5	0.0	8.34	949.5			
10/15/2013	23:29:14	-5	0.0	8.34	949.5			
10/15/2013	23:31:14	-5	0.0	8.34	949.6			
10/15/2013	23:33:14	-5	0.0	8.34	949.6			
10/15/2013	23:35:14	-5	0.0	8.34	949.6			
10/15/2013	23:37:14	14	2.5	8.36	950.4			
10/15/2013	23:39:14	13	2.5	8.38	955.4			
10/15/2013	23:41:14	259	1.6	8.38	959.1			
10/15/2013	23:43:14	257	1.6	8.35	962.3			
10/15/2013	23:45:14	-7	0.0	8.35	964.3			
10/15/2013	23:45:45					Pump 14 bbl Sugar Water		
10/15/2013	23:45:45	-1	0.0	8.35	964.3			
10/15/2013	23:45:46					Rig Down		
10/15/2013	23:45:46	-1	0.0	8.35	964.3			
10/15/2013	23:45:48					End Job		
10/15/2013	23:45:48	-1	0.0	8.35	964.3			

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?	<input checked="" type="checkbox"/>	Volume
					65 degF	Washed Thru Perfs	<input type="checkbox"/>	To
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed
Mark Shultz			Jordan Moreland			-		-