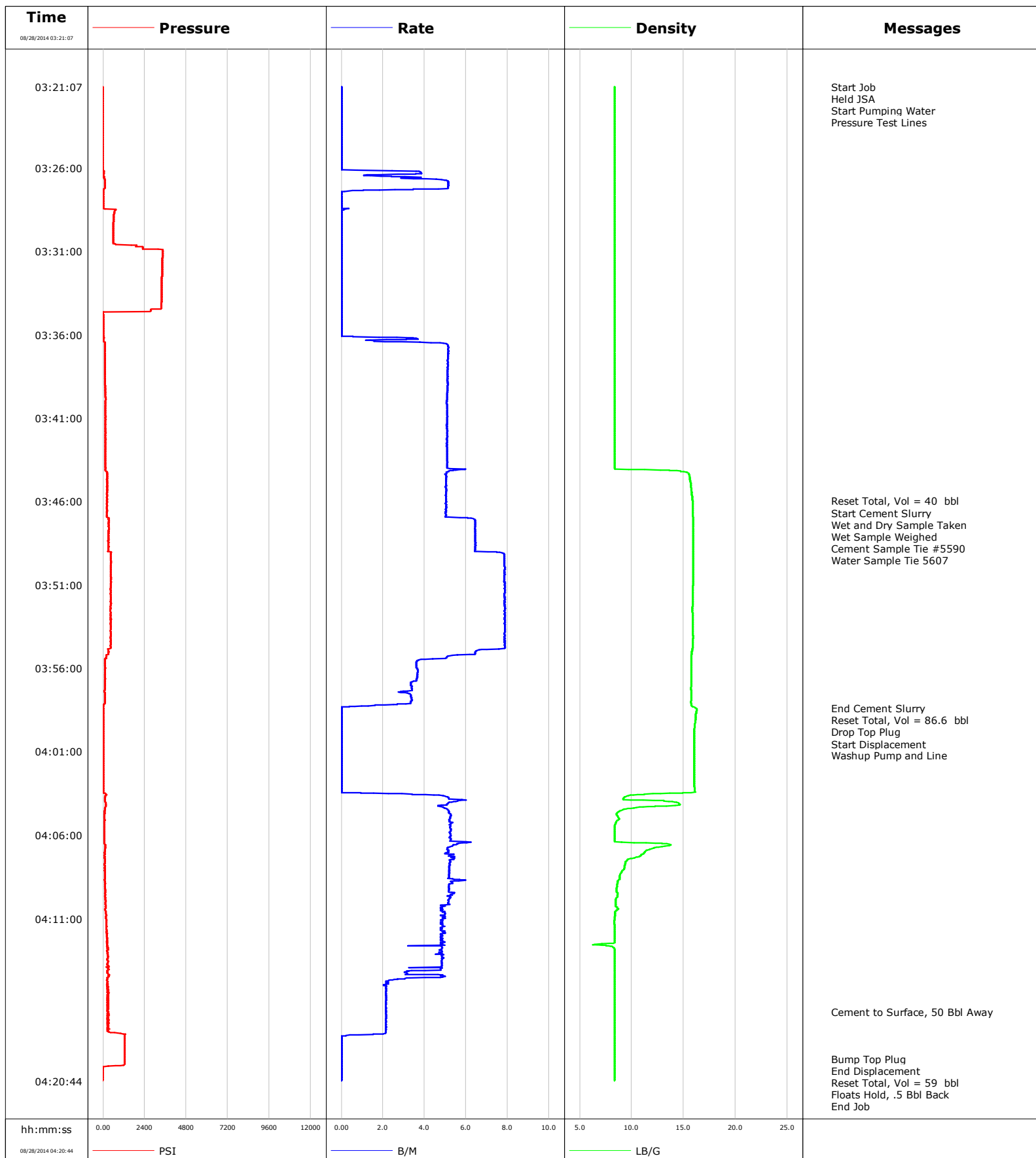


**Well** Nelson Farm #1  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Ken Sovereign  
**Country** United States

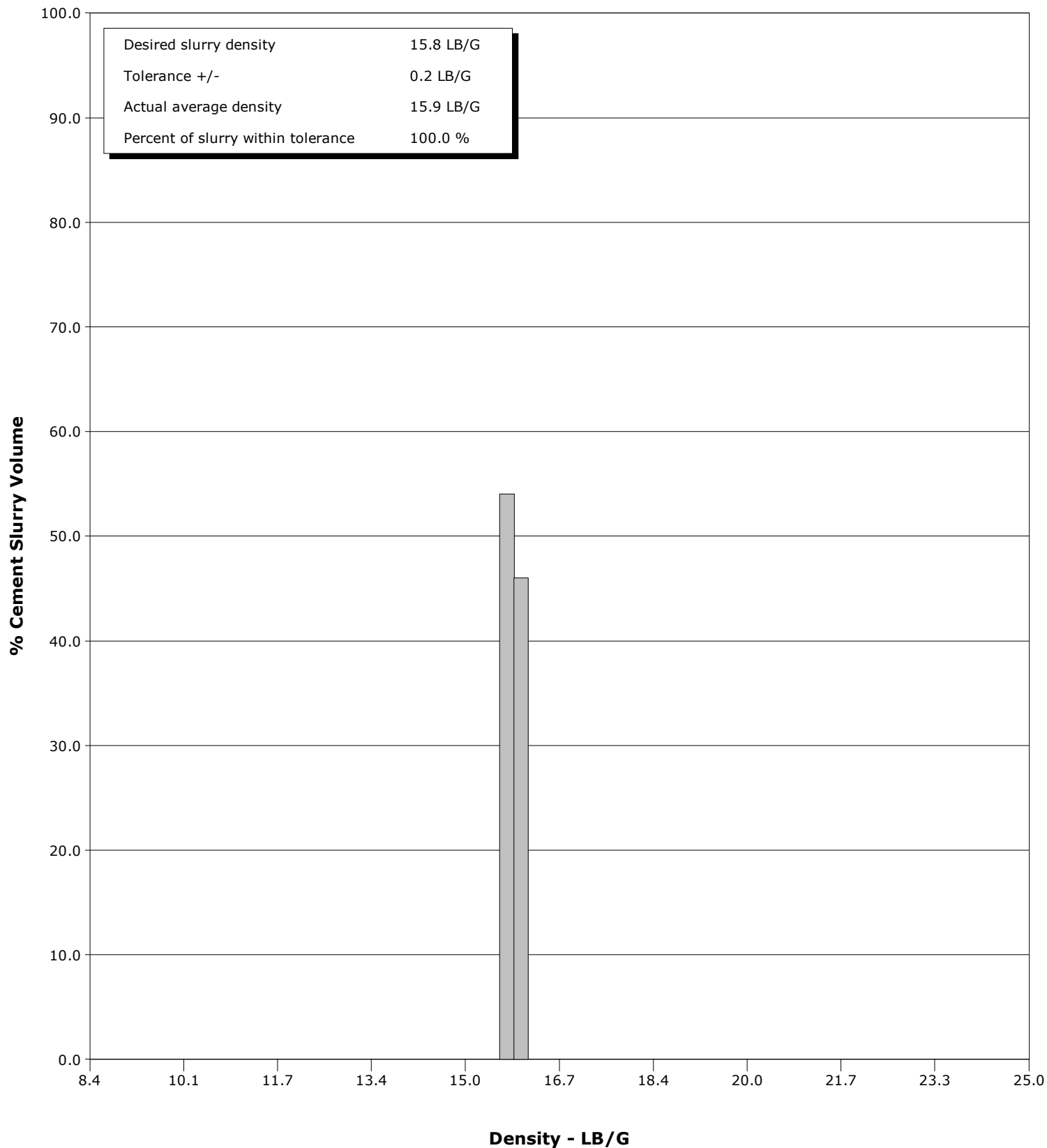
**Client** Extraction Oil Gas  
**SIR No.** C459-03056  
**Job Type** 9 5/8" Surface  
**Job Date** 08-28-2014



**Well** Nelson Farm #1  
**Field** Wattenberg  
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**Country** United States

**Client** Extraction Oil Gas  
**SIR No.** C459-03056  
**Job Type** 9 5/8" Surface  
**Job Date** 08-28-2014

**Cement Slurry - 08/28/2014 03:46:09 to 08/28/2014 03:58:22**



# Cementing Service Report

					Customer Extraction Oil & Gas			Job Number C459-03056	
Well Nelson Farm #1 0631575761			Location (legal) Cheyenne			Schlumberger Location Rock Springs		Job Start Aug/28/2014	
Field Wattenberg		Formation Name/Type		Deviation 0 deg		Bit Size 13.5 in		Well MD 814.3 ft	
County Weld		State/Province Colorado		BHP psi		BHST 89 degF		BHCT 81 degF	
Well Master 0631575761		API/UWI						Pore Press. Gradient lb/gal	
Rig Name Xtreme 7		Drilled For Oil		Service Via Land		Casing/Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
						Thread			
Offshore Zone		Well Class New		Well Type Development		814.3		9.6	
						0.0		0.0	
						0.0			
Drilling Fluid Type Bentonite		Max. Density 8.40 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 psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole			
						Top, ft		Bottom, ft	
						shot/ft		No. of Shots	
								Total Interval ft	
						ft		ft	
						ft		ft	
						ft		ft	
						Treat Down Casing		Displacement 59.5 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 59.5 bbl	
						Annular Vol. bbl		Openhole Vol. 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 psi						Shoe Type Guide		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 814.3 ft		Tool Type	
No. Centralizers 10		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 Aug/28/2014 01:00		Arrived on Location Aug/28/2014 01:00		Leave Location Aug/28/2014 05:30		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 770.3 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message		
08/28/2014	03:21:07	-1	0.0	8.35	0.0	0	Started Acquisition		
08/28/2014	03:21:08	-1	0.0	8.35	0.0	0	Start Job		
08/28/2014	03:21:10	-1	0.0	8.35	0.0	0	Held JSA		
08/28/2014	03:21:18	-1	0.0	8.35	0.0	0	Start Pumping Water		
08/28/2014	03:21:21	-1	0.0	8.35	0.0	0	Pressure Test Lines		
08/28/2014	03:21:37	-1	0.0	8.35	0.0	0			
08/28/2014	03:22:07	-1	0.0	8.35	0.0	0			
08/28/2014	03:22:37	-1	0.0	8.35	0.0	0			
08/28/2014	03:23:07	-1	0.0	8.35	0.0	0			
08/28/2014	03:23:37	-1	0.0	8.35	0.0	0			
08/28/2014	03:24:07	-1	0.0	8.35	0.0	0			
08/28/2014	03:24:37	-4	0.0	8.35	0.0	0			
08/28/2014	03:25:07	-4	0.0	8.35	0.0	0			
08/28/2014	03:25:37	-4	0.0	8.35	0.0	0			
08/28/2014	03:26:07	-4	0.0	8.35	0.0	0			
08/28/2014	03:26:37	68	3.1	8.34	1.3	0			
08/28/2014	03:27:07	96	5.1	8.35	3.7	0			
08/28/2014	03:27:37	9	0.0	8.35	4.9	0			
08/28/2014	03:28:07	6	0.0	8.35	4.9	0			
08/28/2014	03:28:37	660	0.0	8.35	4.9	0			
08/28/2014	03:29:07	603	0.0	8.35	4.9	0			

Well Nelson Farm #1 0631575761			Field Wattenberg		Job Start Aug/28/2014	Customer Extraction Oil & Gas		Job Number C459-03056
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/28/2014	03:30:07	589	0.0	8.35	4.9	0		
08/28/2014	03:30:37	761	0.0	8.35	4.9	0		
08/28/2014	03:31:07	3441	0.0	8.35	4.9	0		
08/28/2014	03:31:37	3422	0.0	8.35	4.9	0		
08/28/2014	03:32:07	3409	0.0	8.35	4.9	0		
08/28/2014	03:32:37	3398	0.0	8.35	4.9	0		
08/28/2014	03:33:07	3389	0.0	8.35	4.9	0		
08/28/2014	03:33:37	3379	0.0	8.35	4.9	0		
08/28/2014	03:34:07	3371	0.0	8.35	4.9	0		
08/28/2014	03:34:37	2718	0.0	8.35	4.9	0		
08/28/2014	03:35:07	7	0.0	8.35	4.9	0		
08/28/2014	03:35:37	6	0.0	8.35	4.9	0		
08/28/2014	03:36:07	19	0.6	8.35	4.9	0		
08/28/2014	03:36:37	95	5.1	8.34	6.4	0		
08/28/2014	03:37:07	96	5.1	8.35	9.0	0		
08/28/2014	03:37:37	98	5.1	8.35	11.5	0		
08/28/2014	03:38:07	99	5.1	8.35	14.1	0		
08/28/2014	03:38:37	106	5.1	8.35	16.7	0		
08/28/2014	03:39:07	115	5.1	8.35	19.2	0		
08/28/2014	03:39:37	150	5.1	8.35	21.8	0		
08/28/2014	03:40:07	136	5.1	8.35	24.3	0		
08/28/2014	03:40:37	142	5.1	8.35	26.9	0		
08/28/2014	03:41:07	127	5.1	8.35	29.4	0		
08/28/2014	03:41:37	139	5.1	8.35	31.9	0		
08/28/2014	03:42:07	150	5.1	8.35	34.5	0		
08/28/2014	03:42:37	125	5.1	8.35	37.0	0		
08/28/2014	03:43:07	129	5.1	8.35	39.6	0		
08/28/2014	03:43:37	122	5.1	8.34	42.1	0		
08/28/2014	03:44:07	133	5.5	12.81	44.7	17		
08/28/2014	03:44:37	247	5.0	15.59	47.3	23		
08/28/2014	03:45:07	218	5.0	15.71	49.8	28		
08/28/2014	03:45:37	233	5.0	15.80	52.3	33		
08/28/2014	03:45:58	253	5.0	15.86	54.1	35	Reset Total, Vol = 40 bbl	
08/28/2014	03:46:07	217	5.0	15.87	54.8	36		
08/28/2014	03:46:09	213	5.0	15.87	55.0	37	Start Cement Slurry	
08/28/2014	03:46:12	221	5.0	15.88	55.2	37	Wet and Dry Sample Taken	
08/28/2014	03:46:14	233	5.0	15.89	55.4	37	Wet Sample Weighed	
08/28/2014	03:46:30	231	5.0	15.90	56.8	39	Cement Sample Tie #5590	
08/28/2014	03:46:31	249	5.0	15.90	56.8	39	Water Sample Tie 5607	
08/28/2014	03:46:37	211	5.0	15.90	57.3	39		
08/28/2014	03:47:07	319	6.4	15.92	60.0	42		
08/28/2014	03:47:37	325	6.4	15.92	63.2	43		
08/28/2014	03:48:07	295	6.4	15.92	66.5	45		
08/28/2014	03:48:37	333	6.5	15.92	69.7	45		
08/28/2014	03:49:07	435	7.8	15.92	73.0	46		
08/28/2014	03:49:37	460	7.8	15.92	76.9	47		
08/28/2014	03:50:07	431	7.9	15.92	80.9	47		
08/28/2014	03:50:37	434	7.9	15.93	84.8	47		
08/28/2014	03:51:07	455	7.9	15.90	88.7	47		
08/28/2014	03:51:37	429	7.9	15.89	92.7	47		
08/28/2014	03:52:07	458	7.9	15.88	96.6	47		
08/28/2014	03:52:37	454	7.9	15.86	100.5	47		
08/28/2014	03:53:07	438	7.9	15.88	104.5	47		
08/28/2014	03:53:37	447	7.9	15.89	108.4	47		

Well Nelson Farm #1 0631575761			Field Wattenberg		Job Start Aug/28/2014	Customer Extraction Oil & Gas		Job Number C459-03056
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/28/2014	03:54:37	443	7.9	15.89	116.3	47		
08/28/2014	03:55:07	316	6.4	15.77	119.9	47		
08/28/2014	03:55:37	103	3.6	15.74	122.3	47		
08/28/2014	03:56:07	107	3.7	15.73	124.1	47		
08/28/2014	03:56:37	118	3.6	15.73	126.0	47		
08/28/2014	03:57:07	96	3.4	15.73	127.7	47		
08/28/2014	03:57:37	97	3.3	15.73	129.3	47		
08/28/2014	03:58:07	94	3.3	15.72	131.0	47		
08/28/2014	03:58:22	9	0.0	16.11	131.4	47	End Cement Slurry	
08/28/2014	03:58:26	6	0.0	16.25	131.4	0	Reset Total, Vol = 86.6 bbl	
08/28/2014	03:58:37	5	0.0	16.22	131.4	0		
08/28/2014	03:58:46	5	0.0	16.18	131.4	0	Drop Top Plug	
08/28/2014	03:58:48	5	0.0	16.17	131.4	0	Start Displacement	
08/28/2014	03:58:49	5	0.0	16.17	131.4	0	Washup Pump and Line	
08/28/2014	03:59:07	5	0.0	16.15	131.4	0		
08/28/2014	03:59:37	5	0.0	16.05	131.4	0		
08/28/2014	04:00:07	5	0.0	16.03	131.4	0		
08/28/2014	04:00:37	5	0.0	16.02	131.4	0		
08/28/2014	04:01:07	4	0.0	16.02	131.4	0		
08/28/2014	04:01:37	5	0.0	16.01	131.4	0		
08/28/2014	04:02:07	5	0.0	16.01	131.4	0		
08/28/2014	04:02:37	5	0.0	16.01	131.4	0		
08/28/2014	04:03:07	5	0.0	16.04	131.4	0		
08/28/2014	04:03:37	174	4.7	9.89	0.4	47		
08/28/2014	04:04:07	153	5.1	14.59	3.0	20		
08/28/2014	04:04:37	88	5.2	8.71	5.5	20		
08/28/2014	04:05:07	88	5.2	8.65	8.1	20		
08/28/2014	04:05:37	76	5.3	8.35	10.7	20		
08/28/2014	04:06:07	72	5.2	8.35	13.4	20		
08/28/2014	04:06:37	124	5.4	13.73	16.1	19		
08/28/2014	04:07:07	88	5.0	11.15	18.7	21		
08/28/2014	04:07:37	91	5.2	9.41	21.3	23		
08/28/2014	04:08:07	90	5.2	9.14	23.9	8		
08/28/2014	04:08:37	97	5.3	8.83	26.5	15		
08/28/2014	04:09:07	123	5.2	8.58	29.2	31		
08/28/2014	04:09:37	117	5.3	8.63	31.8	6		
08/28/2014	04:10:07	141	5.2	8.43	34.4	20		
08/28/2014	04:10:37	169	4.9	8.43	36.9	10		
08/28/2014	04:11:07	181	4.9	8.33	39.3	15		
08/28/2014	04:11:37	200	4.8	8.34	41.8	15		
08/28/2014	04:12:07	208	4.8	8.34	44.2	0		
08/28/2014	04:12:37	249	4.8	7.53	46.6	0		
08/28/2014	04:13:07	233	4.8	8.35	49.0	0		
08/28/2014	04:13:37	292	4.8	8.35	51.4	0		
08/28/2014	04:14:07	255	4.0	8.35	53.8	0		
08/28/2014	04:14:37	279	3.1	8.34	55.7	0		
08/28/2014	04:15:07	234	2.1	8.34	56.8	0		
08/28/2014	04:15:37	262	2.1	8.34	57.9	0		
08/28/2014	04:16:07	306	2.2	8.34	59.0	0		
08/28/2014	04:16:35	245	2.2	8.34	60.0	0	Cement to Surface, 50 Bbl Away	
08/28/2014	04:16:37	327	2.1	8.34	60.0	0		
08/28/2014	04:17:07	280	2.1	8.34	61.1	0		
08/28/2014	04:17:37	344	2.2	8.34	62.2	0		
08/28/2014	04:18:07	1241	0.0	8.35	62.9	0		

Well Nelson Farm #1 0631575761			Field Wattenberg		Job Start Aug/28/2014	Customer Extraction Oil & Gas		Job Number C459-03056
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message	
08/28/2014	04:19:07	1236	0.0	8.34	62.9	0		
08/28/2014	04:19:24	1236	0.0	8.34	62.9	0	Bump Top Plug	
08/28/2014	04:19:25	1236	0.0	8.35	62.9	0	End Displacement	
08/28/2014	04:19:33	1236	0.0	8.35	62.9	0	Reset Total, Vol = 59 bbl	
08/28/2014	04:19:37	1235	0.0	8.35	62.9	0		
08/28/2014	04:20:07	-5	0.0	8.34	62.9	0		
08/28/2014	04:20:08	-5	0.0	8.35	62.9	0	Floats Hold, .5 Bbl Back	
08/28/2014	04:20:37	-5	0.0	8.35	62.9	0		

## Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 5.1	N2	Mud	Maximum Rate 7.9	Total Slurry 86.6	Mud 0.0	Spacer 0.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3462	Final -5	Average 466	Bump Plug to 1249	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 87.8 bbl	Displacement 59.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 9.0 bbl			
Customer or Authorized Representative Brandon Patch		Schlumberger Supervisor Ryan Drilling/Ken Sovereign			Washed Thru Perfs <input type="checkbox"/>	To ft		
					Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		