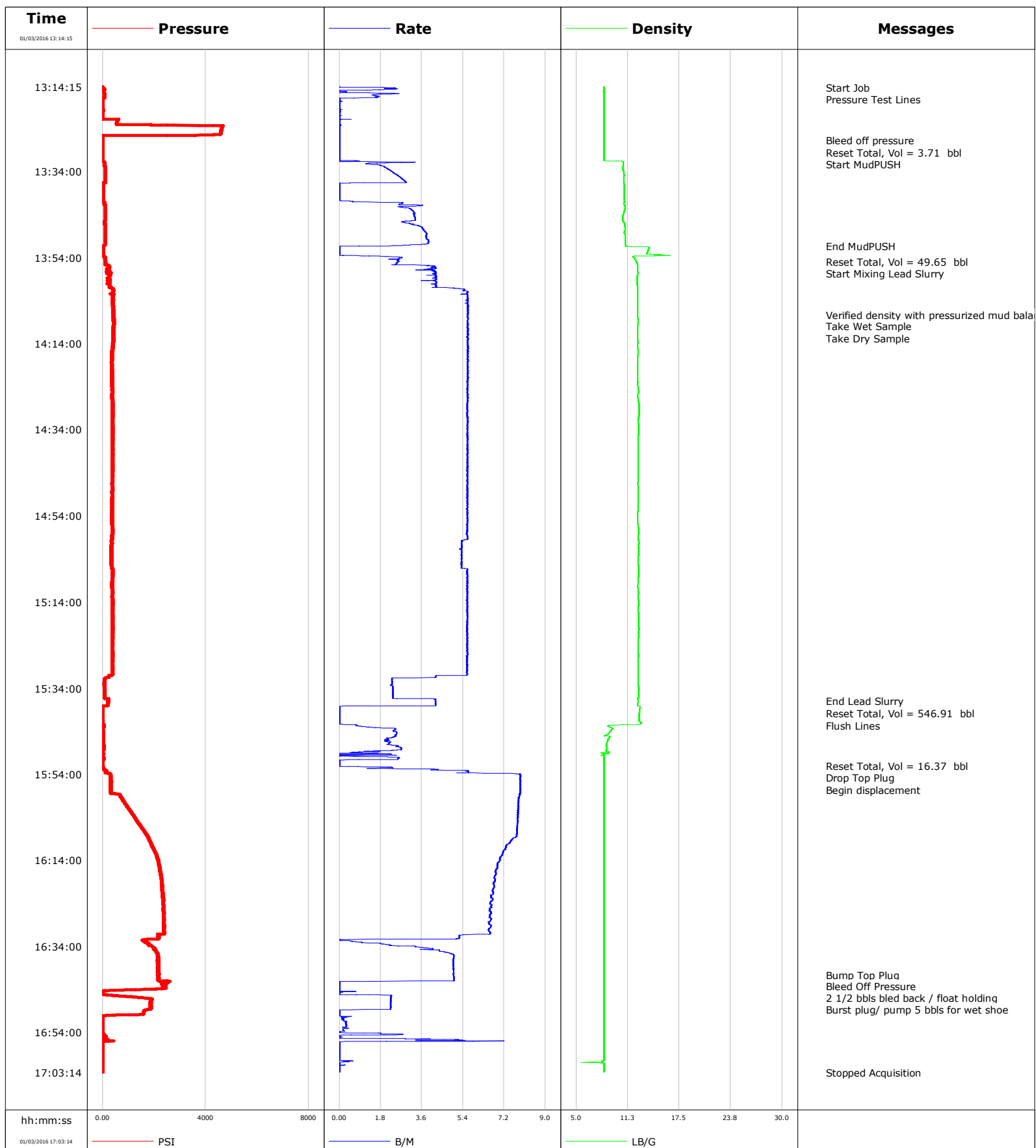


**Well** Fairview 8  
**Field** Wattenberg  
**Engineer** David Gilbert  
**Country** US

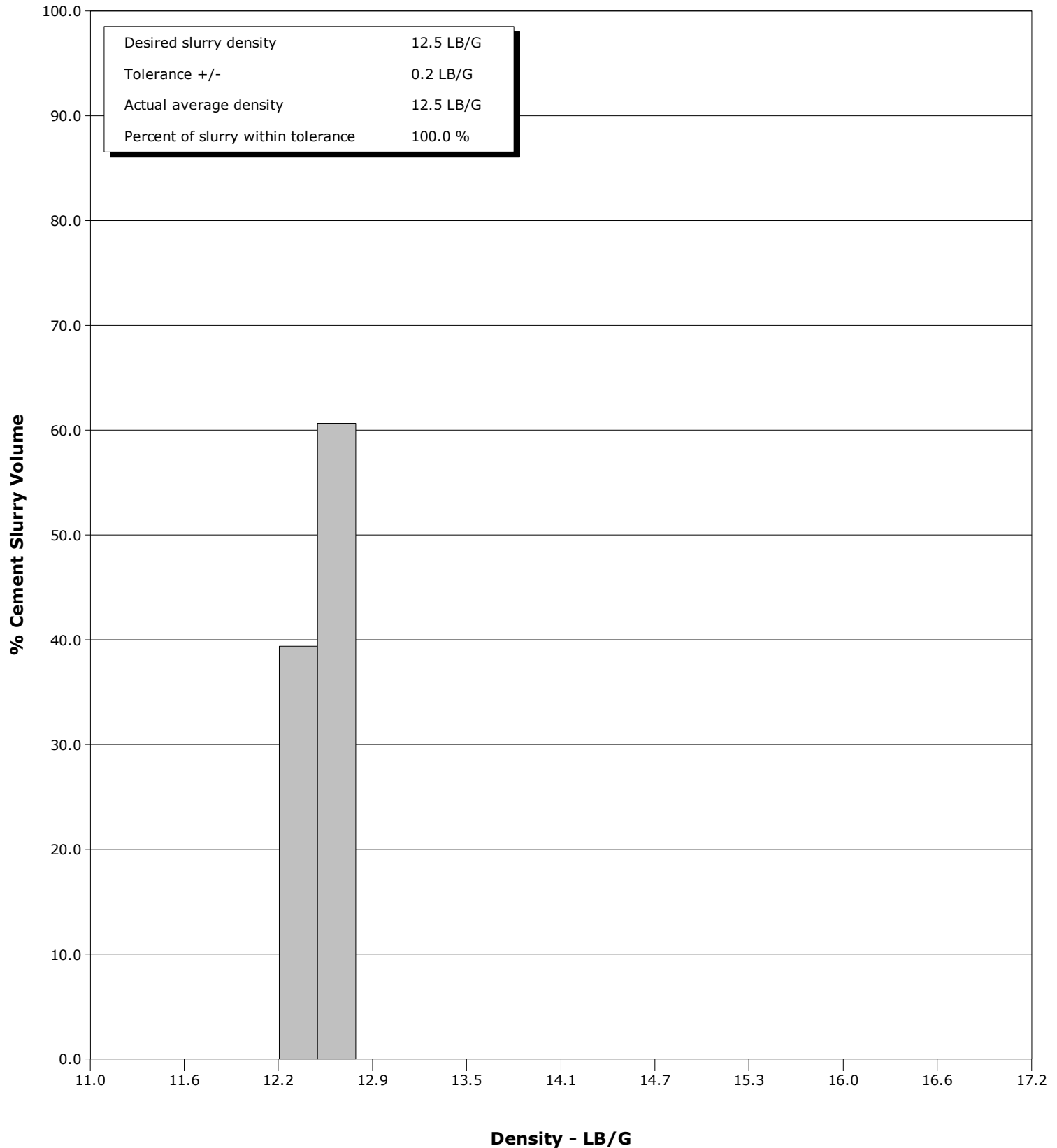
**Client** Extraction Oil Gas LLC  
**SIR No.** CWJN-01598  
**Job Type** 5 1/2" Monobore Production  
**Job Date** 1/3/2016



**Well** Fairview 8  
**Field** Wattenberg  
**Engineer** David Gilbert  
**Country** US

**Client** Extraction Oil Gas LLC  
**SIR No.** CWJN-01598  
**Job Type** 5 1/2" Monobore Production  
**Job Date** 1/3/2016

Cement Slurry - 01/03/2016 13:56:03 to 01/03/2016 15:36:00



# Cementing Service Report

				<b>Customer</b> Extraction Oil & Gas LLC				<b>Job Number</b> CWJN-01598					
<b>Well</b> Fairview 8 8			<b>Location (legal)</b>			<b>Schlumberger Location</b> Cheyenne, WY			<b>Job Start</b> Jan/03/2016				
<b>Field</b> Wattenberg		<b>Formation Name/Type</b> Shale		<b>Deviation</b> 0 deg		<b>Bit Size</b> 7.9 in		<b>Well MD</b> 14410.0 ft		<b>Well TVD</b> 6950.0 ft			
<b>County</b> Weld		<b>State/Province</b> Colorado		<b>BHP</b> psi		<b>BHST</b> 204 degF		<b>BHCT</b> 204 degF		<b>Pore Press. Gradient</b> lb/gal			
<b>Well Master</b> 0631637462		<b>API/UWI</b> 05123415250000											
<b>Rig Name</b> Savanna Drilling #802		<b>Drilled For</b> Oil & Gas		<b>Service Via</b> Land		<b>Casing/Liner</b>							
<b>Offshore Zone</b>		<b>Well Class</b> New		<b>Well Type</b> Exploration		<b>Depth, ft</b> 14410.0		<b>Size, in</b> 5.5		<b>Weight, lb/ft</b> 20.0			
						<b>Grade</b> P110		<b>Thread</b> BUTT					
<b>Drilling Fluid Type</b>		<b>Max. Density</b> lb/gal		<b>Plastic Viscosity</b> cP		<b>Tubing/Drill Pipe</b>							
						<b>T/D</b>		<b>Depth, ft</b>		<b>Size, in</b>		<b>Weight, lb/ft</b>	
<b>Service Line</b> Cementing		<b>Job Type</b> 5 1/2" Monobore Production											
<b>Max. Allowed Tub. Press</b> psi		<b>Max. Allowed Ann. Press</b> psi		<b>WH Connection</b> Single Cement head		<b>Perforations/Open Hole</b>							
<b>Service Instructions</b>				<b>Top, ft</b>		<b>Bottom, ft</b>		<b>shot/ft</b>		<b>No. of Shots</b>			
				<b>Total Interval</b> ft									
				<b>ft</b>		<b>ft</b>							
				<b>ft</b>		<b>ft</b>							
				<b>Treat Down</b> Casing		<b>Displacement</b> 320.0 bbl		<b>Packer Type</b>		<b>Packer Depth</b> ft			
				<b>Tubing Vol.</b> bbl		<b>Casing Vol.</b> 320.0 bbl		<b>Annular Vol.</b> bbl		<b>Openhole Vol.</b> bbl			
<b>Casing/Tubing Secured</b> <input type="checkbox"/>		<b>1 Hole Vol. Circulated prior to Cement</b> <input type="checkbox"/>		<b>Casing Tools</b>				<b>Squeeze Job</b>					
<b>Lift Pressure</b> psi				<b>Shoe Type</b> Float				<b>Squeeze Type</b>					
<b>Pipe Rotated</b> <input type="checkbox"/>		<b>Pipe Reciprocated</b> <input type="checkbox"/>		<b>Shoe Depth</b> 14410.0 ft				<b>Tool Type</b>					
<b>No. Centralizers</b>		<b>Top Plugs</b>		<b>Bottom Plugs</b>		<b>Stage Tool Type</b>				<b>Tool Depth</b> ft			
<b>Cement Head Type</b> Single				<b>Stage Tool Depth</b> ft				<b>Tail Pipe Size</b> in					
<b>Job Scheduled For</b> Jan/03/2016		<b>Arrived on Location</b> Jan/03/2016		<b>Leave Location</b> Jan/03/2016		<b>Collar Type</b> Float				<b>Tail Pipe Depth</b> ft			
						<b>Collar Depth</b> 14407.0 ft				<b>Sqz. Total Vol.</b> bbl			
<b>Date</b>	<b>Time 24-hr clock</b>	<b>Treating Pressure PSI</b>	<b>Flow Rate B/M</b>	<b>Density LB/G</b>	<b>Volume BBL</b>	<b>Message</b>							
01/03/2016	13:14:15	-5	0.0	8.37	0.0	Started Acquisition							
01/03/2016	13:14:27	0	1.9	8.33	0.0	Start Job							
01/03/2016	13:15:45	53	1.6	8.36	1.6								
01/03/2016	13:17:11	5	0.0	8.36	3.6	Pressure Test Lines							
01/03/2016	13:17:15	5	0.0	8.36	3.6								
01/03/2016	13:18:45	4	0.0	8.36	3.6								
01/03/2016	13:20:15	12	0.0	8.36	3.7								
01/03/2016	13:21:45	5	0.0	8.36	3.7								
01/03/2016	13:23:15	2490	0.0	8.36	3.7								
01/03/2016	13:24:45	4591	0.0	8.36	3.7								
01/03/2016	13:26:15	11	0.0	8.36	3.7								
01/03/2016	13:26:47	9	0.0	8.36	3.7	Bleed off pressure							
01/03/2016	13:26:49	8	0.0	8.36	3.7	Reset Total, Vol = 3.71 bbl							
01/03/2016	13:27:45	8	0.0	8.36	3.7								
01/03/2016	13:29:15	6	0.0	8.36	3.7								
01/03/2016	13:30:45	6	0.0	8.36	3.7								
01/03/2016	13:30:47	6	0.0	8.36	3.7	Start MudPUSH							
01/03/2016	13:32:15	81	1.2	10.71	5.0								
01/03/2016	13:33:45	109	2.2	10.68	7.9								
01/03/2016	13:35:15	111	2.6	10.79	11.5								
01/03/2016	13:36:45	30	0.0	10.77	15.4								

Well			Field	Job Start		Customer	Job Number	
Fairview 8 8			Wattenberg		Jan/03/2016		Extraction Oil & Gas LLC	CWJN-01598
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/03/2016	13:39:45	29	0.0	10.84	15.4			
01/03/2016	13:41:15	76	2.8	10.77	15.9			
01/03/2016	13:42:45	109	3.1	10.90	20.3			
01/03/2016	13:44:15	107	3.3	10.67	25.1			
01/03/2016	13:45:45	86	2.8	10.78	29.9			
01/03/2016	13:47:15	107	3.6	10.97	34.9			
01/03/2016	13:48:45	108	3.8	10.94	40.5			
01/03/2016	13:50:15	113	3.9	10.93	46.3			
01/03/2016	13:51:11	72	2.6	10.98	49.7	End MudPUSH		
01/03/2016	13:51:45	29	0.0	13.80	50.0			
01/03/2016	13:53:15	29	0.0	14.71	50.0			
01/03/2016	13:54:45	111	2.5	12.25	52.9			
01/03/2016	13:54:55	112	2.6	12.31	53.3	Reset Total, Vol = 49.65 bbl		
01/03/2016	13:54:58	113	2.6	12.33	53.4	Start Mixing Lead Slurry		
01/03/2016	13:56:15	226	4.2	12.45	58.0			
01/03/2016	13:57:45	254	4.2	12.48	64.1			
01/03/2016	13:59:15	266	4.2	12.38	70.4			
01/03/2016	14:00:45	286	4.2	12.43	76.7			
01/03/2016	14:02:15	399	5.6	12.44	84.5			
01/03/2016	14:03:45	398	5.6	12.42	92.9			
01/03/2016	14:05:15	405	5.6	12.45	101.3			
01/03/2016	14:06:45	418	5.6	12.43	109.7			
01/03/2016	14:07:13	414	5.6	12.43	112.3	Verified density with pressurized mud balance		
01/03/2016	14:07:14	409	5.6	12.43	112.4	Take Wet Sample		
01/03/2016	14:08:15	440	5.6	12.49	118.1			
01/03/2016	14:09:45	436	5.6	12.47	126.5			
01/03/2016	14:10:14	439	5.6	12.47	129.2	Take Dry Sample		
01/03/2016	14:11:15	416	5.6	12.47	134.9			
01/03/2016	14:12:45	410	5.6	12.47	143.3			
01/03/2016	14:14:15	416	5.6	12.47	151.7			
01/03/2016	14:15:45	387	5.6	12.49	160.2			
01/03/2016	14:17:15	364	5.6	12.46	168.6			
01/03/2016	14:18:45	348	5.6	12.44	177.0			
01/03/2016	14:20:15	360	5.6	12.43	185.4			
01/03/2016	14:21:45	364	5.6	12.46	193.8			
01/03/2016	14:23:15	373	5.6	12.47	202.2			
01/03/2016	14:24:45	383	5.6	12.54	210.6			
01/03/2016	14:26:15	380	5.6	12.47	219.0			
01/03/2016	14:27:45	397	5.6	12.59	227.4			
01/03/2016	14:29:15	398	5.6	12.61	235.8			
01/03/2016	14:30:45	397	5.6	12.60	244.1			
01/03/2016	14:32:15	387	5.6	12.53	252.5			
01/03/2016	14:33:45	390	5.6	12.59	260.9			
01/03/2016	14:35:15	374	5.6	12.54	269.3			
01/03/2016	14:36:45	379	5.6	12.52	277.7			
01/03/2016	14:38:15	377	5.6	12.52	286.1			
01/03/2016	14:39:45	394	5.6	12.52	294.5			
01/03/2016	14:41:15	389	5.6	12.49	302.9			
01/03/2016	14:42:45	393	5.6	12.52	311.3			
01/03/2016	14:44:15	381	5.6	12.52	319.7			
01/03/2016	14:45:45	371	5.6	12.49	328.0			
01/03/2016	14:47:15	377	5.6	12.51	336.4			
01/03/2016	14:48:45	378	5.6	12.51	344.8			
01/03/2016	14:50:15	377	5.6	12.50	353.2			

Well			Field	Job Start		Customer	Job Number
Fairview 8 8			Wattenberg	Jan/03/2016		Extraction Oil & Gas LLC	CWJN-01598
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/03/2016	14:53:15	369	5.6	12.46	370.0		
01/03/2016	14:54:45	375	5.6	12.46	378.3		
01/03/2016	14:56:15	379	5.6	12.52	386.7		
01/03/2016	14:57:45	381	5.6	12.57	395.1		
01/03/2016	14:59:15	373	5.6	12.53	403.5		
01/03/2016	15:00:45	344	5.4	12.53	411.6		
01/03/2016	15:02:15	350	5.3	12.56	419.6		
01/03/2016	15:03:45	346	5.3	12.51	427.6		
01/03/2016	15:05:15	354	5.3	12.52	435.6		
01/03/2016	15:06:45	383	5.6	12.59	443.7		
01/03/2016	15:08:15	381	5.6	12.53	452.1		
01/03/2016	15:09:45	376	5.6	12.48	460.4		
01/03/2016	15:11:15	383	5.6	12.51	468.8		
01/03/2016	15:12:45	382	5.6	12.49	477.2		
01/03/2016	15:14:15	397	5.6	12.57	485.6		
01/03/2016	15:15:45	385	5.6	12.53	494.0		
01/03/2016	15:17:15	393	5.6	12.55	502.3		
01/03/2016	15:18:45	386	5.6	12.55	510.6		
01/03/2016	15:20:15	380	5.6	12.60	519.1		
01/03/2016	15:21:45	381	5.6	12.56	527.5		
01/03/2016	15:23:15	382	5.6	12.52	535.8		
01/03/2016	15:24:45	385	5.6	12.52	544.2		
01/03/2016	15:26:15	376	5.6	12.54	552.6		
01/03/2016	15:27:45	383	5.6	12.53	561.0		
01/03/2016	15:29:15	372	5.6	12.51	569.3		
01/03/2016	15:30:45	388	5.6	12.51	577.7		
01/03/2016	15:32:15	81	2.3	12.52	583.3		
01/03/2016	15:33:45	84	2.3	12.54	586.7		
01/03/2016	15:35:15	83	2.3	12.59	590.2		
01/03/2016	15:36:45	213	4.2	12.52	594.3		
01/03/2016	15:37:00	213	4.2	12.50	595.3	End Lead Slurry	
01/03/2016	15:38:15	-37	0.0	12.72	600.3		
01/03/2016	15:38:43	-17	0.0	12.71	600.3	Reset Total, Vol = 546.91 bbl	
01/03/2016	15:39:45	-3	0.0	12.66	600.3		
01/03/2016	15:41:15	0	0.0	12.61	600.3		
01/03/2016	15:42:41	52	0.7	8.98	600.4	Flush Lines	
01/03/2016	15:42:45	53	0.8	8.84	600.5		
01/03/2016	15:44:15	18	2.5	9.05	603.4		
01/03/2016	15:45:45	25	2.1	8.90	607.0		
01/03/2016	15:47:15	41	2.3	8.64	610.2		
01/03/2016	15:48:45	-10	1.5	8.72	613.9		
01/03/2016	15:50:15	44	2.6	8.37	615.6		
01/03/2016	15:51:45	-4	0.0	8.37	616.6		
01/03/2016	15:52:04	-3	0.0	8.37	616.6	Reset Total, Vol = 16.37 bbl	
01/03/2016	15:53:15	156	5.6	8.38	619.8		
01/03/2016	15:53:17	151	5.6	8.37	620.0	Drop Top Plug	
01/03/2016	15:53:38	150	5.6	8.37	622.0	Begin displacement	
01/03/2016	15:54:45	312	7.9	8.37	630.3		
01/03/2016	15:56:15	316	7.9	8.37	642.2		
01/03/2016	15:57:45	322	7.9	8.37	654.0		
01/03/2016	15:59:15	713	7.8	8.37	665.9		
01/03/2016	16:00:45	854	7.8	8.37	677.6		
01/03/2016	16:02:15	1040	7.8	8.38	689.3		
01/03/2016	16:03:45	1221	7.8	8.37	701.0		

Well			Field	Job Start	Customer	Job Number
Fairview 8 8			Wattenberg	Jan/03/2016	Extraction Oil & Gas LLC	CWJN-01598
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
01/03/2016	16:06:45	1543	7.8	8.38	724.3	
01/03/2016	16:08:15	1717	7.7	8.38	735.9	
01/03/2016	16:09:45	1857	7.5	8.37	747.3	
01/03/2016	16:11:15	1968	7.3	8.38	758.3	
01/03/2016	16:12:45	2089	7.1	8.38	769.1	
01/03/2016	16:14:15	2167	7.0	8.37	779.6	
01/03/2016	16:15:45	2217	6.9	8.38	790.0	
01/03/2016	16:17:15	2258	6.8	8.38	800.2	
01/03/2016	16:18:45	2289	6.8	8.38	810.4	
01/03/2016	16:20:15	2314	6.7	8.38	820.5	
01/03/2016	16:21:45	2342	6.7	8.38	830.6	
01/03/2016	16:23:15	2350	6.7	8.38	840.6	
01/03/2016	16:24:45	2357	6.6	8.38	850.5	
01/03/2016	16:26:15	2372	6.6	8.38	860.4	
01/03/2016	16:27:45	2384	6.6	8.38	870.3	
01/03/2016	16:29:15	2380	6.6	8.38	880.2	
01/03/2016	16:30:45	2381	6.6	8.38	890.0	
01/03/2016	16:32:15	2198	5.1	8.38	898.6	
01/03/2016	16:33:45	1815	2.2	8.38	900.6	
01/03/2016	16:35:15	2080	4.6	8.38	906.2	
01/03/2016	16:36:45	2159	5.0	8.38	913.5	
01/03/2016	16:38:15	2127	5.0	8.38	921.0	
01/03/2016	16:40:37	2154	5.0	8.38	932.8	Bump Top Plug
01/03/2016	16:41:15	2148	5.0	8.38	935.9	
01/03/2016	16:42:45	2468	0.0	8.38	940.3	
01/03/2016	16:43:12	2389	0.0	8.38	940.3	Bleed Off Pressure
01/03/2016	16:43:49	2280	0.0	8.38	940.3	2 1/2 bbls bled back / float holding
01/03/2016	16:44:15	290	0.0	8.38	940.3	
01/03/2016	16:44:34	23	0.3	8.38	940.3	Burst plug/ pump 5 bbls for wet shoe
01/03/2016	16:45:45	1150	2.2	8.38	941.4	
01/03/2016	16:47:15	1856	2.2	8.38	944.8	
01/03/2016	16:48:45	1722	0.2	8.38	948.1	
01/03/2016	16:50:15	4	0.2	8.38	948.1	
01/03/2016	16:51:45	3	0.3	8.38	948.4	
01/03/2016	16:53:15	2	0.2	8.38	948.9	
01/03/2016	16:54:45	11	0.0	8.38	950.0	
01/03/2016	16:56:15	4	0.0	8.38	953.1	
01/03/2016	16:57:45	1	0.0	8.38	953.1	
01/03/2016	16:59:15	2	0.0	8.38	953.1	
01/03/2016	17:00:45	0	0.2	8.27	953.2	
01/03/2016	17:02:15	-0	0.0	8.38	953.2	

<b>Well</b> Fairview 8 8	<b>Field</b> Wattenberg	<b>Job Start</b> Jan/03/2016	<b>Customer</b> Extraction Oil & Gas LLC	<b>Job Number</b> CWJN-01598
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry 533.0	Mud	Spacer 50.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 4500	Final 0	Average	Bump Plug to	Breakdown	Type		Volume bbl	Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 533.0 bbl		Displacement 320.0 bbl		Mix Water Temp 68 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 40.0 bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Shawn McIntire				Schlumberger Supervisor David Gilbert				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
								-		-