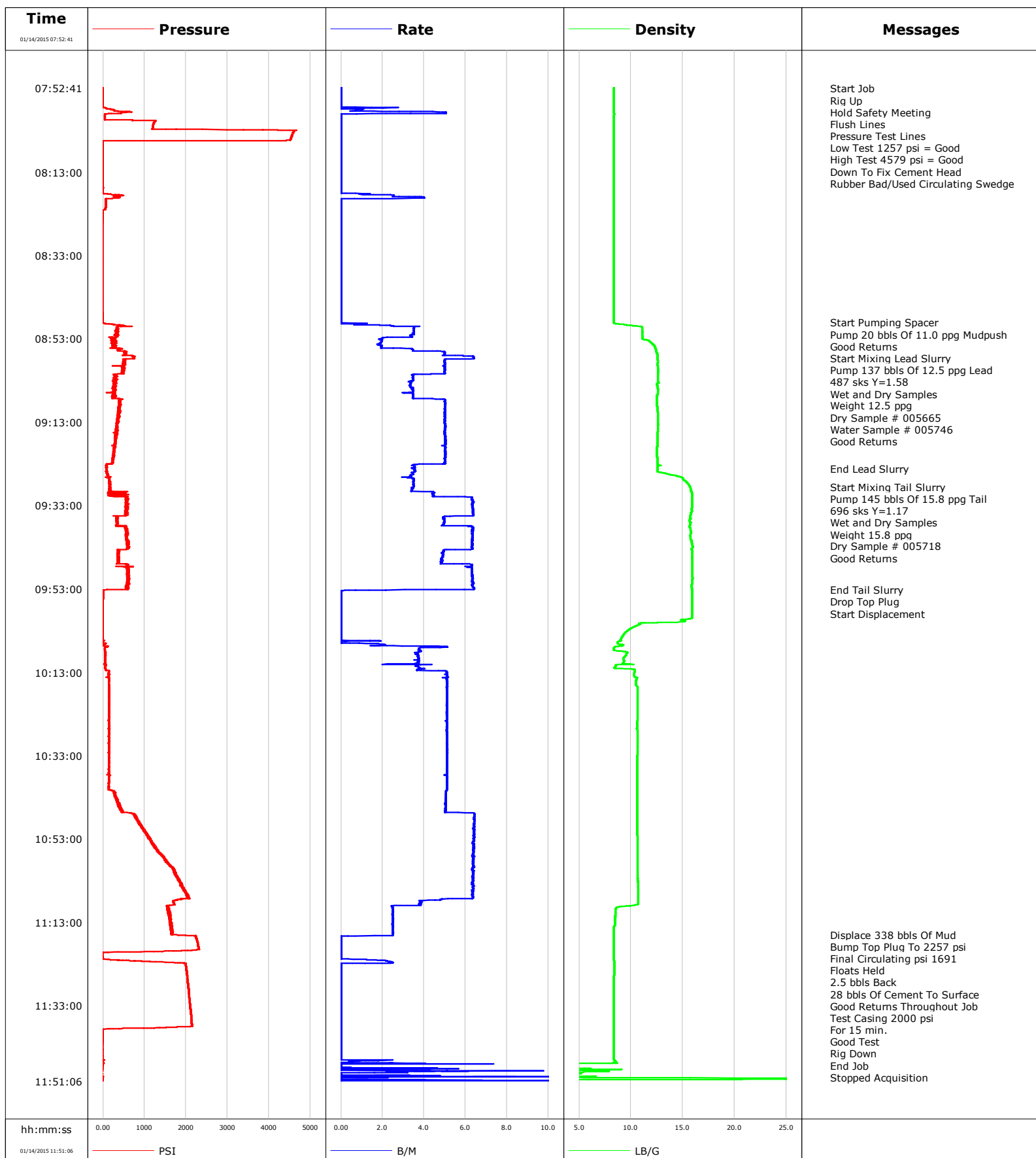


**Well** GP JEVANS 2-19-19  
**Field** Wattenberg  
**Engineer** Justin Zika  
**Country** United States

**Client** Extraction Oil Gas  
**SIR No.**  
**Job Type** Intermediate  
**Job Date** 01-14-2015

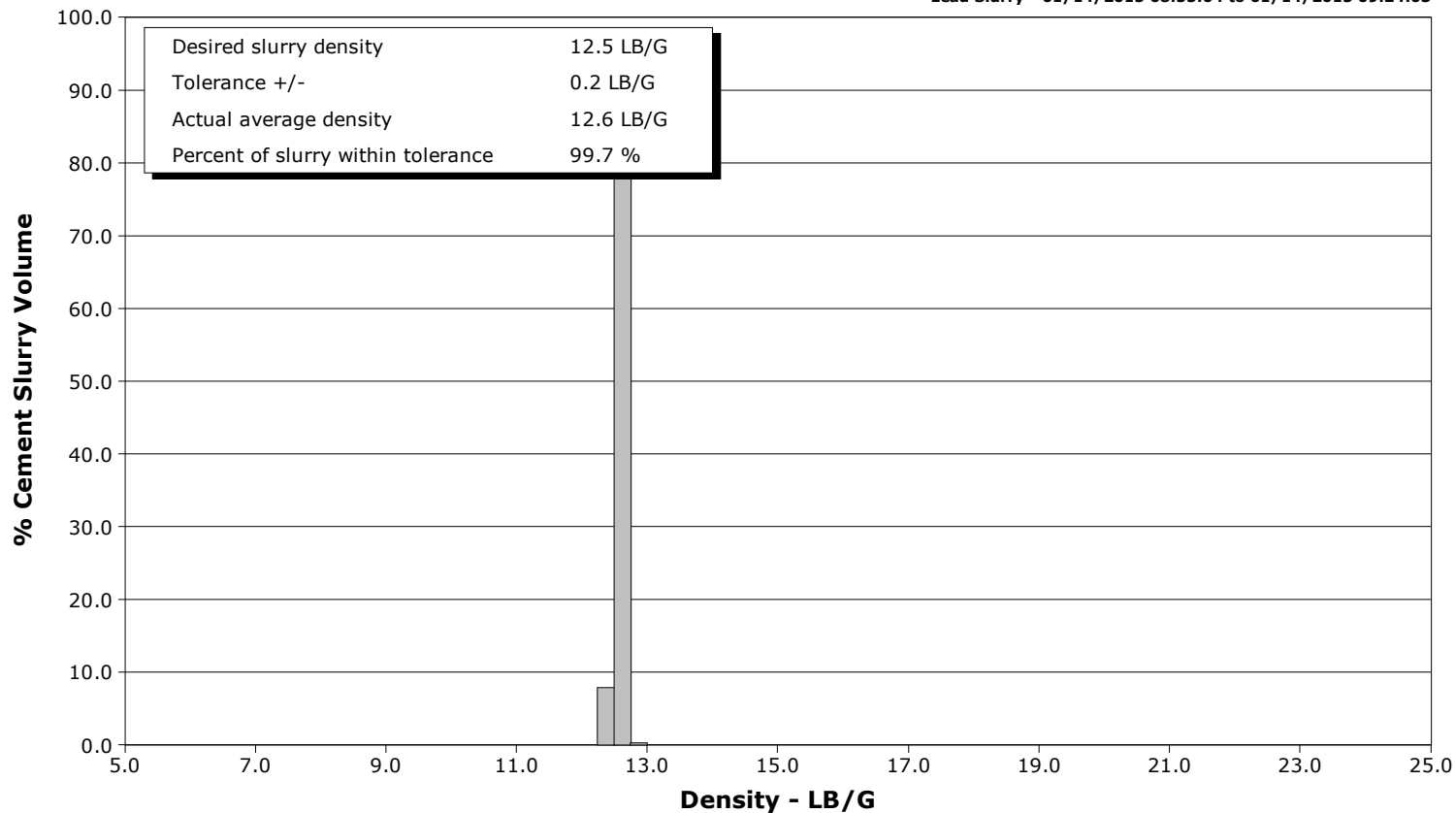


# Schlumberger Cementing Qa/Qc Density Report

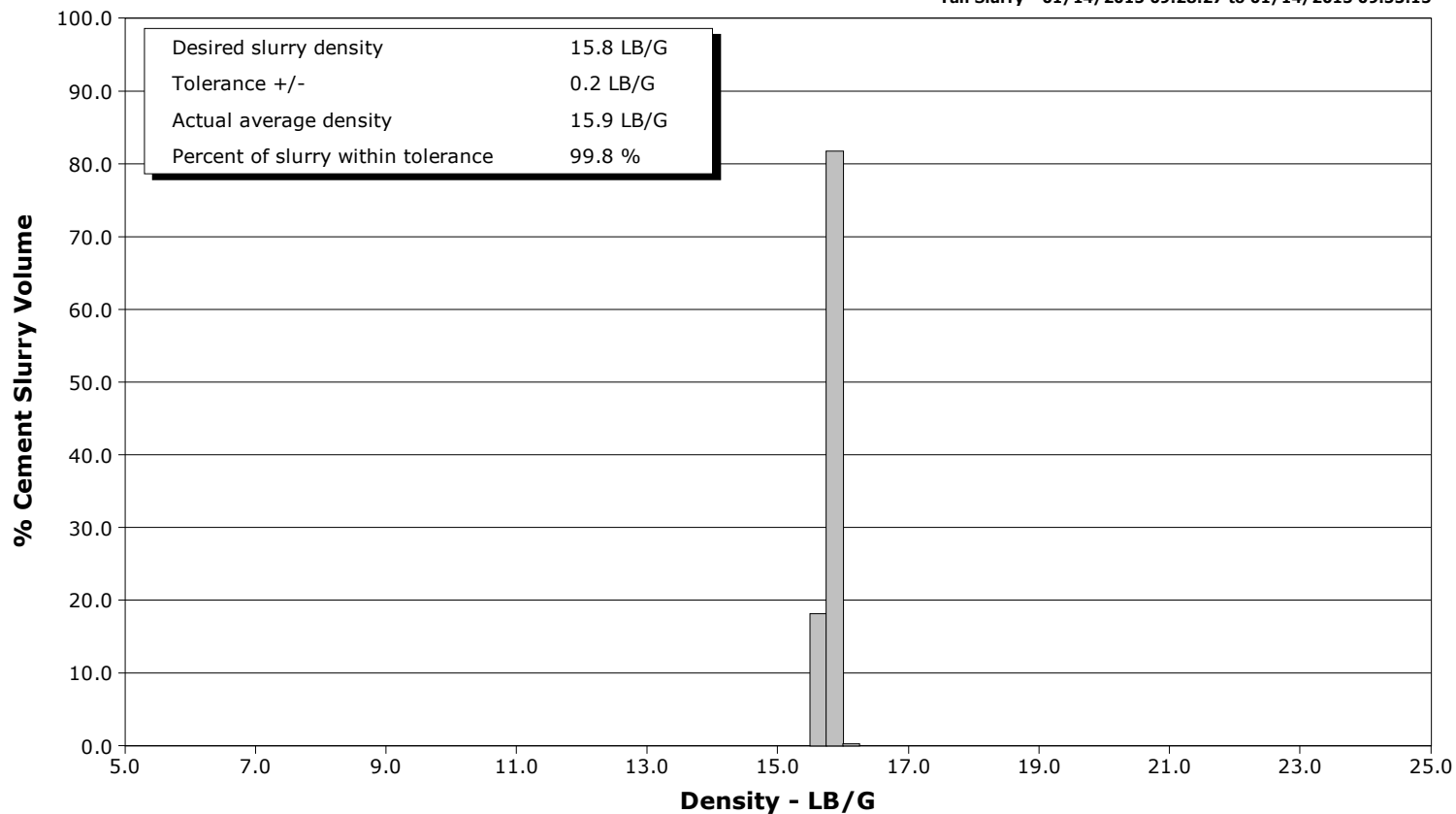
**Well** GP JEVANS 2-19-19  
**Field** Wattenberg  
**Engineer** Justin Zika  
**Country** United States

**Client** Extraction Oil Gas  
**SIR No.**  
**Job Type** Intermediate  
**Job Date** 01-14-2015

**Lead Slurry - 01/14/2015 08:55:04 to 01/14/2015 09:24:03**



**Tail Slurry - 01/14/2015 09:28:27 to 01/14/2015 09:53:15**





# Cementing Service Report

				Customer Extraction Oil & Gas			Job Number 2078294								
Well GP JEVANS 2-19-19 2-19-19			Location (legal) Cheyenne,Wy			Schlumberger Location Cheyenne, WY		Job Start Jan/14/2015							
Field Wattenberg		Formation Name/Type Shale		Deviation		Bit Size 8.8 in		Well MD 8873.0 ft		Well TVD					
County Weld		State/Province Colorado		BHP		BHST 204 degF		BHCT 169 degF		Pore Press. Gradient					
Well Master 0631590108		API/UWI 05-123-40310													
Rig Name H&P 319		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		8868.0		7.000		26.0		110		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 Intermediate													
Max. Allowed Tub. Press 4500 psi		Max. Allowed Ann. Press		WH Connection Single Cement head		Perforations/Open Hole									
						Top,		Bottom,				No. of Shots		Total Interval	
Service Instructions Rig Up Hold Safety Meeting Flush Lines Pressure Test Lines Pump 20 bbls Of 11.0 ppg Mudpush Pump 137 bbls Of 12.5 ppg Lead Pump 145 bbls Of 15.8 ppg Tail Shut Down Drop Top Plug/Displace														Diameter	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools				Squeeze Job							
Lift Pressure 5991 psi		Shoe Type Float				Squeeze Type									
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 8868.0 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 Jan/14/2015 01:00		Arrived on Location Jan/14/2015 01:00		Leave Location Jan/14/2015 13:00		Collar Type Float				Tail Pipe Depth					
						Collar Depth 8825.0 ft				Sqz. Total Vol.					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
01/01/1970	00:00:00					Started Acquisition									
01/01/1970	00:00:00					Stopped Acquisition									
01/14/2015	06:52:47					Started Acquisition									
01/14/2015	07:52:41	-6	0.0	8.36	0.0										
01/14/2015	07:52:54					Start Job									
01/14/2015	07:52:54	-6	0.0	8.36	0.0										
01/14/2015	07:52:55					Rig Up									
01/14/2015	07:52:55					Hold Safety Meeting									
01/14/2015	07:52:55					Flush Lines									
01/14/2015	07:52:55	-6	0.0	8.36	0.0										
01/14/2015	07:52:58					Pressure Test Lines									
01/14/2015	07:52:58	-6	0.0	8.36	0.0										
01/14/2015	07:52:59					Low Test 1257 psi = Good									
01/14/2015	07:52:59	-6	0.0	8.36	0.0										
01/14/2015	07:53:00					High Test 4579 psi = Good									
01/14/2015	07:53:00	-6	0.0	8.36	0.0										
01/14/2015	07:53:20	-6	0.0	8.36	0.0										
01/14/2015	07:55:00	-5	0.0	8.36	0.0										
01/14/2015	07:56:40	-9	0.0	8.36	0.0										
01/14/2015	07:58:20	272	0.5	8.35	0.8										
01/14/2015	08:00:00	39	0.0	8.35	3.4										

Well			Field		Job Start		Customer		Job Number	
GP JEVANS 2-19-19 2-19-19			Wattenberg		Jan/14/2015		Extraction Oil & Gas		2078294	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/14/2015	08:03:20	4591	0.0	8.35	3.4					
01/14/2015	08:05:00					Down To Fix Cement Head				
01/14/2015	08:05:00					Rubber Bad/Used Circulating Swedge				
01/14/2015	08:05:00	4527	0.0	8.35	3.4					
01/14/2015	08:06:40	-6	0.0	8.35	3.4					
01/14/2015	08:08:20	-6	0.0	8.35	3.4					
01/14/2015	08:10:00	-7	0.0	8.35	3.4					
01/14/2015	08:11:40	-6	0.0	8.35	3.4					
01/14/2015	08:13:20	-7	0.0	8.35	3.4					
01/14/2015	08:15:00	-8	0.0	8.35	3.4					
01/14/2015	08:16:40	-8	0.0	8.35	3.4					
01/14/2015	08:18:20	176	0.9	8.36	3.7					
01/14/2015	08:20:00	60	0.0	8.36	6.7					
01/14/2015	08:21:40	58	0.0	8.35	6.7					
01/14/2015	08:23:20	-12	0.0	8.35	6.7					
01/14/2015	08:25:00	-12	0.0	8.35	6.7					
01/14/2015	08:26:40	-12	0.0	8.35	6.7					
01/14/2015	08:28:20	-13	0.0	8.35	6.7					
01/14/2015	08:30:00	-13	0.0	8.35	6.7					
01/14/2015	08:31:40	-13	0.0	8.35	6.7					
01/14/2015	08:33:20	-13	0.0	8.35	6.7					
01/14/2015	08:35:00	-13	0.0	8.35	6.7					
01/14/2015	08:36:40	-14	0.0	8.35	6.7					
01/14/2015	08:38:20	-14	0.0	8.35	6.7					
01/14/2015	08:40:00	-13	0.0	8.35	6.7					
01/14/2015	08:41:40	-14	0.0	8.35	6.7					
01/14/2015	08:43:20	-14	0.0	8.35	6.7					
01/14/2015	08:45:00	-14	0.0	8.35	6.7					
01/14/2015	08:46:40	-12	0.0	8.35	6.7					
01/14/2015	08:48:20	-9	0.0	8.34	6.7					
01/14/2015	08:49:00					Start Pumping Spacer				
01/14/2015	08:49:00					Pump 20 bbls Of 11.0 ppg Mudpush				
01/14/2015	08:49:00					Good Returns				
01/14/2015	08:49:00	-9	0.0	8.34	6.7					
01/14/2015	08:50:00	423	3.8	10.88	7.8					
01/14/2015	08:51:40	332	3.5	11.10	13.7					
01/14/2015	08:53:20	285	2.0	11.60	18.4					
01/14/2015	08:55:00	251	2.0	12.32	21.5					
01/14/2015	08:55:04					Start Mixing Lead Slurry				
01/14/2015	08:55:04	271	2.0	12.32	21.7					
01/14/2015	08:55:07					Pump 137 bbls Of 12.5 ppg Lead				
01/14/2015	08:55:07					487 sks Y=1.58				
01/14/2015	08:55:07					Wet and Dry Samples				
01/14/2015	08:55:07					Weight 12.5 ppg				
01/14/2015	08:55:07					Dry Sample # 005665				
01/14/2015	08:55:07	332	1.9	12.34	21.8					
01/14/2015	08:55:08					Water Sample # 005746				
01/14/2015	08:55:08					Good Returns				
01/14/2015	08:55:08	218	2.0	12.34	21.8					
01/14/2015	08:56:40	562	5.0	12.53	28.0					
01/14/2015	08:58:20	542	5.0	12.59	37.4					
01/14/2015	09:00:00	466	5.0	12.60	45.7					
01/14/2015	09:01:40	259	3.4	12.59	53.7					
01/14/2015	09:03:20	285	3.4	12.61	59.5					

Well			Field		Job Start		Customer		Job Number	
GP JEVANS 2-19-19 2-19-19			Wattenberg		Jan/14/2015		Extraction Oil & Gas		2078294	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/14/2015	09:06:40	294	3.5	12.51	70.8					
01/14/2015	09:08:20	412	5.0	12.49	78.0					
01/14/2015	09:10:00	394	5.0	12.55	86.4					
01/14/2015	09:11:40	399	5.0	12.60	94.7					
01/14/2015	09:13:20	363	5.0	12.61	103.1					
01/14/2015	09:15:00	308	5.0	12.59	111.4					
01/14/2015	09:16:40	296	5.0	12.56	119.8					
01/14/2015	09:18:20	290	5.0	12.55	128.2					
01/14/2015	09:21:40	260	5.0	12.53	144.9					
01/14/2015	09:23:20	100	3.4	12.62	152.9					
01/14/2015	09:24:03					End Lead Slurry				
01/14/2015	09:24:03	94	3.4	12.55	155.4					
01/14/2015	09:25:00	97	3.5	12.75	158.8					
01/14/2015	09:26:40	142	3.5	15.02	164.4					
01/14/2015	09:28:20	147	3.5	15.66	170.2					
01/14/2015	09:28:27					Start Mixing Tail Slurry				
01/14/2015	09:28:27	154	3.5	15.67	170.6					
01/14/2015	09:30:00	292	4.4	15.87	176.3					
01/14/2015	09:30:37					Pump 145 bbls Of 15.8 ppg Tail				
01/14/2015	09:30:37					696 sks Y=1.17				
01/14/2015	09:30:37					Wet and Dry Samples				
01/14/2015	09:30:37					Weight 15.8 ppg				
01/14/2015	09:30:37	140	4.5	15.86	179.1					
01/14/2015	09:30:38					Dry Sample # 005718				
01/14/2015	09:30:38	410	4.5	15.86	179.2					
01/14/2015	09:31:40	566	6.3	15.88	185.2					
01/14/2015	09:33:18					Good Returns				
01/14/2015	09:33:18	577	6.3	15.89	195.6					
01/14/2015	09:33:20	558	6.3	15.89	195.8					
01/14/2015	09:35:00	553	6.4	15.78	206.4					
01/14/2015	09:36:40	322	5.0	15.64	215.4					
01/14/2015	09:38:20	533	6.4	15.71	224.3					
01/14/2015	09:40:00	565	6.3	15.74	234.9					
01/14/2015	09:41:40	561	6.3	15.84	245.5					
01/14/2015	09:43:20	576	6.3	15.83	256.0					
01/14/2015	09:45:00	364	4.9	15.93	264.5					
01/14/2015	09:46:40	360	4.9	15.94	272.6					
01/14/2015	09:48:20	633	6.3	15.93	282.6					
01/14/2015	09:50:00	592	6.3	15.92	293.1					
01/14/2015	09:51:40	572	6.4	15.91	303.7					
01/14/2015	09:53:15					End Tail Slurry				
01/14/2015	09:53:15	99	3.1	15.87	313.7					
01/14/2015	09:53:20	8	0.7	15.93	313.8					
01/14/2015	09:53:23					Drop Top Plug				
01/14/2015	09:53:23					Start Displacement				
01/14/2015	09:53:23	8	0.1	15.93	313.9					
01/14/2015	09:55:00	3	0.0	15.89	313.9					
01/14/2015	09:56:40	-8	0.0	15.86	313.9					
01/14/2015	09:58:20	-8	0.0	15.87	313.9					
01/14/2015	10:00:00	-8	0.0	15.88	313.9					
01/14/2015	10:01:40	-8	0.0	10.72	313.9					
01/14/2015	10:03:20	-8	0.0	9.54	313.9					
01/14/2015	10:05:00	-9	0.0	9.05	313.9					
01/14/2015	10:06:40	38	2.5	9.14	315.3					

Well GP JEVANS 2-19-19 2-19-19			Field Wattenberg		Job Start Jan/14/2015		Customer Extraction Oil & Gas		Job Number 2078294	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/14/2015	10:10:00	58	3.7	9.26	328.1					
01/14/2015	10:11:40	61	3.7	8.54	334.2					
01/14/2015	10:13:20	136	5.1	10.32	341.4					
01/14/2015	10:15:00	142	5.1	10.52	349.9					
01/14/2015	10:16:40	148	5.1	10.65	358.4					
01/14/2015	10:18:20	148	5.1	10.64	367.0					
01/14/2015	10:20:00	147	5.1	10.64	375.5					
01/14/2015	10:21:40	139	5.1	10.64	384.0					
01/14/2015	10:23:20	136	5.1	10.64	392.5					
01/14/2015	10:25:00	139	5.1	10.61	401.0					
01/14/2015	10:26:40	138	5.1	10.58	409.5					
01/14/2015	10:28:20	142	5.1	10.63	418.0					
01/14/2015	10:30:00	143	5.1	10.63	426.5					
01/14/2015	10:31:40	137	5.1	10.63	435.0					
01/14/2015	10:33:20	135	5.1	10.62	443.6					
01/14/2015	10:35:00	136	5.1	10.61	452.1					
01/14/2015	10:36:40	139	5.1	10.61	460.6					
01/14/2015	10:38:20	141	5.1	10.60	469.1					
01/14/2015	10:40:00	140	5.1	10.59	477.6					
01/14/2015	10:41:40	291	5.1	10.59	486.2					
01/14/2015	10:43:20	329	5.0	10.59	494.6					
01/14/2015	10:45:00	395	5.0	10.59	503.0					
01/14/2015	10:46:40	495	5.0	10.60	511.4					
01/14/2015	10:48:20	830	6.4	10.60	522.0					
01/14/2015	10:50:00	924	6.4	10.61	532.7					
01/14/2015	10:51:40	1050	6.4	10.62	543.4					
01/14/2015	10:53:20	1152	6.4	10.63	554.1					
01/14/2015	10:55:00	1261	6.4	10.63	564.7					
01/14/2015	10:56:40	1366	6.4	10.64	575.4					
01/14/2015	10:58:20	1510	6.4	10.65	586.0					
01/14/2015	11:00:00	1668	6.3	10.65	596.6					
01/14/2015	11:01:40	1765	6.4	10.66	607.2					
01/14/2015	11:03:20	1881	6.3	10.67	617.8					
01/14/2015	11:05:00	1956	6.4	10.67	628.4					
01/14/2015	11:06:40	2055	6.3	10.68	639.0					
01/14/2015	11:08:20	1697	3.8	10.69	647.5					
01/14/2015	11:10:00	1546	2.5	8.51	652.5					
01/14/2015	11:11:40	1593	2.5	8.48	656.6					
01/14/2015	11:13:20	1617	2.5	8.46	660.8					
01/14/2015	11:15:00	1651	2.5	8.36	664.9					
01/14/2015	11:16:00					Displace 338 bbls Of Mud				
01/14/2015	11:16:00					Bump Top Plug To 2257 psi				
01/14/2015	11:16:00					Final Circulating psi 1691				
01/14/2015	11:16:00					Floats Held				
01/14/2015	11:16:00					2.5 bbls Back				
01/14/2015	11:16:00					28 bbls Of Cement To Surface				
01/14/2015	11:16:00					Good Returns Throughout Job				
01/14/2015	11:16:00	1653	2.5	8.36	667.4					
01/14/2015	11:16:40	2243	0.0	8.36	668.1					
01/14/2015	11:18:20	2287	0.0	8.36	668.1					
01/14/2015	11:20:00	1436	0.0	8.36	668.1					
01/14/2015	11:21:40	-6	0.0	8.35	668.1					
01/14/2015	11:22:00					Test Casing 2000 psi				
01/14/2015	11:22:00					For 15 min.				

Well			Field		Job Start	Customer		Job Number
GP JEVANS 2-19-19 2-19-19			Wattenberg		Jan/14/2015	Extraction Oil & Gas		2078294
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/14/2015	11:23:20	1997	0.0	8.42	670.2			
01/14/2015	11:25:00	2016	0.0	8.41	670.2			
01/14/2015	11:26:40	2035	0.0	8.36	670.2			
01/14/2015	11:28:20	2054	0.0	8.35	670.2			
01/14/2015	11:30:00	2070	0.0	8.35	670.2			
01/14/2015	11:31:40	2088	0.0	8.35	670.2			
01/14/2015	11:33:20	2102	0.0	8.35	670.2			
01/14/2015	11:35:00	2117	0.0	8.35	670.2			
01/14/2015	11:36:40	2133	0.0	8.35	670.2			
01/14/2015	11:38:00					Good Test		
01/14/2015	11:38:00	2121	0.0	8.35	670.2			
01/14/2015	11:38:20	1369	0.0	8.35	670.2			
01/14/2015	11:40:00	-9	0.0	8.35	670.2			
01/14/2015	11:41:40	-8	0.0	8.35	670.2			
01/14/2015	11:41:55					Rig Down		
01/14/2015	11:41:55					End Job		
01/14/2015	11:41:55	-9	0.0	8.35	670.2			
01/14/2015	11:43:20	-12	0.0	8.35	670.2			
01/14/2015	11:45:00	-12	0.0	8.35	670.2			
01/14/2015	11:46:40	-8	0.4	8.59	670.9			
01/14/2015	11:48:20	-23	3.5	7.52	672.2			
01/14/2015	11:50:00	-15	1.7	6.47	675.2			

Post Job Summary

Average Pump Rates,					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate		Total Slurry 282.0	Mud	Spacer 20.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4500	Final 1691	Average	Bump Plug to 2257	Breakdown	Type	Volume		Density
Avg. N2 Percent		Designed Slurry Volume 282.0 bbl		Displacement 338.0 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 28.0 bbl
						Washed Thru Perfs <input type="checkbox"/>		To
Customer or Authorized Representative Shawn McIntyre			Schlumberger Supervisor Justin Zika			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-