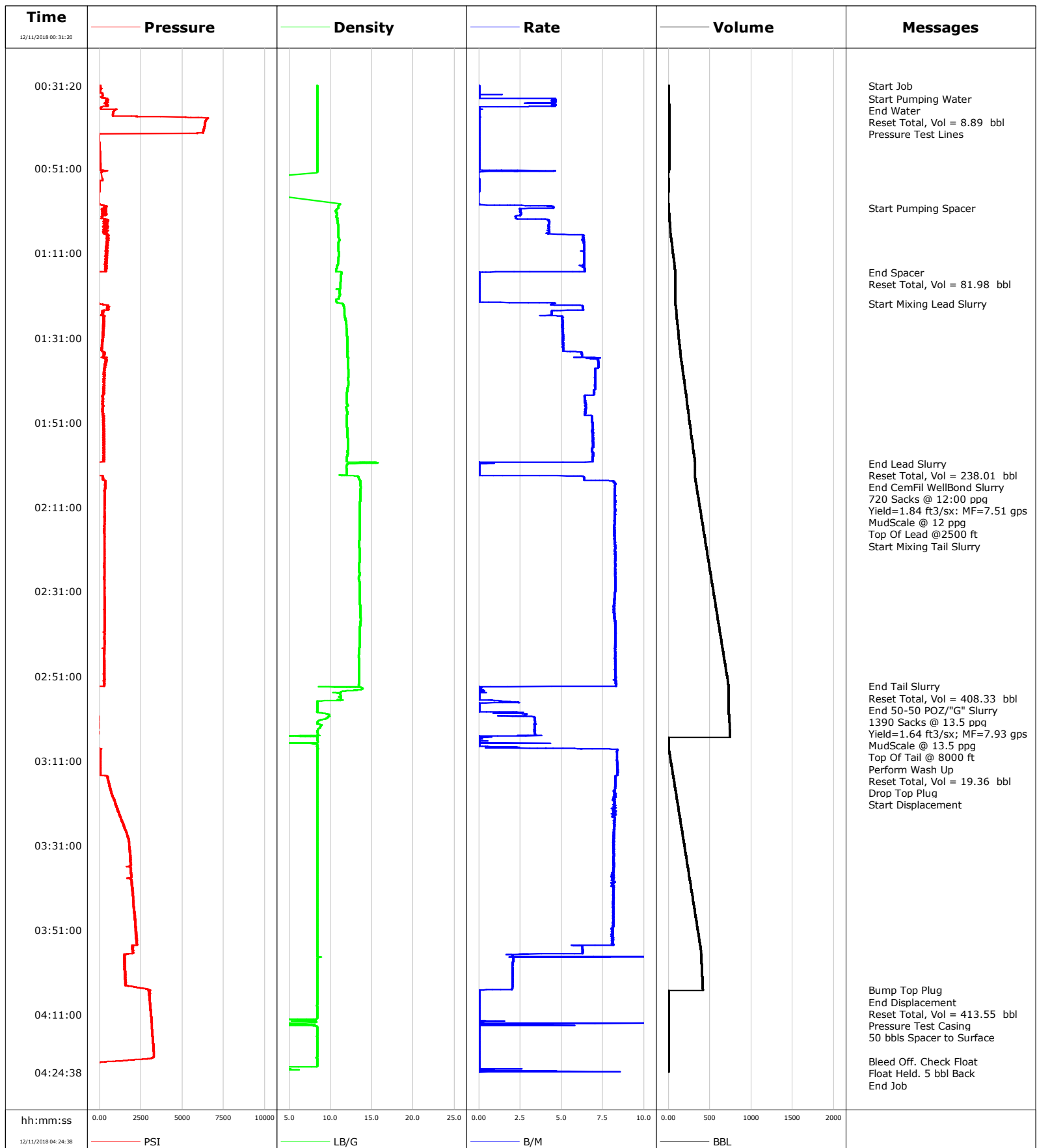


Well Castle Pines 19-9HZ
Field Wattenberg
Engineer Wence Luste
Country United States

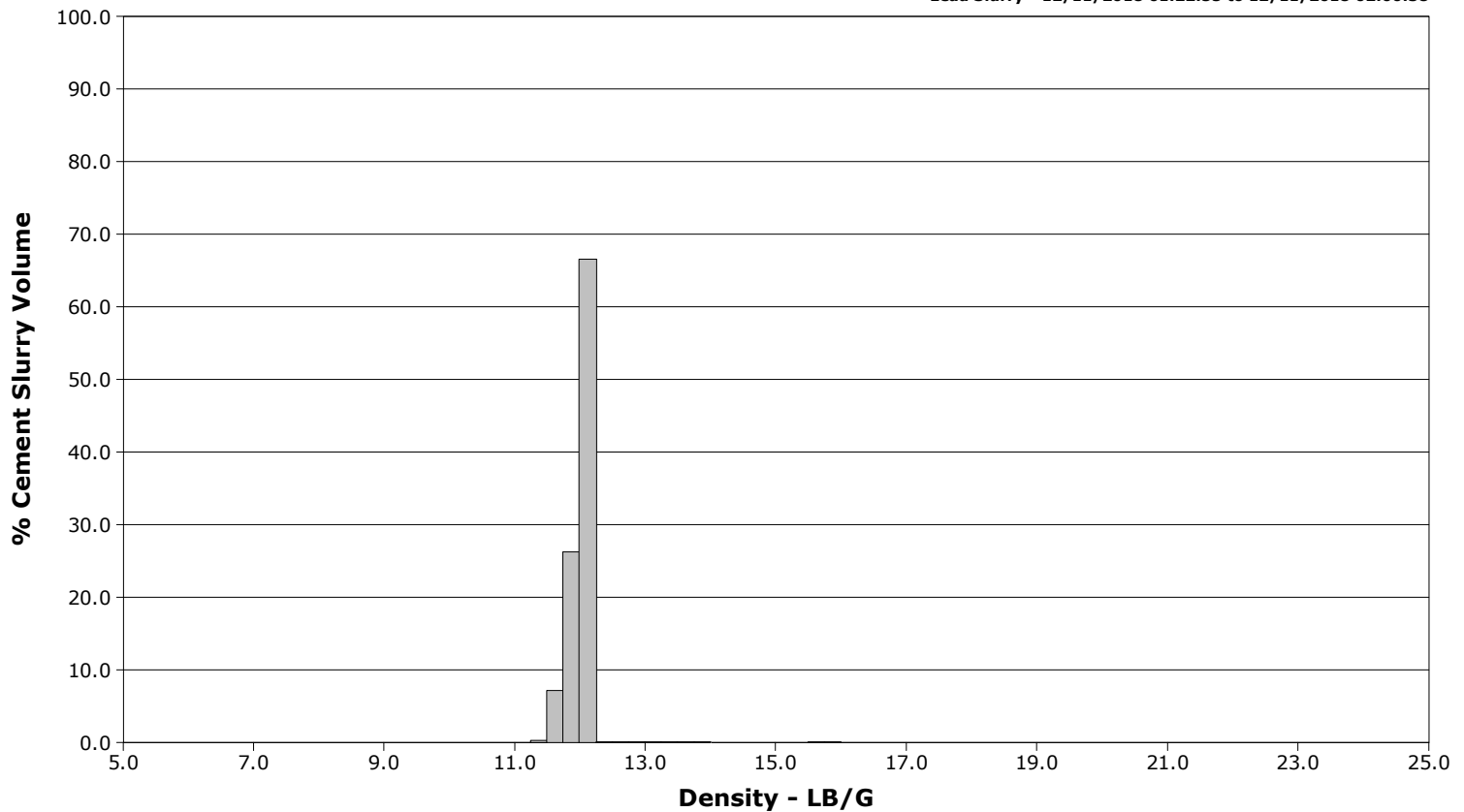
Client ANADARKO PETROLEUM COMPANY
SIR No. DZ6B-00564
Job Type 5 1/2" Production
Job Date 12-10-2018



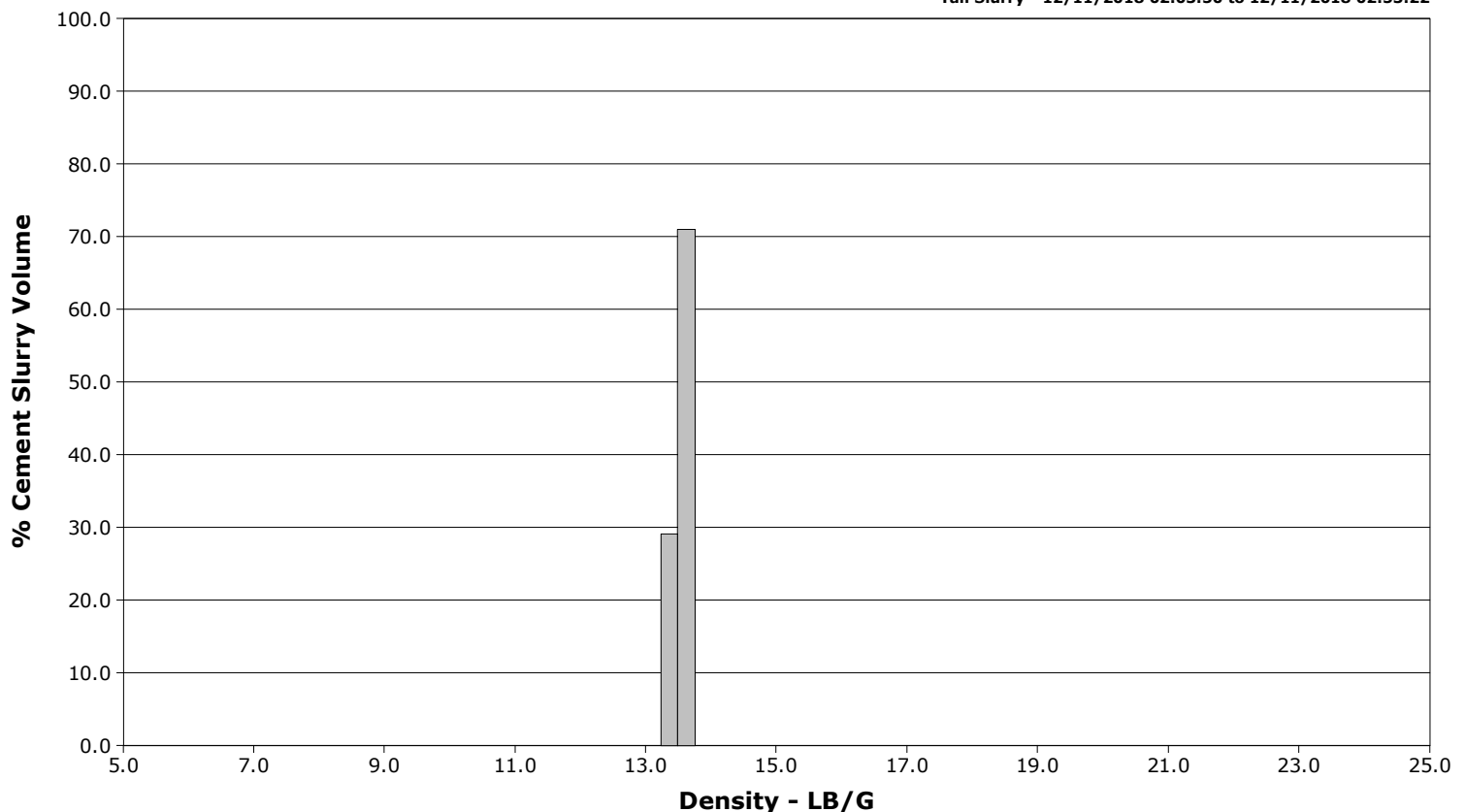
Well Castle Pines 19-9HZ
Field Wattenberg
Engineer Wence Luste
Country United States

Client ANADARKO PETROLEUM COMPANY
SIR No. DZ6B-00564
Job Type 5 1/2" Production
Job Date 12-10-2018

Lead Slurry - 12/11/2018 01:22:55 to 12/11/2018 02:00:38



Tail Slurry - 12/11/2018 02:03:50 to 12/11/2018 02:53:22



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Well			Field	Job Start		Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg	Dec/10/2018		ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/11/2018	00:42:40	5909	0.0	8.38	8.8		
12/11/2018	00:43:20	-54	0.0	8.38	8.8		
12/11/2018	00:44:00	-41	0.0	8.38	8.8		
12/11/2018	00:44:40	-30	0.0	8.38	8.8		
12/11/2018	00:45:20	-21	0.0	8.38	8.8		
12/11/2018	00:46:00	-11	0.0	8.38	8.8		
12/11/2018	00:46:40	-3	0.0	8.38	8.8		
12/11/2018	00:47:20	7	0.0	8.38	8.8		
12/11/2018	00:48:00	16	0.0	8.38	8.8		
12/11/2018	00:48:40	22	0.0	8.38	8.8		
12/11/2018	00:49:20	28	0.0	8.38	8.8		
12/11/2018	00:50:00	33	0.0	8.38	8.8		
12/11/2018	00:50:40	37	0.0	8.38	8.8		
12/11/2018	00:51:20	42	0.0	8.38	8.8		
12/11/2018	00:54:00	-1	0.0	0.00	0.0		
12/11/2018	00:54:40	-1	0.0	0.00	0.0		
12/11/2018	00:56:00	-2	0.0	0.00	0.0		
12/11/2018	00:59:20	-0	0.0	11.14	0.0		
12/11/2018	01:00:00	362	4.5	10.96	1.2		
12/11/2018	01:00:13	329	4.5	10.96	2.2	Start Pumping Spacer	
12/11/2018	01:00:40	260	2.5	10.73	3.7		
12/11/2018	01:01:20	319	2.5	10.73	5.4		
12/11/2018	01:02:00	389	2.5	10.76	7.1		
12/11/2018	01:02:40	169	2.2	10.80	8.6		
12/11/2018	01:03:20	336	4.2	10.85	10.9		
12/11/2018	01:04:00	236	4.2	10.87	13.8		
12/11/2018	01:04:40	219	4.2	10.98	16.6		
12/11/2018	01:05:20	233	4.2	10.98	19.4		
12/11/2018	01:06:00	239	4.3	10.98	22.2		
12/11/2018	01:06:40	446	6.1	10.94	25.2		
12/11/2018	01:07:20	473	6.4	10.97	29.5		
12/11/2018	01:08:00	514	6.3	11.07	33.7		
12/11/2018	01:08:40	504	6.4	10.96	37.9		
12/11/2018	01:09:20	393	6.4	10.95	42.2		
12/11/2018	01:10:00	401	6.3	10.97	46.4		
12/11/2018	01:10:40	424	6.4	10.99	50.6		
12/11/2018	01:11:20	376	6.4	10.99	54.9		
12/11/2018	01:12:00	395	6.4	10.98	59.1		
12/11/2018	01:12:40	372	6.4	10.95	63.4		
12/11/2018	01:13:20	361	6.4	10.91	67.7		
12/11/2018	01:14:00	395	6.3	10.81	71.9		
12/11/2018	01:14:40	439	6.4	10.69	76.1		
12/11/2018	01:15:20	325	6.4	10.64	80.4		
12/11/2018	01:15:29	-106	0.4	11.33	81.0	End Spacer	
12/11/2018	01:15:30	-109	0.2	11.34	81.0	Reset Total, Vol = 81.98 bbl	
12/11/2018	01:16:00	-147	0.0	11.29	81.0		
12/11/2018	01:16:40	-149	0.0	11.26	81.0		
12/11/2018	01:17:20	-149	0.0	11.24	81.0		
12/11/2018	01:18:00	-150	0.0	11.22	81.0		
12/11/2018	01:18:40	-150	0.0	11.22	81.0		
12/11/2018	01:19:20	-151	0.0	11.21	81.0		
12/11/2018	01:20:00	-151	0.0	11.10	81.0		
12/11/2018	01:20:40	-152	0.0	11.11	81.0		
12/11/2018	01:21:20	-152	0.0	11.04	81.0		

Well			Field	Job Start		Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg	Dec/10/2018		ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/11/2018	01:22:40	-102	1.3	10.80	81.0		
12/11/2018	01:22:55	-37	4.5	11.42	82.1	Start Mixing Lead Slurry	
12/11/2018	01:24:00	437	6.3	11.64	88.2		
12/11/2018	01:24:40	168	4.4	11.65	92.1		
12/11/2018	01:25:20	172	4.4	11.67	95.1		
12/11/2018	01:26:00	242	5.1	11.71	98.1		
12/11/2018	01:26:40	243	5.1	11.81	101.5		
12/11/2018	01:27:20	298	5.1	11.86	104.8		
12/11/2018	01:28:00	281	5.1	11.90	108.2		
12/11/2018	01:28:40	249	5.0	11.94	111.6		
12/11/2018	01:29:20	242	5.1	11.96	115.0		
12/11/2018	01:30:00	168	5.1	11.99	118.4		
12/11/2018	01:30:40	192	5.1	12.01	121.8		
12/11/2018	01:31:20	171	5.1	12.01	125.2		
12/11/2018	01:32:00	147	5.1	12.02	128.5		
12/11/2018	01:32:40	129	5.1	12.02	131.9		
12/11/2018	01:33:20	117	5.1	12.02	135.3		
12/11/2018	01:34:00	113	5.1	12.03	138.7		
12/11/2018	01:34:40	246	6.2	12.05	142.6		
12/11/2018	01:35:20	240	6.2	12.05	146.8		
12/11/2018	01:36:00	371	7.1	12.13	151.2		
12/11/2018	01:36:40	340	7.2	12.12	156.0		
12/11/2018	01:37:20	328	7.2	12.11	160.8		
12/11/2018	01:38:00	310	7.2	12.10	165.6		
12/11/2018	01:38:40	278	7.1	12.14	170.4		
12/11/2018	01:39:20	282	7.0	12.16	175.1		
12/11/2018	01:40:00	298	7.0	12.16	179.8		
12/11/2018	01:40:40	224	7.0	12.11	184.5		
12/11/2018	01:41:20	233	7.0	12.14	189.2		
12/11/2018	01:42:00	244	7.0	12.14	193.9		
12/11/2018	01:42:40	243	7.0	12.10	198.5		
12/11/2018	01:43:20	247	7.0	12.01	203.2		
12/11/2018	01:44:00	266	7.0	11.99	207.9		
12/11/2018	01:44:40	182	6.4	11.99	212.5		
12/11/2018	01:45:20	217	6.4	11.99	216.8		
12/11/2018	01:46:00	203	6.4	11.99	221.1		
12/11/2018	01:46:40	201	6.5	11.98	225.4		
12/11/2018	01:47:20	211	6.5	11.94	229.7		
12/11/2018	01:48:00	160	6.4	11.95	234.0		
12/11/2018	01:48:40	186	6.5	12.04	238.3		
12/11/2018	01:49:20	230	6.4	11.99	242.6		
12/11/2018	01:50:00	254	6.8	11.97	247.1		
12/11/2018	01:50:40	273	6.8	11.97	251.7		
12/11/2018	01:51:20	260	6.9	11.98	256.3		
12/11/2018	01:52:00	256	6.9	12.00	260.9		
12/11/2018	01:52:40	270	6.9	12.02	265.5		
12/11/2018	01:53:20	268	6.9	12.05	270.1		
12/11/2018	01:54:00	249	6.9	12.06	274.7		
12/11/2018	01:54:40	253	6.9	12.07	279.3		
12/11/2018	01:55:20	283	6.9	12.08	283.9		
12/11/2018	01:56:00	247	6.9	12.08	288.5		
12/11/2018	01:56:40	282	6.9	12.08	293.1		
12/11/2018	01:57:20	275	6.9	12.08	297.7		
12/11/2018	01:58:00	269	6.9	12.07	302.3		

Well			Field		Job Start	Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg		Dec/10/2018	ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/11/2018	01:59:20	315	6.9	11.97	311.5		
12/11/2018	02:00:00	229	6.9	11.96	316.1		
12/11/2018	02:00:38	-140	0.3	15.69	319.0	End Lead Slurry	
12/11/2018	02:00:40	-141	0.7	15.28	319.0	Reset Total, Vol = 238.01 bbl	
12/11/2018	02:00:41	-142	0.8	15.10	319.0	End CemFil WellBond Slurry	
12/11/2018	02:00:42	-142	0.9	14.36	319.1	720 Sacks @ 12:00 ppg	
12/11/2018	02:00:43	-142	0.6	13.70	319.1	Yield=1.84 ft3/sx: MF=7.51 gps	
12/11/2018	02:01:20	-146	0.0	11.94	319.1		
12/11/2018	02:02:00	-147	0.0	11.95	319.1		
12/11/2018	02:02:40	-146	0.0	11.95	319.1		
12/11/2018	02:03:18	-147	0.0	11.95	319.1	Top Of Lead @2500 ft	
12/11/2018	02:03:20	-146	0.0	11.95	319.1		
12/11/2018	02:03:50	203	6.3	13.37	320.4	Start Mixing Tail Slurry	
12/11/2018	02:04:00	168	6.4	13.37	321.4		
12/11/2018	02:04:40	202	6.4	13.53	325.7		
12/11/2018	02:05:20	332	8.2	13.59	331.0		
12/11/2018	02:06:00	340	8.2	13.61	336.5		
12/11/2018	02:06:40	323	8.2	13.63	342.0		
12/11/2018	02:07:20	332	8.2	13.60	347.5		
12/11/2018	02:08:00	304	8.2	13.61	353.0		
12/11/2018	02:08:40	304	8.2	13.60	358.5		
12/11/2018	02:09:20	310	8.3	13.57	364.0		
12/11/2018	02:10:00	301	8.2	13.56	369.5		
12/11/2018	02:10:40	290	8.2	13.55	375.0		
12/11/2018	02:11:20	282	8.3	13.54	380.5		
12/11/2018	02:12:00	299	8.3	13.52	386.0		
12/11/2018	02:12:40	313	8.2	13.53	391.5		
12/11/2018	02:13:20	287	8.2	13.53	397.0		
12/11/2018	02:14:40	298	8.2	13.52	407.9		
12/11/2018	02:15:20	288	8.2	13.52	413.4		
12/11/2018	02:16:00	271	8.2	13.52	418.9		
12/11/2018	02:16:40	277	8.2	13.52	424.4		
12/11/2018	02:17:20	286	8.2	13.52	429.8		
12/11/2018	02:18:00	304	8.2	13.52	435.3		
12/11/2018	02:18:40	295	8.2	13.51	440.8		
12/11/2018	02:19:20	273	8.2	13.50	446.3		
12/11/2018	02:20:00	294	8.3	13.50	451.8		
12/11/2018	02:20:40	295	8.2	13.50	457.3		
12/11/2018	02:21:20	278	8.2	13.51	462.8		
12/11/2018	02:22:00	272	8.3	13.51	468.3		
12/11/2018	02:22:40	290	8.3	13.52	473.8		
12/11/2018	02:23:20	298	8.2	13.52	479.3		
12/11/2018	02:24:00	277	8.3	13.51	484.8		
12/11/2018	02:24:40	271	8.3	13.46	490.3		
12/11/2018	02:25:20	273	8.3	13.46	495.8		
12/11/2018	02:26:00	281	8.3	13.49	501.3		
12/11/2018	02:26:40	282	8.3	13.51	506.8		
12/11/2018	02:27:20	287	8.3	13.49	512.3		
12/11/2018	02:28:00	271	8.3	13.40	517.9		
12/11/2018	02:28:40	298	8.3	13.50	523.4		
12/11/2018	02:29:20	307	8.3	13.51	528.9		
12/11/2018	02:30:00	278	8.3	13.51	534.4		
12/11/2018	02:30:40	283	8.3	13.51	539.9		
12/11/2018	02:31:20	287	8.2	13.51	545.4		

Well			Field	Job Start		Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg	Dec/10/2018		ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/11/2018	02:32:40	285	8.2	13.51	556.4		
12/11/2018	02:33:20	305	8.2	13.53	561.7		
12/11/2018	02:34:00	315	8.2	13.56	567.3		
12/11/2018	02:34:40	301	8.2	13.58	572.8		
12/11/2018	02:35:20	287	8.1	13.60	578.3		
12/11/2018	02:36:00	297	8.2	13.60	583.7		
12/11/2018	02:36:40	296	8.2	13.61	589.2		
12/11/2018	02:37:20	308	8.2	13.63	594.7		
12/11/2018	02:38:00	307	8.3	13.63	600.2		
12/11/2018	02:38:40	300	8.3	13.59	605.7		
12/11/2018	02:39:20	292	8.3	13.56	611.2		
12/11/2018	02:40:00	315	8.3	13.56	616.7		
12/11/2018	02:40:40	276	8.3	13.55	622.2		
12/11/2018	02:41:20	273	8.3	13.54	627.7		
12/11/2018	02:42:00	291	8.3	13.53	633.3		
12/11/2018	02:42:40	290	8.3	13.53	638.8		
12/11/2018	02:43:20	304	8.3	13.52	644.3		
12/11/2018	02:44:00	277	8.3	13.51	649.8		
12/11/2018	02:44:40	284	8.3	13.50	655.3		
12/11/2018	02:45:20	276	8.3	13.49	660.8		
12/11/2018	02:46:00	262	8.3	13.41	666.3		
12/11/2018	02:46:40	270	8.2	13.44	671.8		
12/11/2018	02:47:20	266	8.3	13.48	677.3		
12/11/2018	02:48:00	291	8.3	13.49	682.8		
12/11/2018	02:48:40	285	8.3	13.49	688.3		
12/11/2018	02:49:20	276	8.3	13.49	693.9		
12/11/2018	02:50:00	282	8.3	13.49	699.4		
12/11/2018	02:50:40	273	8.3	13.48	704.9		
12/11/2018	02:51:20	291	8.3	13.48	710.4		
12/11/2018	02:52:00	270	8.3	13.47	715.9		
12/11/2018	02:52:40	280	8.3	13.46	721.5		
12/11/2018	02:53:20	282	8.3	13.41	727.0		
12/11/2018	02:53:22	278	8.3	13.41	727.3	End Tail Slurry	
12/11/2018	02:53:23	310	8.3	13.41	727.4	Reset Total, Vol = 408.33 bbl	
12/11/2018	02:53:24	286	8.3	13.41	727.6	End 50-50 POZ/"G" Slurry	
12/11/2018	02:53:25	265	8.3	13.41	727.7	Yield=1.64 ft3/sx; MF=7.93 gps	
12/11/2018	02:53:26	220	8.3	13.41	727.8	MudScale @ 13.5 ppg	
12/11/2018	02:53:27	-85	7.6	13.56	728.0	Top Of Tail @ 8000 ft	
12/11/2018	02:54:00	-153	0.1	13.84	728.2		
12/11/2018	02:54:40	-145	0.3	11.29	728.3		
12/11/2018	02:55:20	-144	0.0	11.16	728.3		
12/11/2018	02:56:00	-142	0.0	11.19	728.3		
12/11/2018	02:56:40	-112	0.7	11.54	728.3		
12/11/2018	02:57:20	-155	0.4	8.40	729.4		
12/11/2018	02:58:00	-155	0.0	8.39	729.4		
12/11/2018	02:59:20	-155	0.0	8.38	729.4		
12/11/2018	03:00:00	-88	2.9	9.73	730.5		
12/11/2018	03:00:28	-81	2.0	9.80	731.7	Perform Wash Up	
12/11/2018	03:00:40	-39	3.3	9.73	732.3		
12/11/2018	03:01:20	-61	3.4	8.87	734.5		
12/11/2018	03:02:00	-71	3.4	8.40	736.8		
12/11/2018	03:02:40	-66	3.4	8.88	739.0		
12/11/2018	03:03:20	-67	3.4	8.66	741.3		
12/11/2018	03:04:00	-72	3.4	8.39	743.6		

Well			Field		Job Start		Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg		Dec/10/2018		ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
12/11/2018	03:05:20	-150	0.0	8.37	747.4			
12/11/2018	03:05:31	-155	0.2	8.40	747.5	Reset Total, Vol = 19.36 bbl		
12/11/2018	03:05:39	-155	0.0	8.40	0.0	Drop Top Plug		
12/11/2018	03:06:00	-157	0.0	8.40	0.0			
12/11/2018	03:06:40	-158	0.0	8.43	0.0			
12/11/2018	03:07:20	-157	0.0	8.37	0.1			
12/11/2018	03:08:00	-98	1.2	8.41	0.7			
12/11/2018	03:08:40	51	8.4	8.41	5.4			
12/11/2018	03:09:20	48	8.4	8.41	11.0			
12/11/2018	03:10:00	32	8.4	8.37	16.6			
12/11/2018	03:10:32	38	8.4	8.38	21.1	Start Displacement		
12/11/2018	03:10:40	33	8.4	8.38	22.2			
12/11/2018	03:11:20	38	8.4	8.38	27.8			
12/11/2018	03:12:00	45	8.4	8.38	33.4			
12/11/2018	03:12:40	39	8.4	8.37	39.0			
12/11/2018	03:13:20	39	8.4	8.38	44.6			
12/11/2018	03:14:00	39	8.4	8.37	50.2			
12/11/2018	03:14:40	468	8.3	8.37	55.7			
12/11/2018	03:15:20	513	8.3	8.37	61.3			
12/11/2018	03:16:00	521	8.3	8.37	66.8			
12/11/2018	03:16:40	582	8.3	8.37	72.3			
12/11/2018	03:17:20	629	8.3	8.37	77.8			
12/11/2018	03:18:00	679	8.2	8.37	83.3			
12/11/2018	03:18:40	713	8.3	8.38	88.8			
12/11/2018	03:19:20	760	8.2	8.37	94.3			
12/11/2018	03:20:00	863	8.3	8.37	99.8			
12/11/2018	03:20:40	928	8.2	8.37	105.2			
12/11/2018	03:21:20	991	8.1	8.37	110.7			
12/11/2018	03:22:00	1014	8.2	8.37	116.2			
12/11/2018	03:22:40	1072	8.1	8.37	121.6			
12/11/2018	03:23:20	1180	8.2	8.37	127.1			
12/11/2018	03:24:00	1239	8.2	8.37	132.6			
12/11/2018	03:24:40	1286	8.2	8.37	138.0			
12/11/2018	03:25:20	1340	8.2	8.37	143.5			
12/11/2018	03:26:00	1420	8.2	8.37	149.0			
12/11/2018	03:26:40	1489	8.2	8.37	154.5			
12/11/2018	03:27:20	1556	8.2	8.37	159.9			
12/11/2018	03:28:00	1601	8.2	8.37	165.4			
12/11/2018	03:28:40	1677	8.2	8.37	170.8			
12/11/2018	03:29:20	1735	8.2	8.37	176.3			
12/11/2018	03:30:00	1768	8.2	8.38	181.7			
12/11/2018	03:30:40	1786	8.2	8.38	187.2			
12/11/2018	03:31:20	1789	8.2	8.37	192.6			
12/11/2018	03:32:00	1805	8.2	8.37	198.1			
12/11/2018	03:32:40	1834	8.2	8.37	203.5			
12/11/2018	03:33:20	1849	8.2	8.37	209.0			
12/11/2018	03:34:00	1876	8.2	8.37	214.4			
12/11/2018	03:34:40	1871	8.2	8.37	219.9			
12/11/2018	03:35:20	1862	8.2	8.37	225.3			
12/11/2018	03:36:00	1661	8.2	8.37	230.7			
12/11/2018	03:36:40	1912	8.2	8.37	236.2			
12/11/2018	03:37:20	1884	8.2	8.37	241.6			
12/11/2018	03:38:00	1891	8.0	8.37	247.1			
12/11/2018	03:38:40	1872	8.2	8.37	252.5			

Well			Field		Job Start	Customer	Job Number
Castle Pines 19-9HZ 0631789194			Wattenberg		Dec/10/2018	ANADARKO PETROLEUM COMPANY	DZ6B-00564
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
12/11/2018	03:40:00	1943	8.1	8.37	263.3		
12/11/2018	03:40:40	1954	8.1	8.37	268.7		
12/11/2018	03:41:20	1972	8.2	8.37	274.2		
12/11/2018	03:42:00	1989	8.2	8.37	279.6		
12/11/2018	03:42:40	2022	8.1	8.37	285.0		
12/11/2018	03:43:20	2011	8.2	8.37	290.3		
12/11/2018	03:44:00	2033	8.2	8.37	295.9		
12/11/2018	03:44:40	2045	8.2	8.37	301.3		
12/11/2018	03:45:20	2061	8.1	8.37	306.8		
12/11/2018	03:46:00	2076	8.2	8.37	312.2		
12/11/2018	03:46:40	2099	8.1	8.37	317.6		
12/11/2018	03:47:20	2128	8.2	8.37	323.0		
12/11/2018	03:48:00	2131	8.1	8.37	328.5		
12/11/2018	03:48:40	2139	8.2	8.37	333.9		
12/11/2018	03:49:20	2161	8.1	8.37	339.3		
12/11/2018	03:50:00	2187	8.2	8.37	344.8		
12/11/2018	03:50:40	2182	8.1	8.37	350.2		
12/11/2018	03:51:20	2177	8.2	8.37	355.6		
12/11/2018	03:52:00	2222	8.1	8.37	361.0		
12/11/2018	03:52:40	2236	8.1	8.37	366.4		
12/11/2018	03:53:20	2251	8.1	8.37	371.8		
12/11/2018	03:54:00	2263	8.1	8.37	377.2		
12/11/2018	03:54:40	1948	7.0	8.38	382.6		
12/11/2018	03:55:20	2006	6.3	8.37	386.7		
12/11/2018	03:56:00	2033	6.3	8.37	390.9		
12/11/2018	03:56:40	1622	5.2	8.37	395.1		
12/11/2018	03:57:20	1482	2.0	8.37	396.6		
12/11/2018	03:58:00	1484	2.1	8.40	398.9		
12/11/2018	03:58:40	1483	2.0	8.37	400.3		
12/11/2018	03:59:20	1547	2.0	8.37	401.7		
12/11/2018	04:00:00	1549	2.0	8.37	403.0		
12/11/2018	04:00:40	1541	2.0	8.37	404.4		
12/11/2018	04:01:20	1537	2.0	8.37	405.8		
12/11/2018	04:02:00	1542	2.0	8.37	407.1		
12/11/2018	04:02:40	1596	2.0	8.37	408.5		
12/11/2018	04:03:20	1601	2.0	8.37	409.8		
12/11/2018	04:04:00	1606	2.0	8.37	411.2		
12/11/2018	04:04:40	2364	2.0	8.37	412.5		
12/11/2018	04:05:12	3028	0.3	8.37	413.5	Bump Top Plug	
12/11/2018	04:05:13	3069	0.1	8.37	413.5	End Displacement	
12/11/2018	04:05:15	2950	0.0	8.37	413.5	Reset Total, Vol = 413.55 bbl	
12/11/2018	04:05:20	3054	0.0	8.37	413.5		
12/11/2018	04:05:47	3006	0.0	8.37	0.0	Pressure Test Casing	
12/11/2018	04:06:00	2982	0.0	8.37	0.0		
12/11/2018	04:06:40	3055	0.0	8.37	0.0		
12/11/2018	04:07:20	3018	0.0	8.37	0.0		
12/11/2018	04:08:00	3059	0.0	8.37	0.0		
12/11/2018	04:09:20	3077	0.0	8.37	0.0		
12/11/2018	04:10:00	3080	0.0	8.37	0.0		
12/11/2018	04:10:40	3101	0.0	8.37	0.0		
12/11/2018	04:11:20	3109	0.0	8.37	0.0		
12/11/2018	04:11:38	3119	0.0	8.37	0.0	50 bbls Spacer to Surface	
12/11/2018	04:12:00	3125	0.0	8.35	0.0		
12/11/2018	04:12:40	3138	0.0	7.81	0.1		

Well			Field		Job Start		Customer		Job Number	
Castle Pines 19-9HZ 0631789194			Wattenberg		Dec/10/2018		ANADARKO PETROLEUM COMPANY		DZ6B-00564	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
12/11/2018	04:14:00	3163	0.0	8.37	1.0					
12/11/2018	04:14:40	3176	0.0	8.37	1.0					
12/11/2018	04:15:20	3188	0.0	8.37	1.0					
12/11/2018	04:16:00	3200	0.0	8.37	1.0					
12/11/2018	04:16:40	3212	0.0	8.37	1.0					
12/11/2018	04:17:20	3223	0.0	8.37	1.0					
12/11/2018	04:18:00	3235	0.0	8.37	1.0					
12/11/2018	04:18:40	3247	0.0	8.37	1.0					
12/11/2018	04:19:20	3259	0.0	8.37	1.0					
12/11/2018	04:20:00	3270	0.0	8.37	1.0					
12/11/2018	04:20:40	3283	0.0	8.37	1.0					
12/11/2018	04:21:20	3149	0.0	8.35	1.0					
12/11/2018	04:22:00	1282	0.0	8.37	1.0					
12/11/2018	04:22:07	835	0.0	8.37	1.0	Bleed Off. Check Float				
12/11/2018	04:22:10	566	0.0	8.37	1.0	Float Held. 5 bbl Back				
12/11/2018	04:22:40	-152	0.0	8.37	1.0					
12/11/2018	04:23:15	-152	0.0	8.37	1.0	End Job				
12/11/2018	04:23:20	-153	0.0	8.37	1.0					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 6.8	N2	Mud	Maximum Rate 19.1	Total Slurry 646.3	Mud 0.0	Spacer 82.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 3288	Final 3127	Average 1003	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal			
Avg. N2 Percent %		Designed Slurry Volume 638.0 bbl		Displacement 403.5 bbl	Mix Water Temp 71 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume bbl			
						Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative John Truett / James Adkins			Schlumberger Supervisor Wence Luste			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>			
						-	-			