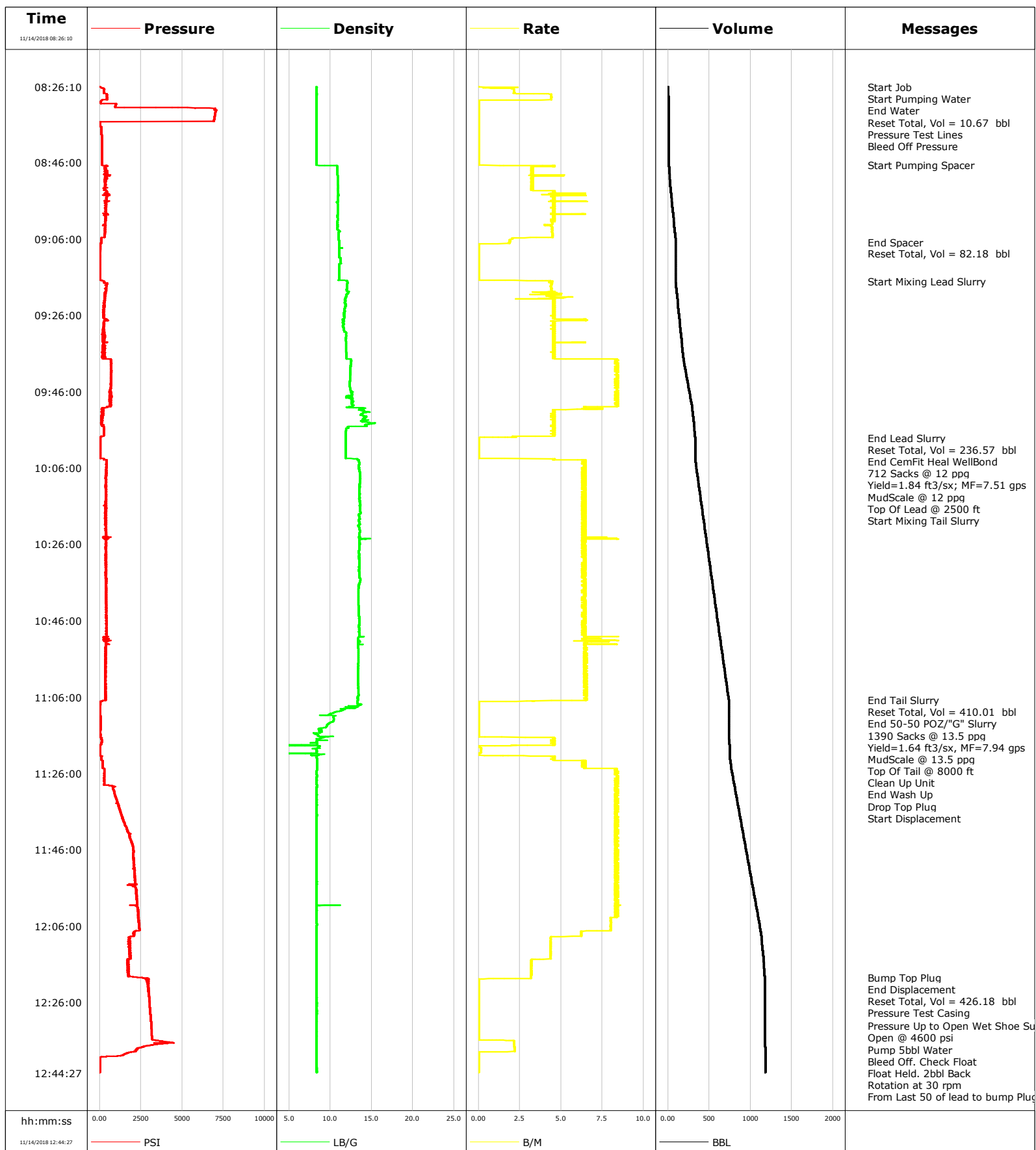


Well Castle Pines 19-3HZ
Field Wattenberg
Engineer Wence Luste
Country United States

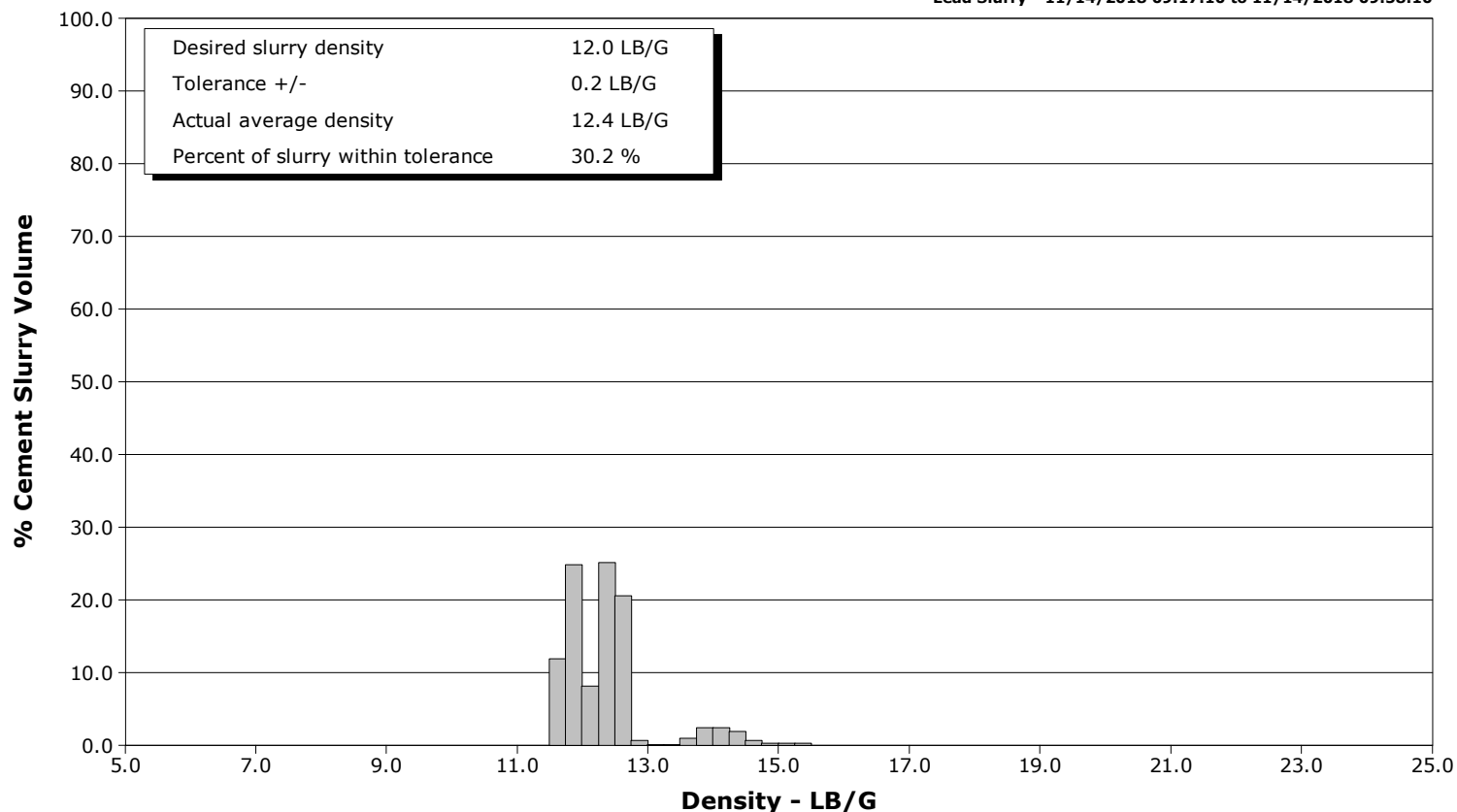
Client ANADARKO PETROLEUM
SIR No. DN38-00310
Job Type 5 1/2" Production
Job Date 11-14-2018



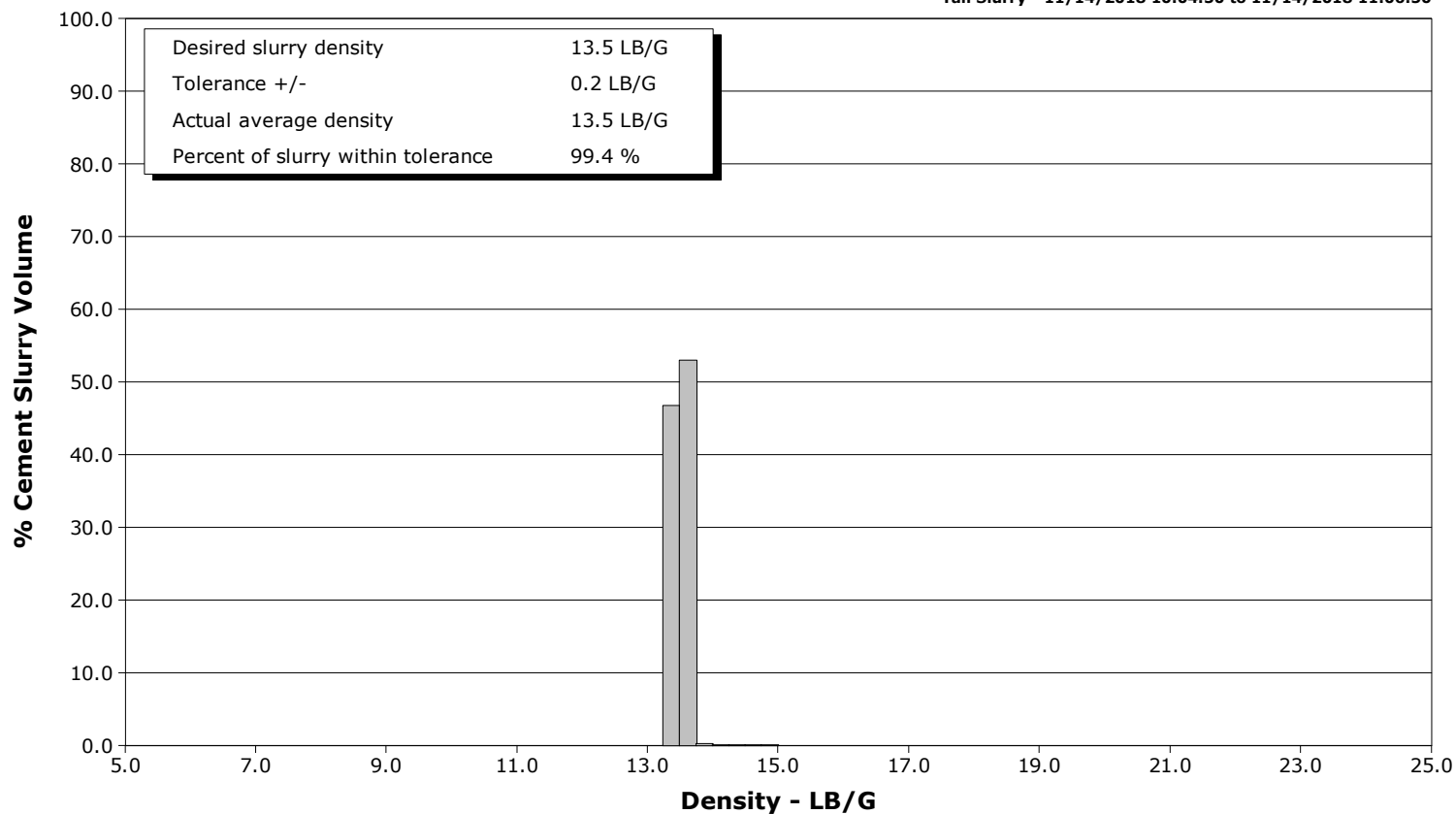
Well Castle Pines 19-3HZ
Field Wattenberg
Engineer Wence Luste
Country United States

Client ANADARKO PETROLEUM
SIR No. DN38-00310
Job Type 5 1/2" Production
Job Date 11-14-2018

Lead Slurry - 11/14/2018 09:17:10 to 11/14/2018 09:58:10



Tail Slurry - 11/14/2018 10:04:50 to 11/14/2018 11:06:50



Page 1 of 9

Well			Field	Job Start		Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg	Nov/14/2018		ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	08:36:50	104	0.0	8.34	10.7		
11/14/2018	08:37:30	107	0.0	8.34	10.7		
11/14/2018	08:38:10	114	0.0	8.34	10.7		
11/14/2018	08:38:50	121	0.0	8.34	10.7		
11/14/2018	08:39:30	125	0.0	8.34	10.7		
11/14/2018	08:40:10	129	0.0	8.34	10.7		
11/14/2018	08:40:50	131	0.0	8.34	10.7		
11/14/2018	08:41:30	132	0.0	8.34	10.7		
11/14/2018	08:42:10	132	0.0	8.34	10.7		
11/14/2018	08:42:50	132	0.0	8.34	10.7		
11/14/2018	08:43:30	131	0.0	8.34	10.7		
11/14/2018	08:44:10	132	0.0	8.34	10.7		
11/14/2018	08:44:50	132	0.0	8.34	10.7		
11/14/2018	08:45:30	132	0.0	8.34	10.7		
11/14/2018	08:46:10	132	0.0	8.34	10.7		
11/14/2018	08:46:35	132	0.0	8.34	10.7	Start Pumping Spacer	
11/14/2018	08:46:50	428	3.9	10.12	10.8		
11/14/2018	08:47:30	294	3.2	10.85	13.4		
11/14/2018	08:48:50	467	3.3	10.85	17.8		
11/14/2018	08:49:30	422	3.4	10.88	20.1		
11/14/2018	08:50:10	442	3.2	10.89	22.4		
11/14/2018	08:50:50	357	3.3	10.89	24.6		
11/14/2018	08:51:30	303	3.3	10.90	26.8		
11/14/2018	08:52:10	348	3.3	10.94	29.0		
11/14/2018	08:52:50	239	3.3	10.93	31.2		
11/14/2018	08:53:30	455	4.5	10.93	33.6		
11/14/2018	08:54:10	535	5.6	10.96	36.7		
11/14/2018	08:54:50	457	4.6	10.92	40.2		
11/14/2018	08:55:30	413	4.5	10.91	43.3		
11/14/2018	08:56:10	486	6.5	10.96	46.4		
11/14/2018	08:56:50	395	4.5	10.88	49.5		
11/14/2018	08:57:30	419	4.6	10.89	52.6		
11/14/2018	08:58:10	379	4.6	10.88	55.6		
11/14/2018	08:58:50	365	4.5	10.89	58.6		
11/14/2018	08:59:30	352	6.3	10.92	61.7		
11/14/2018	09:00:10	356	4.6	10.87	64.9		
11/14/2018	09:00:50	343	4.6	10.88	68.0		
11/14/2018	09:01:30	350	4.5	10.86	71.0		
11/14/2018	09:02:10	344	4.5	10.86	74.0		
11/14/2018	09:02:50	331	4.5	10.87	76.8		
11/14/2018	09:03:30	344	4.4	10.87	79.8		
11/14/2018	09:04:10	330	4.4	11.15	82.8		
11/14/2018	09:04:50	326	4.5	11.01	85.8		
11/14/2018	09:05:30	324	4.5	11.00	88.8		
11/14/2018	09:06:10	93	2.0	11.01	90.7		
11/14/2018	09:06:48	93	1.9	11.06	91.9	End Spacer	
11/14/2018	09:06:49	92	1.9	11.06	91.9	Reset Total, Vol = 82.18 bbl	
11/14/2018	09:06:50	91	1.9	11.06	92.0		
11/14/2018	09:07:30	36	0.0	11.06	92.8		
11/14/2018	09:08:10	31	0.0	11.06	92.8		
11/14/2018	09:08:50	30	0.0	11.06	92.8		
11/14/2018	09:09:30	29	0.0	11.06	92.8		
11/14/2018	09:10:10	29	0.0	11.06	92.8		
11/14/2018	09:10:50	29	0.0	11.06	92.8		

Well			Field	Job Start		Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg	Nov/14/2018		ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	09:12:10	29	0.0	11.28	92.8		
11/14/2018	09:12:50	29	0.0	11.07	92.8		
11/14/2018	09:13:30	29	0.0	11.07	92.8		
11/14/2018	09:14:10	29	0.0	11.07	92.8		
11/14/2018	09:14:50	29	0.0	11.07	92.8		
11/14/2018	09:15:30	29	0.0	11.07	92.8		
11/14/2018	09:16:10	29	0.0	11.07	92.8		
11/14/2018	09:16:50	33	0.1	11.09	92.8		
11/14/2018	09:17:10	265	4.5	12.06	93.9	Start Mixing Lead Slurry	
11/14/2018	09:17:30	261	4.3	12.08	95.4		
11/14/2018	09:18:10	428	4.4	12.05	98.3		
11/14/2018	09:18:50	400	4.4	12.02	101.3		
11/14/2018	09:19:30	405	4.4	12.01	104.2		
11/14/2018	09:20:10	343	4.2	12.17	107.1		
11/14/2018	09:20:50	383	4.2	11.95	109.9		
11/14/2018	09:21:30	286	5.1	11.81	113.0		
11/14/2018	09:22:10	317	4.6	11.80	116.0		
11/14/2018	09:22:50	298	4.5	11.76	119.0		
11/14/2018	09:23:30	302	4.6	11.88	122.1		
11/14/2018	09:24:10	288	4.5	11.80	125.1		
11/14/2018	09:24:50	240	4.5	11.72	128.1		
11/14/2018	09:25:30	231	4.6	11.70	131.2		
11/14/2018	09:26:10	238	4.5	11.70	134.2		
11/14/2018	09:26:50	298	4.5	11.67	137.3		
11/14/2018	09:27:30	303	5.2	11.62	141.2		
11/14/2018	09:28:10	254	4.5	11.56	144.2		
11/14/2018	09:28:50	275	4.6	11.56	147.3		
11/14/2018	09:29:30	277	4.5	11.61	150.3		
11/14/2018	09:30:10	283	4.6	11.70	153.4		
11/14/2018	09:30:50	208	4.6	11.92	156.4		
11/14/2018	09:31:30	239	4.5	11.95	159.5		
11/14/2018	09:32:10	184	4.6	11.91	162.5		
11/14/2018	09:33:30	292	4.6	11.91	168.8		
11/14/2018	09:34:10	234	4.6	11.91	171.9		
11/14/2018	09:34:50	193	4.5	11.91	174.9		
11/14/2018	09:35:30	192	4.6	11.91	178.0		
11/14/2018	09:36:10	337	4.5	11.97	181.0		
11/14/2018	09:36:50	352	4.6	11.96	184.0		
11/14/2018	09:37:30	657	8.4	12.23	187.2		
11/14/2018	09:38:10	734	8.4	12.54	192.8		
11/14/2018	09:38:50	698	8.4	12.52	198.4		
11/14/2018	09:39:30	708	8.4	12.47	204.0		
11/14/2018	09:40:10	691	8.4	12.42	209.6		
11/14/2018	09:40:50	705	8.5	12.44	215.2		
11/14/2018	09:41:30	730	8.4	12.43	220.8		
11/14/2018	09:42:10	700	8.5	12.41	226.4		
11/14/2018	09:42:50	704	8.4	12.39	232.0		
11/14/2018	09:43:30	719	8.4	12.36	237.6		
11/14/2018	09:44:10	711	8.4	12.33	243.2		
11/14/2018	09:44:50	667	8.4	12.41	248.8		
11/14/2018	09:45:30	675	8.4	12.48	254.4		
11/14/2018	09:46:10	680	8.4	12.60	260.0		
11/14/2018	09:46:50	634	8.4	12.63	265.6		
11/14/2018	09:47:30	644	8.4	12.34	271.2		

Well			Field		Job Start		Customer		Job Number	
Castle Pines 19-3HZ 0631784199			Wattenberg		Nov/14/2018		ANADARKO PETROLEUM		DN38-00310	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/14/2018	09:48:50	649	8.4	12.67	282.4					
11/14/2018	09:49:30	607	8.4	12.72	288.0					
11/14/2018	09:50:10	496	6.5	12.00	293.3					
11/14/2018	09:50:50	191	4.5	13.49	297.5					
11/14/2018	09:51:30	157	4.6	14.38	300.5					
11/14/2018	09:52:10	134	4.6	13.63	303.6					
11/14/2018	09:52:50	139	4.5	14.07	306.6					
11/14/2018	09:53:30	117	4.6	14.55	309.6					
11/14/2018	09:54:10	96	4.6	14.67	312.7					
11/14/2018	09:54:50	140	4.6	14.36	315.7					
11/14/2018	09:55:30	261	4.6	12.21	318.8					
11/14/2018	09:56:10	245	4.6	11.89	321.8					
11/14/2018	09:56:50	257	4.5	11.88	324.9					
11/14/2018	09:57:30	252	4.5	11.88	327.9					
11/14/2018	09:58:10	35	0.0	11.87	329.5	End Lead Slurry				
11/14/2018	09:58:11	36	0.0	11.87	329.5	Reset Total, Vol = 236.57 bbl				
11/14/2018	09:58:12	35	0.0	11.87	329.5	End CemFit Heal WellBond				
11/14/2018	09:58:13	36	0.0	11.87	329.5	712 Sacks @ 12 ppg				
11/14/2018	09:58:14	36	0.0	11.87	329.5	Yield=1.84 ft3/sx; MF=7.51 gps				
11/14/2018	09:58:15	36	0.0	11.87	329.5	MudScale @ 12 ppg				
11/14/2018	09:58:16	36	0.0	11.87	329.5	Top Of Lead @ 2500 ft				
11/14/2018	09:58:50	37	0.0	11.88	329.5					
11/14/2018	09:59:30	37	0.0	11.87	329.5					
11/14/2018	10:00:10	37	0.0	11.87	329.5					
11/14/2018	10:01:30	37	0.0	11.88	329.5					
11/14/2018	10:02:10	37	0.0	11.88	329.5					
11/14/2018	10:02:50	37	0.0	11.88	329.5					
11/14/2018	10:03:30	37	0.0	11.88	329.5					
11/14/2018	10:04:50	415	6.4	13.53	336.9	Start Mixing Tail Slurry				
11/14/2018	10:05:30	397	6.5	13.48	341.2					
11/14/2018	10:06:10	435	6.3	13.50	345.5					
11/14/2018	10:06:50	385	6.5	13.56	349.8					
11/14/2018	10:07:30	421	6.5	13.57	354.1					
11/14/2018	10:08:10	354	6.5	13.61	358.4					
11/14/2018	10:08:50	406	6.5	13.63	362.6					
11/14/2018	10:09:30	365	6.4	13.59	366.9					
11/14/2018	10:10:10	385	6.3	13.57	371.2					
11/14/2018	10:10:50	358	6.4	13.56	375.5					
11/14/2018	10:11:30	399	6.4	13.56	379.8					
11/14/2018	10:12:10	379	6.4	13.53	384.1					
11/14/2018	10:12:50	400	6.5	13.57	388.3					
11/14/2018	10:13:30	400	6.4	13.55	392.6					
11/14/2018	10:14:10	395	6.5	13.52	396.9					
11/14/2018	10:14:50	402	6.3	13.56	401.2					
11/14/2018	10:15:30	365	6.5	13.62	405.5					
11/14/2018	10:16:10	387	6.5	13.60	409.8					
11/14/2018	10:16:50	346	6.4	13.59	414.0					
11/14/2018	10:17:30	403	6.5	13.67	418.3					
11/14/2018	10:18:10	344	6.3	13.49	422.6					
11/14/2018	10:18:50	411	6.3	13.55	426.9					
11/14/2018	10:19:30	361	6.4	13.57	431.2					
11/14/2018	10:20:10	395	6.5	13.52	435.5					
11/14/2018	10:20:50	340	6.4	13.61	439.7					
11/14/2018	10:21:30	407	6.4	13.50	444.0					

Well			Field		Job Start		Customer		Job Number	
Castle Pines 19-3HZ 0631784199			Wattenberg		Nov/14/2018		ANADARKO PETROLEUM		DN38-00310	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/14/2018	10:22:50	402	6.4	13.58	452.6					
11/14/2018	10:23:30	407	6.4	13.55	456.8					
11/14/2018	10:24:10	717	6.7	13.46	461.2					
11/14/2018	10:24:50	405	6.5	13.53	466.0					
11/14/2018	10:25:30	368	6.5	13.55	470.3					
11/14/2018	10:26:10	373	6.3	13.56	474.5					
11/14/2018	10:26:50	365	6.4	13.55	478.8					
11/14/2018	10:27:30	365	6.4	13.51	483.1					
11/14/2018	10:28:10	407	6.4	13.48	487.4					
11/14/2018	10:28:50	362	6.5	13.52	491.7					
11/14/2018	10:29:30	411	6.5	13.52	496.0					
11/14/2018	10:30:10	371	6.5	13.53	500.3					
11/14/2018	10:30:50	393	6.4	13.54	504.5					
11/14/2018	10:31:30	398	6.4	13.54	508.8					
11/14/2018	10:32:10	372	6.5	13.50	513.1					
11/14/2018	10:32:50	422	6.5	13.51	517.4					
11/14/2018	10:33:30	387	6.4	13.52	521.7					
11/14/2018	10:34:10	423	6.5	13.53	526.0					
11/14/2018	10:34:50	425	6.4	13.56	530.3					
11/14/2018	10:35:30	400	6.4	13.64	534.5					
11/14/2018	10:36:10	436	6.5	13.56	538.8					
11/14/2018	10:36:50	398	6.4	13.44	543.1					
11/14/2018	10:37:30	417	6.5	13.44	547.4					
11/14/2018	10:38:10	414	6.5	13.42	551.7					
11/14/2018	10:38:50	405	6.4	13.42	556.0					
11/14/2018	10:39:30	404	6.5	13.41	560.3					
11/14/2018	10:40:10	387	6.5	13.41	564.6					
11/14/2018	10:40:50	408	6.5	13.41	568.8					
11/14/2018	10:41:30	404	6.5	13.42	573.1					
11/14/2018	10:42:10	400	6.5	13.46	577.4					
11/14/2018	10:42:50	430	6.4	13.46	581.7					
11/14/2018	10:43:30	399	6.4	13.45	586.0					
11/14/2018	10:44:10	412	6.4	13.46	590.3					
11/14/2018	10:44:50	405	6.5	13.48	594.6					
11/14/2018	10:45:30	407	6.5	13.51	598.9					
11/14/2018	10:46:10	409	6.4	13.53	603.1					
11/14/2018	10:46:50	384	6.5	13.52	607.4					
11/14/2018	10:47:30	420	6.4	13.50	611.7					
11/14/2018	10:48:10	401	6.4	13.50	616.0					
11/14/2018	10:48:50	396	6.4	13.50	620.3					
11/14/2018	10:49:30	408	6.5	13.56	624.6					
11/14/2018	10:50:10	550	8.3	13.71	628.9					
11/14/2018	10:50:50	244	6.5	13.36	633.4					
11/14/2018	10:51:30	499	7.8	13.43	637.9					
11/14/2018	10:52:10	410	8.3	13.43	642.4					
11/14/2018	10:52:50	375	6.5	13.37	646.9					
11/14/2018	10:53:30	358	6.4	13.41	651.2					
11/14/2018	10:54:10	377	6.5	13.43	655.5					
11/14/2018	10:55:30	355	6.5	13.40	664.2					
11/14/2018	10:56:10	344	6.5	13.40	668.5					
11/14/2018	10:56:50	358	6.6	13.40	672.9					
11/14/2018	10:57:30	358	6.5	13.38	677.2					
11/14/2018	10:58:10	350	6.5	13.38	681.5					
11/14/2018	10:58:50	350	6.5	13.38	685.8					

Well			Field		Job Start	Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg		Nov/14/2018	ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	11:00:10	356	6.5	13.37	694.5		
11/14/2018	11:00:50	350	6.5	13.36	698.8		
11/14/2018	11:01:30	358	6.5	13.37	703.2		
11/14/2018	11:02:10	358	6.5	13.36	707.5		
11/14/2018	11:02:50	360	6.5	13.36	711.8		
11/14/2018	11:03:30	365	6.5	13.39	716.2		
11/14/2018	11:04:10	368	6.5	13.40	720.5		
11/14/2018	11:04:50	374	6.5	13.39	724.8		
11/14/2018	11:05:30	360	6.4	13.45	729.2		
11/14/2018	11:06:10	377	6.5	13.32	733.5		
11/14/2018	11:06:50	391	6.6	13.33	737.9	End Tail Slurry	
11/14/2018	11:06:51	370	6.4	13.33	738.0	Reset Total, Vol = 410.01 bbl	
11/14/2018	11:06:52	374	6.5	13.32	738.1	End 50-50 POZ/"G" Slurry	
11/14/2018	11:06:53	360	6.5	13.33	738.2	1390 Sacks @ 13.5 ppg	
11/14/2018	11:06:55	374	6.5	13.33	738.3	MudScale @ 13.5 ppg	
11/14/2018	11:06:56	360	6.5	13.32	738.5	Top Of Tail @ 8000 ft	
11/14/2018	11:07:23	35	0.0	13.31	739.5	Clean Up Unit	
11/14/2018	11:07:30	35	0.0	13.31	739.5		
11/14/2018	11:08:10	36	0.0	13.57	739.5		
11/14/2018	11:08:50	23	0.0	13.07	739.5		
11/14/2018	11:09:30	23	0.0	11.48	739.5		
11/14/2018	11:10:10	23	0.0	10.38	739.5		
11/14/2018	11:10:50	44	0.0	8.95	739.5		
11/14/2018	11:11:30	87	0.0	10.39	739.5		
11/14/2018	11:12:10	87	0.0	10.40	739.5		
11/14/2018	11:12:50	82	0.0	9.92	739.5		
11/14/2018	11:13:30	80	0.0	9.59	739.5		
11/14/2018	11:14:10	73	0.0	9.02	739.5		
11/14/2018	11:14:50	35	0.0	8.60	739.5		
11/14/2018	11:15:30	31	0.0	7.94	739.5		
11/14/2018	11:16:10	68	0.0	8.53	739.5		
11/14/2018	11:16:50	94	4.6	8.70	740.8		
11/14/2018	11:17:30	135	4.6	8.35	743.9		
11/14/2018	11:18:10	106	4.6	8.36	746.9		
11/14/2018	11:18:50	24	0.0	8.49	749.5		
11/14/2018	11:19:30	22	0.1	8.19	749.5		
11/14/2018	11:20:10	21	0.1	8.36	749.6		
11/14/2018	11:20:50	21	0.0	1.65	749.7		
11/14/2018	11:21:02	21	0.0	9.16	749.7	End Wash Up	
11/14/2018	11:21:04	22	0.0	8.98	749.7	Drop Top Plug	
11/14/2018	11:21:16	25	0.0	7.96	749.7	Start Displacement	
11/14/2018	11:21:30	125	4.6	8.38	750.1		
11/14/2018	11:22:10	107	4.6	8.36	753.2		
11/14/2018	11:22:50	181	6.4	8.36	756.6		
11/14/2018	11:23:30	184	6.5	8.36	760.9		
11/14/2018	11:24:10	189	6.5	8.37	765.2		
11/14/2018	11:24:50	289	8.3	8.38	769.7		
11/14/2018	11:25:30	282	8.4	8.35	775.3		
11/14/2018	11:26:10	282	8.3	8.35	780.9		
11/14/2018	11:26:50	279	8.4	8.35	786.4		
11/14/2018	11:27:30	279	8.4	8.35	792.1		
11/14/2018	11:28:10	286	8.4	8.35	797.6		
11/14/2018	11:28:50	280	8.4	8.35	803.2		
11/14/2018	11:29:30	917	8.4	8.36	808.8		

Well			Field		Job Start	Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg		Nov/14/2018	ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	11:30:50	885	8.3	8.35	820.0		
11/14/2018	11:31:30	917	8.4	8.35	825.6		
11/14/2018	11:32:10	971	8.4	8.35	831.2		
11/14/2018	11:32:50	1039	8.4	8.35	836.8		
11/14/2018	11:33:30	1089	8.4	8.35	842.4		
11/14/2018	11:34:10	1138	8.4	8.35	848.0		
11/14/2018	11:34:50	1180	8.4	8.35	853.5		
11/14/2018	11:35:30	1230	8.4	8.35	859.1		
11/14/2018	11:36:10	1272	8.4	8.35	864.7		
11/14/2018	11:36:50	1320	8.4	8.37	870.3		
11/14/2018	11:37:30	1391	8.4	8.35	875.9		
11/14/2018	11:38:10	1437	8.4	8.35	881.5		
11/14/2018	11:38:50	1490	8.4	8.35	887.1		
11/14/2018	11:39:30	1540	8.4	8.35	892.5		
11/14/2018	11:40:10	1644	8.3	8.35	898.3		
11/14/2018	11:40:50	1681	8.3	8.35	903.8		
11/14/2018	11:41:30	1733	8.4	8.35	909.4		
11/14/2018	11:42:10	1823	8.4	8.35	915.0		
11/14/2018	11:42:50	1843	8.3	8.35	920.6		
11/14/2018	11:43:30	1920	8.4	8.35	926.2		
11/14/2018	11:44:10	1958	8.3	8.35	931.8		
11/14/2018	11:44:50	2006	8.4	8.35	937.4		
11/14/2018	11:45:30	2044	8.4	8.35	943.0		
11/14/2018	11:46:10	2065	8.4	8.35	948.5		
11/14/2018	11:46:50	2062	8.4	8.35	954.1		
11/14/2018	11:47:30	2041	8.4	8.35	959.7		
11/14/2018	11:48:10	2062	8.4	8.35	965.3		
11/14/2018	11:48:50	2063	8.4	8.35	970.9		
11/14/2018	11:49:30	2059	8.4	8.35	976.5		
11/14/2018	11:50:10	2081	8.4	8.35	982.1		
11/14/2018	11:50:50	2083	8.4	8.35	987.7		
11/14/2018	11:51:30	2117	8.4	8.35	993.3		
11/14/2018	11:52:10	2132	8.4	8.35	998.9		
11/14/2018	11:52:50	2146	8.4	8.35	1004.4		
11/14/2018	11:53:30	2157	8.4	8.35	1010.0		
11/14/2018	11:54:10	2139	8.4	8.35	1015.6		
11/14/2018	11:54:50	2169	8.4	8.35	1021.2		
11/14/2018	11:55:30	2120	8.3	8.35	1026.8		
11/14/2018	11:56:10	2204	8.3	8.35	1032.4		
11/14/2018	11:56:50	2254	8.4	8.35	1038.0		
11/14/2018	11:57:30	2246	8.4	8.35	1043.6		
11/14/2018	11:58:10	2253	8.4	8.35	1049.2		
11/14/2018	11:58:50	2265	8.4	8.35	1054.7		
11/14/2018	11:59:30	2281	8.4	8.35	1060.3		
11/14/2018	12:00:10	2304	8.4	8.35	1065.9		
11/14/2018	12:00:50	2293	8.3	8.35	1071.5		
11/14/2018	12:01:30	2319	8.4	8.35	1077.1		
11/14/2018	12:02:10	2332	8.4	8.35	1082.7		
11/14/2018	12:02:50	2334	8.4	8.35	1088.3		
11/14/2018	12:03:30	2348	8.4	8.35	1093.9		
11/14/2018	12:04:10	2351	8.0	8.35	1099.3		
11/14/2018	12:05:30	2400	8.0	8.38	1110.1		
11/14/2018	12:06:10	2413	8.0	8.35	1115.4		
11/14/2018	12:06:50	2422	8.0	8.35	1120.8		

Well			Field	Job Start		Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg	Nov/14/2018		ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	12:08:10	2127	6.3	8.35	1129.9		
11/14/2018	12:08:50	1911	4.4	8.35	1133.9		
11/14/2018	12:09:30	1824	4.4	8.35	1136.8		
11/14/2018	12:10:10	1759	4.4	8.35	1139.7		
11/14/2018	12:10:50	1861	4.4	8.35	1142.6		
11/14/2018	12:11:30	1813	4.4	8.35	1145.6		
11/14/2018	12:12:10	1830	4.4	8.35	1148.5		
11/14/2018	12:12:50	1882	4.4	8.35	1151.4		
11/14/2018	12:13:30	1905	4.4	8.35	1154.3		
11/14/2018	12:14:10	1879	4.4	8.35	1157.2		
11/14/2018	12:14:50	1775	3.2	8.35	1160.0		
11/14/2018	12:15:30	1733	3.2	8.35	1162.1		
11/14/2018	12:16:10	1673	3.2	8.35	1164.3		
11/14/2018	12:16:50	1700	3.2	8.35	1166.4		
11/14/2018	12:17:30	1687	3.2	8.35	1168.5		
11/14/2018	12:18:10	1693	3.2	8.35	1170.7		
11/14/2018	12:18:50	1719	3.2	8.35	1172.8		
11/14/2018	12:19:30	2326	3.2	8.35	1174.9	Bump Top Plug	
11/14/2018	12:19:31	2482	3.2	8.35	1175.0	End Displacement	
11/14/2018	12:19:32	2589	3.2	8.35	1175.0	Reset Total, Vol = 426.18 bbl	
11/14/2018	12:20:10	2961	0.0	8.35	1175.8		
11/14/2018	12:20:19	2999	0.0	8.35	1175.8	Pressure Test Casing	
11/14/2018	12:20:50	2883	0.0	8.35	1175.8		
11/14/2018	12:21:30	2954	0.0	8.35	1175.8		
11/14/2018	12:22:10	2946	0.0	8.35	1175.8		
11/14/2018	12:22:50	2965	0.0	8.35	1175.8		
11/14/2018	12:23:30	2986	0.0	8.35	1175.8		
11/14/2018	12:24:10	2984	0.0	8.35	1175.8		
11/14/2018	12:24:50	3010	0.0	8.35	1175.8		
11/14/2018	12:25:30	3015	0.0	8.35	1175.8		
11/14/2018	12:26:10	3034	0.0	8.35	1175.8		
11/14/2018	12:26:50	3041	0.0	8.35	1175.8		
11/14/2018	12:27:30	3057	0.0	8.35	1175.8		
11/14/2018	12:28:10	3066	0.0	8.35	1175.8		
11/14/2018	12:28:50	3079	0.0	8.35	1175.8		
11/14/2018	12:29:30	3091	0.0	8.35	1175.8		
11/14/2018	12:30:10	3101	0.0	8.35	1175.8		
11/14/2018	12:30:50	3112	0.0	8.35	1175.8		
11/14/2018	12:31:30	3122	0.0	8.35	1175.8		
11/14/2018	12:32:05	3132	0.0	8.35	1175.8	Pressure Up to Open Wet Shoe Sub	
11/14/2018	12:32:06	3131	0.0	8.35	1175.8	Open @ 4600 psi	
11/14/2018	12:32:07	3131	0.0	8.35	1175.8	Pump 5bbl Water	
11/14/2018	12:32:10	3133	0.0	8.35	1175.8		
11/14/2018	12:32:50	3143	0.0	8.35	1175.8		
11/14/2018	12:33:30	3153	0.0	8.35	1175.8		
11/14/2018	12:33:41	3156	0.0	8.35	1175.8	Bleed Off. Check Float	
11/14/2018	12:33:42	3156	0.0	8.35	1175.8	Float Held. 2bbl Back	
11/14/2018	12:33:43	3157	0.0	8.35	1175.8	Rotation at 30 rpm	
11/14/2018	12:33:44	3157	0.0	8.35	1175.8	From Last 50 of lead to bump Plug	
11/14/2018	12:34:10	3164	0.0	8.35	1175.8		
11/14/2018	12:34:50	3174	0.0	8.35	1175.8		
11/14/2018	12:35:30	3184	0.0	8.35	1175.8		
11/14/2018	12:36:10	3747	2.2	8.35	1176.4		
11/14/2018	12:36:50	3829	2.2	8.35	1177.9		

Well			Field		Job Start	Customer	Job Number
Castle Pines 19-3HZ 0631784199			Wattenberg		Nov/14/2018	ANADARKO PETROLEUM	DN38-00310
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/14/2018	12:38:10	2284	2.2	8.35	1180.8		
11/14/2018	12:38:50	2204	2.2	8.35	1182.2		
11/14/2018	12:39:30	1532	0.0	8.35	1182.4		
11/14/2018	12:40:10	440	0.0	8.35	1182.4		
11/14/2018	12:40:50	22	0.0	8.35	1182.4		
11/14/2018	12:42:10	22	0.0	8.35	1182.4		
11/14/2018	12:42:50	22	0.0	8.35	1182.4		
11/14/2018	12:43:30	22	0.0	8.35	1182.4		
11/14/2018	12:44:10	22	0.0	8.35	1182.4		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry	N2	Mud	Maximum Rate		Total Slurry 646.6	Mud	Spacer 82.2	N2				
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 6500	Final 0	Average	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 638.9 bbl	Displacement 408.0 bbl	Mix Water Temp 66 degF	Cement Circulated to Surface?		<input checked="" type="checkbox"/>	Volume bbl					
				Washed Thru Perfs		<input type="checkbox"/>	To ft					
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
Josh Barkell / James Adkins			Wence Luste			-	-					