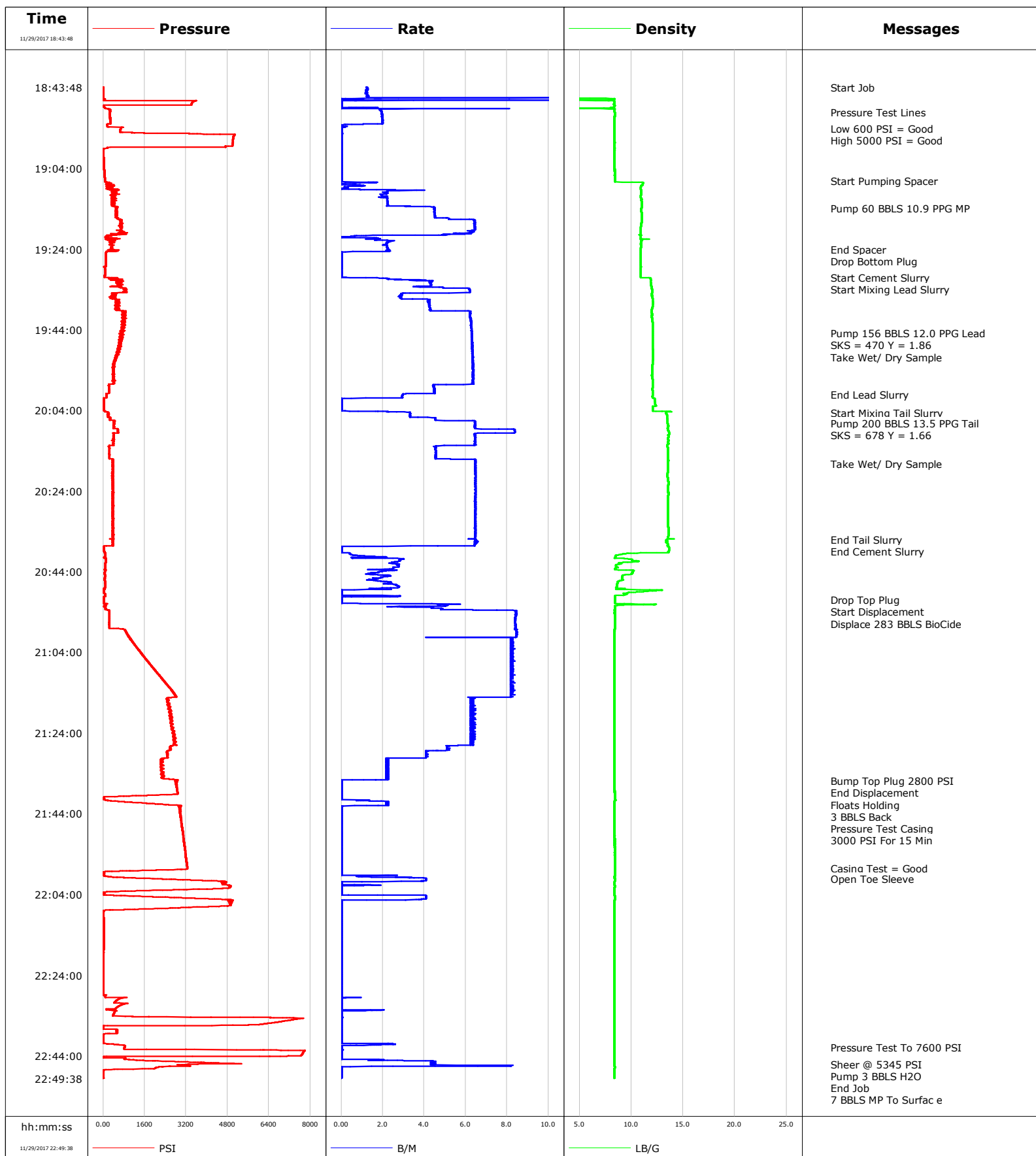


Well Burough 27C-17HZ
Field Wattenberg
Engineer Conley Jensen/ Joe Sanchez
Country United States

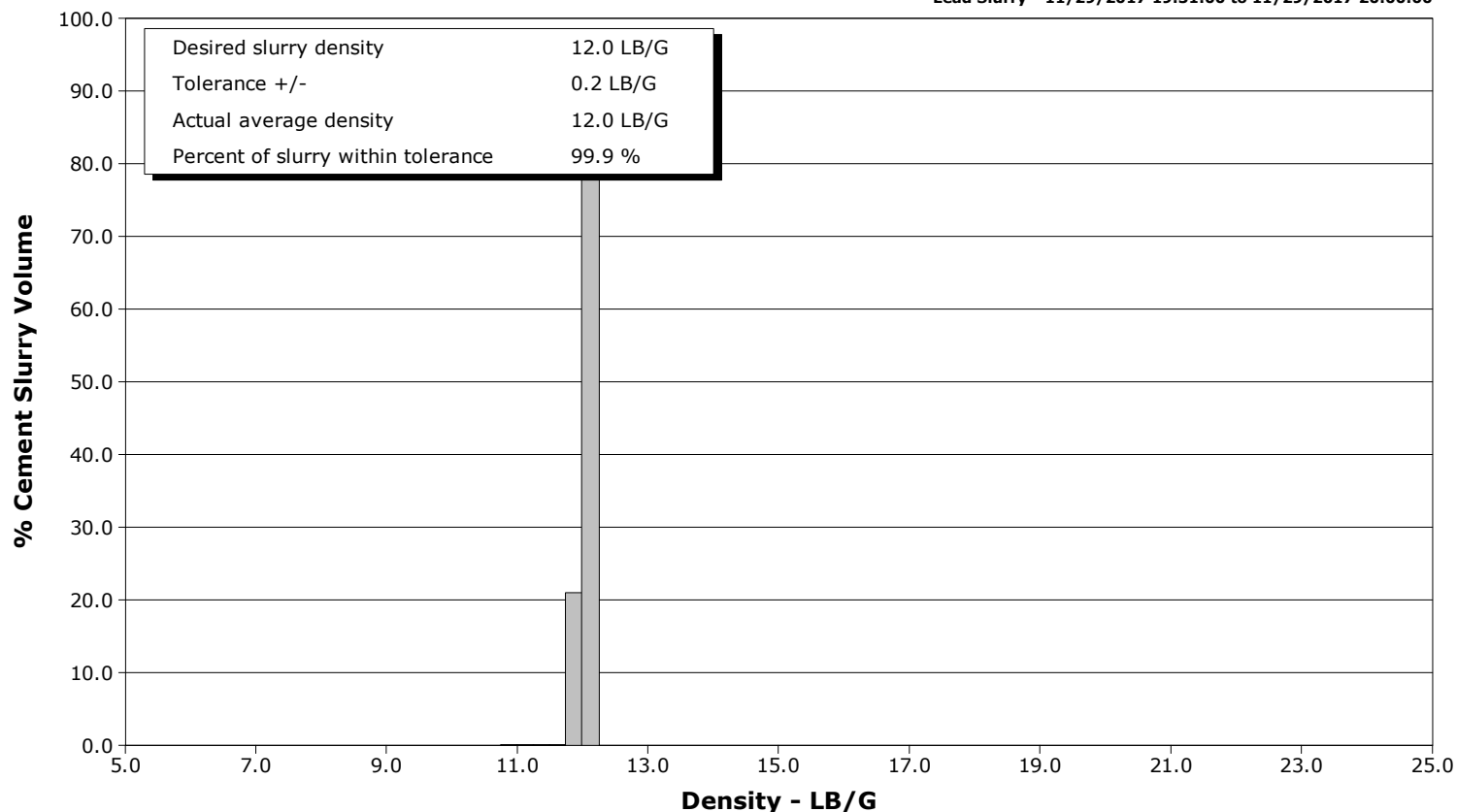
Client Anadarko
SIR No. 2626037
Job Type 5.5" Monobore
Job Date 11-29-2017



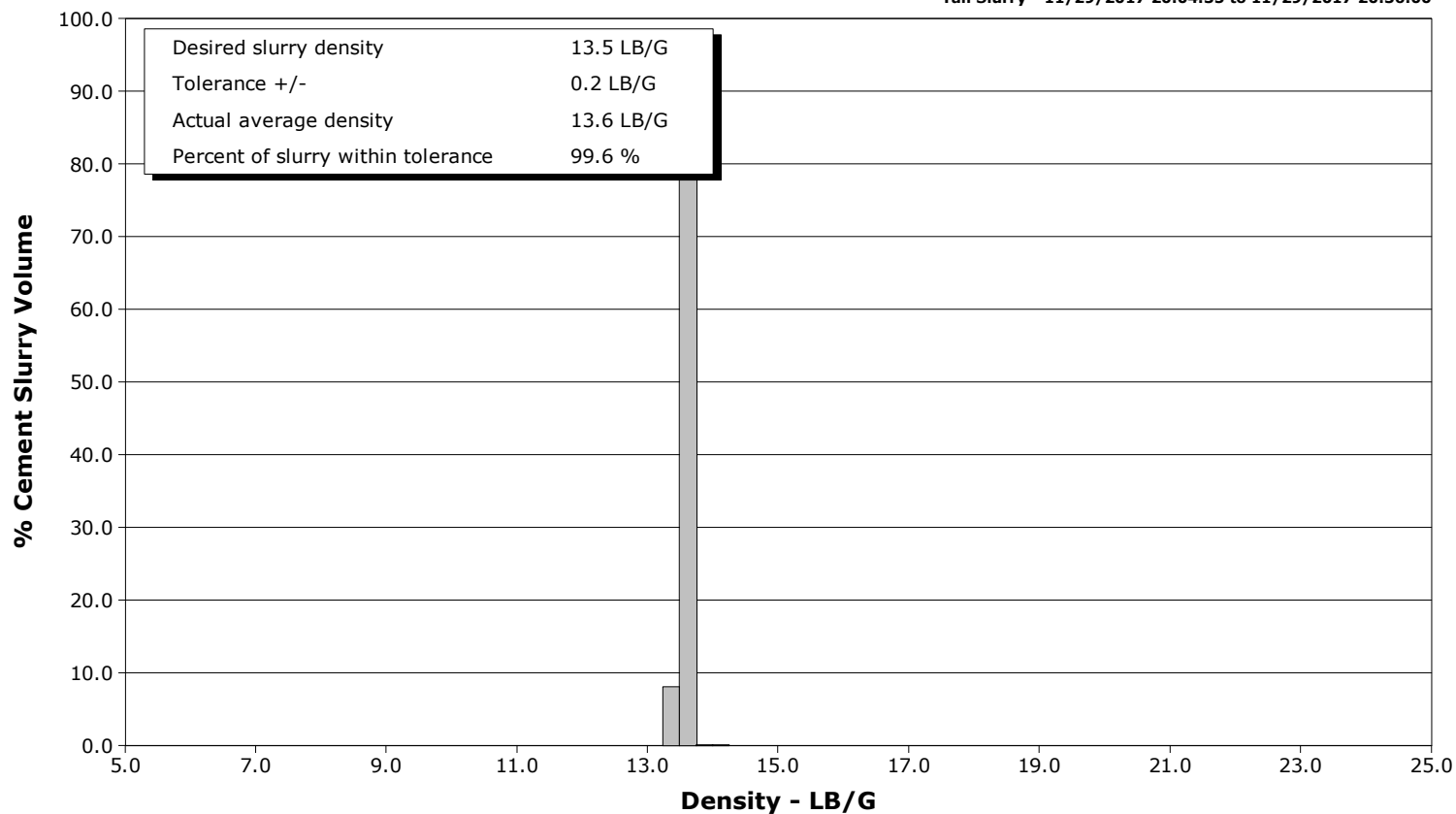
Well Burough
Field Wattenberg
Engineer Conley Jensen/ Joe Sanchez
Country United States

Client Anadarko
SIR No. 2626037
Job Type 5.5" Monobore
Job Date 11-29-2017

Lead Slurry - 11/29/2017 19:31:00 to 11/29/2017 20:00:00



Tail Slurry - 11/29/2017 20:04:35 to 11/29/2017 20:36:00



				Customer Anadarko			Job Number 2626037				
Well Borough 27C-17HZ			Location (legal)			Schlumberger Location CWY			Job Start Nov/29/2017		
Field Wattenberg		Formation Name/Type Shale		Deviation deg		Bit Size 7.9 in		Well MD 12192.0 ft		Well TVD 7555.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 234 degF		BHCT 209 degF		Pore Press. Gradient lb/gal	
Well Master 0631732636		API/UWI 05123452270000									
Rig Name Precision 564		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		1913.0		9.6		36.0	
						12192.0		5.5		17.0	
										J55	
										P110	
										8RD	
										8RD	
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
										Thread	
Service Line Cementing		Job Type 5.5" Monobore									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Double Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 283.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 283.0 bbl		Annular Vol. 409.0 bbl	
										Openhole Vol. 725.0 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 Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12192.0 ft		Tool Type			
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type		Tool Depth ft			
Cement Head Type Double						Stage Tool Depth ft		Tail Pipe Size in			
Job Scheduled For Nov/29/2017 15:30		Arrived on Location Nov/29/2017 15:30		Leave Location Nov/30/2017 00:00		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 12184.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
11/29/2017	18:43:48	3	1.2	0.07	0.0	Started Acquisition					
11/29/2017	18:43:51	3	1.2	0.07	0.0	Start Job					
11/29/2017	18:44:18	3	1.3	0.07	0.0						
11/29/2017	18:44:48	3	1.2	0.07	0.0						
11/29/2017	18:45:18	3	1.2	0.07	0.0						
11/29/2017	18:45:48	3	1.3	0.07	0.0						
11/29/2017	18:46:18	3	1.3	0.07	0.0						
11/29/2017	18:46:48	67	0.5	8.39	0.0						
11/29/2017	18:47:18	3534	0.0	8.38	0.5						
11/29/2017	18:47:48	3424	0.0	8.37	0.5						
11/29/2017	18:48:18	3392	0.0	8.38	0.5						
11/29/2017	18:48:48	36	0.0	8.37	0.5						
11/29/2017	18:49:18	237	1.8	8.40	1.4						
11/29/2017	18:49:48	262	1.9	8.39	2.3						
11/29/2017	18:50:00	264	2.0	8.40	2.7	Pressure Test Lines					
11/29/2017	18:50:18	264	2.0	8.40	3.3						
11/29/2017	18:50:48	265	2.0	8.40	4.3						
11/29/2017	18:51:18	267	2.0	8.40	5.3						
11/29/2017	18:51:48	271	2.0	8.40	6.2						
11/29/2017	18:52:18	278	2.0	8.40	7.2						
11/29/2017	18:52:48	277	2.0	8.40	8.2						

Well			Field	Job Start		Customer	Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko	2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/29/2017	18:53:48	726	0.1	8.39	8.7			
11/29/2017	18:54:00	686	0.0	8.39	8.7	Low 600 PSI = Good		
11/29/2017	18:54:18	669	0.0	8.40	8.7			
11/29/2017	18:54:48	663	0.0	8.40	8.7			
11/29/2017	18:55:18	3318	0.1	8.40	8.7			
11/29/2017	18:55:48	5048	0.0	8.39	8.7			
11/29/2017	18:56:00	5032	0.0	8.40	8.7	High 5000 PSI = Good		
11/29/2017	18:56:18	5024	0.0	8.40	8.7			
11/29/2017	18:56:48	5013	0.0	8.40	8.7			
11/29/2017	18:57:18	5003	0.0	8.40	8.7			
11/29/2017	18:57:48	4995	0.0	8.40	8.7			
11/29/2017	18:58:18	4987	0.0	8.40	8.7			
11/29/2017	18:58:48	167	0.0	8.40	8.7			
11/29/2017	18:59:18	12	0.0	8.40	8.7			
11/29/2017	18:59:48	14	0.0	8.40	8.7			
11/29/2017	19:00:18	15	0.0	8.39	8.7			
11/29/2017	19:00:48	17	0.0	8.39	8.7			
11/29/2017	19:01:18	19	0.0	8.39	8.7			
11/29/2017	19:01:48	22	0.0	8.39	8.7			
11/29/2017	19:02:18	25	0.0	8.39	8.7			
11/29/2017	19:02:48	27	0.0	8.39	8.7			
11/29/2017	19:03:18	30	0.0	8.39	8.7			
11/29/2017	19:03:48	33	0.0	8.40	8.7			
11/29/2017	19:04:18	38	0.0	8.40	8.7			
11/29/2017	19:04:48	43	0.0	8.40	8.7			
11/29/2017	19:05:18	48	0.0	8.40	8.7			
11/29/2017	19:05:48	53	0.0	8.40	8.7			
11/29/2017	19:06:18	59	0.0	8.40	8.7			
11/29/2017	19:06:48	66	0.0	8.41	8.7			
11/29/2017	19:07:00	69	0.0	8.41	8.7	Start Pumping Spacer		
11/29/2017	19:07:18	71	0.0	8.41	8.7			
11/29/2017	19:07:48	118	0.0	11.10	9.1			
11/29/2017	19:08:18	446	1.1	10.94	9.4			
11/29/2017	19:08:48	247	0.3	10.93	9.6			
11/29/2017	19:09:18	545	2.6	10.94	9.9			
11/29/2017	19:09:48	397	2.2	10.94	11.2			
11/29/2017	19:10:18	351	2.2	10.94	12.2			
11/29/2017	19:10:48	397	2.0	10.90	13.2			
11/29/2017	19:11:18	455	2.2	10.93	14.3			
11/29/2017	19:11:48	337	2.2	10.98	15.4			
11/29/2017	19:12:18	463	2.2	10.98	16.5			
11/29/2017	19:12:48	337	2.2	10.99	17.6			
11/29/2017	19:13:18	336	3.3	10.99	18.8			
11/29/2017	19:13:48	485	4.5	10.98	20.8			
11/29/2017	19:13:56	527	4.5	10.97	21.4	Pump 60 BBLS 10.9 PPG MP		
11/29/2017	19:14:18	482	4.5	10.96	23.1			
11/29/2017	19:14:48	511	4.5	10.98	25.3			
11/29/2017	19:15:18	478	4.5	11.00	27.6			
11/29/2017	19:15:48	497	4.5	11.01	29.8			
11/29/2017	19:16:18	565	5.2	11.02	32.1			
11/29/2017	19:16:48	712	6.4	11.01	34.9			
11/29/2017	19:17:18	702	6.4	10.99	38.2			
11/29/2017	19:17:48	715	6.4	10.96	41.4			
11/29/2017	19:18:18	740	6.4	10.94	44.6			

Well			Field		Job Start		Customer		Job Number	
Borough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko		2626037	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/29/2017	19:19:18	741	6.4	10.91	51.0					
11/29/2017	19:19:48	692	6.3	10.93	54.2					
11/29/2017	19:20:18	567	5.0	10.91	57.2					
11/29/2017	19:20:48	183	0.6	10.92	58.7					
11/29/2017	19:21:18	128	1.6	10.91	59.0					
11/29/2017	19:21:48	358	2.2	11.04	59.8					
11/29/2017	19:22:18	345	2.2	10.97	61.0					
11/29/2017	19:22:48	255	2.2	10.93	62.1					
11/29/2017	19:23:18	327	2.2	10.96	63.2					
11/29/2017	19:23:48	333	2.2	10.91	64.3					
11/29/2017	19:24:00	339	2.2	10.91	64.7	End Spacer				
11/29/2017	19:24:18	320	2.2	10.90	65.4					
11/29/2017	19:24:48	116	0.0	10.89	66.1					
11/29/2017	19:25:18	108	0.0	10.89	66.1					
11/29/2017	19:25:48	106	0.0	10.89	66.1					
11/29/2017	19:26:18	105	0.0	10.89	66.1					
11/29/2017	19:26:48	102	0.0	10.89	66.1					
11/29/2017	19:27:18	102	0.0	10.89	66.1					
11/29/2017	19:27:48	102	0.0	10.89	66.1					
11/29/2017	19:28:18	101	0.0	10.89	66.1					
11/29/2017	19:28:48	74	0.0	10.90	66.1					
11/29/2017	19:29:18	80	0.0	10.89	66.1					
11/29/2017	19:29:48	85	0.0	10.90	66.1					
11/29/2017	19:30:18	89	0.0	10.90	66.2					
11/29/2017	19:30:48	42	0.0	10.92	66.2					
11/29/2017	19:31:00	55	0.0	10.93	66.2	Start Cement Slurry				
11/29/2017	19:31:18	229	2.3	11.86	66.6					
11/29/2017	19:31:48	492	4.3	11.88	68.1					
11/29/2017	19:32:18	635	4.3	11.89	70.3					
11/29/2017	19:32:48	586	4.3	11.91	72.5					
11/29/2017	19:33:18	404	3.5	11.95	74.5					
11/29/2017	19:33:48	830	6.2	11.98	77.1					
11/29/2017	19:34:18	897	6.2	12.00	80.2					
11/29/2017	19:34:48	745	6.2	12.00	83.3					
11/29/2017	19:35:18	379	2.9	11.98	84.9					
11/29/2017	19:35:48	379	2.9	12.00	86.3					
11/29/2017	19:36:18	354	2.9	12.05	87.7					
11/29/2017	19:36:48	569	4.2	12.07	89.8					
11/29/2017	19:37:18	503	4.2	12.09	91.9					
11/29/2017	19:37:48	504	4.3	12.07	94.0					
11/29/2017	19:38:18	530	4.2	12.05	96.1					
11/29/2017	19:38:48	476	4.3	11.99	98.2					
11/29/2017	19:39:18	761	5.5	11.97	100.4					
11/29/2017	19:39:48	863	6.2	11.98	103.5					
11/29/2017	19:40:18	878	6.2	11.99	106.6					
11/29/2017	19:40:48	810	6.2	11.97	109.7					
11/29/2017	19:41:18	849	6.2	12.03	112.8					
11/29/2017	19:41:48	841	6.3	12.02	116.0					
11/29/2017	19:42:18	793	6.3	12.06	119.1					
11/29/2017	19:42:48	823	6.3	12.08	122.2					
11/29/2017	19:43:18	766	6.3	12.07	125.3					
11/29/2017	19:43:48	762	6.3	12.07	128.5					
11/29/2017	19:44:18	674	6.3	12.07	131.6					
11/29/2017	19:44:48	752	6.3	12.06	134.8					

Well			Field	Job Start		Customer	Job Number
Burough 27C-17HZ			Wattenberg	Nov/29/2017		Anadarko	2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/29/2017	19:44:52	742	6.3	12.06	135.2	Take Wet/ Dry Sample	
11/29/2017	19:45:18	712	6.3	12.05	137.9		
11/29/2017	19:45:48	623	6.3	12.05	141.0		
11/29/2017	19:46:18	664	6.3	12.05	144.2		
11/29/2017	19:46:48	714	6.3	12.06	147.3		
11/29/2017	19:47:18	705	6.3	12.07	150.5		
11/29/2017	19:47:48	661	6.3	12.07	153.7		
11/29/2017	19:48:18	665	6.3	12.07	156.8		
11/29/2017	19:48:48	558	6.3	12.08	160.0		
11/29/2017	19:49:18	609	6.3	12.09	163.1		
11/29/2017	19:49:48	572	6.3	12.09	166.3		
11/29/2017	19:50:18	491	6.3	12.09	169.5		
11/29/2017	19:50:48	475	6.3	12.09	172.6		
11/29/2017	19:51:18	458	6.3	12.08	175.8		
11/29/2017	19:51:48	458	6.3	12.08	179.0		
11/29/2017	19:52:18	463	6.3	12.06	182.1		
11/29/2017	19:52:48	413	6.3	12.03	185.3		
11/29/2017	19:53:18	438	6.3	12.01	188.5		
11/29/2017	19:53:48	408	6.4	12.01	191.7		
11/29/2017	19:54:18	373	6.4	12.02	194.8		
11/29/2017	19:54:48	388	6.3	12.03	198.0		
11/29/2017	19:55:18	384	6.4	11.96	201.2		
11/29/2017	19:55:48	402	6.4	12.00	204.4		
11/29/2017	19:56:18	413	6.3	12.05	207.6		
11/29/2017	19:56:48	395	6.4	12.07	210.7		
11/29/2017	19:57:18	367	6.4	12.07	213.9		
11/29/2017	19:57:48	203	4.4	12.08	216.6		
11/29/2017	19:58:18	222	4.5	12.07	218.8		
11/29/2017	19:58:48	230	4.5	12.00	221.1		
11/29/2017	19:59:18	247	4.5	12.04	223.3		
11/29/2017	19:59:48	125	4.1	12.04	225.6		
11/29/2017	20:00:00	125	3.0	12.04	226.2	End Lead Slurry	
11/29/2017	20:00:18	121	2.9	12.04	227.1		
11/29/2017	20:00:48	120	2.9	12.04	228.5		
11/29/2017	20:01:18	31	0.0	12.25	228.9		
11/29/2017	20:01:48	32	0.0	12.27	228.9		
11/29/2017	20:02:18	33	0.0	12.30	228.9		
11/29/2017	20:02:48	33	0.0	12.35	228.9		
11/29/2017	20:03:18	33	0.0	12.05	228.9		
11/29/2017	20:03:48	34	0.0	12.05	229.0		
11/29/2017	20:04:18	76	2.3	13.86	229.2		
11/29/2017	20:04:35	205	3.3	13.34	230.1	Start Mixing Tail Slurry	
11/29/2017	20:04:48	223	3.3	13.37	230.8		
11/29/2017	20:05:18	219	3.3	13.45	232.5		
11/29/2017	20:05:48	271	4.5	13.45	234.2		
11/29/2017	20:06:18	269	4.5	13.48	236.5		
11/29/2017	20:06:48	436	6.5	13.51	239.3		
11/29/2017	20:07:12	423	6.5	13.51	241.9	Pump 200 BBLS 13.5 PPG Tail	
11/29/2017	20:07:18	429	6.5	13.52	242.6		
11/29/2017	20:07:24	406	6.5	13.53	243.2	SKS = 678 Y = 1.66	
11/29/2017	20:07:48	417	6.4	13.57	245.8		
11/29/2017	20:08:18	416	6.4	13.52	249.0		
11/29/2017	20:08:48	575	8.4	13.54	252.6		
11/29/2017	20:09:18	584	8.4	13.62	256.8		

Well			Field		Job Start		Customer		Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko		2626037	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/29/2017	20:10:18	409	6.4	13.58	263.9					
11/29/2017	20:10:48	408	6.5	13.56	267.1					
11/29/2017	20:11:18	387	6.5	13.56	270.3					
11/29/2017	20:11:48	396	6.5	13.54	273.6					
11/29/2017	20:12:18	387	6.4	13.57	276.8					
11/29/2017	20:12:48	240	4.6	13.44	279.8					
11/29/2017	20:13:18	242	4.6	13.55	282.1					
11/29/2017	20:13:48	247	4.5	13.55	284.4					
11/29/2017	20:14:18	244	4.6	13.54	286.7					
11/29/2017	20:14:48	245	4.6	13.54	288.9					
11/29/2017	20:15:18	244	4.6	13.53	291.2					
11/29/2017	20:15:48	246	4.6	13.52	293.5					
11/29/2017	20:16:18	387	6.5	13.56	296.2					
11/29/2017	20:16:48	353	6.5	13.56	299.5					
11/29/2017	20:17:13	368	6.5	13.55	302.2	Take Wet/ Dry Sample				
11/29/2017	20:17:18	353	6.5	13.55	302.7					
11/29/2017	20:17:48	384	6.4	13.56	305.9					
11/29/2017	20:18:18	381	6.5	13.56	309.2					
11/29/2017	20:18:48	384	6.5	13.55	312.4					
11/29/2017	20:19:18	398	6.5	13.54	315.6					
11/29/2017	20:19:48	367	6.5	13.48	318.9					
11/29/2017	20:20:18	383	6.5	13.47	322.1					
11/29/2017	20:20:48	377	6.5	13.54	325.3					
11/29/2017	20:21:18	365	6.5	13.56	328.6					
11/29/2017	20:21:48	379	6.5	13.57	331.8					
11/29/2017	20:22:18	390	6.5	13.57	335.0					
11/29/2017	20:22:48	373	6.5	13.56	338.2					
11/29/2017	20:23:18	390	6.5	13.56	341.5					
11/29/2017	20:23:48	377	6.5	13.56	344.7					
11/29/2017	20:24:18	388	6.5	13.57	347.9					
11/29/2017	20:24:48	352	6.5	13.57	351.2					
11/29/2017	20:25:18	368	6.5	13.56	354.4					
11/29/2017	20:25:48	372	6.5	13.55	357.6					
11/29/2017	20:26:18	379	6.5	13.54	360.9					
11/29/2017	20:26:48	385	6.5	13.53	364.1					
11/29/2017	20:27:18	390	6.5	13.54	367.3					
11/29/2017	20:27:48	368	6.5	13.55	370.6					
11/29/2017	20:28:18	381	6.5	13.55	373.8					
11/29/2017	20:28:48	388	6.5	13.54	377.0					
11/29/2017	20:29:18	359	6.4	13.54	380.2					
11/29/2017	20:29:48	389	6.5	13.55	383.5					
11/29/2017	20:30:18	369	6.5	13.56	386.7					
11/29/2017	20:30:48	369	6.5	13.56	389.9					
11/29/2017	20:31:18	383	6.5	13.56	393.2					
11/29/2017	20:31:48	385	6.4	13.55	396.4					
11/29/2017	20:32:18	403	6.5	13.54	399.6					
11/29/2017	20:32:48	381	6.5	13.56	402.9					
11/29/2017	20:33:18	379	6.5	13.57	406.1					
11/29/2017	20:33:48	394	6.5	13.59	409.3					
11/29/2017	20:34:18	380	6.5	13.60	412.5					
11/29/2017	20:34:48	355	6.5	13.60	415.8					
11/29/2017	20:35:18	363	6.5	13.56	419.0					
11/29/2017	20:35:48	391	6.5	13.55	422.2					
11/29/2017	20:36:00	374	6.5	13.43	423.5	End Tail Slurry				

Well			Field		Job Start		Customer		Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko		2626037	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
11/29/2017	20:36:48	369	6.5	13.41	428.7					
11/29/2017	20:37:18	378	6.4	13.52	431.9					
11/29/2017	20:37:48	36	0.0	13.56	434.1					
11/29/2017	20:38:18	37	0.0	13.65	434.1					
11/29/2017	20:38:48	37	0.0	13.64	434.1					
11/29/2017	20:39:18	78	0.1	12.47	434.1					
11/29/2017	20:39:48	81	0.5	8.82	434.3					
11/29/2017	20:40:18	78	2.1	8.46	434.8					
11/29/2017	20:40:48	106	3.0	9.60	435.6					
11/29/2017	20:41:18	109	2.8	10.49	437.0					
11/29/2017	20:41:48	96	2.5	8.82	438.4					
11/29/2017	20:42:18	94	2.7	8.54	439.7					
11/29/2017	20:42:48	91	2.8	8.60	441.0					
11/29/2017	20:43:18	80	2.4	8.43	442.3					
11/29/2017	20:43:48	78	2.1	10.19	443.4					
11/29/2017	20:44:18	66	1.4	10.11	444.3					
11/29/2017	20:44:48	83	1.9	9.31	445.1					
11/29/2017	20:45:18	65	2.0	9.12	446.2					
11/29/2017	20:45:48	62	1.6	9.10	447.1					
11/29/2017	20:46:18	68	1.9	8.81	447.8					
11/29/2017	20:46:48	74	2.3	8.66	449.0					
11/29/2017	20:47:18	94	2.7	8.59	450.2					
11/29/2017	20:47:48	92	2.8	8.58	451.5					
11/29/2017	20:48:18	39	1.6	9.24	452.6					
11/29/2017	20:48:48	24	0.0	11.76	452.9					
11/29/2017	20:49:18	32	0.0	9.56	452.9					
11/29/2017	20:49:48	72	0.0	9.27	452.9					
11/29/2017	20:50:18	30	0.0	8.42	453.7					
11/29/2017	20:50:48	31	0.0	8.42	453.7					
11/29/2017	20:51:00	32	0.0	8.41	453.7	Drop Top Plug				
11/29/2017	20:51:18	32	0.0	8.41	453.7					
11/29/2017	20:51:48	32	0.0	8.41	453.7					
11/29/2017	20:52:18	111	5.1	8.65	455.6					
11/29/2017	20:52:48	81	4.4	8.40	457.6					
11/29/2017	20:53:18	88	4.9	8.40	459.9					
11/29/2017	20:53:48	232	8.4	8.40	463.5					
11/29/2017	20:54:18	233	8.4	8.40	467.7					
11/29/2017	20:54:48	235	8.4	8.43	471.9					
11/29/2017	20:55:18	235	8.4	8.43	476.1					
11/29/2017	20:55:48	237	8.4	8.42	480.3					
11/29/2017	20:56:18	233	8.4	8.40	484.5					
11/29/2017	20:56:47	232	8.4	8.40	488.5	Displace 283 BBLS BioCide				
11/29/2017	20:56:48	243	8.4	8.40	488.7					
11/29/2017	20:57:18	236	8.4	8.40	492.9					
11/29/2017	20:57:48	238	8.4	8.40	497.1					
11/29/2017	20:58:18	812	8.4	8.40	501.3					
11/29/2017	20:58:48	877	8.4	8.40	505.5					
11/29/2017	20:59:18	918	8.4	8.40	509.7					
11/29/2017	20:59:48	950	8.4	8.39	514.0					
11/29/2017	21:00:18	994	8.2	8.39	518.1					
11/29/2017	21:00:48	1088	8.3	8.39	522.2					
11/29/2017	21:01:18	1131	8.2	8.39	526.3					
11/29/2017	21:01:48	1174	8.2	8.39	530.4					
11/29/2017	21:02:18	1248	8.2	8.39	534.5					

Well			Field	Job Start		Customer	Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko	2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/29/2017	21:03:18	1362	8.2	8.39	542.7			
11/29/2017	21:03:48	1419	8.2	8.39	546.8			
11/29/2017	21:04:18	1493	8.2	8.39	550.9			
11/29/2017	21:04:48	1547	8.2	8.39	554.9			
11/29/2017	21:05:18	1607	8.2	8.39	559.0			
11/29/2017	21:05:48	1660	8.3	8.39	563.1			
11/29/2017	21:06:18	1744	8.2	8.39	567.2			
11/29/2017	21:06:48	1783	8.2	8.39	571.3			
11/29/2017	21:07:18	1844	8.2	8.39	575.4			
11/29/2017	21:07:48	1907	8.2	8.39	579.5			
11/29/2017	21:08:18	1994	8.3	8.39	583.6			
11/29/2017	21:08:48	2051	8.2	8.39	587.7			
11/29/2017	21:09:18	2128	8.2	8.39	591.8			
11/29/2017	21:09:48	2195	8.2	8.39	595.9			
11/29/2017	21:10:18	2249	8.2	8.39	599.9			
11/29/2017	21:10:48	2296	8.2	8.39	604.0			
11/29/2017	21:11:18	2361	8.3	8.39	608.1			
11/29/2017	21:11:48	2439	8.2	8.39	612.2			
11/29/2017	21:12:18	2500	8.3	8.39	616.3			
11/29/2017	21:12:48	2583	8.2	8.39	620.4			
11/29/2017	21:13:18	2642	8.2	8.39	624.5			
11/29/2017	21:13:48	2703	8.2	8.39	628.6			
11/29/2017	21:14:18	2733	8.2	8.39	632.7			
11/29/2017	21:14:48	2781	8.2	8.39	636.8			
11/29/2017	21:15:18	2499	6.4	8.39	640.6			
11/29/2017	21:15:48	2542	6.4	8.39	643.8			
11/29/2017	21:16:18	2473	6.4	8.38	646.9			
11/29/2017	21:16:48	2513	6.2	8.38	650.1			
11/29/2017	21:17:18	2533	6.2	8.39	653.2			
11/29/2017	21:17:48	2581	6.2	8.39	656.4			
11/29/2017	21:18:18	2602	6.4	8.39	659.5			
11/29/2017	21:18:48	2528	6.4	8.39	662.7			
11/29/2017	21:19:18	2622	6.4	8.39	665.8			
11/29/2017	21:19:48	2602	6.2	8.39	669.0			
11/29/2017	21:20:18	2633	6.2	8.39	672.2			
11/29/2017	21:20:48	2613	6.2	8.39	675.3			
11/29/2017	21:21:18	2595	6.2	8.39	678.5			
11/29/2017	21:21:48	2681	6.4	8.39	681.6			
11/29/2017	21:22:18	2626	6.4	8.39	684.8			
11/29/2017	21:22:48	2677	6.4	8.39	688.0			
11/29/2017	21:23:18	2680	6.4	8.39	691.1			
11/29/2017	21:23:48	2731	6.4	8.39	694.3			
11/29/2017	21:24:18	2763	6.2	8.39	697.4			
11/29/2017	21:24:48	2690	6.2	8.39	700.6			
11/29/2017	21:25:18	2765	6.2	8.39	703.7			
11/29/2017	21:25:48	2745	6.4	8.39	706.9			
11/29/2017	21:26:18	2783	6.4	8.39	710.0			
11/29/2017	21:26:48	2765	6.2	8.39	713.2			
11/29/2017	21:27:18	2587	5.1	8.39	716.1			
11/29/2017	21:27:48	2601	5.1	8.39	718.6			
11/29/2017	21:28:18	2601	5.1	8.39	721.2			
11/29/2017	21:28:48	2455	4.1	8.38	723.3			
11/29/2017	21:29:18	2466	4.2	8.39	725.3			
11/29/2017	21:29:48	2479	4.1	8.39	727.4			

Well			Field	Job Start		Customer		Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko		2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/29/2017	21:30:48	2216	2.3	8.39	730.3				
11/29/2017	21:31:18	2260	2.2	8.38	731.4				
11/29/2017	21:31:48	2233	2.3	8.39	732.6				
11/29/2017	21:32:18	2213	2.2	8.39	733.7				
11/29/2017	21:32:48	2321	2.3	8.39	734.8				
11/29/2017	21:33:18	2239	2.3	8.39	735.9				
11/29/2017	21:33:48	2291	2.2	8.39	737.0				
11/29/2017	21:34:18	2247	2.3	8.39	738.1				
11/29/2017	21:34:48	2343	2.2	8.39	739.2				
11/29/2017	21:35:18	2344	2.3	8.39	740.3				
11/29/2017	21:35:48	2883	0.0	8.39	741.0				
11/29/2017	21:35:54	2793	0.0	8.39	741.0	Bump Top Plug 2800 PSI			
11/29/2017	21:35:55	2793	0.0	8.39	741.0	End Displacement			
11/29/2017	21:36:18	2842	0.0	8.39	741.0				
11/29/2017	21:36:48	2817	0.0	8.39	741.0				
11/29/2017	21:37:18	2827	0.0	8.39	741.0				
11/29/2017	21:37:48	2840	0.0	8.40	741.0				
11/29/2017	21:38:18	2862	0.0	8.40	741.0				
11/29/2017	21:38:48	2876	0.0	8.40	741.0				
11/29/2017	21:39:18	2465	0.0	8.40	741.0				
11/29/2017	21:39:48	158	0.0	8.40	741.0				
11/29/2017	21:40:02	31	0.0	8.40	741.0	Floats Holding			
11/29/2017	21:40:03	31	0.0	8.40	741.0	3 BBLS Back			
11/29/2017	21:40:18	41	0.0	8.40	741.0				
11/29/2017	21:40:48	272	1.4	8.41	741.3				
11/29/2017	21:41:18	1487	2.3	8.39	742.3				
11/29/2017	21:41:48	2535	2.2	8.39	743.4				
11/29/2017	21:42:12	3018	0.0	8.39	743.9	Pressure Test Casing			
11/29/2017	21:42:18	2922	0.0	8.39	743.9				
11/29/2017	21:42:48	2971	0.0	8.39	743.9				
11/29/2017	21:43:18	3000	0.0	8.39	743.9				
11/29/2017	21:43:48	2977	0.0	8.39	743.9				
11/29/2017	21:44:18	2974	0.0	8.39	743.9				
11/29/2017	21:44:48	2984	0.0	8.39	743.9				
11/29/2017	21:45:18	2995	0.0	8.40	743.9				
11/29/2017	21:45:48	3010	0.0	8.40	743.9				
11/29/2017	21:46:18	3022	0.0	8.40	743.9				
11/29/2017	21:46:48	3033	0.0	8.40	743.9				
11/29/2017	21:47:18	3043	0.0	8.40	743.9				
11/29/2017	21:47:48	3054	0.0	8.40	743.9				
11/29/2017	21:48:18	3063	0.0	8.40	743.9				
11/29/2017	21:48:48	3074	0.0	8.40	743.9				
11/29/2017	21:49:18	3084	0.0	8.40	743.9				
11/29/2017	21:49:48	3094	0.0	8.40	743.9				
11/29/2017	21:50:18	3104	0.0	8.40	743.9				
11/29/2017	21:50:48	3113	0.0	8.40	743.9				
11/29/2017	21:51:18	3124	0.0	8.40	743.9				
11/29/2017	21:51:48	3134	0.0	8.40	743.9				
11/29/2017	21:52:18	3144	0.0	8.40	743.9				
11/29/2017	21:52:48	3153	0.0	8.40	743.9				
11/29/2017	21:53:18	3164	0.0	8.40	743.9				
11/29/2017	21:53:48	3174	0.0	8.40	743.9				
11/29/2017	21:54:18	3184	0.0	8.40	743.9				
11/29/2017	21:54:48	3193	0.0	8.40	743.9				

Well			Field	Job Start		Customer	Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko	2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/29/2017	21:55:48	3212	0.0	8.40	743.9			
11/29/2017	21:56:18	3222	0.0	8.40	743.9			
11/29/2017	21:56:48	3231	0.0	8.40	743.9			
11/29/2017	21:57:18	3241	0.0	8.40	743.9			
11/29/2017	21:57:33	3244	0.0	8.40	743.9	Casing Test = Good		
11/29/2017	21:57:48	3011	0.0	8.40	743.9			
11/29/2017	21:58:18	249	0.0	8.40	743.9			
11/29/2017	21:58:48	21	0.0	8.40	743.9			
11/29/2017	21:59:18	36	2.3	8.40	743.9			
11/29/2017	21:59:48	664	2.7	8.40	744.6			
11/29/2017	22:00:06	1920	4.1	8.40	745.8	Open Toe Sleeve		
11/29/2017	22:00:18	2720	4.1	8.41	746.6			
11/29/2017	22:00:48	4615	2.9	8.40	748.6			
11/29/2017	22:01:18	4611	0.0	8.39	748.7			
11/29/2017	22:01:48	4888	1.1	8.40	749.0			
11/29/2017	22:02:18	4882	0.0	8.40	749.0			
11/29/2017	22:02:48	3216	0.0	8.40	749.0			
11/29/2017	22:03:18	494	0.0	8.40	749.0			
11/29/2017	22:03:48	58	0.0	8.40	749.0			
11/29/2017	22:04:18	662	4.1	8.40	749.4			
11/29/2017	22:04:48	2743	4.1	8.42	751.5			
11/29/2017	22:05:18	4855	3.7	8.41	753.5			
11/29/2017	22:05:48	4921	0.0	8.39	753.8			
11/29/2017	22:06:18	4906	0.0	8.39	753.8			
11/29/2017	22:06:48	4878	0.0	8.39	753.8			
11/29/2017	22:07:18	3018	0.0	8.39	753.8			
11/29/2017	22:07:48	809	0.0	8.39	753.8			
11/29/2017	22:08:18	17	0.0	8.39	753.8			
11/29/2017	22:08:48	20	0.0	8.39	753.8			
11/29/2017	22:09:18	18	0.0	8.39	753.8			
11/29/2017	22:09:48	22	0.0	8.39	753.8			
11/29/2017	22:10:18	25	0.0	8.39	753.8			
11/29/2017	22:10:48	24	0.0	8.39	753.8			
11/29/2017	22:11:18	22	0.0	8.39	753.8			
11/29/2017	22:11:48	22	0.0	8.39	753.8			
11/29/2017	22:12:18	22	0.0	8.39	753.8			
11/29/2017	22:12:48	21	0.0	8.39	753.8			
11/29/2017	22:13:18	21	0.0	8.39	753.8			
11/29/2017	22:13:48	21	0.0	8.39	753.8			
11/29/2017	22:14:18	21	0.0	8.39	753.8			
11/29/2017	22:14:48	20	0.0	8.39	753.8			
11/29/2017	22:15:18	20	0.0	8.39	753.8			
11/29/2017	22:15:48	20	0.0	8.39	753.8			
11/29/2017	22:16:18	20	0.0	8.39	753.8			
11/29/2017	22:16:48	19	0.0	8.39	753.8			
11/29/2017	22:17:18	19	0.0	8.39	753.8			
11/29/2017	22:17:48	19	0.0	8.39	753.8			
11/29/2017	22:18:18	19	0.0	8.39	753.8			
11/29/2017	22:18:48	18	0.0	8.39	753.8			
11/29/2017	22:19:18	19	0.0	8.39	753.8			
11/29/2017	22:19:48	19	0.0	8.39	753.8			
11/29/2017	22:20:18	18	0.0	8.39	753.8			
11/29/2017	22:20:48	18	0.0	8.39	753.8			
11/29/2017	22:21:18	18	0.0	8.39	753.8			

Well			Field	Job Start		Customer		Job Number	
Burough 27C-17HZ			Wattenberg		Nov/29/2017		Anadarko		2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
11/29/2017	22:22:18	17	0.0	8.39	753.8				
11/29/2017	22:22:48	18	0.0	8.39	753.8				
11/29/2017	22:23:18	17	0.0	8.39	753.8				
11/29/2017	22:23:48	17	0.0	8.39	753.8				
11/29/2017	22:24:18	17	0.0	8.39	753.8				
11/29/2017	22:24:48	17	0.0	8.39	753.8				
11/29/2017	22:25:18	17	0.0	8.39	753.8				
11/29/2017	22:25:48	17	0.0	8.39	753.8				
11/29/2017	22:26:18	17	0.0	8.39	753.8				
11/29/2017	22:26:48	16	0.0	8.39	753.8				
11/29/2017	22:27:18	17	0.0	8.39	753.8				
11/29/2017	22:27:48	18	0.0	8.39	753.8				
11/29/2017	22:28:18	18	0.0	8.39	753.8				
11/29/2017	22:28:48	18	0.0	8.39	753.8				
11/29/2017	22:29:18	89	0.0	8.39	753.8				
11/29/2017	22:29:48	668	0.0	8.39	753.8				
11/29/2017	22:30:18	520	0.0	8.39	753.8				
11/29/2017	22:30:48	439	0.0	8.39	753.8				
11/29/2017	22:31:18	744	0.0	8.39	753.8				
11/29/2017	22:31:48	583	0.0	8.39	753.8				
11/29/2017	22:32:18	484	0.0	8.39	753.8				
11/29/2017	22:32:48	467	1.4	8.39	754.1				
11/29/2017	22:33:18	435	0.0	8.39	754.2				
11/29/2017	22:33:48	393	0.0	8.39	754.2				
11/29/2017	22:34:18	1118	0.0	8.39	754.2				
11/29/2017	22:34:48	7608	0.0	8.39	754.2				
11/29/2017	22:35:18	7119	0.0	8.39	754.2				
11/29/2017	22:35:48	6618	0.0	8.39	754.2				
11/29/2017	22:36:18	5998	0.0	8.39	754.2				
11/29/2017	22:36:48	17	0.0	8.39	754.2				
11/29/2017	22:37:18	15	0.0	8.39	754.2				
11/29/2017	22:37:48	545	0.0	8.39	754.2				
11/29/2017	22:38:18	545	0.0	8.39	754.2				
11/29/2017	22:38:48	17	0.0	8.39	754.2				
11/29/2017	22:39:18	15	0.0	8.39	754.2				
11/29/2017	22:39:48	14	0.0	8.39	754.2				
11/29/2017	22:40:18	14	0.0	8.39	754.2				
11/29/2017	22:40:48	14	0.0	8.39	754.2				
11/29/2017	22:41:18	636	1.9	8.38	754.9				
11/29/2017	22:41:48	825	0.0	8.38	755.2				
11/29/2017	22:42:00	822	0.0	8.38	755.2	Pressure Test To 7600 PSI			
11/29/2017	22:42:18	811	0.0	8.38	755.2				
11/29/2017	22:42:48	7767	0.0	8.38	755.2				
11/29/2017	22:43:18	7705	0.0	8.38	755.2				
11/29/2017	22:43:48	7659	0.0	8.38	755.2				
11/29/2017	22:44:18	18	0.0	8.38	755.2				
11/29/2017	22:44:48	856	0.0	8.38	755.2				
11/29/2017	22:45:18	2001	4.3	8.38	756.1				
11/29/2017	22:45:48	4357	4.5	8.38	758.3				
11/29/2017	22:46:07	3299	4.3	8.38	0.2	Sheer @ 5345 PSI			
11/29/2017	22:46:09	3303	4.4	8.38	0.4	Pump 3 BBLS H2O			
11/29/2017	22:46:18	2866	4.3	8.38	1.0				
11/29/2017	22:46:48	2172	0.0	8.41	3.7				
11/29/2017	22:47:18	1522	0.0	8.40	3.7				

Well			Field		Job Start	Customer		Job Number
Borough 27C-17HZ			Wattenberg		Nov/29/2017	Anadarko		2626037
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/29/2017	22:48:18	15	0.0	8.39	3.7			
11/29/2017	22:48:48	15	0.0	8.39	3.7			
11/29/2017	22:49:06	16	0.0	8.39	3.7	End Job		
11/29/2017	22:49:12	15	0.0	8.39	3.7	7 BBLS MP To Surfac e		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 4.8	N2	Mud	Maximum Rate 25.0		Total Slurry 356.0	Mud 0.0	Spacer 60.0	N2			
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 7792	Final 17	Average 1110	Bump Plug to 2800	Breakdown	Type	Volume bbl		Density lb/gal			
Avg. N2 Percent %	Designed Slurry Volume 356.0 bbl		Displacement 283.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl				
					Washed Thru Perfs <input type="checkbox"/>		To ft				
Customer or Authorized Representative Joe Wallen			Schlumberger Supervisor Conley Jensen/ Joe Sanchez			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-	-				