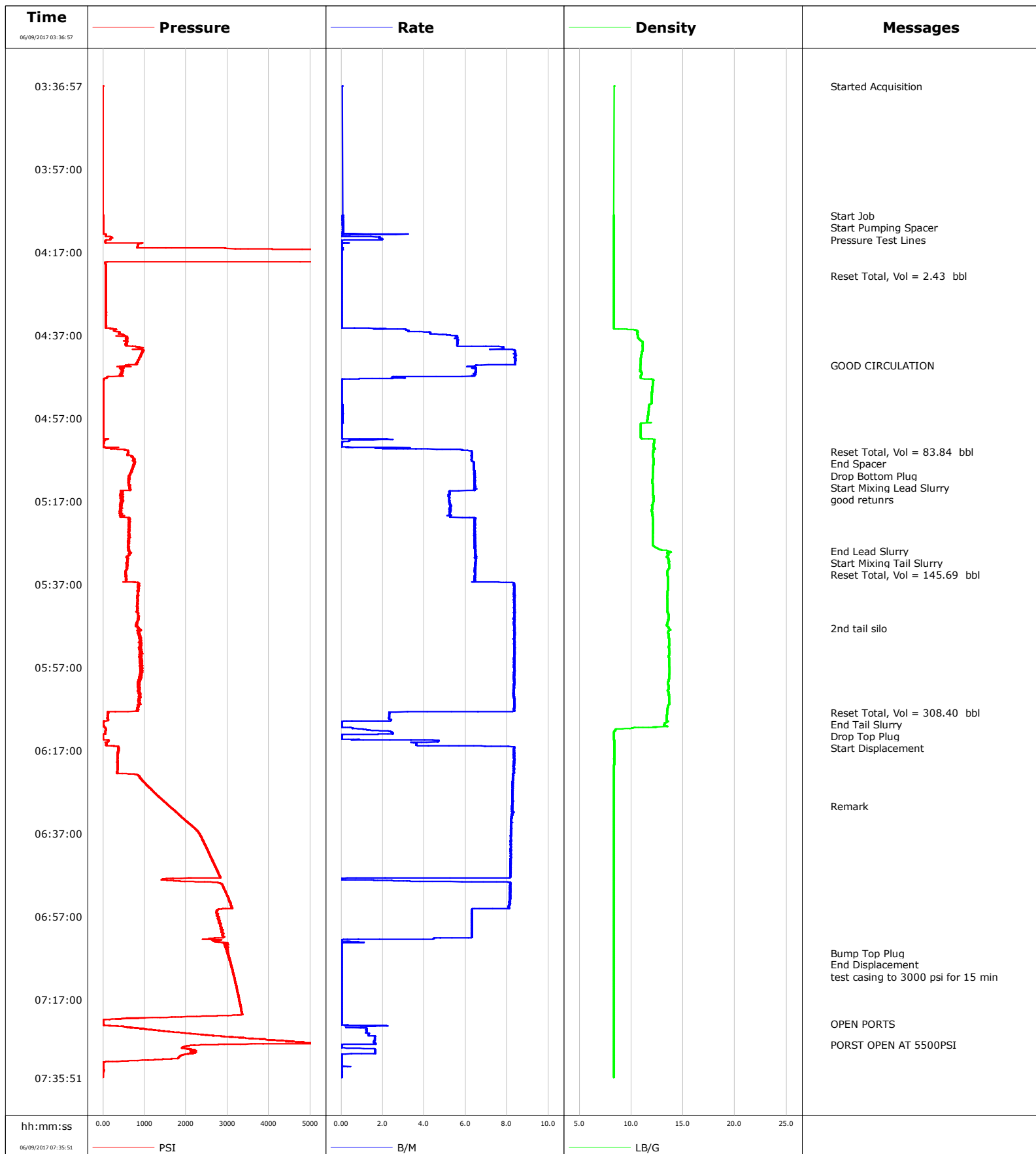


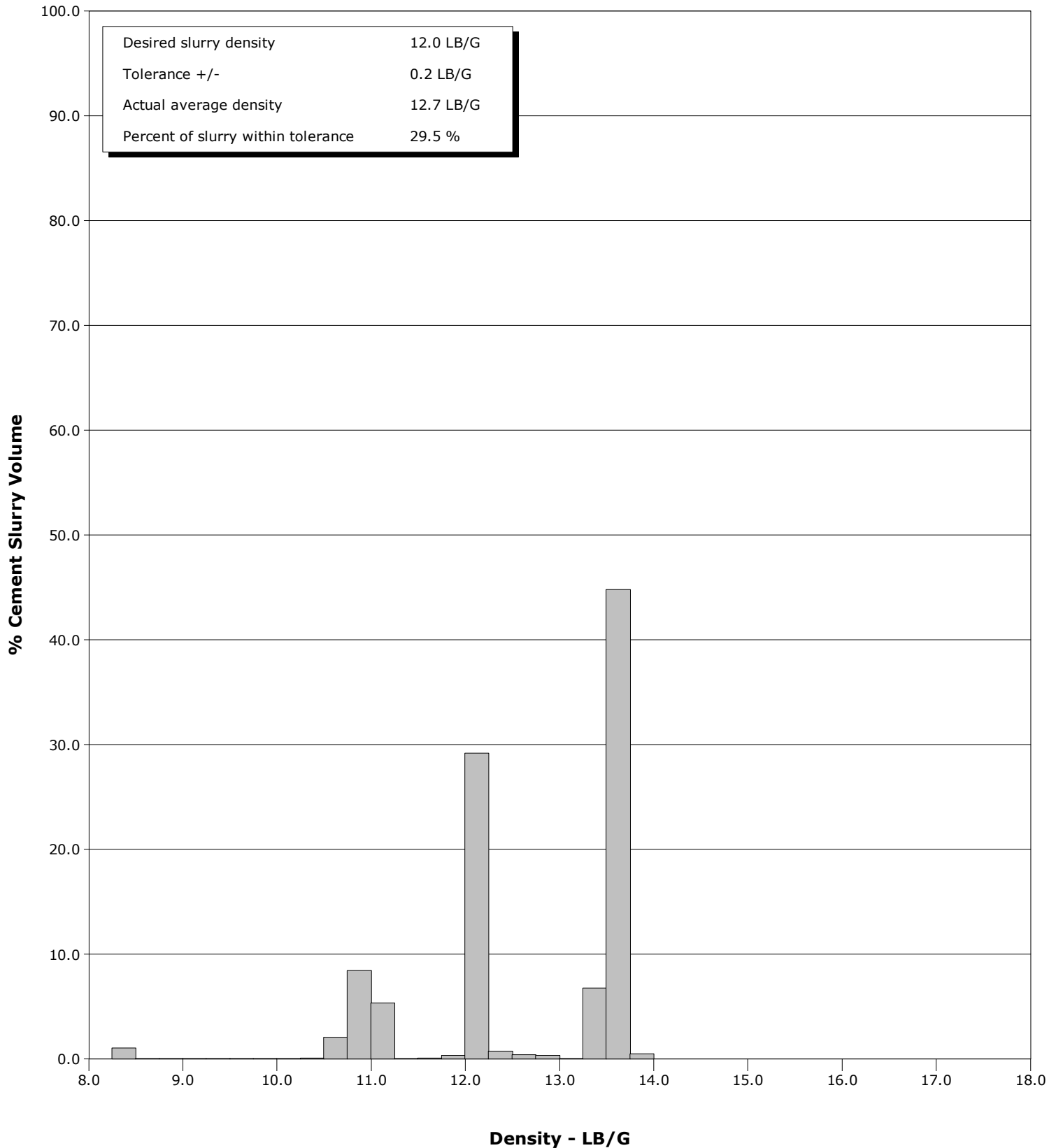
Well	BUTTERBALL 24N-34HZ	Client	ANADARKO PETROLEIUM
Field	DJ	SIR No.	2497158
Engineer	V.LOPEZ/P.RAMIREZ	Job Type	5 1/2 LONG STRING
Country	United States	Job Date	06-08-2017



Well BUTTERBALL 24N-34HZ
Field DJ
Engineer V.LOPEZ/P.RAMIREZ
Country United States

Client ANADARKO PETROLEIUM
SIR No. 2497158
Job Type 5 1/2 LONG STRING
Job Date 06-08-2017

Cement Slurry - 06/09/2017 03:36:57 to 06/09/2017 06:00:53



Cementing Service Report

				Customer ANADARKO PETROLEIUM				Job Number 2497158			
Well BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			Location (legal) PRECISION 461			Schlumberger Location Williston			Job Start Jun/08/2017		
Field DJ		Formation Name/Type Limestone		Deviation deg		Bit Size in		Well MD 15662.0 ft		Well TVD 7294.0 ft	
County DJ		State/Province California		BHP psi		BHST 228 degF		BHCT 226 degF		Pore Press. Gradient lb/gal	
Well Master 0631713876		API/UWI									
Rig Name		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
Offshore Zone		Well Class New		Well Type New Well Completion		15662.0		5.5		17.0	
						0.0		0.0		0.0	
Drilling Fluid Type Bentonite		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe					
						T/D		Depth, ft		Size, in	
										Weight, lb/ft	
										Grade	
Service Line Cementing		Job Type 5 1/2 LONG STRING									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Single Cement head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
						ft		ft		No. of Shots	
						ft		ft		Total Interval ft	
						ft		ft		Diameter in	
						Treat Down Casing		Displacement 364.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 540.0 bbl		Annular Vol. 482.0 bbl	
										Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>		Casing Tools				Squeeze Job			
Lift Pressure psi				Shoe Type Float				Squeeze Type			
Pipe Rotated <input checked="" type="checkbox"/>		Pipe Reciprocated <input checked="" type="checkbox"/>		Shoe Depth 15662.0 ft				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft	
Cement Head Type Single						Stage Tool Depth ft				Tail Pipe Size in	
Job Scheduled For Jun/08/2017		Arrived on Location Jun/08/2017		Leave Location Jun/08/2017		Collar Type				Tail Pipe Depth ft	
						Collar Depth ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message					
06/09/2017	03:36:57	2	0.1	8.35	8.35	Started Acquisition					
06/09/2017	04:08:15	2	0.1	8.33	8.33	Start Job					
06/09/2017	04:08:18	2	0.1	8.33	8.33	Start Pumping Spacer					
06/09/2017	04:08:19	2	0.1	8.33	8.33	Pressure Test Lines					
06/09/2017	04:08:27	2	0.1	8.33	8.33						
06/09/2017	04:08:57	1	0.1	8.33	8.33						
06/09/2017	04:09:27	1	0.1	8.33	8.33						
06/09/2017	04:09:57	1	0.1	8.33	8.33						
06/09/2017	04:10:27	2	0.1	8.33	8.33						
06/09/2017	04:10:57	1	0.1	8.33	8.33						
06/09/2017	04:11:27	2	0.1	8.33	8.33						
06/09/2017	04:11:57	4	0.1	8.33	8.33						
06/09/2017	04:12:27	3	0.1	8.33	8.33						
06/09/2017	04:12:57	67	0.0	8.32	8.32						
06/09/2017	04:13:27	207	1.8	8.32	8.32						
06/09/2017	04:13:57	174	2.0	8.32	8.32						
06/09/2017	04:14:27	51	0.0	8.32	8.32						
06/09/2017	04:14:57	864	0.0	8.32	8.32						
06/09/2017	04:15:27	832	0.0	8.32	8.32						
06/09/2017	04:15:57	823	0.0	8.32	8.32						
06/09/2017	04:16:27	6537	0.1	8.32	8.32						

Well			Field		Job Start	Customer	Job Number
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017	ANADARKO PETROLEIUM	2497158
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message	
06/09/2017	04:17:27	6432	0.0	8.32	8.32		
06/09/2017	04:17:57	6406	0.0	8.32	8.32		
06/09/2017	04:18:27	6387	0.0	8.32	8.32		
06/09/2017	04:18:57	6372	0.0	8.32	8.32		
06/09/2017	04:19:27	53	0.0	8.32	8.32		
06/09/2017	04:19:57	65	0.0	8.32	8.32		
06/09/2017	04:20:27	68	0.0	8.32	8.32		
06/09/2017	04:20:57	69	0.0	8.32	8.32		
06/09/2017	04:21:27	68	0.0	8.32	8.32		
06/09/2017	04:21:57	69	0.0	8.32	8.32		
06/09/2017	04:22:27	70	0.0	8.32	8.32		
06/09/2017	04:22:41	70	0.0	8.32	8.32	Reset Total, Vol = 2.43 bbl	
06/09/2017	04:22:57	69	0.0	8.32	8.32		
06/09/2017	04:23:27	69	0.0	8.32	8.32		
06/09/2017	04:23:57	69	0.0	8.32	8.32		
06/09/2017	04:24:27	69	0.0	8.32	8.32		
06/09/2017	04:24:57	70	0.0	8.32	8.32		
06/09/2017	04:25:27	70	0.0	8.32	8.32		
06/09/2017	04:25:57	70	0.0	8.32	8.32		
06/09/2017	04:26:27	70	0.0	8.32	8.32		
06/09/2017	04:26:57	71	0.0	8.32	8.32		
06/09/2017	04:27:27	70	0.0	8.32	8.32		
06/09/2017	04:27:57	71	0.0	8.32	8.32		
06/09/2017	04:28:27	70	0.0	8.32	8.32		
06/09/2017	04:28:57	71	0.0	8.32	8.32		
06/09/2017	04:29:27	71	0.0	8.32	8.32		
06/09/2017	04:29:57	71	0.0	8.32	8.32		
06/09/2017	04:30:27	71	0.0	8.32	8.32		
06/09/2017	04:30:57	71	0.0	8.32	8.32		
06/09/2017	04:31:27	72	0.0	8.32	8.32		
06/09/2017	04:31:57	71	0.0	8.32	8.32		
06/09/2017	04:32:27	71	0.0	8.32	8.32		
06/09/2017	04:32:57	71	0.0	8.32	8.32		
06/09/2017	04:33:27	71	0.0	8.32	8.32		
06/09/2017	04:33:57	72	0.0	8.32	8.32		
06/09/2017	04:34:27	71	0.0	8.32	8.32		
06/09/2017	04:34:57	72	0.0	8.32	8.32		
06/09/2017	04:35:27	245	2.2	8.33	8.33		
06/09/2017	04:35:57	260	3.2	10.57	10.57		
06/09/2017	04:36:27	386	4.3	10.60	10.60		
06/09/2017	04:36:57	490	5.1	10.60	10.60		
06/09/2017	04:37:27	568	5.6	10.63	10.63		
06/09/2017	04:37:57	585	5.6	10.76	10.76		
06/09/2017	04:38:27	562	5.6	10.99	10.99		
06/09/2017	04:38:57	560	5.6	11.11	11.11		
06/09/2017	04:39:27	546	5.6	11.12	11.12		
06/09/2017	04:39:57	871	7.8	11.09	11.09		
06/09/2017	04:40:27	940	8.1	11.11	11.11		
06/09/2017	04:40:57	969	8.4	11.03	11.03		
06/09/2017	04:41:27	922	8.4	11.00	11.00		
06/09/2017	04:41:57	909	8.4	10.96	10.96		
06/09/2017	04:42:57	870	8.4	10.91	10.91		
06/09/2017	04:43:27	835	8.4	10.91	10.91		
06/09/2017	04:43:57	815	8.4	10.89	10.89		

Well			Field		Job Start		Customer		Job Number	
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017		ANADARKO PETROLEIUM		2497158	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message				
06/09/2017	04:44:27	527	6.4	10.87	10.87					
06/09/2017	04:44:57	399	6.4	10.86	10.86					
06/09/2017	04:45:27	464	6.5	10.84	10.84					
06/09/2017	04:45:57	456	6.5	10.93	10.93					
06/09/2017	04:46:27	443	6.4	10.99	10.99					
06/09/2017	04:46:57	132	5.8	10.91	10.91					
06/09/2017	04:47:27	38	2.5	10.93	10.93					
06/09/2017	04:47:57	12	0.0	12.13	12.13					
06/09/2017	04:48:27	9	0.0	12.10	12.10					
06/09/2017	04:48:57	9	0.0	12.06	12.06					
06/09/2017	04:49:27	8	0.0	12.03	12.03					
06/09/2017	04:49:57	8	0.0	12.00	12.00					
06/09/2017	04:50:27	9	0.0	11.99	11.99					
06/09/2017	04:50:57	7	0.0	11.99	11.99					
06/09/2017	04:51:27	8	0.0	11.98	11.98					
06/09/2017	04:51:57	7	0.0	11.97	11.97					
06/09/2017	04:52:27	8	0.0	11.96	11.96					
06/09/2017	04:52:57	7	0.0	11.96	11.96					
06/09/2017	04:53:27	7	0.0	11.95	11.95					
06/09/2017	04:53:57	7	0.1	11.71	11.71					
06/09/2017	04:54:27	7	0.1	11.69	11.69					
06/09/2017	04:54:57	6	0.1	11.68	11.68					
06/09/2017	04:55:27	7	0.1	11.66	11.66					
06/09/2017	04:55:57	7	0.1	11.62	11.62					
06/09/2017	04:56:27	7	0.1	11.60	11.60					
06/09/2017	04:56:57	6	0.1	11.58	11.58					
06/09/2017	04:57:27	7	0.1	11.55	11.55					
06/09/2017	04:57:57	7	0.1	11.54	11.54					
06/09/2017	04:58:27	7	0.0	10.91	10.91					
06/09/2017	04:58:57	7	0.0	10.91	10.91					
06/09/2017	04:59:27	7	0.0	10.91	10.91					
06/09/2017	04:59:57	7	0.0	10.91	10.91					
06/09/2017	05:00:27	7	0.0	10.91	10.91					
06/09/2017	05:00:57	7	0.0	10.91	10.91					
06/09/2017	05:01:27	7	0.0	10.91	10.91					
06/09/2017	05:01:57	11	0.1	11.01	11.01					
06/09/2017	05:02:27	25	0.4	12.20	12.20					
06/09/2017	05:02:57	13	0.0	12.19	12.19					
06/09/2017	05:03:27	11	0.0	12.13	12.13					
06/09/2017	05:03:57	39	0.3	12.14	12.14					
06/09/2017	05:04:27	320	4.2	12.21	12.21					
06/09/2017	05:04:57	606	6.3	12.12	12.12					
06/09/2017	05:05:08	609	6.3	12.13	12.13	Reset Total, Vol = 83.84 bbl				
06/09/2017	05:05:09	610	6.3	12.13	12.13	End Spacer				
06/09/2017	05:05:10	596	6.3	12.13	12.13	Drop Bottom Plug				
06/09/2017	05:05:13	604	6.3	12.12	12.12	Start Mixing Lead Slurry				
06/09/2017	05:05:27	602	6.3	12.08	12.08					
06/09/2017	05:05:57	583	6.3	12.07	12.07					
06/09/2017	05:06:27	710	6.3	12.12	12.12					
06/09/2017	05:06:57	739	6.3	12.14	12.14					
06/09/2017	05:07:27	766	6.3	12.14	12.14					
06/09/2017	05:07:57	739	6.4	12.14	12.14					
06/09/2017	05:08:27	727	6.4	12.13	12.13					
06/09/2017	05:08:57	709	6.4	12.12	12.12					

Well			Field		Job Start		Customer		Job Number	
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017		ANADARKO PETROLEIUM		2497158	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message				
06/09/2017	05:09:38	684	6.4	12.10	12.10	good returnrs				
06/09/2017	05:09:57	681	6.4	12.09	12.09					
06/09/2017	05:10:27	664	6.4	12.06	12.06					
06/09/2017	05:10:57	644	6.4	12.05	12.05					
06/09/2017	05:11:27	642	6.4	12.04	12.04					
06/09/2017	05:11:57	625	6.5	12.02	12.02					
06/09/2017	05:12:27	613	6.4	12.01	12.01					
06/09/2017	05:12:57	623	6.4	12.05	12.05					
06/09/2017	05:13:27	630	6.4	12.09	12.09					
06/09/2017	05:13:57	646	6.4	12.08	12.08					
06/09/2017	05:14:27	426	6.1	12.10	12.10					
06/09/2017	05:14:57	453	5.2	12.10	12.10					
06/09/2017	05:15:27	429	5.2	12.07	12.07					
06/09/2017	05:15:57	440	5.2	12.14	12.14					
06/09/2017	05:16:27	437	5.2	12.15	12.15					
06/09/2017	05:16:57	453	5.2	12.16	12.16					
06/09/2017	05:17:27	438	5.2	12.08	12.08					
06/09/2017	05:17:57	429	5.3	12.01	12.01					
06/09/2017	05:18:27	434	5.2	12.01	12.01					
06/09/2017	05:18:57	443	5.3	11.99	11.99					
06/09/2017	05:19:27	439	5.2	11.98	11.98					
06/09/2017	05:19:57	425	5.2	12.00	12.00					
06/09/2017	05:20:27	403	5.2	12.02	12.02					
06/09/2017	05:20:57	627	6.2	12.06	12.06					
06/09/2017	05:21:27	636	6.4	12.09	12.09					
06/09/2017	05:21:57	649	6.4	12.09	12.09					
06/09/2017	05:22:27	631	6.4	12.06	12.06					
06/09/2017	05:22:57	644	6.4	12.09	12.09					
06/09/2017	05:23:27	623	6.4	12.10	12.10					
06/09/2017	05:23:57	623	6.4	12.09	12.09					
06/09/2017	05:24:27	604	6.4	12.07	12.07					
06/09/2017	05:24:57	623	6.5	12.08	12.08					
06/09/2017	05:25:27	628	6.4	12.08	12.08					
06/09/2017	05:25:57	619	6.4	12.07	12.07					
06/09/2017	05:26:27	620	6.4	12.04	12.04					
06/09/2017	05:26:57	613	6.4	12.05	12.05					
06/09/2017	05:27:27	608	6.4	12.05	12.05					
06/09/2017	05:27:57	603	6.4	12.24	12.24					
06/09/2017	05:28:27	609	6.4	12.60	12.60					
06/09/2017	05:28:57	606	6.5	13.49	13.05					
06/09/2017	05:28:59	624	6.5	13.51	13.08	End Lead Slurry				
06/09/2017	05:29:00	624	6.5	13.53	13.10	Start Mixing Tail Slurry				
06/09/2017	05:29:03	646	6.5	13.61	13.13	Reset Total, Vol = 145.69 bbl				
06/09/2017	05:29:27	651	6.4	13.47	13.46					
06/09/2017	05:29:57	627	6.5	13.58	13.58					
06/09/2017	05:30:27	572	6.5	13.41	13.40					
06/09/2017	05:30:57	605	6.5	13.57	13.57					
06/09/2017	05:31:27	598	6.5	13.60	13.60					
06/09/2017	05:31:57	582	6.5	13.60	13.60					
06/09/2017	05:32:27	570	6.5	13.65	13.65					
06/09/2017	05:32:57	565	6.5	13.62	13.62					
06/09/2017	05:33:27	562	6.4	13.57	13.56					
06/09/2017	05:33:57	546	6.4	13.47	13.47					
06/09/2017	05:34:27	535	6.4	13.46	13.46					

Well			Field		Job Start		Customer		Job Number	
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017		ANADARKO PETROLEIUM		2497158	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message				
06/09/2017	05:35:27	561	6.4	13.52	13.52					
06/09/2017	05:35:57	558	6.4	13.53	13.54					
06/09/2017	05:36:27	721	6.6	13.54	13.55					
06/09/2017	05:36:57	872	8.3	13.54	13.54					
06/09/2017	05:37:27	877	8.3	13.54	13.54					
06/09/2017	05:37:57	856	8.3	13.53	13.53					
06/09/2017	05:38:27	856	8.3	13.53	13.52					
06/09/2017	05:38:57	841	8.3	13.51	13.51					
06/09/2017	05:39:27	838	8.3	13.49	13.48					
06/09/2017	05:39:57	827	8.3	13.46	13.46					
06/09/2017	05:40:27	830	8.3	13.45	13.46					
06/09/2017	05:40:57	829	8.3	13.50	13.50					
06/09/2017	05:41:27	819	8.4	13.50	13.50					
06/09/2017	05:41:57	832	8.3	13.50	13.50					
06/09/2017	05:42:27	833	8.3	13.51	13.51					
06/09/2017	05:42:57	823	8.3	13.51	13.51					
06/09/2017	05:43:27	826	8.3	13.51	13.50					
06/09/2017	05:43:57	851	8.3	13.54	13.54					
06/09/2017	05:44:27	856	8.3	13.58	13.58					
06/09/2017	05:44:57	853	8.3	13.59	13.59					
06/09/2017	05:45:27	850	8.3	13.58	13.58					
06/09/2017	05:45:57	839	8.3	13.53	13.53					
06/09/2017	05:46:27	801	8.3	13.49	13.49					
06/09/2017	05:46:57	797	8.3	13.42	13.42					
06/09/2017	05:47:27	847	8.4	13.57	13.57					
06/09/2017	05:47:36	869	8.3	13.60	13.61	2nd tail silo				
06/09/2017	05:47:57	882	8.4	13.77	13.79					
06/09/2017	05:48:27	875	8.3	13.56	13.56					
06/09/2017	05:48:57	887	8.3	13.58	13.58					
06/09/2017	05:49:27	898	8.3	13.60	13.60					
06/09/2017	05:49:57	909	8.4	13.61	13.61					
06/09/2017	05:50:27	914	8.3	13.63	13.63					
06/09/2017	05:50:57	888	8.4	13.65	13.65					
06/09/2017	05:51:27	900	8.3	13.66	13.66					
06/09/2017	05:51:57	898	8.3	13.63	13.63					
06/09/2017	05:52:27	906	8.3	13.62	13.62					
06/09/2017	05:52:57	888	8.3	13.66	13.66					
06/09/2017	05:53:27	875	8.4	13.67	13.67					
06/09/2017	05:53:57	920	8.4	13.61	13.61					
06/09/2017	05:54:27	925	8.3	13.59	13.59					
06/09/2017	05:54:57	928	8.3	13.63	13.63					
06/09/2017	05:55:27	935	8.4	13.65	13.65					
06/09/2017	05:55:57	943	8.3	13.65	13.65					
06/09/2017	05:56:27	894	8.3	13.65	13.65					
06/09/2017	05:56:57	893	8.3	13.67	13.67					
06/09/2017	05:57:27	910	8.3	13.67	13.68					
06/09/2017	05:57:57	900	8.3	13.69	13.69					
06/09/2017	05:58:27	943	8.3	13.68	13.68					
06/09/2017	05:58:57	925	8.3	13.65	13.65					
06/09/2017	05:59:27	923	8.3	13.63	13.63					
06/09/2017	05:59:57	908	8.3	13.61	13.61					
06/09/2017	06:00:27	843	8.3	13.56	13.56					
06/09/2017	06:00:57	835	8.3	13.56	13.55					
06/09/2017	06:01:27	846	8.3	13.57	13.57					

Well			Field		Job Start		Customer		Job Number	
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017		ANADARKO PETROLEIUM		2497158	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message				
06/09/2017	06:02:27	853	8.3	13.55	13.55					
06/09/2017	06:02:57	881	8.3	13.58	13.59					
06/09/2017	06:03:27	859	8.3	13.61	13.61					
06/09/2017	06:03:57	872	8.3	13.62	13.62					
06/09/2017	06:04:27	863	8.3	13.62	13.61					
06/09/2017	06:04:57	892	8.3	13.62	13.62					
06/09/2017	06:05:27	896	8.3	13.65	13.65					
06/09/2017	06:05:57	902	8.4	13.64	13.63					
06/09/2017	06:06:27	837	8.3	13.54	13.54					
06/09/2017	06:06:57	837	8.3	13.50	13.50					
06/09/2017	06:07:27	808	8.3	13.44	13.45					
06/09/2017	06:07:48	118	2.4	13.44	13.44	Reset Total, Vol = 308.40 bbl				
06/09/2017	06:07:49	116	2.3	13.44	13.44	End Tail Slurry				
06/09/2017	06:07:50	114	2.3	13.44	13.44	Drop Top Plug				
06/09/2017	06:07:53	122	2.3	13.44	13.44	Start Displacement				
06/09/2017	06:07:57	114	2.3	13.44	13.44					
06/09/2017	06:08:27	110	2.3	13.43	13.43					
06/09/2017	06:08:57	121	2.3	13.40	13.40					
06/09/2017	06:09:27	111	2.3	13.38	13.38					
06/09/2017	06:09:57	15	1.0	13.42	13.49					
06/09/2017	06:10:27	12	0.0	13.19	13.19					
06/09/2017	06:10:57	10	0.0	13.18	13.18					
06/09/2017	06:11:27	44	0.0	12.32	12.32					
06/09/2017	06:11:57	62	1.1	8.52	8.49					
06/09/2017	06:12:27	58	2.4	8.36	8.35					
06/09/2017	06:12:57	59	2.5	8.33	8.32					
06/09/2017	06:13:27	-2	0.0	8.32	8.32					
06/09/2017	06:13:57	-2	0.0	8.32	8.32					
06/09/2017	06:14:27	87	1.1	8.32	8.32					
06/09/2017	06:14:57	116	4.7	8.36	8.36					
06/09/2017	06:15:27	74	3.6	8.35	8.35					
06/09/2017	06:15:57	253	6.4	8.36	8.36					
06/09/2017	06:16:27	371	8.3	8.35	8.35					
06/09/2017	06:16:57	375	8.3	8.36	8.36					
06/09/2017	06:17:27	348	8.3	8.36	8.36					
06/09/2017	06:17:57	340	8.3	8.38	8.38					
06/09/2017	06:18:27	347	8.3	8.36	8.36					
06/09/2017	06:18:57	342	8.3	8.35	8.35					
06/09/2017	06:19:27	338	8.3	8.36	8.36					
06/09/2017	06:19:57	355	8.3	8.36	8.36					
06/09/2017	06:20:27	352	8.3	8.35	8.35					
06/09/2017	06:20:57	346	8.3	8.34	8.34					
06/09/2017	06:21:27	351	8.3	8.34	8.34					
06/09/2017	06:21:57	346	8.3	8.33	8.33					
06/09/2017	06:22:27	336	8.3	8.32	8.32					
06/09/2017	06:22:57	830	8.3	8.32	8.32					
06/09/2017	06:23:27	870	8.3	8.32	8.33					
06/09/2017	06:23:57	911	8.3	8.32	8.32					
06/09/2017	06:24:27	972	8.3	8.32	8.32					
06/09/2017	06:24:57	1021	8.3	8.32	8.32					
06/09/2017	06:25:27	1062	8.3	8.32	8.32					
06/09/2017	06:25:57	1120	8.2	8.32	8.32					
06/09/2017	06:26:27	1166	8.2	8.32	8.32					
06/09/2017	06:26:57	1211	8.3	8.32	8.32					

Well			Field		Job Start	Customer	Job Number
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017	ANADARKO PETROLEIUM	2497158
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message	
06/09/2017	06:27:57	1316	8.2	8.32	8.32		
06/09/2017	06:28:27	1366	8.2	8.32	8.32		
06/09/2017	06:28:57	1423	8.2	8.32	8.32		
06/09/2017	06:29:27	1487	8.2	8.32	8.32		
06/09/2017	06:29:57	1547	8.2	8.32	8.32		
06/09/2017	06:30:20	1590	8.2	8.32	8.32	Remark	
06/09/2017	06:30:27	1603	8.2	8.32	8.32		
06/09/2017	06:30:57	1659	8.2	8.32	8.32		
06/09/2017	06:31:27	1718	8.2	8.32	8.32		
06/09/2017	06:31:57	1768	8.3	8.32	8.32		
06/09/2017	06:32:27	1828	8.2	8.32	8.32		
06/09/2017	06:32:57	1879	8.2	8.32	8.32		
06/09/2017	06:33:27	1933	8.2	8.32	8.32		
06/09/2017	06:33:57	1994	8.2	8.32	8.32		
06/09/2017	06:34:27	2054	8.2	8.32	8.32		
06/09/2017	06:34:57	2114	8.2	8.32	8.32		
06/09/2017	06:35:27	2164	8.2	8.32	8.32		
06/09/2017	06:35:57	2224	8.2	8.32	8.32		
06/09/2017	06:36:27	2277	8.2	8.32	8.32		
06/09/2017	06:36:57	2313	8.2	8.32	8.32		
06/09/2017	06:37:27	2338	8.2	8.32	8.32		
06/09/2017	06:37:57	2370	8.2	8.32	8.32		
06/09/2017	06:38:27	2397	8.2	8.32	8.32		
06/09/2017	06:38:57	2419	8.2	8.32	8.32		
06/09/2017	06:39:27	2441	8.2	8.32	8.32		
06/09/2017	06:39:57	2465	8.2	8.32	8.32		
06/09/2017	06:40:27	2489	8.2	8.32	8.32		
06/09/2017	06:40:57	2515	8.2	8.32	8.32		
06/09/2017	06:41:27	2538	8.2	8.32	8.32		
06/09/2017	06:41:57	2558	8.2	8.32	8.32		
06/09/2017	06:42:27	2578	8.2	8.32	8.32		
06/09/2017	06:42:57	2610	8.2	8.32	8.32		
06/09/2017	06:43:27	2634	8.2	8.32	8.32		
06/09/2017	06:43:57	2648	8.2	8.32	8.32		
06/09/2017	06:44:27	2676	8.1	8.32	8.32		
06/09/2017	06:44:57	2709	8.2	8.32	8.32		
06/09/2017	06:45:27	2725	8.2	8.32	8.32		
06/09/2017	06:45:57	2746	8.2	8.32	8.32		
06/09/2017	06:46:27	2770	8.1	8.32	8.32		
06/09/2017	06:46:57	2794	8.2	8.32	8.32		
06/09/2017	06:47:27	2814	8.2	8.32	8.32		
06/09/2017	06:47:57	1484	0.0	8.32	8.32		
06/09/2017	06:48:27	1774	3.0	8.32	8.32		
06/09/2017	06:48:57	2815	8.1	8.32	8.32		
06/09/2017	06:49:27	2881	8.2	8.32	8.32		
06/09/2017	06:49:57	2903	8.1	8.32	8.32		
06/09/2017	06:50:27	2921	8.1	8.32	8.32		
06/09/2017	06:50:57	2953	8.1	8.32	8.32		
06/09/2017	06:51:27	2966	8.1	8.32	8.32		
06/09/2017	06:51:57	2988	8.1	8.32	8.32		
06/09/2017	06:52:27	3008	8.1	8.32	8.32		
06/09/2017	06:52:57	3028	8.2	8.32	8.32		
06/09/2017	06:53:27	3058	8.1	8.32	8.32		
06/09/2017	06:53:57	3073	8.1	8.32	8.32		

Well			Field	Job Start		Customer	Job Number
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ	Jun/08/2017		ANADARKO PETROLEIUM	2497158
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message	
06/09/2017	06:54:57	3111	8.1	8.32	8.32		
06/09/2017	06:55:27	2757	6.3	8.32	8.32		
06/09/2017	06:55:57	2724	6.3	8.32	8.32		
06/09/2017	06:56:27	2758	6.3	8.32	8.32		
06/09/2017	06:56:57	2749	6.3	8.32	8.32		
06/09/2017	06:57:27	2775	6.3	8.32	8.32		
06/09/2017	06:57:57	2815	6.3	8.32	8.32		
06/09/2017	06:58:27	2801	6.3	8.32	8.32		
06/09/2017	06:58:57	2826	6.3	8.32	8.32		
06/09/2017	06:59:27	2815	6.3	8.32	8.32		
06/09/2017	06:59:57	2868	6.3	8.32	8.32		
06/09/2017	07:00:27	2855	6.3	8.32	8.32		
06/09/2017	07:00:57	2872	6.3	8.32	8.32		
06/09/2017	07:01:27	2877	6.3	8.32	8.32		
06/09/2017	07:01:57	2921	6.3	8.32	8.32		
06/09/2017	07:02:27	2598	4.4	8.32	8.32		
06/09/2017	07:02:57	2658	0.0	8.32	8.32		
06/09/2017	07:03:27	3017	0.0	8.32	8.32		
06/09/2017	07:03:57	2936	0.0	8.32	8.32		
06/09/2017	07:04:27	2972	0.0	8.32	8.32		
06/09/2017	07:04:57	2981	0.0	8.32	8.32		
06/09/2017	07:05:27	2982	0.0	8.32	8.32		
06/09/2017	07:05:45	3010	0.0	8.32	8.32	Bump Top Plug	
06/09/2017	07:05:46	2998	0.0	8.32	8.32	End Displacement	
06/09/2017	07:05:52	3002	0.0	8.32	8.32	test casing to 3000 psi for 15 min	
06/09/2017	07:05:57	3022	0.0	8.32	8.32		
06/09/2017	07:06:27	3013	0.0	8.32	8.32		
06/09/2017	07:06:57	3037	0.0	8.32	8.32		
06/09/2017	07:07:27	3056	0.0	8.32	8.32		
06/09/2017	07:07:57	3059	0.0	8.32	8.32		
06/09/2017	07:08:27	3081	0.0	8.32	8.32		
06/09/2017	07:08:57	3089	0.0	8.32	8.32		
06/09/2017	07:09:27	3104	0.0	8.32	8.32		
06/09/2017	07:09:57	3117	0.0	8.32	8.32		
06/09/2017	07:10:27	3127	0.0	8.32	8.32		
06/09/2017	07:10:57	3143	0.0	8.32	8.32		
06/09/2017	07:11:27	3153	0.0	8.32	8.32		
06/09/2017	07:11:57	3166	0.0	8.32	8.32		
06/09/2017	07:12:27	3179	0.0	8.32	8.32		
06/09/2017	07:12:57	3188	0.0	8.32	8.32		
06/09/2017	07:13:27	3201	0.0	8.32	8.32		
06/09/2017	07:13:57	3212	0.0	8.32	8.32		
06/09/2017	07:14:27	3223	0.0	8.32	8.32		
06/09/2017	07:14:57	3234	0.0	8.32	8.32		
06/09/2017	07:15:27	3245	0.0	8.32	8.32		
06/09/2017	07:15:57	3255	0.0	8.32	8.32		
06/09/2017	07:16:27	3266	0.0	8.32	8.32		
06/09/2017	07:16:57	3277	0.0	8.32	8.32		
06/09/2017	07:17:27	3287	0.0	8.32	8.32		
06/09/2017	07:17:57	3298	0.0	8.32	8.32		
06/09/2017	07:18:27	3308	0.0	8.32	8.32		
06/09/2017	07:18:57	3317	0.0	8.32	8.32		
06/09/2017	07:19:27	3327	0.0	8.32	8.32		
06/09/2017	07:19:57	3338	0.0	8.32	8.32		

Well			Field		Job Start		Customer		Job Number	
BUTTERBALL 24N-34HZ BUTTERBALL 24N-34HZ			DJ		Jun/08/2017		ANADARKO PETROLEIUM		2497158	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume LB/G	Message				
06/09/2017	07:20:57	2758	0.0	8.32	8.32					
06/09/2017	07:21:27	566	0.0	8.32	8.32					
06/09/2017	07:21:57	3	0.0	8.32	8.32					
06/09/2017	07:22:27	-3	0.0	8.32	8.32					
06/09/2017	07:22:55	2	0.0	8.32	8.32	OPEN PORTS				
06/09/2017	07:22:57	7	0.0	8.32	8.32					
06/09/2017	07:23:27	348	1.7	8.32	8.32					
06/09/2017	07:23:57	816	1.2	8.32	8.32					
06/09/2017	07:24:27	1320	1.2	8.32	8.32					
06/09/2017	07:24:57	1760	1.2	8.32	8.32					
06/09/2017	07:25:27	2374	1.3	8.32	8.32					
06/09/2017	07:25:57	2844	1.6	8.32	8.32					
06/09/2017	07:26:27	3528	1.6	8.32	8.32					
06/09/2017	07:26:57	4219	1.6	8.32	8.32					
06/09/2017	07:27:27	4990	1.6	8.32	8.32					
06/09/2017	07:27:56	2420	0.0	8.32	8.32	PORST OPEN AT 5500PSI				
06/09/2017	07:27:57	2363	0.0	8.32	8.32					
06/09/2017	07:28:27	1939	0.0	8.32	8.32					
06/09/2017	07:28:57	2122	1.6	8.32	8.32					
06/09/2017	07:29:27	2136	1.6	8.32	8.32					
06/09/2017	07:29:57	2129	1.6	8.32	8.32					
06/09/2017	07:30:27	1898	0.0	8.32	8.32					
06/09/2017	07:30:57	1823	0.0	8.32	8.32					
06/09/2017	07:31:27	1435	0.0	8.32	8.32					
06/09/2017	07:31:57	329	0.0	8.32	8.32					
06/09/2017	07:32:27	-1	0.0	8.32	8.32					
06/09/2017	07:32:57	-1	0.0	8.32	8.32					
06/09/2017	07:33:27	5	0.0	8.32	8.32					
06/09/2017	07:33:57	13	0.0	8.32	8.32					
06/09/2017	07:34:27	0	0.0	8.32	8.32					
06/09/2017	07:34:57	-1	0.0	8.32	8.32					

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.1	N2	Mud	Maximum Rate 8.4		Total Slurry 924.7	Mud 0.0	Spacer 86.3	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6538	Final -1	Average 1058	Bump Plug to 3000	Breakdown	Type FreshWater	Volume bbl	Density 8.34 lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 375.4 bbl	Mix Water Temp 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 V.LOPEZ/P.RAMIREZ			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	