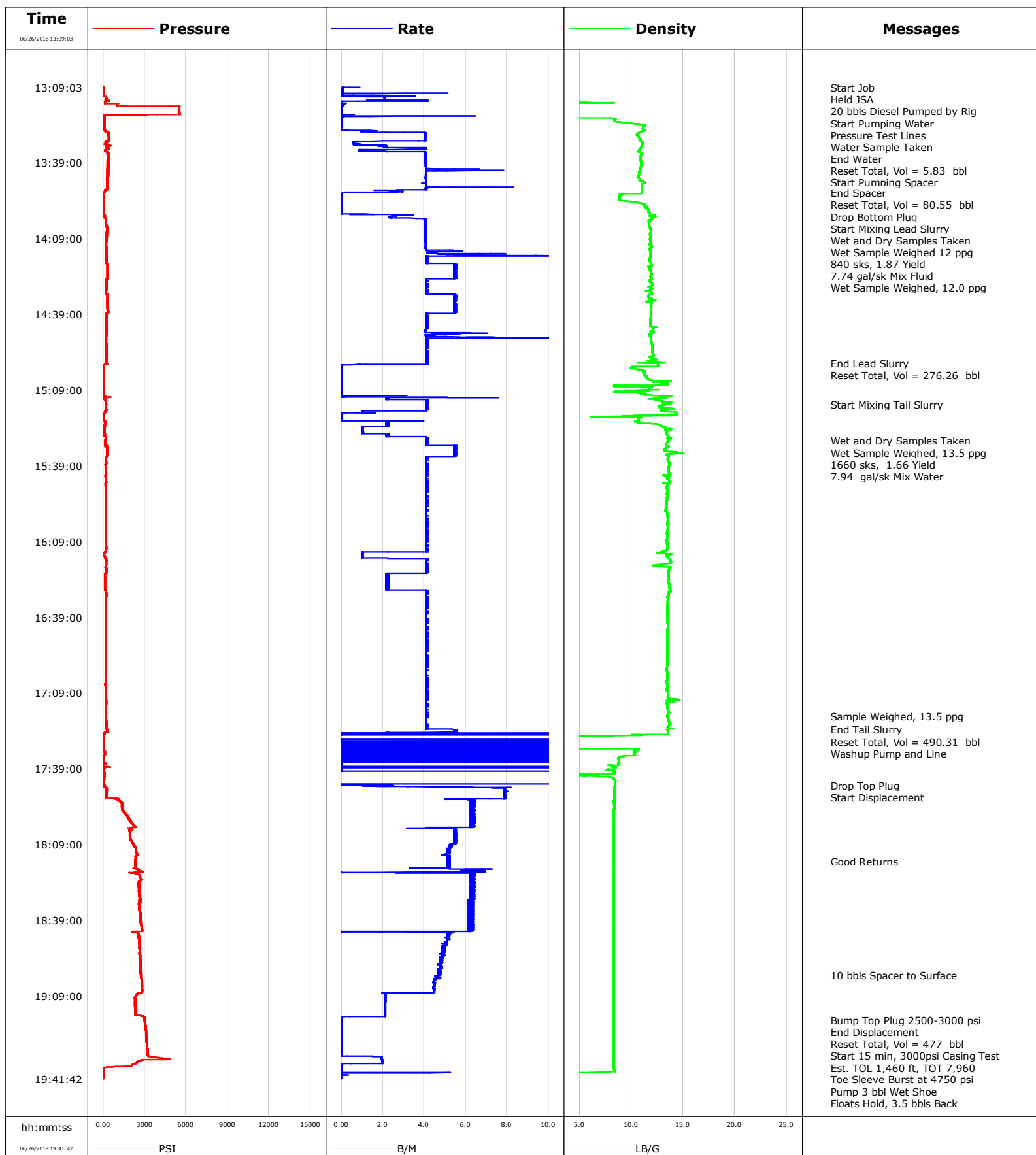


**Well** English Farms 8-12HZ  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Luis Evans  
**Country** United States

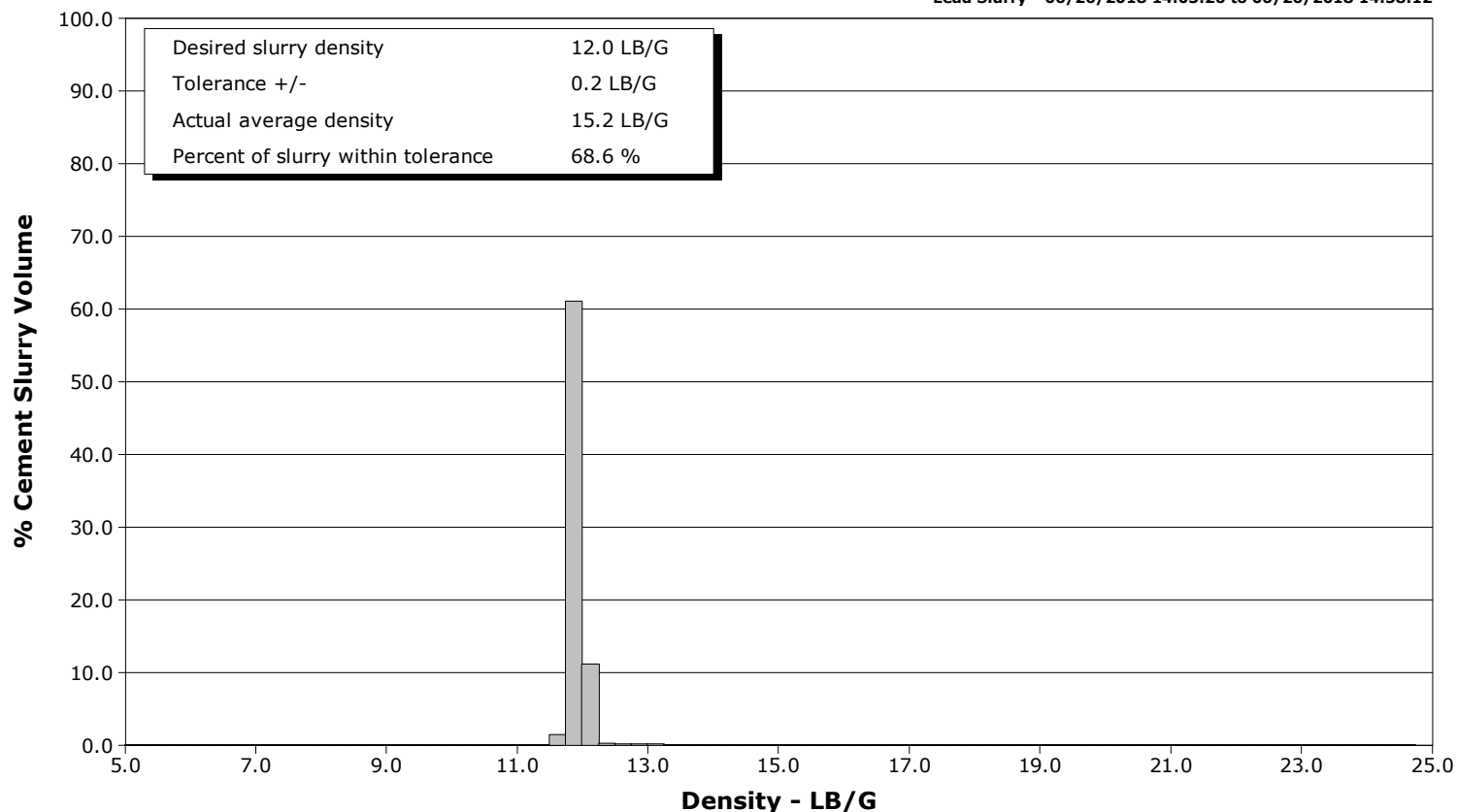
**Client** Anadarko  
**SIR No.** DZ6N-00396  
**Job Type** 5.5" Production  
**Job Date** 06-26-2018



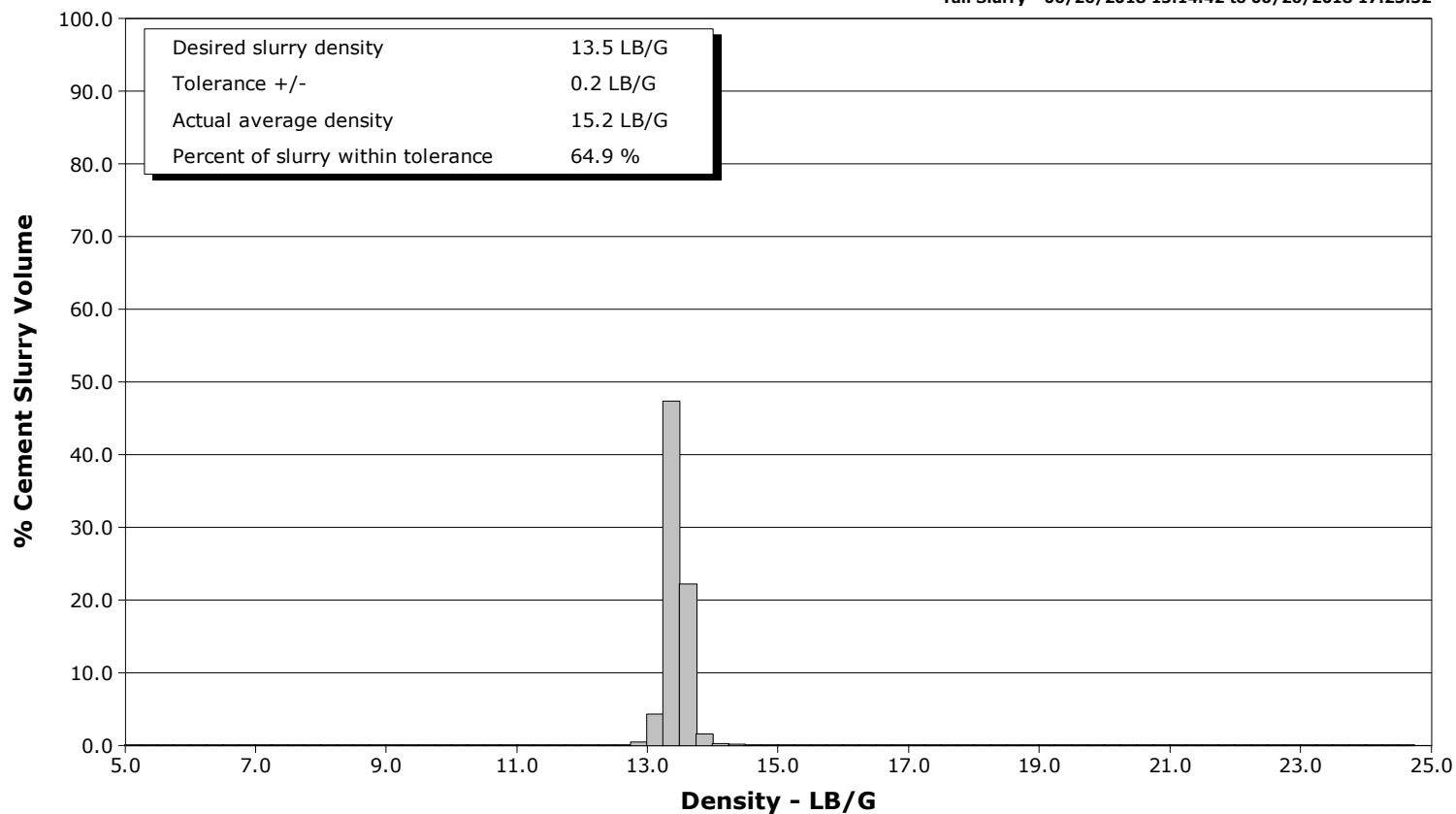
**Well** English Farms 8-12HZ  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Luis Evans  
**Country** United States

**Client** Anadarko  
**SIR No.** DZ6N-00396  
**Job Type** 5.5" Production  
**Job Date** 06-26-2018

Lead Slurry - 06/26/2018 14:03:26 to 06/26/2018 14:58:12



Tail Slurry - 06/26/2018 15:14:42 to 06/26/2018 17:23:32



				Customer Anadarko			Job Number DZ6N-00396				
Well English Farms 8-12HZ			Location (legal) CWY			Schlumberger Location CWY			Job Start Jun/26/2018		
Field Wattenberg		Formation Name/Type Shale		Deviation 90 deg		Bit Size 8.5 in		Well MD 20520.0 ft		Well TVD 7385.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal	
Well Master 0631764879		API/UWI									
Rig Name Precision 564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		1849.0		9.6		36.0	
						20520.0		5.5		17.0	
										j55	
										P110	
										LTC	
										LTC	
Drilling Fluid Type OBM		Max. Density 9.20 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" Production									
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		ft		ft	
						ft		ft		Diameter	
						ft		ft		in	
						Treat Down Casing		Displacement bbl		Packer Type	
										Packer Depth	
						ft				ft	
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl	
										Openhole Vol. 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 2500 psi						Shoe Type Float		Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 20520.0 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 Jun/26/2018 08:00		Arrived on Location Jun/26/2018 08:00		Leave Location Jun/26/2018 20:30		Collar Type Float		Tail Pipe Depth ft			
						Collar Depth 20519.0 ft		Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
06/26/2018	13:09:03	46	2.4	8.43	0.0	Started Acquisition					
06/26/2018	13:09:04	46	0.9	8.43	0.0	Held JSA					
06/26/2018	13:09:06	46	0.4	8.43	0.0	20 bbls Diesel Pumped by Rig					
06/26/2018	13:09:08	46	0.1	8.43	0.0	Start Pumping Water					
06/26/2018	13:09:10	46	0.1	8.43	0.0	Pressure Test Lines					
06/26/2018	13:10:03	48	0.1	8.43	0.0						
06/26/2018	13:11:03	47	0.1	8.43	0.0						
06/26/2018	13:12:03	50	0.1	8.43	0.0						
06/26/2018	13:13:03	210	2.1	8.39	0.7						
06/26/2018	13:14:03	237	2.4	8.40	2.8						
06/26/2018	13:15:03	126	0.0	8.40	5.0						
06/26/2018	13:16:03	985	0.0	8.40	5.0						
06/26/2018	13:17:03	5486	0.0	8.40	5.0						
06/26/2018	13:18:03	5496	0.0	8.40	5.0						
06/26/2018	13:19:03	5515	0.0	8.39	5.0						
06/26/2018	13:20:03	3122	0.0	8.39	5.1						
06/26/2018	13:21:03	76	0.0	8.39	5.4						
06/26/2018	13:21:27	78	0.0	8.39	0.0	Water Sample Taken					
06/26/2018	13:21:29	78	0.0	8.39	0.0	End Water					
06/26/2018	13:21:31	78	0.0	8.39	0.0	Reset Total, Vol = 5.83 bbl					
06/26/2018	13:21:33	78	0.0	8.39	0.0	Start Pumping Spacer					

Well			Field	Job Start		Customer		Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko		DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/26/2018	13:23:03	87	0.0	8.39	0.0				
06/26/2018	13:24:03	94	0.0	8.38	0.1				
06/26/2018	13:25:03	100	0.0	8.37	0.1				
06/26/2018	13:26:03	114	0.3	8.37	0.1				
06/26/2018	13:27:03	348	4.0	10.87	1.2				
06/26/2018	13:28:03	427	4.0	10.82	5.3				
06/26/2018	13:29:03	397	4.0	10.79	9.3				
06/26/2018	13:30:03	431	4.0	10.81	13.4				
06/26/2018	13:31:03	203	0.6	10.82	15.3				
06/26/2018	13:32:03	476	1.8	10.86	16.0				
06/26/2018	13:33:03	364	3.3	10.89	18.1				
06/26/2018	13:34:03	200	1.0	10.88	21.2				
06/26/2018	13:35:03	322	4.1	10.88	23.6				
06/26/2018	13:36:03	349	4.1	10.94	27.7				
06/26/2018	13:37:03	438	4.1	10.95	31.8				
06/26/2018	13:38:03	333	4.1	10.96	35.9				
06/26/2018	13:39:03	371	4.1	10.97	39.9				
06/26/2018	13:40:03	390	4.1	11.00	44.0				
06/26/2018	13:41:03	304	4.1	10.91	48.1				
06/26/2018	13:42:03	375	4.1	10.91	52.3				
06/26/2018	13:43:03	320	4.1	10.89	56.5				
06/26/2018	13:44:03	309	4.1	10.87	60.6				
06/26/2018	13:45:03	337	4.1	10.84	64.7				
06/26/2018	13:46:03	276	4.1	10.84	68.8				
06/26/2018	13:47:03	320	4.1	10.87	72.8				
06/26/2018	13:48:03	268	4.1	10.93	76.9				
06/26/2018	13:49:03	274	4.1	10.97	81.3				
06/26/2018	13:50:03	116	2.5	10.90	84.8				
06/26/2018	13:50:50	53	0.0	10.88	86.7	End Spacer			
06/26/2018	13:50:52	52	0.0	10.88	86.7	Reset Total, Vol = 80.55 bbl			
06/26/2018	13:51:03	52	0.0	10.88	86.7				
06/26/2018	13:52:03	58	0.0	10.88	86.7				
06/26/2018	13:53:03	58	0.0	10.88	0.0				
06/26/2018	13:54:03	59	0.0	10.88	0.0				
06/26/2018	13:54:51	59	0.0	10.88	0.0	Drop Bottom Plug			
06/26/2018	13:55:03	60	0.0	10.88	0.0				
06/26/2018	13:56:03	59	0.0	10.88	0.0				
06/26/2018	13:57:03	59	0.0	10.88	0.0				
06/26/2018	13:58:03	60	0.0	10.87	0.0				
06/26/2018	13:59:03	60	0.0	10.87	0.0				
06/26/2018	14:00:03	107	2.7	11.59	1.6				
06/26/2018	14:01:03	178	4.0	11.84	4.1				
06/26/2018	14:02:03	192	4.1	11.89	8.2				
06/26/2018	14:03:03	204	4.1	11.83	12.3				
06/26/2018	14:03:26	207	4.1	11.82	13.8	Start Mixing Lead Slurry			
06/26/2018	14:04:03	253	4.1	11.81	16.3				
06/26/2018	14:04:41	250	4.1	11.81	18.9	Wet and Dry Samples Taken			
06/26/2018	14:04:42	256	4.1	11.81	19.0	Wet Sample Weighed 12 ppg			
06/26/2018	14:05:03	253	4.1	11.82	20.4				
06/26/2018	14:06:03	285	4.1	11.83	24.5				
06/26/2018	14:07:03	256	4.1	11.85	28.5				
06/26/2018	14:08:03	245	4.1	11.86	32.6				
06/26/2018	14:09:03	246	4.1	11.86	36.6				
06/26/2018	14:10:03	205	4.1	11.86	40.7				

Well			Field	Job Start		Customer	Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko	DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/26/2018	14:12:03	210	4.1	11.91	48.9			
06/26/2018	14:13:03	191	4.1	11.90	52.9			
06/26/2018	14:14:03	219	5.7	11.88	57.6			
06/26/2018	14:15:03	207	7.2	11.89	62.3			
06/26/2018	14:16:03	226	4.1	11.89	68.5			
06/26/2018	14:17:03	216	4.1	11.87	72.6			
06/26/2018	14:18:03	204	4.1	11.84	76.7			
06/26/2018	14:19:03	316	5.4	11.89	80.9			
06/26/2018	14:20:03	310	5.6	25.00	86.4			
06/26/2018	14:21:03	309	5.4	12.08	91.9			
06/26/2018	14:22:03	312	5.4	11.95	97.3			
06/26/2018	14:22:10	315	5.4	11.86	98.0	Wet Sample Weighed, 12.0 ppg		
06/26/2018	14:23:03	328	5.4	25.00	102.8			
06/26/2018	14:24:03	343	5.4	25.00	108.2			
06/26/2018	14:25:03	217	4.1	25.00	113.6			
06/26/2018	14:26:03	236	4.1	25.00	117.7			
06/26/2018	14:27:03	219	4.1	12.10	121.8			
06/26/2018	14:28:03	216	4.1	12.06	125.9			
06/26/2018	14:29:03	227	4.1	11.88	130.0			
06/26/2018	14:30:03	192	4.1	11.80	134.0			
06/26/2018	14:31:03	331	5.4	11.91	138.2			
06/26/2018	14:32:03	322	5.6	11.84	143.6			
06/26/2018	14:33:03	298	5.4	11.77	149.1			
06/26/2018	14:34:03	298	5.4	11.61	154.5			
06/26/2018	14:35:03	294	5.4	11.79	160.0			
06/26/2018	14:36:03	327	5.4	11.85	165.4			
06/26/2018	14:37:03	351	5.6	11.93	170.9			
06/26/2018	14:38:03	354	5.4	11.97	176.4			
06/26/2018	14:39:03	219	4.1	11.96	181.3			
06/26/2018	14:40:03	218	4.1	11.95	185.4			
06/26/2018	14:41:03	233	4.1	11.93	189.5			
06/26/2018	14:42:03	199	4.1	25.00	193.6			
06/26/2018	14:43:03	222	4.1	25.00	197.6			
06/26/2018	14:44:03	211	4.1	25.00	201.7			
06/26/2018	14:45:03	218	4.1	12.07	205.8			
06/26/2018	14:46:03	243	4.0	12.05	209.9			
06/26/2018	14:47:03	205	4.9	12.00	214.8			
06/26/2018	14:48:03	213	5.6	11.92	219.2			
06/26/2018	14:49:03	209	4.1	11.94	226.3			
06/26/2018	14:50:03	199	4.2	11.93	230.4			
06/26/2018	14:51:03	223	4.1	25.00	234.5			
06/26/2018	14:52:03	223	4.1	25.00	238.6			
06/26/2018	14:53:03	223	4.1	25.00	242.7			
06/26/2018	14:54:03	243	4.1	25.00	246.8			
06/26/2018	14:55:03	214	4.1	12.13	250.9			
06/26/2018	14:56:03	220	4.1	11.99	255.0			
06/26/2018	14:57:03	220	4.1	25.00	259.1			
06/26/2018	14:58:03	219	4.1	14.52	263.2			
06/26/2018	14:58:12	213	4.1	12.15	263.8	End Lead Slurry		
06/26/2018	14:58:49	264	4.1	25.00	266.3	Reset Total, Vol = 276.26 bbl		
06/26/2018	14:59:03	52	0.0	25.00	0.1			
06/26/2018	15:00:03	59	0.0	25.00	0.1			
06/26/2018	15:01:03	59	0.0	12.62	0.1			
06/26/2018	15:02:03	60	0.0	25.00	0.1			

Well			Field	Job Start		Customer	Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko	DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/26/2018	15:04:03	59	0.0	12.63	0.1			
06/26/2018	15:05:03	60	0.0	12.66	0.1			
06/26/2018	15:06:03	60	0.0	12.66	0.1			
06/26/2018	15:07:03	61	0.0	12.66	0.1			
06/26/2018	15:08:03	61	0.0	12.66	0.1			
06/26/2018	15:09:03	62	0.0	11.28	0.1			
06/26/2018	15:10:03	62	0.0	12.45	0.1			
06/26/2018	15:11:03	54	0.0	13.53	0.1			
06/26/2018	15:12:03	91	2.2	11.06	1.4			
06/26/2018	15:13:03	174	4.1	12.52	4.1			
06/26/2018	15:14:03	193	4.1	12.93	8.2			
06/26/2018	15:14:42	203	4.1	13.15	10.9	Start Mixing Tail Slurry		
06/26/2018	15:15:03	211	4.1	13.11	12.3			
06/26/2018	15:16:03	193	4.1	13.07	16.4			
06/26/2018	15:17:03	220	4.1	13.49	20.5			
06/26/2018	15:18:03	130	1.6	14.23	22.3			
06/26/2018	15:19:03	58	0.0	15.39	22.4			
06/26/2018	15:20:03	60	0.0	15.96	22.4			
06/26/2018	15:21:03	61	0.0	13.09	22.4			
06/26/2018	15:22:03	112	2.2	13.14	24.5			
06/26/2018	15:23:03	108	2.3	13.08	26.7			
06/26/2018	15:24:03	100	1.0	13.07	28.2			
06/26/2018	15:25:03	102	1.0	13.33	29.3			
06/26/2018	15:26:03	103	1.0	13.32	30.3			
06/26/2018	15:27:03	117	2.3	13.35	32.3			
06/26/2018	15:28:03	193	4.1	13.43	35.4			
06/26/2018	15:29:03	142	4.1	13.50	39.5			
06/26/2018	15:29:04	134	4.1	13.49	39.6	Wet and Dry Samples Taken		
06/26/2018	15:29:05	129	4.1	13.49	39.7	Wet Sample Weighed, 13.5 ppg		
06/26/2018	15:30:03	118	4.1	13.48	43.6			
06/26/2018	15:31:03	191	5.6	13.44	47.7			
06/26/2018	15:32:03	292	5.4	13.43	53.2			
06/26/2018	15:33:03	292	5.4	13.35	58.6			
06/26/2018	15:34:03	294	5.4	13.82	64.1			
06/26/2018	15:35:03	288	5.6	13.60	69.5			
06/26/2018	15:36:03	199	4.2	13.61	73.9			
06/26/2018	15:37:03	216	4.1	13.59	78.0			
06/26/2018	15:38:03	195	4.1	13.65	82.1			
06/26/2018	15:39:03	192	4.1	13.34	86.2			
06/26/2018	15:40:03	207	4.1	13.48	90.3			
06/26/2018	15:41:03	191	4.1	13.56	94.4			
06/26/2018	15:42:03	219	4.1	13.62	98.4			
06/26/2018	15:43:03	185	4.1	13.32	102.5			
06/26/2018	15:44:03	187	4.2	13.45	106.6			
06/26/2018	15:45:03	211	4.1	13.59	110.7			
06/26/2018	15:46:03	170	4.1	13.25	114.8			
06/26/2018	15:47:03	195	4.1	13.39	118.9			
06/26/2018	15:48:03	197	4.1	13.40	123.0			
06/26/2018	15:49:03	188	4.1	13.42	127.1			
06/26/2018	15:50:03	207	4.1	13.44	131.2			
06/26/2018	15:51:03	180	4.1	13.41	135.3			
06/26/2018	15:52:03	191	4.1	13.42	139.3			
06/26/2018	15:53:03	205	4.1	13.41	143.4			
06/26/2018	15:54:03	181	4.1	13.40	147.5			

Well			Field	Job Start		Customer	Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko	DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/26/2018	15:56:03	196	4.1	13.40	155.7			
06/26/2018	15:57:03	187	4.1	13.39	159.8			
06/26/2018	15:58:03	202	4.1	13.45	163.9			
06/26/2018	15:59:03	201	4.1	13.50	168.0			
06/26/2018	16:00:03	193	4.1	13.49	172.1			
06/26/2018	16:01:03	203	4.1	13.44	176.1			
06/26/2018	16:02:03	190	4.2	13.47	180.2			
06/26/2018	16:03:03	199	4.1	13.45	184.3			
06/26/2018	16:04:03	193	4.1	13.45	188.4			
06/26/2018	16:05:03	197	4.1	13.48	192.5			
06/26/2018	16:06:03	210	4.1	13.49	196.6			
06/26/2018	16:07:03	192	4.1	13.54	200.7			
06/26/2018	16:08:03	203	4.1	13.45	204.8			
06/26/2018	16:09:03	195	4.1	13.43	208.9			
06/26/2018	16:10:03	193	4.1	13.42	213.0			
06/26/2018	16:11:03	213	4.1	13.52	217.1			
06/26/2018	16:12:03	204	4.1	13.50	221.2			
06/26/2018	16:13:03	189	4.1	13.20	225.3			
06/26/2018	16:14:03	54	1.0	12.85	226.5			
06/26/2018	16:15:03	129	1.0	13.43	227.5			
06/26/2018	16:16:03	203	4.1	13.54	230.0			
06/26/2018	16:17:03	218	4.1	13.56	234.1			
06/26/2018	16:18:03	202	4.1	13.49	238.2			
06/26/2018	16:19:03	185	4.1	12.96	242.3			
06/26/2018	16:20:03	217	4.1	13.79	246.4			
06/26/2018	16:21:03	212	4.1	13.69	250.5			
06/26/2018	16:22:03	137	2.3	13.67	253.7			
06/26/2018	16:23:03	129	2.3	13.66	255.9			
06/26/2018	16:24:03	135	2.3	13.77	258.2			
06/26/2018	16:25:03	131	2.3	25.00	260.4			
06/26/2018	16:26:03	138	2.3	25.00	262.6			
06/26/2018	16:27:03	143	2.3	14.78	264.8			
06/26/2018	16:28:03	123	2.2	13.61	267.1			
06/26/2018	16:29:03	210	4.2	25.00	270.8			
06/26/2018	16:30:03	206	4.1	25.00	274.9			
06/26/2018	16:31:03	221	4.1	25.00	279.0			
06/26/2018	16:32:03	189	4.1	25.00	283.1			
06/26/2018	16:33:03	201	4.1	25.00	287.2			
06/26/2018	16:34:03	194	4.1	25.00	291.3			
06/26/2018	16:35:03	190	4.1	25.00	295.4			
06/26/2018	16:36:03	208	4.1	25.00	299.5			
06/26/2018	16:37:03	196	4.1	0.09	303.6			
06/26/2018	16:38:03	191	4.1	25.00	307.6			
06/26/2018	16:39:03	207	4.1	25.00	311.7			
06/26/2018	16:40:03	190	4.1	25.00	315.8			
06/26/2018	16:41:03	205	4.1	13.49	319.9			
06/26/2018	16:42:03	195	4.1	13.49	324.0			
06/26/2018	16:43:03	193	4.1	13.51	328.1			
06/26/2018	16:44:03	212	4.1	13.52	332.2			
06/26/2018	16:45:03	185	4.1	13.52	336.2			
06/26/2018	16:46:03	200	4.1	13.52	340.4			
06/26/2018	16:47:03	209	4.2	13.52	344.5			
06/26/2018	16:48:03	186	4.1	13.46	348.6			
06/26/2018	16:49:03	206	4.2	13.45	352.7			

Well English Farms 8-12HZ			Field Wattenberg		Job Start Jun/26/2018	Customer Anadarko	Job Number DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/26/2018	16:51:03	190	4.1	13.43	360.8		
06/26/2018	16:52:03	204	4.1	13.41	364.9		
06/26/2018	16:53:03	188	4.1	-0.00	369.0		
06/26/2018	16:54:03	200	4.1	25.00	373.1		
06/26/2018	16:55:03	196	4.1	-0.00	377.2		
06/26/2018	16:56:03	189	4.1	25.00	381.3		
06/26/2018	16:57:03	202	4.1	18.58	385.4		
06/26/2018	16:58:03	192	4.1	0.54	389.5		
06/26/2018	16:59:03	193	4.1	13.45	393.6		
06/26/2018	17:00:03	206	4.1	13.39	397.7		
06/26/2018	17:01:03	185	4.1	13.40	401.7		
06/26/2018	17:02:03	203	4.1	13.41	405.8		
06/26/2018	17:03:03	206	4.1	13.41	409.9		
06/26/2018	17:04:03	189	4.1	13.42	414.0		
06/26/2018	17:05:03	208	4.1	13.40	418.1		
06/26/2018	17:06:03	184	4.1	13.40	422.2		
06/26/2018	17:07:03	196	4.1	13.41	426.3		
06/26/2018	17:08:03	207	4.1	13.43	430.4		
06/26/2018	17:09:03	189	4.2	13.42	434.5		
06/26/2018	17:10:03	205	4.1	25.00	438.6		
06/26/2018	17:11:03	200	4.1	25.00	442.7		
06/26/2018	17:12:03	200	4.1	13.53	446.8		
06/26/2018	17:13:03	220	4.1	13.56	450.8		
06/26/2018	17:14:03	193	4.1	13.47	454.9		
06/26/2018	17:15:03	203	4.1	13.47	459.0		
06/26/2018	17:16:03	198	4.1	13.50	463.1		
06/26/2018	17:17:03	197	4.1	25.00	467.2		
06/26/2018	17:18:03	211	4.1	25.00	471.3		
06/26/2018	17:18:10	193	4.1	25.00	471.8	Sample Weighed, 13.5 ppg	
06/26/2018	17:19:03	200	4.1	25.00	475.4		
06/26/2018	17:20:03	201	4.1	0.17	479.5		
06/26/2018	17:21:03	232	4.1	25.00	483.5		
06/26/2018	17:22:03	206	4.1	25.00	487.6		
06/26/2018	17:23:03	223	4.1	25.00	491.7		
06/26/2018	17:23:32	309	5.6	25.00	493.9	End Tail Slurry	
06/26/2018	17:24:03	316	5.4	25.00	496.8		
06/26/2018	17:24:27	298	5.4	2.51	499.0	Reset Total, Vol = 490.31 bbl	
06/26/2018	17:25:03	73	0.0	25.00	0.3		
06/26/2018	17:26:03	70	24.9	25.00	15.2		
06/26/2018	17:27:03	70	24.9	25.00	40.2		
06/26/2018	17:28:03	70	0.0	0.00	60.0		
06/26/2018	17:28:28	70	25.0	25.00	65.1	Washup Pump and Line	
06/26/2018	17:29:03	70	0.0	25.00	67.8		
06/26/2018	17:30:03	70	25.0	25.00	81.5		
06/26/2018	17:31:03	70	3.1	25.00	100.0		
06/26/2018	17:32:03	64	0.0	25.00	113.6		
06/26/2018	17:33:03	132	0.0	25.00	126.5		
06/26/2018	17:34:03	37	6.3	25.00	140.6		
06/26/2018	17:35:03	49	24.9	25.00	146.6		
06/26/2018	17:36:03	49	0.0	25.00	157.9		
06/26/2018	17:37:03	143	0.0	-0.00	6.6		
06/26/2018	17:38:03	47	0.0	-0.00	6.6		
06/26/2018	17:39:03	32	0.0	25.00	10.1		
06/26/2018	17:40:03	45	25.0	0.20	11.5		



Well			Field	Job Start		Customer		Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko		DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/26/2018	17:42:03	89	25.0	-0.00	61.5				
06/26/2018	17:43:03	60	25.0	25.00	86.5				
06/26/2018	17:44:03	48	25.0	8.55	5.8				
06/26/2018	17:45:03	48	25.0	8.49	0.0				
06/26/2018	17:45:35	90	2.4	8.48	0.5	Drop Top Plug			
06/26/2018	17:45:36	92	2.4	8.48	0.5	Start Displacement			
06/26/2018	17:46:03	78	3.2	8.48	1.6				
06/26/2018	17:47:03	239	7.8	8.46	8.5				
06/26/2018	17:48:03	238	7.9	8.41	16.3				
06/26/2018	17:49:03	216	7.8	8.40	24.2				
06/26/2018	17:50:03	247	7.8	8.40	32.0				
06/26/2018	17:51:03	992	5.0	8.40	39.5				
06/26/2018	17:52:03	1239	6.4	8.39	45.7				
06/26/2018	17:53:03	1386	6.2	8.40	52.0				
06/26/2018	17:54:03	1423	6.5	8.40	58.3				
06/26/2018	17:55:03	1377	6.2	8.39	64.7				
06/26/2018	17:56:03	1522	6.2	8.39	71.0				
06/26/2018	17:57:03	1667	6.4	8.39	77.3				
06/26/2018	17:58:03	1790	6.4	8.39	83.6				
06/26/2018	17:59:03	1838	6.4	8.39	89.9				
06/26/2018	18:00:03	2032	6.4	8.39	96.2				
06/26/2018	18:01:03	2208	6.4	8.39	102.5				
06/26/2018	18:02:03	2292	6.4	8.39	108.8				
06/26/2018	18:03:03	1979	5.4	8.39	114.1				
06/26/2018	18:04:03	1909	5.4	8.39	119.5				
06/26/2018	18:05:03	1923	5.4	8.39	125.0				
06/26/2018	18:06:03	1934	5.4	8.39	130.5				
06/26/2018	18:07:03	2021	5.4	8.39	135.9				
06/26/2018	18:08:03	2088	5.4	8.39	141.4				
06/26/2018	18:09:03	2202	5.3	8.39	146.8				
06/26/2018	18:10:03	2299	5.2	8.39	152.1				
06/26/2018	18:11:03	2356	5.1	8.39	157.3				
06/26/2018	18:12:03	2415	5.2	8.39	162.4				
06/26/2018	18:13:03	2511	5.0	8.39	167.5				
06/26/2018	18:14:03	2368	5.1	8.40	172.7				
06/26/2018	18:15:03	2356	5.1	8.39	177.8				
06/26/2018	18:15:39	2314	5.2	8.39	180.9	Good Returns			
06/26/2018	18:16:03	2308	5.1	8.39	183.0				
06/26/2018	18:17:03	2360	5.1	8.39	188.2				
06/26/2018	18:18:03	2361	5.1	8.39	193.3				
06/26/2018	18:19:03	2543	5.8	8.40	198.7				
06/26/2018	18:20:03	2149	0.0	8.39	204.8				
06/26/2018	18:21:03	2622	6.4	8.39	210.2				
06/26/2018	18:22:03	2669	6.4	8.39	216.5				
06/26/2018	18:23:03	2772	6.2	8.39	222.8				
06/26/2018	18:24:03	2584	6.4	8.39	229.1				
06/26/2018	18:25:03	2649	6.4	8.39	235.4				
06/26/2018	18:26:03	2646	6.2	8.39	241.7				
06/26/2018	18:27:03	2595	6.2	8.39	248.0				
06/26/2018	18:28:03	2625	6.4	8.39	254.3				
06/26/2018	18:29:03	2665	6.4	8.39	260.6				
06/26/2018	18:30:03	2679	6.2	8.39	267.0				
06/26/2018	18:31:03	2673	6.1	8.39	273.3				
06/26/2018	18:32:03	2626	6.4	8.39	279.5				

Well			Field	Job Start		Customer	Job Number	
English Farms 8-12HZ			Wattenberg		Jun/26/2018		Anadarko	DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/26/2018	18:34:03	2655	6.2	8.39	292.0			
06/26/2018	18:35:03	2669	6.4	8.39	298.3			
06/26/2018	18:36:03	2650	6.1	8.39	304.5			
06/26/2018	18:37:03	2678	6.1	8.39	310.8			
06/26/2018	18:38:03	2689	6.1	8.39	317.0			
06/26/2018	18:39:03	2754	6.2	8.39	323.3			
06/26/2018	18:40:03	2740	6.2	8.39	329.6			
06/26/2018	18:41:03	2747	6.1	8.39	335.8			
06/26/2018	18:42:03	2773	6.1	8.39	342.0			
06/26/2018	18:43:03	2817	6.2	8.39	348.3			
06/26/2018	18:44:03	2496	5.2	8.39	352.9			
06/26/2018	18:45:03	2588	5.2	8.39	358.1			
06/26/2018	18:46:03	2580	5.1	8.39	363.2			
06/26/2018	18:47:03	2624	5.1	8.39	368.3			
06/26/2018	18:48:03	2625	5.0	8.39	373.3			
06/26/2018	18:49:03	2643	5.0	8.39	378.3			
06/26/2018	18:50:03	2643	4.9	8.39	383.3			
06/26/2018	18:51:03	2672	4.9	8.39	388.2			
06/26/2018	18:52:03	2623	4.9	8.39	393.1			
06/26/2018	18:53:03	2681	4.9	8.39	398.0			
06/26/2018	18:54:03	2654	4.8	8.39	402.8			
06/26/2018	18:55:03	2671	4.9	8.39	407.7			
06/26/2018	18:56:03	2681	4.8	8.39	412.5			
06/26/2018	18:57:03	2685	4.8	8.39	417.2			
06/26/2018	18:58:03	2739	4.8	8.39	422.0			
06/26/2018	18:59:03	2698	4.6	8.39	426.7			
06/26/2018	19:00:03	2729	4.8	8.39	431.4			
06/26/2018	19:00:34	2730	4.8	8.39	433.9	10 bbls Spacer to Surface		
06/26/2018	19:01:03	2781	4.6	8.39	436.1			
06/26/2018	19:02:03	2769	4.8	8.39	440.8			
06/26/2018	19:03:03	2791	4.5	8.39	445.3			
06/26/2018	19:04:03	2818	4.5	8.39	449.8			
06/26/2018	19:05:03	2801	4.5	8.39	454.3			
06/26/2018	19:06:03	2832	4.4	8.39	458.7			
06/26/2018	19:07:03	2835	4.5	8.39	463.2			
06/26/2018	19:08:03	2504	2.1	8.39	467.0			
06/26/2018	19:09:03	2306	2.1	8.39	469.1			
06/26/2018	19:10:03	2298	2.1	8.39	471.3			
06/26/2018	19:11:03	2341	2.1	8.39	473.4			
06/26/2018	19:12:03	2392	2.1	8.39	475.5			
06/26/2018	19:13:03	2299	2.1	8.39	477.6			
06/26/2018	19:14:03	2309	2.1	8.39	479.8			
06/26/2018	19:15:03	2349	2.1	8.39	481.9			
06/26/2018	19:16:03	2397	2.1	8.39	484.0			
06/26/2018	19:17:03	2976	2.1	8.39	486.1			
06/26/2018	19:18:03	3026	0.0	8.39	486.2			
06/26/2018	19:18:26	3031	0.0	8.39	486.2	Bump Top Plug 2500-3000 psi		
06/26/2018	19:18:31	3004	0.0	8.39	486.2	End Displacement		
06/26/2018	19:18:35	3035	0.0	8.39	486.2	Reset Total, Vol = 477 bbl		
06/26/2018	19:18:41	3007	0.0	8.39	486.2	Start 15 min, 3000psi Casing Test		
06/26/2018	19:19:03	3022	0.0	8.39	486.2			
06/26/2018	19:20:03	3038	0.0	8.39	486.2			
06/26/2018	19:20:08	3042	0.0	8.39	486.2	Est. TOL 1,460 ft, TOT 7,960		
06/26/2018	19:21:03	3056	0.0	8.39	486.2			

Well English Farms 8-12HZ			Field Wattenberg		Job Start Jun/26/2018	Customer Anadarko		Job Number DZ6N-00396
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
06/26/2018	19:23:03	3092	0.0	8.39	486.3			
06/26/2018	19:24:03	3109	0.0	8.39	486.3			
06/26/2018	19:25:03	3124	0.0	8.39	486.3			
06/26/2018	19:26:03	3140	0.0	8.39	486.3			
06/26/2018	19:27:03	3155	0.0	8.40	486.3			
06/26/2018	19:28:03	3169	0.0	8.40	486.3			
06/26/2018	19:29:03	3184	0.0	8.40	486.3			
06/26/2018	19:30:03	3198	0.0	8.40	486.3			
06/26/2018	19:31:03	3212	0.0	8.40	486.3			
06/26/2018	19:32:03	3225	0.0	8.40	486.3			
06/26/2018	19:33:03	3576	1.9	8.39	486.7			
06/26/2018	19:33:05	3663	1.9	8.39	486.8	Toe Sleeve Burst at 4750 psi		
06/26/2018	19:34:03	4876	1.9	8.39	488.7			
06/26/2018	19:34:27	2734	2.0	8.39	0.6	Pump 3 bbl Wet Shoe		
06/26/2018	19:35:03	2505	2.0	8.39	1.8			
06/26/2018	19:36:03	2174	0.0	8.39	3.2			
06/26/2018	19:36:21	2073	0.0	8.39	3.2	Floats Hold, 3.5 bbls Back		
06/26/2018	19:37:03	638	0.0	8.39	3.2			
06/26/2018	19:37:54	45	0.0	8.39	3.2	End Job		
06/26/2018	19:38:03	45	0.0	8.39	3.2			
06/26/2018	19:39:03	47	0.0	8.07	3.2			
06/26/2018	19:40:03	47	0.0	7.78	3.4			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.6	N2	Mud	Maximum Rate 25.0	Total Slurry 766.0	Mud 0.0	Spacer 80.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 5534	Final 47	Average 872	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 764.0 bbl	Displacement 477.0 bbl	Mix Water Temp 76 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative			Schlumberger Supervisor Ryan Drilling/Luis Evans			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					