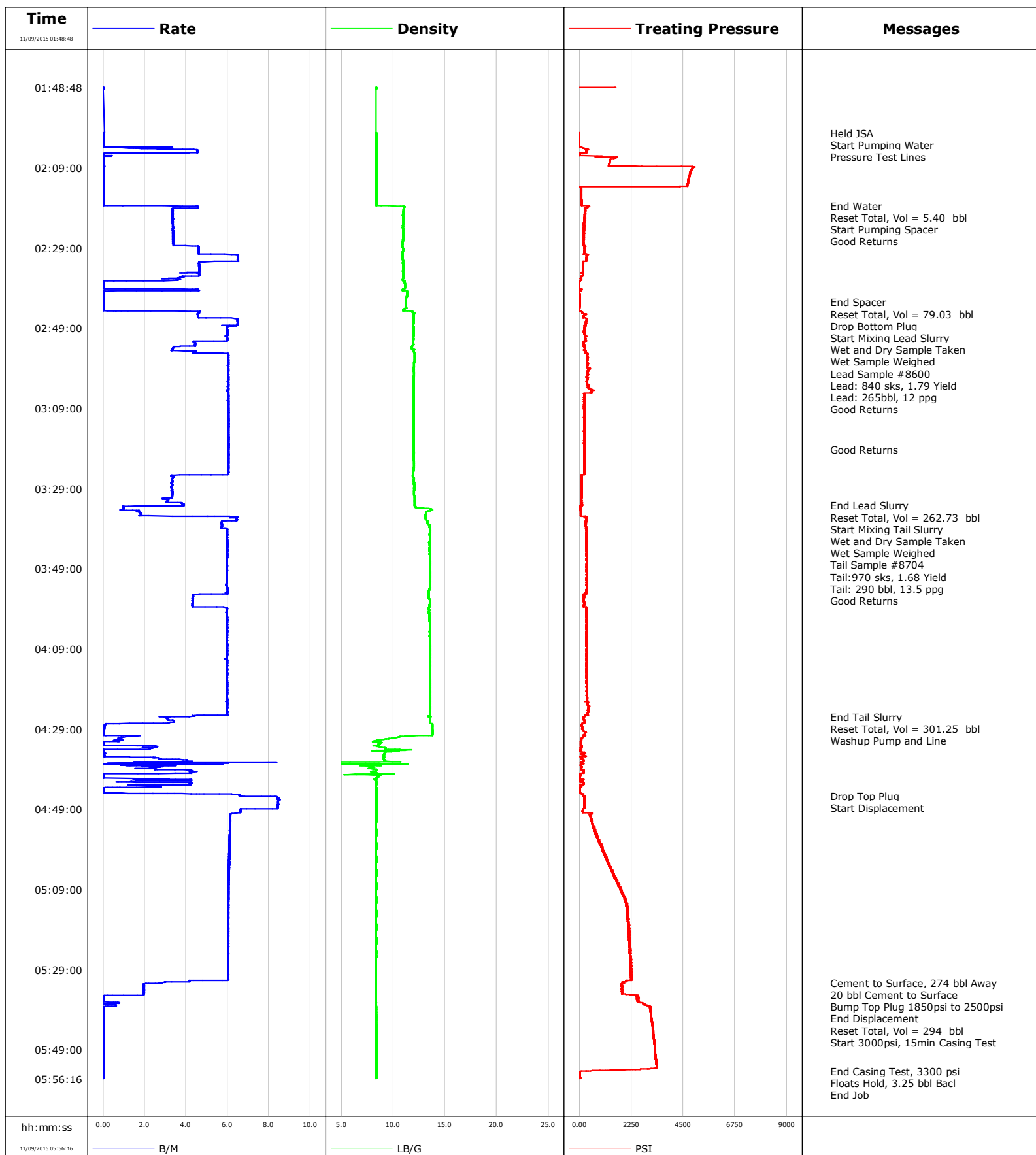


Well Sunflower 7C-17HZ
Field Wattenberg
Engineer Ryan Drilling/Ken Sovereign
Country United States

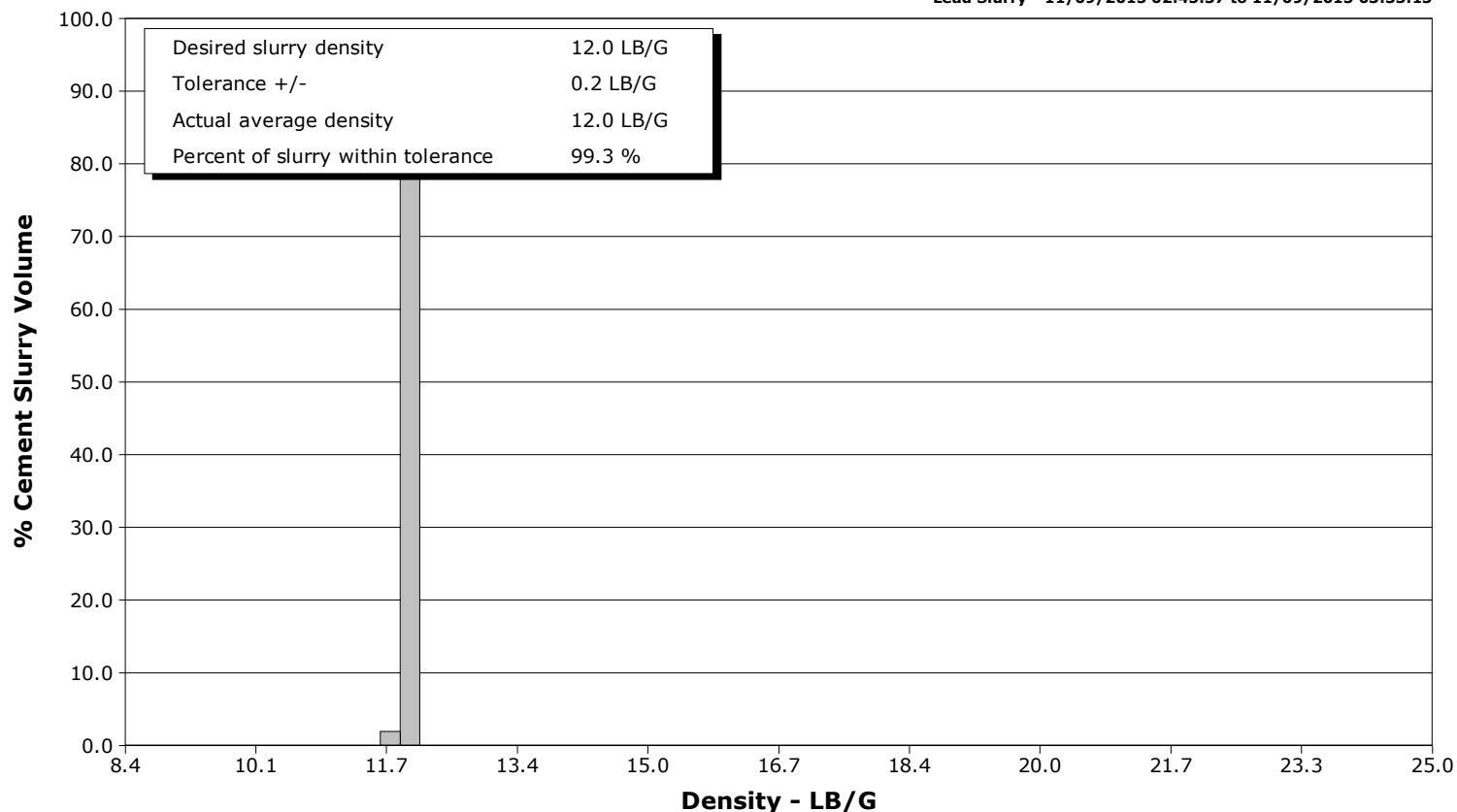
Client Anadarko
SIR No. CWJN-01494
Job Type 5.5 Conventional Lateral
Job Date 11-08-2015



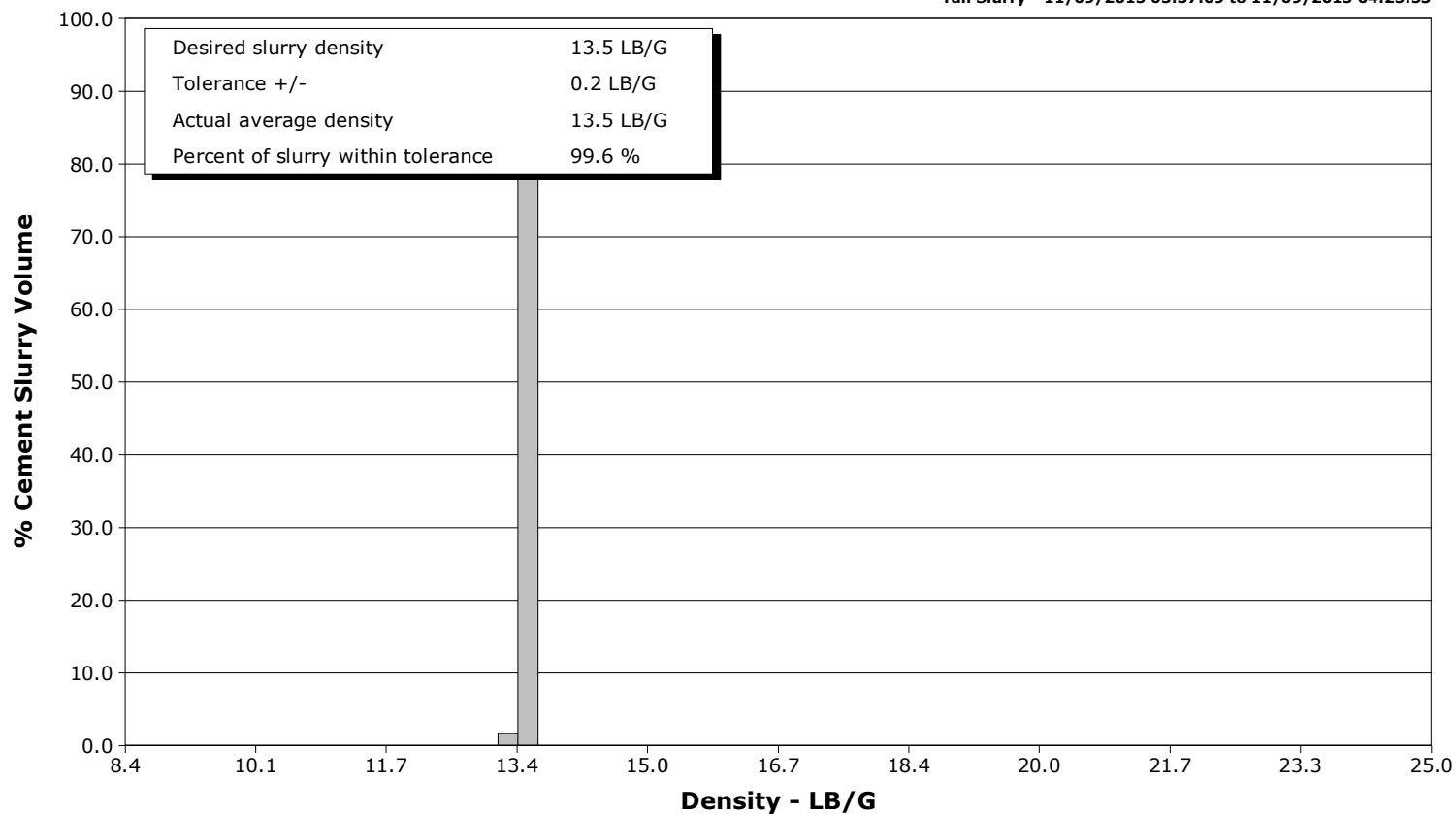
Well Sunflower 7C-17HZ
Field Wattenberg
Engineer Ryan Drilling/Ken Sovereign
Country United States

Client Anadarko
SIR No. CWJN-01494
Job Type 5.5 Conventional Lateral
Job Date 11-08-2015

Lead Slurry - 11/09/2015 02:45:37 to 11/09/2015 03:33:15



Tail Slurry - 11/09/2015 03:37:09 to 11/09/2015 04:25:53



Cementing Service Report

					Customer Anadarko			Job Number CWJN-01494	
Well Sunflower 7C-17HZ 7C-17HZ			Location (legal) CWY		Schlumberger Location Rock Springs			Job Start Nov/08/2015	
Field Wattenberg		Formation Name/Type Shale		Deviation 90 deg		Bit Size 8.5 in		Well MD 12770.0 ft	
County Weld		State/Province Colorado		BHP psi		BHST 234 degF		BHCT 229 degF	
Well Master 0631651886		API/UWI 05123420710000						Pore Press. Gradient lb/gal	
Rig Name Precision 461		Drilled For Oil		Service Via Land		Casing/Liner			
						Depth, ft		Size, in	
						Weight, lb/ft		Grade	
Offshore Zone		Well Class New		Well Type Development		12757.0		5.5	
						1854.0		9.6	
						17.0		J55	
						36.0		j55	
Drilling Fluid Type OBM		Max. Density 9.50 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 Conventional Lateral							
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	
						ft		ft	
						Treat Down Casing		Displacement 294.4 bbl	
						Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 297.0 bbl	
						Annular Vol. 90.0 bbl		Openhole Vol. 444.0 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 2500 psi						Shoe Type Float		Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 12757.0 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/08/2015 20:30		Arrived on Location Nov/08/2015 20:30		Leave Location Nov/09/2015 06:00		Collar Type Float		Tail Pipe Depth ft	
						Collar Depth 12673.0 ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message		
11/09/2015	01:48:48	1524	0.0	8.36	0.1	8.40	Started Acquisition		
11/09/2015	01:49:08	-3755	0.0	8.37	0.1	8.40			
11/09/2015	02:00:14	-1	0.0	8.36	4.4	8.40	Held JSA		
11/09/2015	02:00:25	-3	0.0	8.36	4.4	8.40	Start Pumping Water		
11/09/2015	02:00:27	-4	0.0	8.36	4.4	8.40	Pressure Test Lines		
11/09/2015	02:00:28	-1	0.0	8.36	4.4	8.40			
11/09/2015	02:00:48	-2	0.0	8.36	4.4	8.40			
11/09/2015	02:01:08	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:01:28	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:01:48	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:02:08	-5	0.0	8.36	4.4	8.40			
11/09/2015	02:02:28	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:02:48	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:03:08	-4	0.0	8.36	4.4	8.40			
11/09/2015	02:03:28	-3	0.0	8.36	4.4	8.40			
11/09/2015	02:03:48	68	1.1	8.36	0.1	8.40			
11/09/2015	02:04:08	221	2.2	8.36	0.4	8.40			
11/09/2015	02:04:28	327	4.5	8.36	1.6	8.40			
11/09/2015	02:04:48	307	4.5	8.36	3.1	8.40			
11/09/2015	02:05:08	299	4.5	8.35	4.6	8.40			
11/09/2015	02:05:28	14	0.0	8.36	5.3	8.40			

Well			Field		Job Start	Customer	Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko	CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message
11/09/2015	02:06:08	738	0.0	8.36	5.3	8.40	
11/09/2015	02:06:28	1550	0.0	8.36	5.3	8.40	
11/09/2015	02:06:48	1355	0.0	8.36	5.3	8.40	
11/09/2015	02:07:08	1320	0.0	8.36	5.3	8.40	
11/09/2015	02:07:28	1308	0.0	8.36	5.3	8.40	
11/09/2015	02:07:48	1295	0.0	8.36	5.3	8.40	
11/09/2015	02:08:08	1284	0.0	8.36	5.3	8.40	
11/09/2015	02:08:28	1272	0.0	8.36	5.3	8.40	
11/09/2015	02:08:48	4943	0.0	8.36	5.3	8.40	
11/09/2015	02:09:08	4889	0.0	8.36	5.3	8.40	
11/09/2015	02:09:28	4857	0.0	8.36	5.3	8.40	
11/09/2015	02:09:48	4832	0.0	8.36	5.3	8.40	
11/09/2015	02:10:08	4811	0.0	8.36	5.3	8.40	
11/09/2015	02:10:28	4793	0.0	8.36	5.3	8.40	
11/09/2015	02:10:48	4777	0.0	8.36	5.3	8.40	
11/09/2015	02:11:08	4764	0.0	8.36	5.3	8.40	
11/09/2015	02:11:28	4748	0.0	8.36	5.3	8.40	
11/09/2015	02:11:48	4736	0.0	8.36	5.3	8.40	
11/09/2015	02:12:08	4723	0.0	8.36	5.3	8.40	
11/09/2015	02:12:28	4710	0.0	8.36	5.3	8.40	
11/09/2015	02:12:48	4699	0.0	8.36	0.0	8.40	
11/09/2015	02:13:08	4687	0.0	8.36	0.0	8.40	
11/09/2015	02:13:28	4678	0.0	8.36	0.0	8.40	
11/09/2015	02:13:48	77	0.0	8.36	0.0	8.40	
11/09/2015	02:14:08	71	0.0	8.36	0.0	8.40	
11/09/2015	02:14:28	72	0.0	8.36	0.0	8.40	
11/09/2015	02:14:48	75	0.0	8.36	0.0	8.39	
11/09/2015	02:15:08	77	0.0	8.36	0.0	8.38	
11/09/2015	02:15:28	80	0.0	8.36	0.0	9.55	
11/09/2015	02:15:48	81	0.0	8.36	0.0	10.99	
11/09/2015	02:16:08	82	0.0	8.36	0.0	11.98	
11/09/2015	02:16:28	85	0.0	8.36	0.0	11.76	
11/09/2015	02:16:48	85	0.0	8.36	0.0	11.52	
11/09/2015	02:17:08	86	0.0	8.36	0.0	11.41	
11/09/2015	02:17:28	87	0.0	8.36	0.0	11.32	
11/09/2015	02:17:48	89	0.0	8.36	0.0	11.26	
11/09/2015	02:18:08	88	0.0	8.36	0.0	11.17	
11/09/2015	02:18:20	88	0.0	8.36	0.0	11.34	End Water
11/09/2015	02:18:21	89	0.0	8.36	0.0	11.37	Reset Total, Vol = 5.40 bbl
11/09/2015	02:18:28	404	4.3	10.73	0.2	11.14	
11/09/2015	02:18:29	422	4.5	10.94	0.2	11.13	Start Pumping Spacer
11/09/2015	02:18:48	326	4.6	11.08	1.7	11.04	
11/09/2015	02:19:08	258	3.3	11.04	3.1	11.01	
11/09/2015	02:19:28	263	3.4	11.01	4.2	11.52	
11/09/2015	02:19:48	239	3.4	11.00	5.3	11.75	
11/09/2015	02:20:08	231	3.3	10.96	6.4	11.46	
11/09/2015	02:20:28	237	3.3	10.95	7.5	11.51	
11/09/2015	02:20:29	261	3.3	10.95	7.6	11.51	Good Returns
11/09/2015	02:20:48	229	3.3	10.93	8.7	11.54	
11/09/2015	02:21:08	245	3.4	10.95	9.8	11.56	
11/09/2015	02:21:28	216	3.4	10.96	10.9	11.57	
11/09/2015	02:21:48	224	3.4	10.95	12.0	11.54	
11/09/2015	02:22:08	245	3.4	10.95	13.1	11.52	
11/09/2015	02:22:28	207	3.3	10.97	14.2	11.50	

Well			Field		Job Start	Customer		Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko		CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message	
11/09/2015	02:23:08	227	3.4	10.95	16.5	11.48		
11/09/2015	02:23:28	189	3.4	10.93	17.6	11.47		
11/09/2015	02:23:48	188	3.4	10.93	18.7	11.48		
11/09/2015	02:24:08	198	3.4	10.96	19.8	11.51		
11/09/2015	02:24:28	185	3.4	10.94	21.0	11.53		
11/09/2015	02:24:48	179	3.4	10.95	22.1	11.55		
11/09/2015	02:25:08	182	3.4	10.94	23.2	11.54		
11/09/2015	02:25:28	199	3.4	10.95	24.3	11.53		
11/09/2015	02:25:48	177	3.4	10.98	25.5	11.52		
11/09/2015	02:26:08	163	3.4	10.97	26.6	11.51		
11/09/2015	02:26:28	212	3.4	10.97	27.7	11.48		
11/09/2015	02:26:48	157	3.4	10.94	28.8	11.41		
11/09/2015	02:27:08	151	3.4	10.93	30.0	11.34		
11/09/2015	02:27:28	180	3.4	10.92	31.1	11.28		
11/09/2015	02:27:48	184	3.4	10.90	32.2	11.24		
11/09/2015	02:28:08	156	3.4	10.89	33.3	11.30		
11/09/2015	02:28:28	257	4.5	10.89	34.5	11.35		
11/09/2015	02:28:48	207	4.6	10.91	36.0	11.35		
11/09/2015	02:29:08	231	4.6	10.95	37.5	11.23		
11/09/2015	02:29:28	223	4.6	10.95	39.1	11.12		
11/09/2015	02:29:48	215	4.6	10.93	40.6	11.03		
11/09/2015	02:30:08	211	4.6	10.92	42.1	10.97		
11/09/2015	02:30:28	188	4.6	10.91	43.7	10.98		
11/09/2015	02:30:48	308	6.5	10.93	45.7	11.01		
11/09/2015	02:31:08	310	6.5	10.93	47.9	10.98		
11/09/2015	02:31:28	308	6.5	10.93	50.0	10.97		
11/09/2015	02:31:48	324	6.5	10.93	52.2	10.98		
11/09/2015	02:32:08	307	6.5	10.94	54.3	11.02		
11/09/2015	02:32:28	140	4.6	10.95	56.4	11.03		
11/09/2015	02:32:48	164	4.6	10.93	57.9	11.04		
11/09/2015	02:33:08	159	4.6	10.96	59.5	11.05		
11/09/2015	02:33:28	166	4.6	10.95	61.0	10.97		
11/09/2015	02:33:48	149	4.6	10.95	62.6	10.95		
11/09/2015	02:34:08	148	4.6	10.94	64.1	10.95		
11/09/2015	02:34:28	146	4.6	10.95	65.6	11.00		
11/09/2015	02:34:48	140	4.6	10.94	67.2	10.93		
11/09/2015	02:35:08	78	3.8	10.94	68.7	10.95		
11/09/2015	02:35:28	157	4.6	10.94	70.2	10.94		
11/09/2015	02:35:48	139	4.6	10.94	71.7	10.95		
11/09/2015	02:36:08	77	3.9	10.94	73.2	10.95		
11/09/2015	02:36:28	76	3.6	10.94	74.5	10.95		
11/09/2015	02:36:48	74	3.6	10.93	75.6	10.94		
11/09/2015	02:37:08	9	0.5	11.10	76.7	11.19		
11/09/2015	02:37:28	-1	0.0	11.12	76.8	11.06		
11/09/2015	02:37:48	-2	0.0	11.12	76.8	10.95		
11/09/2015	02:38:08	-3	0.0	11.13	76.8	11.27		
11/09/2015	02:38:28	-3	0.0	11.13	76.8	11.28		
11/09/2015	02:38:48	-3	0.0	11.13	76.8	11.29		
11/09/2015	02:39:08	76	2.4	11.01	76.8	11.29		
11/09/2015	02:39:28	75	4.6	10.93	78.2	11.33		
11/09/2015	02:39:48	-5	0.0	11.32	79.1	11.10		
11/09/2015	02:40:08	-5	0.0	11.33	79.1	10.96		
11/09/2015	02:40:28	2	0.0	11.32	79.1	10.95		
11/09/2015	02:40:48	3	0.0	11.32	79.1	8.97		

Well			Field		Job Start	Customer	Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko	CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message
11/09/2015	02:41:28	3	0.0	11.25	79.1	8.80	
11/09/2015	02:41:48	4	0.0	11.23	79.1	8.85	
11/09/2015	02:42:08	4	0.0	11.23	79.1	8.85	
11/09/2015	02:42:26	3	0.0	11.23	79.1	9.42	End Spacer
11/09/2015	02:42:27	3	0.0	11.24	79.1	9.51	Reset Total, Vol = 79.03 bbl
11/09/2015	02:42:28	5	0.0	11.24	79.1	9.60	
11/09/2015	02:42:33	4	0.0	11.24	79.1	9.97	Drop Bottom Plug
11/09/2015	02:42:48	2	0.0	11.24	79.1	10.99	
11/09/2015	02:43:08	2	0.0	11.23	79.1	11.71	
11/09/2015	02:43:28	0	0.0	11.22	79.1	11.91	
11/09/2015	02:43:48	0	0.0	11.20	79.1	12.46	
11/09/2015	02:44:08	-0	0.0	11.13	79.1	12.22	
11/09/2015	02:44:28	-1	0.0	10.98	79.1	12.23	
11/09/2015	02:44:48	74	4.7	11.84	79.4	12.29	
11/09/2015	02:45:08	116	4.6	12.07	80.9	12.35	
11/09/2015	02:45:28	300	4.5	12.00	82.5	12.15	
11/09/2015	02:45:37	230	4.6	12.00	83.2	12.07	Start Mixing Lead Slurry
11/09/2015	02:45:48	199	4.6	11.98	84.0	12.00	
11/09/2015	02:45:51	197	4.6	11.98	84.2	11.98	Wet and Dry Sample Taken
11/09/2015	02:45:52	199	4.6	11.98	84.3	11.98	Wet Sample Weighed
11/09/2015	02:45:53	174	4.6	11.98	84.4	11.97	Lead Sample #8600
11/09/2015	02:45:54	174	4.6	11.98	84.5	11.97	Lead: 265bbl, 12 ppg
11/09/2015	02:45:55	194	4.6	11.98	84.5	11.96	Good Returns
11/09/2015	02:46:08	181	4.6	11.96	85.5	11.93	
11/09/2015	02:46:28	294	6.2	11.96	87.1	11.98	
11/09/2015	02:46:48	312	6.5	11.97	89.2	12.02	
11/09/2015	02:47:08	310	6.5	11.97	91.4	12.04	
11/09/2015	02:47:28	280	6.5	11.95	93.5	12.10	
11/09/2015	02:47:48	272	6.5	11.94	95.7	12.04	
11/09/2015	02:48:08	253	6.5	11.93	97.8	11.96	
11/09/2015	02:48:28	255	6.2	11.94	100.0	11.97	
11/09/2015	02:48:48	215	6.0	11.95	102.0	11.97	
11/09/2015	02:49:08	217	6.0	11.95	104.0	11.97	
11/09/2015	02:49:28	214	6.0	11.95	106.0	11.97	
11/09/2015	02:49:48	199	6.0	11.95	108.0	11.97	
11/09/2015	02:50:08	198	6.0	11.95	110.0	11.97	
11/09/2015	02:50:28	217	6.0	11.95	111.9	11.98	
11/09/2015	02:50:48	245	6.0	11.96	113.9	12.01	
11/09/2015	02:51:28	272	6.0	11.97	117.9	11.93	
11/09/2015	02:51:48	249	6.0	11.94	119.9	11.67	
11/09/2015	02:52:08	289	6.0	11.94	121.9	11.72	
11/09/2015	02:52:28	176	4.4	11.93	123.5	11.82	
11/09/2015	02:52:48	183	4.4	11.93	125.0	12.39	
11/09/2015	02:53:08	187	4.4	11.94	126.5	11.86	
11/09/2015	02:53:28	213	4.4	11.83	128.0	11.62	
11/09/2015	02:53:48	225	3.4	11.78	129.2	11.64	
11/09/2015	02:54:08	225	3.3	11.80	130.3	12.18	
11/09/2015	02:54:28	209	3.3	11.92	131.4	12.53	
11/09/2015	02:54:48	270	4.4	11.99	132.7	12.39	
11/09/2015	02:55:08	258	4.3	12.05	134.1	12.27	
11/09/2015	02:55:28	347	6.0	12.07	136.0	12.17	
11/09/2015	02:55:48	331	6.0	12.07	138.0	12.09	
11/09/2015	02:56:08	355	6.0	12.06	140.0	12.05	
11/09/2015	02:56:28	346	6.0	12.05	142.0	12.03	

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	02:57:08	330	6.0	12.04	146.0	12.02				
11/09/2015	02:57:28	336	6.0	12.03	148.0	12.01				
11/09/2015	02:57:48	368	6.0	12.03	150.0	12.01				
11/09/2015	02:58:08	365	6.1	12.02	152.0	11.96				
11/09/2015	02:58:28	334	6.0	12.00	154.0	11.90				
11/09/2015	02:58:48	344	6.0	11.98	156.1	11.93				
11/09/2015	02:59:08	453	6.0	11.99	158.1	12.02				
11/09/2015	02:59:28	396	6.0	11.97	160.1	11.99				
11/09/2015	02:59:48	353	6.0	11.99	162.1	12.07				
11/09/2015	03:00:08	327	6.0	12.00	164.1	12.03				
11/09/2015	03:00:28	366	6.0	11.99	166.1	12.00				
11/09/2015	03:00:48	341	6.0	11.99	168.1	11.99				
11/09/2015	03:01:08	291	6.0	11.98	170.1	11.98				
11/09/2015	03:01:28	339	6.0	11.98	172.1	12.00				
11/09/2015	03:01:48	351	6.0	11.98	174.1	11.99				
11/09/2015	03:02:08	327	6.0	11.96	176.2	11.96				
11/09/2015	03:02:28	326	6.0	11.97	178.2	11.99				
11/09/2015	03:02:48	337	6.0	11.96	180.2	11.90				
11/09/2015	03:03:08	367	6.0	11.96	182.2	12.05				
11/09/2015	03:03:28	395	6.0	11.97	184.2	12.03				
11/09/2015	03:03:48	363	6.0	11.97	186.2	11.94				
11/09/2015	03:04:08	450	6.0	11.96	188.2	11.99				
11/09/2015	03:04:28	618	6.0	11.95	190.2	11.96				
11/09/2015	03:04:48	500	6.0	11.96	192.2	12.03				
11/09/2015	03:05:08	528	6.0	11.96	194.2	12.00				
11/09/2015	03:05:28	200	6.0	11.97	196.2	11.92				
11/09/2015	03:05:48	199	6.0	11.96	198.3	12.03				
11/09/2015	03:06:08	203	6.0	11.97	200.3	12.04				
11/09/2015	03:06:28	214	6.0	11.97	202.3	12.00				
11/09/2015	03:06:48	195	6.0	11.97	204.3	12.02				
11/09/2015	03:07:08	205	6.0	11.97	206.3	11.99				
11/09/2015	03:07:28	203	6.0	11.97	208.3	11.97				
11/09/2015	03:07:48	210	6.1	11.96	210.3	11.98				
11/09/2015	03:08:08	217	6.1	11.97	212.3	12.00				
11/09/2015	03:08:28	191	6.1	11.96	214.4	11.98				
11/09/2015	03:08:48	208	6.0	11.97	216.4	12.02				
11/09/2015	03:09:08	206	6.0	11.97	218.4	11.98				
11/09/2015	03:09:28	214	6.0	11.97	220.4	11.99				
11/09/2015	03:09:48	206	6.1	11.96	222.4	11.97				
11/09/2015	03:10:08	207	6.0	11.96	224.4	12.02				
11/09/2015	03:10:28	201	6.0	11.97	226.4	12.01				
11/09/2015	03:10:48	198	6.1	11.97	228.5	12.00				
11/09/2015	03:11:08	211	6.0	11.97	230.5	11.99				
11/09/2015	03:11:28	207	6.0	11.96	232.5	11.98				
11/09/2015	03:11:48	209	6.0	11.96	234.5	11.99				
11/09/2015	03:12:08	206	6.0	11.96	236.5	11.98				
11/09/2015	03:12:28	210	6.1	11.96	238.5	11.98				
11/09/2015	03:12:48	220	6.1	11.95	240.5	11.95				
11/09/2015	03:13:08	208	6.1	11.95	242.6	11.96				
11/09/2015	03:13:28	198	6.1	11.95	244.6	11.99				
11/09/2015	03:13:48	210	6.1	11.96	246.6	12.02				
11/09/2015	03:14:08	210	6.0	11.97	248.6	12.04				
11/09/2015	03:14:28	203	6.0	11.97	250.6	12.00				
11/09/2015	03:14:48	206	6.0	11.96	252.6	11.97				

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	03:15:28	205	6.0	11.96	256.7	11.98				
11/09/2015	03:15:48	197	6.0	11.96	258.7	11.96				
11/09/2015	03:16:08	199	6.1	11.95	260.7	11.97				
11/09/2015	03:16:28	207	6.0	11.95	262.7	11.99				
11/09/2015	03:16:48	212	6.1	11.95	264.7	11.98				
11/09/2015	03:17:08	209	6.1	11.95	266.7	11.98				
11/09/2015	03:17:28	206	6.1	11.95	268.8	11.98				
11/09/2015	03:17:48	211	6.1	11.95	270.8	11.98				
11/09/2015	03:18:08	209	6.1	11.95	272.8	12.01				
11/09/2015	03:18:28	208	6.0	11.96	274.8	12.00				
11/09/2015	03:18:48	207	6.1	11.97	276.8	12.05				
11/09/2015	03:19:08	227	6.0	11.98	278.8	12.05				
11/09/2015	03:19:15	215	6.0	11.98	279.6	12.04	Good Returns			
11/09/2015	03:19:28	221	6.1	11.98	280.9	12.02				
11/09/2015	03:19:48	198	6.0	11.98	282.9	12.02				
11/09/2015	03:20:08	206	6.1	11.99	284.9	12.00				
11/09/2015	03:20:28	201	6.1	11.98	286.9	11.99				
11/09/2015	03:20:48	211	6.0	11.98	288.9	11.97				
11/09/2015	03:21:08	207	6.0	11.97	290.9	11.98				
11/09/2015	03:21:28	213	6.0	11.97	293.0	11.96				
11/09/2015	03:21:48	214	6.0	11.97	295.0	12.03				
11/09/2015	03:22:08	207	6.0	11.98	297.0	12.09				
11/09/2015	03:22:28	205	6.0	11.99	299.0	12.06				
11/09/2015	03:22:48	211	6.0	12.00	301.0	12.05				
11/09/2015	03:23:08	207	6.0	12.00	303.0	12.04				
11/09/2015	03:23:28	219	6.0	12.00	305.0	12.00				
11/09/2015	03:23:48	215	6.0	11.99	307.0	11.95				
11/09/2015	03:24:08	209	6.0	11.96	309.0	11.75				
11/09/2015	03:24:28	204	6.0	11.94	311.1	11.88				
11/09/2015	03:24:48	210	6.0	11.93	313.1	11.91				
11/09/2015	03:25:08	202	6.0	11.93	315.1	11.99				
11/09/2015	03:25:28	201	6.0	11.93	317.1	11.77				
11/09/2015	03:25:48	79	3.3	11.89	318.5	11.99				
11/09/2015	03:26:08	92	3.4	11.96	319.6	12.33				
11/09/2015	03:26:28	88	3.3	12.02	320.7	12.22				
11/09/2015	03:26:48	86	3.3	11.98	321.8	11.86				
11/09/2015	03:27:08	90	3.3	11.95	323.0	12.15				
11/09/2015	03:27:28	91	3.3	12.05	324.1	12.26				
11/09/2015	03:27:48	89	3.3	11.97	325.2	12.10				
11/09/2015	03:28:08	87	3.3	12.05	326.3	12.38				
11/09/2015	03:28:28	87	3.3	12.10	327.4	12.11				
11/09/2015	03:28:48	89	3.3	12.03	328.5	11.84				
11/09/2015	03:29:08	90	3.3	12.04	329.6	12.25				
11/09/2015	03:29:28	92	3.3	12.02	330.7	11.86				
11/09/2015	03:29:48	89	3.3	12.01	331.8	12.09				
11/09/2015	03:30:08	89	3.3	12.03	332.9	12.07				
11/09/2015	03:30:28	88	3.3	12.03	334.0	12.07				
11/09/2015	03:30:48	89	3.3	12.04	335.1	12.14				
11/09/2015	03:31:08	87	3.3	12.05	336.2	12.12				
11/09/2015	03:31:28	78	2.9	12.05	337.3	12.15				
11/09/2015	03:31:48	82	3.1	12.07	338.3	12.15				
11/09/2015	03:32:08	77	3.1	12.07	339.3	12.15				
11/09/2015	03:32:28	110	3.3	12.06	340.4	12.15				
11/09/2015	03:32:48	103	3.8	12.06	341.5	10.42				

Well			Field		Job Start	Customer	Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko	CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message
11/09/2015	03:33:15	106	3.9	12.06	343.3	11.30	End Lead Slurry
11/09/2015	03:33:28	27	0.9	12.17	343.9	12.53	
11/09/2015	03:33:48	28	1.0	12.50	344.2	13.70	
11/09/2015	03:34:01	25	1.0	13.54	344.5	13.67	Reset Total, Vol = 262.73 bbl
11/09/2015	03:34:08	22	1.0	13.68	344.6	13.69	
11/09/2015	03:34:28	50	1.7	13.65	344.9	13.64	
11/09/2015	03:34:48	53	1.6	13.17	345.5	13.38	
11/09/2015	03:35:08	56	1.8	13.20	346.1	13.31	
11/09/2015	03:35:28	56	1.8	13.13	346.7	13.11	
11/09/2015	03:35:48	51	1.7	13.10	347.3	13.12	
11/09/2015	03:36:08	281	6.5	13.09	348.9	13.16	
11/09/2015	03:36:28	308	6.4	13.13	351.0	13.34	
11/09/2015	03:36:48	307	6.5	13.19	353.2	13.53	
11/09/2015	03:37:08	263	5.7	13.35	355.3	14.08	
11/09/2015	03:37:09	261	5.7	13.34	355.4	14.08	Start Mixing Tail Slurry
11/09/2015	03:37:11	265	5.7	13.35	355.6	14.10	Wet and Dry Sample Taken
11/09/2015	03:37:12	266	5.7	13.36	355.7	14.10	Wet Sample Weighed
11/09/2015	03:37:13	260	5.7	13.36	355.8	14.10	Tail:970 sks, 1.68 Yield
11/09/2015	03:37:14	260	5.7	13.37	355.9	14.11	Good Returns
11/09/2015	03:37:28	282	5.7	13.30	357.2	13.68	
11/09/2015	03:37:48	256	5.7	13.38	359.1	13.88	
11/09/2015	03:38:08	281	5.7	13.49	361.0	13.89	
11/09/2015	03:38:28	272	5.7	13.54	362.9	13.90	
11/09/2015	03:38:48	294	5.7	13.51	364.8	13.81	
11/09/2015	03:39:08	295	6.0	13.57	366.7	13.85	
11/09/2015	03:39:28	298	6.0	13.60	368.7	13.72	
11/09/2015	03:39:48	313	6.0	13.58	370.7	13.64	
11/09/2015	03:40:08	292	6.0	13.52	372.7	13.33	
11/09/2015	03:40:28	290	6.0	13.50	374.7	13.52	
11/09/2015	03:40:48	318	6.0	13.54	376.7	13.70	
11/09/2015	03:41:08	312	6.0	13.55	378.7	13.60	
11/09/2015	03:41:28	299	6.0	13.55	380.7	13.59	
11/09/2015	03:41:48	306	6.0	13.54	382.7	13.49	
11/09/2015	03:42:08	328	6.0	13.52	384.6	13.38	
11/09/2015	03:42:28	303	6.0	13.47	386.6	13.42	
11/09/2015	03:42:48	292	6.0	13.51	388.6	13.62	
11/09/2015	03:43:08	286	6.0	13.51	390.6	13.69	
11/09/2015	03:43:28	298	6.0	13.52	392.6	13.63	
11/09/2015	03:43:48	293	6.0	13.49	394.6	13.63	
11/09/2015	03:44:08	282	6.0	13.47	396.6	13.51	
11/09/2015	03:44:28	301	6.0	13.49	398.6	13.64	
11/09/2015	03:44:48	296	6.0	13.52	400.6	13.69	
11/09/2015	03:45:08	309	6.0	13.53	402.6	13.51	
11/09/2015	03:45:28	292	6.0	13.52	404.6	13.61	
11/09/2015	03:45:48	326	6.0	13.55	406.6	13.60	
11/09/2015	03:46:08	307	6.0	13.55	408.6	13.61	
11/09/2015	03:46:28	306	6.0	13.53	410.5	13.60	
11/09/2015	03:46:48	308	6.0	13.55	412.5	13.69	
11/09/2015	03:47:08	304	6.0	13.57	414.5	13.71	
11/09/2015	03:47:28	322	6.0	13.59	416.5	13.70	
11/09/2015	03:47:48	315	6.0	13.60	418.5	13.67	
11/09/2015	03:48:08	305	5.9	13.60	420.5	13.48	
11/09/2015	03:48:28	328	6.0	13.56	422.5	13.53	
11/09/2015	03:48:48	304	6.0	13.56	424.5	13.50	

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	03:49:28	302	6.0	13.56	428.4	13.77				
11/09/2015	03:49:48	329	6.0	13.58	430.4	13.67				
11/09/2015	03:50:08	316	6.0	13.57	432.4	13.56				
11/09/2015	03:50:28	300	6.0	13.57	434.4	13.62				
11/09/2015	03:50:48	309	6.0	13.57	436.4	13.63				
11/09/2015	03:51:08	314	6.0	13.57	438.4	13.64				
11/09/2015	03:51:28	328	6.0	13.59	440.4	13.61				
11/09/2015	03:51:48	299	6.0	13.57	442.3	13.44				
11/09/2015	03:52:08	306	6.0	13.56	444.3	13.68				
11/09/2015	03:52:28	300	6.0	13.55	446.3	13.30				
11/09/2015	03:52:48	315	5.9	13.55	448.3	13.59				
11/09/2015	03:53:08	316	5.9	13.55	450.3	13.46				
11/09/2015	03:53:28	323	5.9	13.55	452.3	13.77				
11/09/2015	03:53:48	310	6.0	13.55	454.3	13.54				
11/09/2015	03:54:08	302	6.0	13.48	456.3	13.45				
11/09/2015	03:54:28	298	6.0	13.46	458.3	13.41				
11/09/2015	03:54:48	297	6.0	13.45	460.3	13.45				
11/09/2015	03:55:08	310	6.0	13.45	462.3	13.41				
11/09/2015	03:55:28	185	4.3	13.42	464.1	13.47				
11/09/2015	03:55:48	195	4.3	13.44	465.5	13.50				
11/09/2015	03:56:08	206	4.3	13.45	467.0	13.53				
11/09/2015	03:56:28	191	4.3	13.47	468.4	13.68				
11/09/2015	03:56:48	183	4.3	13.54	469.9	13.78				
11/09/2015	03:57:08	191	4.3	13.53	471.3	13.62				
11/09/2015	03:57:28	202	4.3	13.54	472.7	13.62				
11/09/2015	03:57:48	198	4.3	13.54	474.2	13.37				
11/09/2015	03:58:08	198	4.3	13.49	475.6	13.45				
11/09/2015	03:58:28	187	4.3	13.48	477.1	13.37				
11/09/2015	03:58:48	298	6.0	13.45	478.9	13.28				
11/09/2015	03:59:08	314	6.0	13.46	480.9	14.19				
11/09/2015	03:59:28	308	6.0	13.48	482.9	13.51				
11/09/2015	03:59:48	291	6.0	13.46	484.8	13.55				
11/09/2015	04:00:08	302	6.0	13.46	486.8	13.55				
11/09/2015	04:00:28	291	6.0	13.49	488.8	13.61				
11/09/2015	04:00:48	301	6.0	13.49	490.8	13.52				
11/09/2015	04:01:08	292	6.0	13.48	492.8	13.54				
11/09/2015	04:01:28	311	6.0	13.49	494.8	13.47				
11/09/2015	04:01:48	292	6.0	13.47	496.8	13.53				
11/09/2015	04:02:08	305	6.0	13.51	498.8	13.69				
11/09/2015	04:02:28	305	6.0	13.54	500.8	13.70				
11/09/2015	04:02:48	317	6.0	13.55	502.7	13.61				
11/09/2015	04:03:08	314	6.0	13.54	504.7	13.52				
11/09/2015	04:03:28	296	6.0	13.54	506.7	13.52				
11/09/2015	04:03:48	292	6.0	13.55	508.7	13.63				
11/09/2015	04:04:08	316	6.0	13.55	510.7	13.69				
11/09/2015	04:04:28	314	6.0	13.52	512.7	13.63				
11/09/2015	04:04:48	289	6.0	13.52	514.7	13.69				
11/09/2015	04:05:08	296	6.0	13.54	516.7	13.65				
11/09/2015	04:05:28	292	6.0	13.53	518.7	13.50				
11/09/2015	04:05:48	329	6.0	13.51	520.7	13.51				
11/09/2015	04:06:08	302	6.0	13.54	522.7	13.67				
11/09/2015	04:06:28	304	6.0	13.54	524.6	13.63				
11/09/2015	04:06:48	298	6.0	13.54	526.6	13.51				
11/09/2015	04:07:08	303	6.0	13.54	528.6	13.61				

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	04:07:48	299	6.0	13.54	532.6	13.66				
11/09/2015	04:08:08	291	6.0	13.58	534.6	13.73				
11/09/2015	04:08:28	305	6.0	13.59	536.6	13.70				
11/09/2015	04:08:48	337	6.0	13.60	538.6	13.66				
11/09/2015	04:09:08	303	6.0	13.60	540.6	13.65				
11/09/2015	04:09:28	308	6.0	13.60	542.6	13.63				
11/09/2015	04:09:48	300	6.0	13.59	544.5	13.62				
11/09/2015	04:10:08	299	6.0	13.59	546.5	13.62				
11/09/2015	04:10:28	308	6.0	13.59	548.5	13.55				
11/09/2015	04:10:48	295	5.9	13.57	550.5	13.53				
11/09/2015	04:11:08	318	6.0	13.57	552.5	13.62				
11/09/2015	04:11:28	311	6.0	13.56	554.5	13.57				
11/09/2015	04:11:48	307	6.0	13.56	556.5	13.57				
11/09/2015	04:12:08	307	6.0	13.56	558.5	13.64				
11/09/2015	04:12:28	317	6.0	13.57	560.5	13.53				
11/09/2015	04:12:48	320	6.0	13.56	562.5	13.61				
11/09/2015	04:13:08	302	6.0	13.57	564.4	13.63				
11/09/2015	04:13:28	296	6.0	13.57	566.4	13.52				
11/09/2015	04:13:48	305	6.0	13.55	568.4	13.54				
11/09/2015	04:14:08	339	6.0	13.55	570.4	13.48				
11/09/2015	04:14:28	296	6.0	13.53	572.4	13.49				
11/09/2015	04:14:48	296	6.0	13.53	574.4	13.49				
11/09/2015	04:15:08	320	6.0	13.54	576.4	13.65				
11/09/2015	04:15:28	310	6.0	13.55	578.4	13.56				
11/09/2015	04:15:48	298	6.0	13.54	580.4	13.52				
11/09/2015	04:16:08	298	6.0	13.54	582.4	13.64				
11/09/2015	04:16:28	322	6.0	13.56	584.3	13.66				
11/09/2015	04:16:48	330	6.0	13.57	586.3	13.66				
11/09/2015	04:17:08	294	6.0	13.57	588.3	13.64				
11/09/2015	04:17:28	298	6.0	13.57	590.3	13.63				
11/09/2015	04:17:48	336	6.0	13.58	592.3	13.64				
11/09/2015	04:18:08	314	6.0	13.58	594.3	13.67				
11/09/2015	04:18:28	325	6.0	13.59	596.3	13.66				
11/09/2015	04:18:48	337	6.0	13.59	598.3	13.63				
11/09/2015	04:19:08	308	6.0	13.59	600.3	13.61				
11/09/2015	04:19:28	310	6.0	13.59	602.3	13.61				
11/09/2015	04:19:48	321	6.0	13.58	604.3	13.59				
11/09/2015	04:20:08	320	6.0	13.58	606.2	13.58				
11/09/2015	04:20:28	313	6.0	13.58	608.2	13.60				
11/09/2015	04:20:48	307	6.0	13.57	610.2	13.58				
11/09/2015	04:21:08	317	5.9	13.57	612.2	13.58				
11/09/2015	04:21:28	346	6.0	13.57	614.2	13.60				
11/09/2015	04:21:48	329	6.0	13.57	616.2	13.61				
11/09/2015	04:22:08	335	6.0	13.57	618.2	13.58				
11/09/2015	04:22:28	360	6.0	13.56	620.2	13.62				
11/09/2015	04:22:48	375	6.0	13.57	622.2	13.59				
11/09/2015	04:23:08	381	6.0	13.56	624.2	13.67				
11/09/2015	04:23:28	405	6.0	13.58	626.1	13.64				
11/09/2015	04:23:48	399	6.0	13.57	628.1	13.60				
11/09/2015	04:24:08	387	6.0	13.57	630.1	13.38				
11/09/2015	04:24:28	368	6.0	13.56	632.1	13.53				
11/09/2015	04:24:48	375	6.0	13.54	634.1	13.66				
11/09/2015	04:25:08	353	6.0	13.56	636.1	13.38				
11/09/2015	04:25:28	367	6.0	13.55	638.1	13.40				

Well			Field		Job Start	Customer	Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko	CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message
11/09/2015	04:25:53	238	4.1	13.42	640.2	13.52	End Tail Slurry
11/09/2015	04:26:08	197	3.1	13.53	641.0	13.57	
11/09/2015	04:26:28	147	3.1	13.54	642.0	13.56	
11/09/2015	04:26:48	223	3.3	13.54	643.0	13.56	
11/09/2015	04:27:08	227	3.4	13.54	644.2	13.56	
11/09/2015	04:27:28	207	3.2	13.53	645.3	13.77	
11/09/2015	04:27:36	120	1.3	13.60	645.7	13.78	Reset Total, Vol = 301.25 bbl
11/09/2015	04:27:48	108	0.1	13.78	645.8	13.75	
11/09/2015	04:28:00	100	0.1	13.79	645.8	13.57	Washup Pump and Line
11/09/2015	04:28:08	98	0.1	13.79	645.8	13.57	
11/09/2015	04:28:28	114	0.1	13.79	645.8	13.57	
11/09/2015	04:28:48	115	0.0	13.80	645.8	13.57	
11/09/2015	04:29:08	114	0.0	13.80	645.8	13.57	
11/09/2015	04:29:28	160	0.0	13.81	645.9	13.57	
11/09/2015	04:29:48	272	0.0	13.81	645.9	13.56	
11/09/2015	04:30:08	222	0.0	13.80	645.9	13.57	
11/09/2015	04:30:28	199	0.0	13.80	645.9	13.56	
11/09/2015	04:30:48	205	1.4	11.13	646.1	13.57	
11/09/2015	04:31:08	129	0.9	10.30	646.5	13.48	
11/09/2015	04:31:28	92	0.8	9.57	646.8	13.33	
11/09/2015	04:31:48	74	0.6	8.68	647.0	13.15	
11/09/2015	04:32:08	63	0.0	8.22	647.3	12.94	
11/09/2015	04:32:28	59	0.0	8.80	647.3	12.89	
11/09/2015	04:32:48	54	0.0	8.71	647.3	12.47	
11/09/2015	04:33:08	50	1.0	8.32	647.3	9.71	
11/09/2015	04:33:28	99	2.6	8.75	648.0	9.41	
11/09/2015	04:33:48	82	2.3	9.28	648.8	9.32	
11/09/2015	04:34:08	36	0.0	10.65	649.5	9.28	
11/09/2015	04:34:28	32	0.0	8.00	649.5	9.24	
11/09/2015	04:34:48	152	0.0	9.26	649.5	9.22	
11/09/2015	04:35:08	229	0.1	9.15	649.5	9.21	
11/09/2015	04:35:28	184	0.0	9.12	649.5	9.21	
11/09/2015	04:35:48	276	0.1	9.07	649.5	9.21	
11/09/2015	04:36:08	100	2.5	9.16	649.8	9.19	
11/09/2015	04:36:28	104	2.7	9.09	650.7	9.18	
11/09/2015	04:36:48	179	4.0	9.16	651.8	9.17	
11/09/2015	04:37:08	142	2.6	10.70	653.2	9.53	
11/09/2015	04:37:28	52	1.1	4.18	654.4	0.08	
11/09/2015	04:37:48	83	0.0	9.98	655.7	2.99	
11/09/2015	04:38:08	58	1.6	8.90	656.3	2.09	
11/09/2015	04:38:28	88	2.3	8.08	657.1	8.43	
11/09/2015	04:38:48	76	2.3	7.79	657.9	8.42	
11/09/2015	04:39:08	84	2.5	8.37	658.7	8.42	
11/09/2015	04:39:28	183	4.2	8.35	660.0	8.39	
11/09/2015	04:39:48	186	4.2	8.33	661.4	8.40	
11/09/2015	04:40:08	45	0.0	7.94	662.7	8.42	
11/09/2015	04:40:28	24	0.0	8.61	662.7	8.25	
11/09/2015	04:40:48	20	0.0	8.67	662.7	8.38	
11/09/2015	04:41:08	18	0.0	8.38	662.7	8.20	
11/09/2015	04:41:28	40	1.9	8.33	663.1	8.37	
11/09/2015	04:41:48	171	4.2	8.33	664.2	8.35	
11/09/2015	04:42:08	36	1.3	8.36	665.3	8.29	
11/09/2015	04:42:28	184	4.2	8.38	666.0	8.38	
11/09/2015	04:42:48	168	4.2	8.36	667.4	8.38	

Well Sunflower 7C-17HZ 7C-17HZ			Field Wattenberg		Job Start Nov/08/2015		Customer Anadarko	Job Number CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message	
11/09/2015	04:43:28	83	2.8	8.35	669.4	8.19		
11/09/2015	04:43:48	17	0.0	8.35	669.7	8.36		
11/09/2015	04:44:08	15	0.0	8.35	669.7	8.28		
11/09/2015	04:44:28	15	0.0	8.35	669.7	8.39		
11/09/2015	04:44:48	15	0.0	8.35	669.7	8.39		
11/09/2015	04:45:08	91	3.8	8.35	670.0	8.28		
11/09/2015	04:45:28	154	6.6	8.36	671.9	8.42		
11/09/2015	04:45:40	155	6.6	8.36	673.2	8.42	Drop Top Plug	
11/09/2015	04:45:48	232	7.6	8.36	674.1	8.41		
11/09/2015	04:46:08	234	8.4	8.36	676.9	8.39		
11/09/2015	04:46:28	211	8.4	8.36	679.7	8.39		
11/09/2015	04:46:48	217	8.5	8.38	682.5	8.38		
11/09/2015	04:47:08	211	8.4	8.38	685.3	8.38		
11/09/2015	04:47:28	217	8.4	8.38	688.1	8.38		
11/09/2015	04:47:41	216	8.4	8.38	689.9	8.38	Start Displacement	
11/09/2015	04:47:48	215	8.4	8.36	690.9	8.38		
11/09/2015	04:48:08	209	8.4	8.35	693.7	8.38		
11/09/2015	04:48:28	214	8.4	8.35	696.5	8.38		
11/09/2015	04:48:48	214	8.4	8.35	699.3	8.38		
11/09/2015	04:49:08	132	6.6	8.35	701.7	8.38		
11/09/2015	04:49:28	137	6.6	8.35	703.9	8.38		
11/09/2015	04:49:48	135	6.6	8.35	706.2	8.38		
11/09/2015	04:50:08	556	6.3	8.35	708.3	8.38		
11/09/2015	04:50:28	444	6.1	8.35	710.4	8.38		
11/09/2015	04:50:48	474	6.1	8.35	712.4	8.38		
11/09/2015	04:51:08	480	6.1	8.35	714.4	8.39		
11/09/2015	04:51:28	478	6.1	8.35	716.5	8.38		
11/09/2015	04:51:48	485	6.1	8.35	718.5	8.38		
11/09/2015	04:52:08	542	6.1	8.36	720.6	8.38		
11/09/2015	04:52:28	562	6.1	8.35	722.6	8.38		
11/09/2015	04:52:48	571	6.1	8.35	724.6	8.38		
11/09/2015	04:53:08	574	6.1	8.35	726.7	8.38		
11/09/2015	04:53:28	646	6.1	8.35	728.7	8.39		
11/09/2015	04:53:48	642	6.1	8.35	730.8	8.38		
11/09/2015	04:54:08	638	6.1	8.35	732.8	8.38		
11/09/2015	04:54:28	702	6.1	8.35	734.8	8.38		
11/09/2015	04:54:48	711	6.1	8.35	736.9	8.38		
11/09/2015	04:55:08	732	6.1	8.35	738.9	8.38		
11/09/2015	04:55:28	760	6.1	8.35	740.9	8.38		
11/09/2015	04:55:48	781	6.1	8.35	743.0	8.38		
11/09/2015	04:56:08	827	6.1	8.35	745.0	8.38		
11/09/2015	04:56:28	815	6.1	8.35	747.0	8.38		
11/09/2015	04:56:48	807	6.1	8.35	749.1	8.38		
11/09/2015	04:57:08	852	6.1	8.35	751.1	8.38		
11/09/2015	04:57:28	857	6.1	8.35	753.1	8.38		
11/09/2015	04:57:48	910	6.1	8.35	755.2	8.38		
11/09/2015	04:58:08	932	6.1	8.35	757.2	8.38		
11/09/2015	04:58:28	981	6.1	8.35	759.2	8.38		
11/09/2015	04:58:48	1010	6.1	8.35	761.3	8.38		
11/09/2015	04:59:08	1029	6.1	8.35	763.3	8.38		
11/09/2015	04:59:28	1011	6.1	8.35	765.3	8.38		
11/09/2015	04:59:48	1048	6.1	8.35	767.3	8.38		
11/09/2015	05:00:08	1056	6.1	8.35	769.4	8.38		
11/09/2015	05:00:28	1093	6.1	8.35	771.4	8.38		

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	05:01:08	1162	6.1	8.35	775.4	8.38				
11/09/2015	05:01:28	1177	6.1	8.35	777.5	8.38				
11/09/2015	05:01:48	1223	6.1	8.35	779.5	8.38				
11/09/2015	05:02:08	1236	6.1	8.35	781.5	8.38				
11/09/2015	05:02:28	1275	6.1	8.35	783.5	8.38				
11/09/2015	05:02:48	1312	6.1	8.35	785.6	8.38				
11/09/2015	05:03:08	1304	6.1	8.35	787.6	8.38				
11/09/2015	05:03:28	1315	6.1	8.35	789.6	8.38				
11/09/2015	05:03:48	1354	6.1	8.35	791.6	8.38				
11/09/2015	05:04:08	1368	6.1	8.35	793.7	8.37				
11/09/2015	05:04:28	1430	6.1	8.35	795.7	8.38				
11/09/2015	05:04:48	1446	6.1	8.35	797.7	8.38				
11/09/2015	05:05:08	1486	6.1	8.35	799.7	8.38				
11/09/2015	05:05:28	1480	6.1	8.35	801.7	8.38				
11/09/2015	05:05:48	1545	6.1	8.35	803.8	8.38				
11/09/2015	05:06:08	1526	6.1	8.35	805.8	8.38				
11/09/2015	05:06:28	1556	6.1	8.35	807.8	8.38				
11/09/2015	05:06:48	1599	6.1	8.35	809.8	8.38				
11/09/2015	05:07:08	1622	6.0	8.35	811.8	8.38				
11/09/2015	05:07:28	1701	6.1	8.35	813.9	8.38				
11/09/2015	05:07:48	1707	6.1	8.35	815.9	8.38				
11/09/2015	05:08:08	1736	6.1	8.35	817.9	8.38				
11/09/2015	05:08:28	1774	6.0	8.35	819.9	8.38				
11/09/2015	05:08:48	1754	6.0	8.35	821.9	8.38				
11/09/2015	05:09:08	1816	6.0	8.35	823.9	8.38				
11/09/2015	05:09:28	1800	6.0	8.35	826.0	8.38				
11/09/2015	05:09:48	1845	6.0	8.35	828.0	8.38				
11/09/2015	05:10:08	1899	6.0	8.35	830.0	8.38				
11/09/2015	05:10:28	1897	6.0	8.35	832.0	8.38				
11/09/2015	05:10:48	1966	6.0	8.35	834.0	8.38				
11/09/2015	05:11:08	1938	6.0	8.35	836.0	8.38				
11/09/2015	05:11:28	1963	6.0	8.35	838.0	8.38				
11/09/2015	05:11:48	2020	6.0	8.35	840.0	8.38				
11/09/2015	05:12:08	2007	6.0	8.35	842.1	8.38				
11/09/2015	05:12:28	2069	6.0	8.36	844.1	8.38				
11/09/2015	05:12:48	2049	6.0	8.35	846.1	8.38				
11/09/2015	05:13:08	2076	6.0	8.34	848.1	8.38				
11/09/2015	05:13:28	2065	6.0	8.34	850.1	8.38				
11/09/2015	05:13:48	2046	6.0	8.35	852.1	8.38				
11/09/2015	05:14:08	2078	6.0	8.35	854.1	8.38				
11/09/2015	05:14:28	2078	6.0	8.35	856.1	8.38				
11/09/2015	05:14:48	2104	6.0	8.35	858.1	8.38				
11/09/2015	05:15:08	2092	6.0	8.35	860.1	8.38				
11/09/2015	05:15:28	2091	6.0	8.35	862.1	8.38				
11/09/2015	05:15:48	2096	6.0	8.35	864.2	8.38				
11/09/2015	05:16:08	2069	6.0	8.35	866.2	8.38				
11/09/2015	05:16:28	2143	6.0	8.34	868.2	8.38				
11/09/2015	05:16:48	2118	6.0	8.35	870.2	8.38				
11/09/2015	05:17:08	2153	6.0	8.35	872.2	8.38				
11/09/2015	05:17:28	2108	6.0	8.34	874.2	8.38				
11/09/2015	05:17:48	2113	6.0	8.35	876.2	8.38				
11/09/2015	05:18:08	2115	6.0	8.35	878.2	8.38				
11/09/2015	05:18:28	2135	6.0	8.35	880.2	8.38				
11/09/2015	05:18:48	2158	6.0	8.35	882.2	8.38				

Well			Field		Job Start	Customer	Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko	CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message
11/09/2015	05:19:28	2180	6.0	8.35	886.2	8.38	
11/09/2015	05:19:48	2131	6.0	8.35	888.2	8.38	
11/09/2015	05:20:08	2146	6.0	8.34	890.3	8.35	
11/09/2015	05:20:28	2167	6.0	8.34	892.3	8.38	
11/09/2015	05:20:48	2152	6.0	8.34	894.3	8.38	
11/09/2015	05:21:08	2195	6.0	8.35	896.3	8.38	
11/09/2015	05:21:28	2162	6.0	8.35	898.3	8.38	
11/09/2015	05:21:48	2164	6.0	8.35	900.3	8.38	
11/09/2015	05:22:08	2166	6.0	8.35	902.3	8.38	
11/09/2015	05:22:28	2159	6.0	8.35	904.3	8.38	
11/09/2015	05:22:48	2207	6.0	8.35	906.3	8.38	
11/09/2015	05:23:08	2165	6.0	8.34	908.3	8.38	
11/09/2015	05:23:28	2212	6.0	8.34	910.3	8.38	
11/09/2015	05:23:48	2202	6.0	8.34	912.3	8.38	
11/09/2015	05:24:08	2206	6.0	8.34	914.4	8.38	
11/09/2015	05:24:28	2186	6.0	8.35	916.4	8.38	
11/09/2015	05:24:48	2157	6.0	8.35	918.4	8.39	
11/09/2015	05:25:08	2228	6.0	8.35	920.4	8.39	
11/09/2015	05:25:28	2177	6.0	8.35	922.4	8.38	
11/09/2015	05:25:48	2224	6.0	8.35	924.4	8.38	
11/09/2015	05:26:08	2223	6.0	8.35	926.4	8.38	
11/09/2015	05:26:28	2232	6.0	8.35	928.4	8.38	
11/09/2015	05:26:48	2217	6.0	8.34	930.4	8.38	
11/09/2015	05:27:08	2193	6.0	8.34	932.4	8.38	
11/09/2015	05:27:28	2254	6.0	8.34	934.4	8.38	
11/09/2015	05:27:48	2218	6.0	8.35	936.4	8.38	
11/09/2015	05:28:08	2246	6.0	8.35	938.4	8.38	
11/09/2015	05:28:28	2222	6.0	8.35	940.4	8.38	
11/09/2015	05:28:48	2263	6.0	8.35	942.5	8.38	
11/09/2015	05:29:08	2220	6.0	8.35	944.5	8.38	
11/09/2015	05:29:28	2231	6.0	8.34	946.5	8.38	
11/09/2015	05:29:48	2243	6.0	8.34	948.5	8.38	
11/09/2015	05:30:08	2241	6.0	8.34	950.5	8.38	
11/09/2015	05:30:28	2285	6.0	8.35	952.5	8.38	
11/09/2015	05:30:48	2245	6.0	8.35	954.5	8.35	
11/09/2015	05:31:08	2260	6.0	8.35	956.5	8.39	
11/09/2015	05:31:28	2232	6.0	8.34	958.5	8.39	
11/09/2015	05:31:48	2045	4.2	8.34	960.4	8.39	
11/09/2015	05:32:08	1955	3.0	8.34	961.8	8.39	
11/09/2015	05:32:22	1874	2.7	8.34	962.4	8.33	Cement to Surface, 274 bbl Away
11/09/2015	05:32:28	1920	2.7	8.35	962.7	8.35	
11/09/2015	05:32:48	1846	2.0	8.35	963.4	8.40	
11/09/2015	05:33:08	1854	2.0	8.35	964.1	8.40	
11/09/2015	05:33:28	1840	2.0	8.35	964.7	8.39	
11/09/2015	05:33:48	1851	2.0	8.35	965.4	8.39	
11/09/2015	05:34:08	1839	2.0	8.35	966.0	8.39	
11/09/2015	05:34:28	1830	2.0	8.35	966.7	8.39	
11/09/2015	05:34:48	1831	2.0	8.35	967.3	8.39	
11/09/2015	05:35:08	1853	2.0	8.35	968.0	8.39	
11/09/2015	05:35:28	2465	0.5	8.35	968.6	8.39	
11/09/2015	05:35:41	2573	0.0	8.35	968.6	8.39	Bump Top Plug 1850psi to 2500psi
11/09/2015	05:35:42	2544	0.0	8.35	968.6	8.39	End Displacement
11/09/2015	05:35:43	2478	0.0	8.35	968.6	8.39	Reset Total, Vol = 294 bbl
11/09/2015	05:35:48	2496	0.0	8.35	968.7	8.39	

Well			Field		Job Start		Customer		Job Number	
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015		Anadarko		CWJN-01494	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message			
11/09/2015	05:36:28	2526	0.0	8.35	968.7	8.39				
11/09/2015	05:36:48	2503	0.0	8.35	968.7	8.39				
11/09/2015	05:37:08	2536	0.2	8.35	968.7	8.39				
11/09/2015	05:37:28	2770	0.3	8.35	968.9	8.39				
11/09/2015	05:37:48	2827	0.3	8.35	968.9	8.39				
11/09/2015	05:38:08	3029	0.6	8.35	969.1	8.39				
11/09/2015	05:38:15	3077	0.0	8.35	969.2	8.39	Start 3000psi, 15min Casing Test			
11/09/2015	05:38:28	3047	0.0	8.35	969.2	8.39				
11/09/2015	05:38:48	3062	0.0	8.35	969.2	8.39				
11/09/2015	05:39:08	3089	0.0	8.35	969.2	8.39				
11/09/2015	05:39:28	3093	0.0	8.35	969.2	8.39				
11/09/2015	05:39:48	3089	0.0	8.35	969.2	8.39				
11/09/2015	05:40:08	3103	0.0	8.35	969.2	8.39				
11/09/2015	05:40:28	3113	0.0	8.35	969.2	8.39				
11/09/2015	05:40:48	3117	0.0	8.35	969.2	8.39				
11/09/2015	05:41:08	3121	0.0	8.35	969.2	8.39				
11/09/2015	05:41:28	3126	0.0	8.35	969.2	8.39				
11/09/2015	05:41:48	3137	0.0	8.35	969.2	8.39				
11/09/2015	05:42:08	3146	0.0	8.35	969.2	8.39				
11/09/2015	05:42:28	3151	0.0	8.35	969.2	8.39				
11/09/2015	05:42:48	3158	0.0	8.35	969.2	8.39				
11/09/2015	05:43:08	3164	0.0	8.35	969.2	8.39				
11/09/2015	05:43:28	3172	0.0	8.35	969.2	8.39				
11/09/2015	05:43:48	3179	0.0	8.35	969.2	8.39				
11/09/2015	05:44:08	3186	0.0	8.35	969.2	8.39				
11/09/2015	05:44:28	3192	0.0	8.35	969.2	8.39				
11/09/2015	05:44:48	3198	0.0	8.35	969.2	8.39				
11/09/2015	05:45:08	3205	0.0	8.35	969.2	8.39				
11/09/2015	05:45:28	3214	0.0	8.35	969.2	8.39				
11/09/2015	05:45:48	3219	0.0	8.35	969.2	8.39				
11/09/2015	05:46:08	3224	0.0	8.35	969.2	8.39				
11/09/2015	05:46:28	3231	0.0	8.35	969.2	8.39				
11/09/2015	05:46:48	3236	0.0	8.35	969.2	8.39				
11/09/2015	05:47:08	3243	0.0	8.35	969.2	8.39				
11/09/2015	05:47:28	3250	0.0	8.35	969.2	8.39				
11/09/2015	05:47:48	3255	0.0	8.35	969.2	8.39				
11/09/2015	05:48:08	3258	0.0	8.35	969.2	8.39				
11/09/2015	05:48:28	3265	0.0	8.35	969.2	8.39				
11/09/2015	05:48:48	3272	0.0	8.35	969.2	8.39				
11/09/2015	05:49:08	3277	0.0	8.35	969.2	8.39				
11/09/2015	05:49:28	3284	0.0	8.35	969.2	8.39				
11/09/2015	05:49:48	3289	0.0	8.35	969.2	8.39				
11/09/2015	05:50:08	3293	0.0	8.35	969.3	8.39				
11/09/2015	05:50:28	3299	0.0	8.35	969.3	8.39				
11/09/2015	05:50:48	3307	0.0	8.35	969.3	8.39				
11/09/2015	05:51:08	3311	0.0	8.35	969.3	8.39				
11/09/2015	05:51:28	3317	0.0	8.35	969.3	8.39				
11/09/2015	05:51:48	3322	0.0	8.35	969.3	8.39				
11/09/2015	05:52:08	3327	0.0	8.35	969.3	8.39				
11/09/2015	05:52:28	3334	0.0	8.35	969.3	8.39				
11/09/2015	05:52:48	3338	0.0	8.35	969.3	8.39				
11/09/2015	05:53:08	3345	0.0	8.35	969.3	8.39				
11/09/2015	05:53:28	3351	0.0	8.35	969.3	8.39				
11/09/2015	05:53:48	3071	0.0	8.35	969.3	8.39				

Well			Field		Job Start	Customer		Job Number
Sunflower 7C-17HZ 7C-17HZ			Wattenberg		Nov/08/2015	Anadarko		CWJN-01494
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Mix Density LB/G	Message	
11/09/2015	05:54:22	296	0.0	8.35	969.3	8.39	End Casing Test, 3300 psi	
11/09/2015	05:54:28	15	0.0	8.35	969.3	8.39		
11/09/2015	05:54:48	11	0.0	8.35	969.3	8.39		
11/09/2015	05:55:08	9	0.0	8.35	969.3	8.39		
11/09/2015	05:55:23	12	0.0	8.35	969.3	8.39	Floats Hold, 3.25 bbl Bacd	
11/09/2015	05:55:28	13	0.0	8.35	969.3	8.39		
11/09/2015	05:55:30	12	0.0	8.35	969.3	8.39	End Job	
11/09/2015	05:55:48	12	0.0	8.35	969.3	8.39		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 4.8	N2	Mud 0.0	Maximum Rate 8.5	Total Slurry 569.0	Mud 0.0	Spacer 80.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 3351	Final 27	Average 876	Bump Plug to 1850	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 554.4 bbl	Displacement 294.0 bbl	Mix Water Temp 67 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>		Volume 20.0 bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative			Schlumberger Supervisor Ryan Drilling/Ken Sovereign			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					