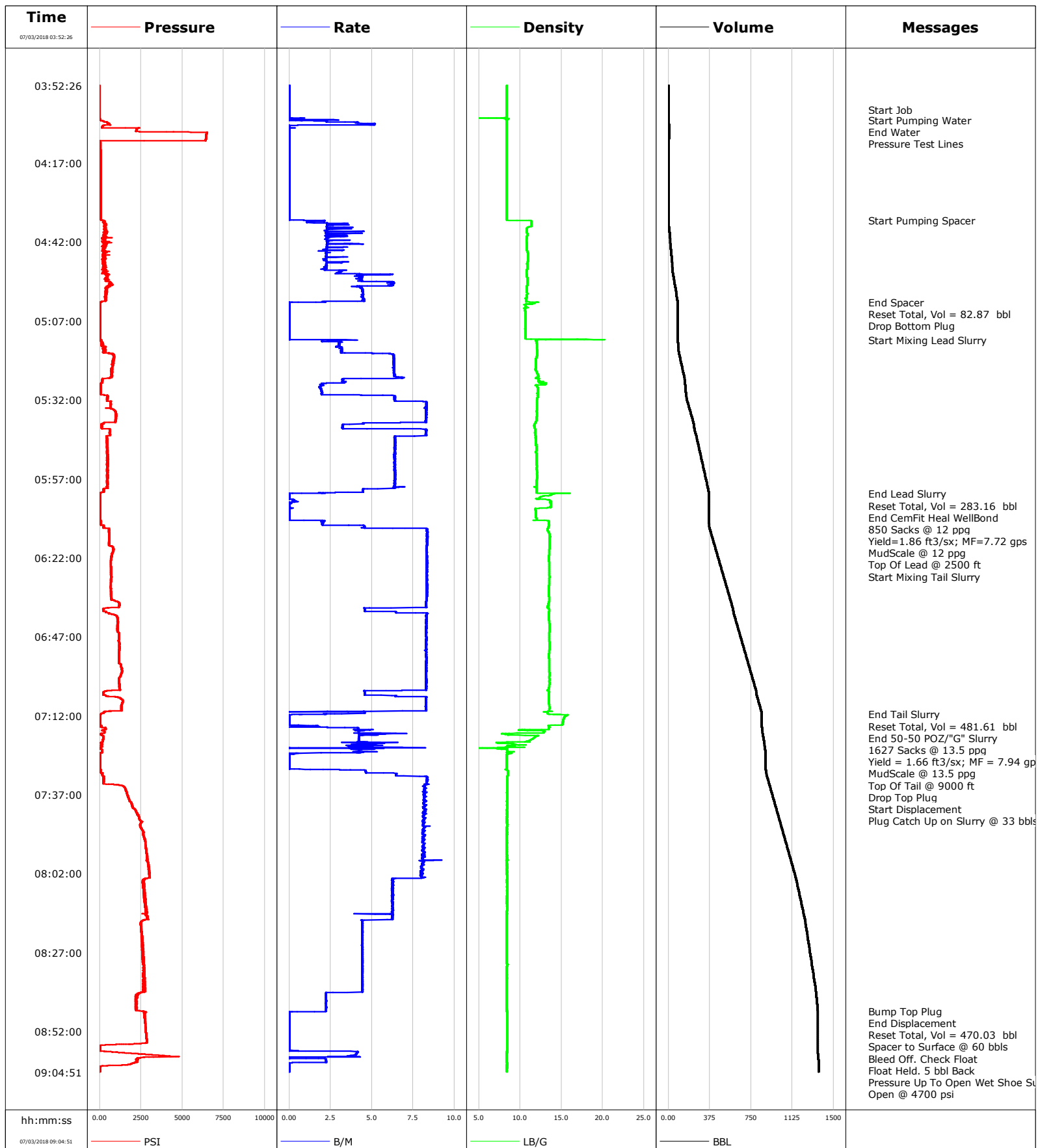


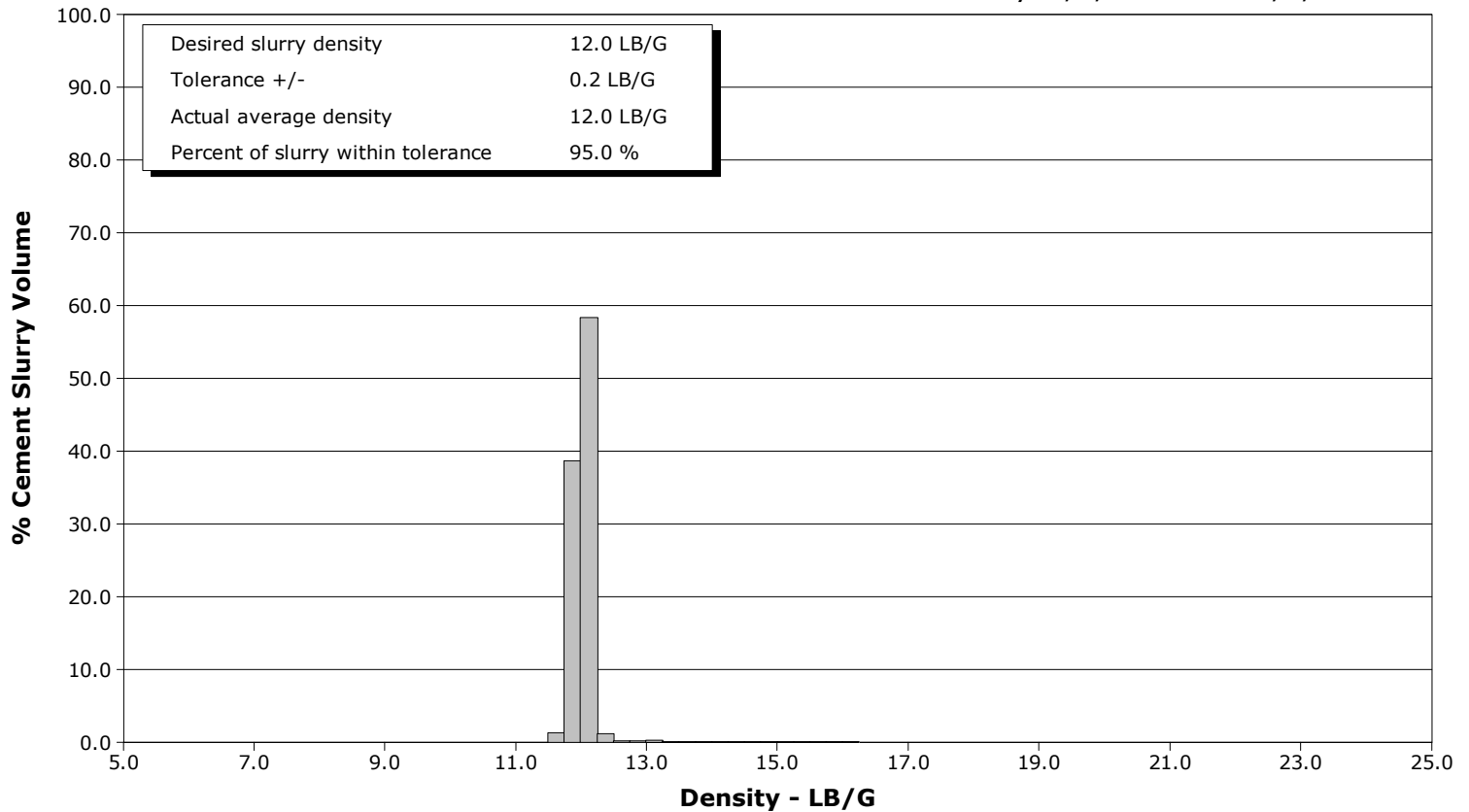
<b>Well</b>	English Farms 8-11HZ	<b>Client</b>	ANADARKO PETROLEUM COMPANY
<b>Field</b>	Wattenberg	<b>SIR No.</b>	DYN2-00305
<b>Engineer</b>	Wence Luste	<b>Job Type</b>	5 1/2" Production
<b>Country</b>	United States	<b>Job Date</b>	07-03-2018



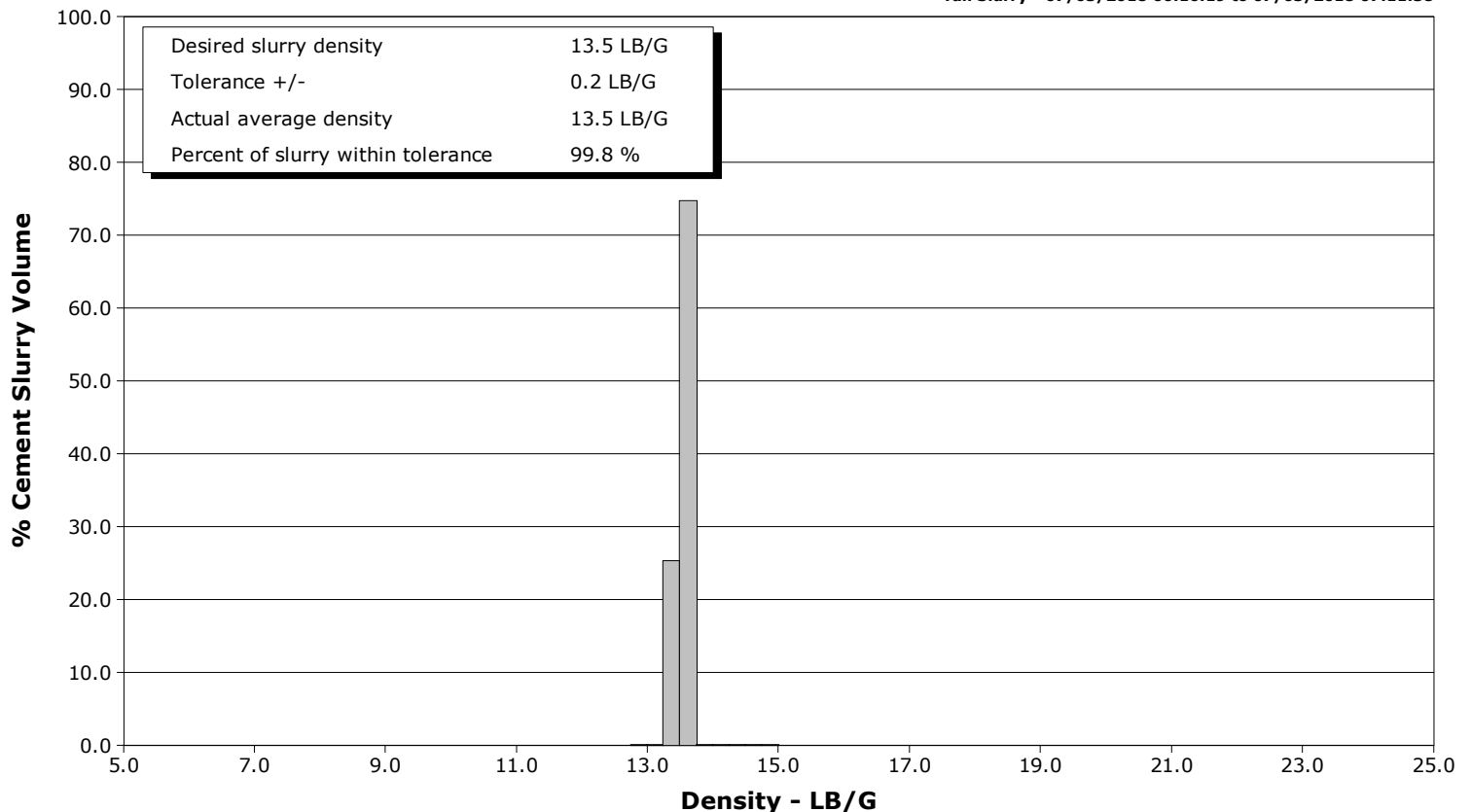
**Well** English Farms 8-11HZ  
**Field** Wattenberg  
**Engineer** Wence Luste  
**Country** United States

**Client** ANADARKO PETROLEUM COMPANY  
**SIR No.** DYN2-00305  
**Job Type** 5 1/2" Production  
**Job Date** 07-03-2018

**Lead Slurry - 07/03/2018 05:13:03 to 07/03/2018 06:01:47**



**Tail Slurry - 07/03/2018 06:10:19 to 07/03/2018 07:11:38**



# Cementing Service Report

				<b>Customer</b> ANADARKO PETROLEUM COMPANY		<b>Job Number</b> DYN2-00305				
<b>Well</b> English Farms 8-11HZ 0631763808			<b>Location (legal)</b> 05123465920000		<b>Schlumberger Location</b> Cheyenne, Wy		<b>Job Start</b> Jul/03/2018			
<b>Field</b> Wattenberg		<b>Formation Name/Type</b>		<b>Deviation</b> 90 deg	<b>Bit Size</b> 8.5 in	<b>Well MD</b> 20232.0 ft	<b>Well TVD</b> 7171.0 ft			
<b>County</b> Weld		<b>State/Province</b> Colorado		<b>BHP</b> psi	<b>BHST</b> 230 degF	<b>BHCT</b> 230 degF	<b>Pore Press. Gradient</b> lb/gal			
<b>Well Master</b> 0631763808		<b>API/UWI</b> 05123465920000								
<b>Rig Name</b> PD 564		<b>Drilled For</b> Oil and Gas		<b>Service Via</b> Land						
				<b>Casing/Liner</b>						
				<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>	<b>Grade</b>			
				<b>Thread</b>						
<b>Offshore Zone</b>		<b>Well Class</b> New		<b>Well Type</b> Development						
				1989.0	9.6	36.0	J55			
				20221.1	5.5	17.0	P110			
<b>Drilling Fluid Type</b> OBM		<b>Max. Density</b> 9.50 lb/gal		<b>Plastic Viscosity</b> 12.000 cP						
				<b>Tubing/Drill Pipe</b>						
				<b>T/D</b>	<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>			
				<b>Grade</b>	<b>Thread</b>					
<b>Service Line</b> Cementing		<b>Job Type</b> 5 1/2" Production								
<b>Max. Allowed Tub. Press</b> psi		<b>Max. Allowed Ann. Press</b> psi		<b>WH Connection</b> 5 1/2" C- Head						
				<b>Perforations/Open Hole</b>						
				<b>Top, ft</b>	<b>Bottom, ft</b>	<b>shot/ft</b>	<b>No. of Shots</b>			
							<b>Total Interval</b> ft			
<b>Service Instructions</b> Perform job as per proposal.				ft	ft					
				ft	ft					
				ft	ft					
				<b>Treat Down</b> Casing		<b>Displacement</b> 470.0 bbl		<b>Packer Type</b>		<b>Packer Depth</b> ft
				<b>Tubing Vol.</b> bbl		<b>Casing Vol.</b> 470.0 bbl		<b>Annular Vol.</b> 723.0 bbl		<b>Openhole Vol.</b> 1323.0 bbl
<b>Casing/Tubing Secured</b> <input checked="" type="checkbox"/>		<b>1 Hole Vol. Circulated prior to Cement</b> <input checked="" type="checkbox"/>		<b>Casing Tools</b>		<b>Squeeze Job</b>				
<b>Lift Pressure</b> 14469 psi				<b>Shoe Type</b> Float		<b>Squeeze Type</b>				
<b>Pipe Rotated</b> <input type="checkbox"/>		<b>Pipe Reciprocated</b> <input type="checkbox"/>		<b>Shoe Depth</b> 20221.1 ft		<b>Tool Type</b>				
<b>No. Centralizers</b>		<b>Top Plugs</b> 1		<b>Bottom Plugs</b> 1		<b>Stage Tool Type</b>				
<b>Cement Head Type</b> Double				<b>Stage Tool Depth</b> ft		<b>Tool Depth</b> ft				
<b>Job Scheduled For</b> Jul/03/2018 04:00		<b>Arrived on Location</b> Jul/02/2018 21:00		<b>Leave Location</b> Jul/03/2018		<b>Tail Pipe Size</b> in				
						<b>Tail Pipe Depth</b> ft				
				<b>Collar Type</b> Float		<b>Sqz. Total Vol.</b> bbl				
				<b>Collar Depth</b> 20211.5 ft						
<b>Date</b>	<b>Time 24-hr clock</b>	<b>Treating Pressure PSI</b>	<b>Flow Rate B/M</b>	<b>Density LB/G</b>	<b>Volume BBL</b>	<b>Message</b>				
07/03/2018	03:52:26	-3	0.0	8.39	0.0	Started Acquisition				
07/03/2018	03:53:11	-3	0.0	8.39	0.0					
07/03/2018	03:53:56	-3	0.0	8.39	0.0					
07/03/2018	03:54:41	-3	0.0	8.39	0.0					
07/03/2018	03:55:26	-3	0.0	8.39	0.0					
07/03/2018	03:56:11	-3	0.0	8.39	0.0					
07/03/2018	03:56:56	-3	0.0	8.39	0.0					
07/03/2018	03:57:41	-3	0.0	8.39	0.0					
07/03/2018	03:58:26	-3	0.0	8.39	0.0					
07/03/2018	03:59:11	-3	0.0	8.39	0.0					
07/03/2018	03:59:56	-3	0.0	8.39	0.0					
07/03/2018	04:00:11	-2	0.0	8.39	0.0	Start Job				
07/03/2018	04:00:41	-2	0.0	8.39	0.0					
07/03/2018	04:01:26	-3	0.0	8.39	0.0					
07/03/2018	04:02:11	-2	0.0	8.39	0.0					
07/03/2018	04:02:56	1	0.6	8.46	0.1					
07/03/2018	04:03:24	47	1.4	8.37	0.4	Start Pumping Water				
07/03/2018	04:03:41	199	2.1	8.38	0.6					
07/03/2018	04:04:26	550	4.1	8.40	3.0					
07/03/2018	04:05:05	270	0.2	8.41	5.9	End Water				
07/03/2018	04:05:11	229	0.0	8.41	5.9					

Well English Farms 8-11HZ 0631763808			Field Wattenberg		Job Start Jul/03/2018		Customer ANADARKO PETROLEUM COMPANY		Job Number DYN2-00305	
Date	Time 24-hr clock	Treating Pressure PSI		Flow Rate B/M	Density LB/G		Volume BBL		Message	
07/03/2018	04:06:41	2219		0.0	8.41		5.9			
07/03/2018	04:06:49	2216		0.0	8.41		5.9		Pressure Test Lines	
07/03/2018	04:07:26	6497		0.0	8.41		5.9			
07/03/2018	04:08:11	6461		0.0	8.41		5.9			
07/03/2018	04:08:56	6446		0.0	8.41		5.9			
07/03/2018	04:09:41	6435		0.0	8.41		0.0			
07/03/2018	04:10:26	33		0.0	8.41		0.0			
07/03/2018	04:11:11	41		0.0	8.41		0.0			
07/03/2018	04:11:56	49		0.0	8.41		0.0			
07/03/2018	04:12:41	57		0.0	8.40		0.0			
07/03/2018	04:13:26	64		0.0	8.40		0.0			
07/03/2018	04:14:11	68		0.0	8.40		0.0			
07/03/2018	04:14:56	74		0.0	8.40		0.0			
07/03/2018	04:15:41	79		0.0	8.40		0.0			
07/03/2018	04:16:26	83		0.0	8.40		0.0			
07/03/2018	04:17:11	86		0.0	8.40		0.0			
07/03/2018	04:17:56	88		0.0	8.40		0.0			
07/03/2018	04:18:41	88		0.0	8.40		0.0			
07/03/2018	04:19:26	88		0.0	8.40		0.0			
07/03/2018	04:20:11	88		0.0	8.40		0.0			
07/03/2018	04:20:56	88		0.0	8.40		0.0			
07/03/2018	04:21:41	88		0.0	8.40		0.0			
07/03/2018	04:22:26	88		0.0	8.40		0.0			
07/03/2018	04:23:11	88		0.0	8.40		0.0			
07/03/2018	04:23:56	88		0.0	8.40		0.0			
07/03/2018	04:24:41	88		0.0	8.40		0.0			
07/03/2018	04:25:26	88		0.0	8.40		0.0			
07/03/2018	04:26:11	88		0.0	8.40		0.0			
07/03/2018	04:26:56	88		0.0	8.40		0.0			
07/03/2018	04:27:41	88		0.0	8.40		0.0			
07/03/2018	04:28:26	88		0.0	8.40		0.0			
07/03/2018	04:29:11	88		0.0	8.40		0.0			
07/03/2018	04:29:56	88		0.0	8.40		0.0			
07/03/2018	04:30:41	88		0.0	8.40		0.0			
07/03/2018	04:31:26	88		0.0	8.40		0.0			
07/03/2018	04:32:11	88		0.0	8.40		0.0			
07/03/2018	04:32:56	88		0.0	8.40		0.0			
07/03/2018	04:33:41	89		0.0	8.40		0.0			
07/03/2018	04:34:26	89		0.0	8.40		0.0			
07/03/2018	04:35:06	133		0.3	8.40		0.0		Start Pumping Spacer	
07/03/2018	04:35:11	205		2.1	9.65		0.1			
07/03/2018	04:35:56	283		1.5	11.38		1.4			
07/03/2018	04:36:41	428		3.3	11.37		3.3			
07/03/2018	04:37:26	363		3.3	10.89		5.1			
07/03/2018	04:38:11	292		2.3	10.84		7.0			
07/03/2018	04:38:56	366		2.3	10.84		9.1			
07/03/2018	04:39:41	274		2.2	10.88		11.0			
07/03/2018	04:40:26	304		2.9	10.84		12.9			
07/03/2018	04:41:11	333		2.2	10.79		14.6			
07/03/2018	04:41:56	322		2.3	10.80		16.4			
07/03/2018	04:42:41	363		4.5	10.82		18.4			
07/03/2018	04:43:26	277		2.3	10.83		20.2			
07/03/2018	04:44:11	250		2.3	10.83		22.0			
07/03/2018	04:44:56	243		2.0	10.88		23.7			

Well			Field		Job Start		Customer		Job Number	
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018		ANADARKO PETROLEUM COMPANY		DYN2-00305	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/03/2018	04:46:26	294	2.3	10.95	27.1					
07/03/2018	04:47:11	388	2.2	10.95	28.9					
07/03/2018	04:47:56	197	2.2	10.95	30.6					
07/03/2018	04:48:41	186	2.3	10.89	32.6					
07/03/2018	04:49:26	301	2.2	10.88	34.3					
07/03/2018	04:50:11	296	2.2	10.88	36.0					
07/03/2018	04:50:56	269	3.5	10.82	37.6					
07/03/2018	04:51:41	318	2.9	10.78	40.0					
07/03/2018	04:52:26	435	5.3	10.81	42.9					
07/03/2018	04:53:11	396	4.4	10.87	46.2					
07/03/2018	04:53:56	544	4.4	10.91	49.4					
07/03/2018	04:54:41	627	6.3	10.92	52.9					
07/03/2018	04:55:26	607	6.2	10.90	57.6					
07/03/2018	04:56:11	410	4.1	10.84	61.7					
07/03/2018	04:56:56	395	4.4	10.84	65.0					
07/03/2018	04:57:41	375	4.4	10.84	68.3					
07/03/2018	04:58:26	387	4.5	10.91	71.7					
07/03/2018	04:59:11	381	4.5	10.81	75.1					
07/03/2018	04:59:56	357	4.5	10.69	78.4					
07/03/2018	05:00:41	362	4.5	10.74	81.8					
07/03/2018	05:01:08	16	0.0	12.11	82.9	End Spacer				
07/03/2018	05:01:11	12	0.0	11.98	82.9	Reset Total, Vol = 82.87 bbl				
07/03/2018	05:01:15	11	0.0	11.80	82.9	Drop Bottom Plug				
07/03/2018	05:01:26	9	0.0	11.75	82.9					
07/03/2018	05:02:11	8	0.0	10.67	82.9					
07/03/2018	05:02:56	8	0.0	10.72	82.9					
07/03/2018	05:03:41	8	0.0	10.55	82.9					
07/03/2018	05:04:26	8	0.0	10.64	82.9					
07/03/2018	05:05:11	8	0.0	10.64	82.9					
07/03/2018	05:05:56	8	0.0	10.65	82.9					
07/03/2018	05:06:41	8	0.0	10.65	82.9					
07/03/2018	05:07:26	8	0.0	10.65	82.9					
07/03/2018	05:08:11	8	0.0	10.65	82.9					
07/03/2018	05:08:56	8	0.0	10.65	82.9					
07/03/2018	05:09:41	8	0.0	10.63	82.9					
07/03/2018	05:10:26	8	0.0	10.63	82.9					
07/03/2018	05:11:11	8	0.0	10.63	82.9					
07/03/2018	05:11:56	7	0.0	10.63	82.9					
07/03/2018	05:12:41	8	0.0	10.64	82.9					
07/03/2018	05:13:03	82	4.1	12.00	83.1	Start Mixing Lead Slurry				
07/03/2018	05:13:26	67	2.0	11.95	84.2					
07/03/2018	05:14:11	172	3.0	12.02	86.4					
07/03/2018	05:14:56	126	3.0	12.05	88.7					
07/03/2018	05:15:41	330	3.2	12.05	90.9					
07/03/2018	05:16:26	236	3.1	12.11	93.3					
07/03/2018	05:17:11	594	3.4	12.10	95.7					
07/03/2018	05:17:56	835	6.3	12.08	100.2					
07/03/2018	05:18:41	854	6.3	11.96	104.9					
07/03/2018	05:19:26	863	6.4	11.92	109.7					
07/03/2018	05:20:11	764	6.3	11.91	114.5					
07/03/2018	05:20:56	827	6.4	11.91	119.2					
07/03/2018	05:21:41	775	6.4	11.90	124.0					
07/03/2018	05:22:26	698	6.3	11.87	128.7					
07/03/2018	05:23:11	713	6.4	12.01	133.5					

Well			Field		Job Start		Customer		Job Number	
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018		ANADARKO PETROLEUM COMPANY		DYN2-00305	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/03/2018	05:24:41	763	6.5	12.24	143.1					
07/03/2018	05:25:26	168	3.3	12.22	147.4					
07/03/2018	05:26:11	145	3.2	12.22	149.9					
07/03/2018	05:26:56	61	2.0	13.09	152.1					
07/03/2018	05:27:41	70	1.9	12.06	153.6					
07/03/2018	05:28:26	66	1.9	12.14	154.9					
07/03/2018	05:29:11	70	2.0	12.13	156.4					
07/03/2018	05:29:56	69	2.0	12.11	157.9					
07/03/2018	05:30:41	501	6.4	12.13	160.1					
07/03/2018	05:31:26	452	6.4	12.10	164.9					
07/03/2018	05:32:11	449	6.4	12.04	169.7					
07/03/2018	05:32:56	671	8.3	12.03	175.3					
07/03/2018	05:33:41	665	8.3	12.03	181.6					
07/03/2018	05:34:26	669	8.4	12.03	187.8					
07/03/2018	05:35:11	861	8.3	12.02	194.1					
07/03/2018	05:35:56	959	8.3	12.01	200.3					
07/03/2018	05:36:41	1000	8.3	12.03	206.5					
07/03/2018	05:37:26	977	8.3	12.01	212.8					
07/03/2018	05:38:11	989	8.3	11.98	219.0					
07/03/2018	05:38:56	960	8.3	11.93	225.2					
07/03/2018	05:39:41	119	4.4	11.79	229.7					
07/03/2018	05:40:26	128	3.2	11.73	232.1					
07/03/2018	05:41:11	557	4.7	11.80	234.6					
07/03/2018	05:41:56	619	8.3	11.84	240.7					
07/03/2018	05:42:41	610	8.3	11.82	246.9					
07/03/2018	05:43:26	407	7.6	11.89	253.1					
07/03/2018	05:44:11	439	6.4	11.93	258.0					
07/03/2018	05:44:56	423	6.4	11.92	262.8					
07/03/2018	05:45:41	434	6.5	11.94	267.6					
07/03/2018	05:46:26	433	6.5	11.94	272.4					
07/03/2018	05:47:11	438	6.4	11.96	277.2					
07/03/2018	05:47:56	467	6.4	11.95	282.0					
07/03/2018	05:48:41	439	6.4	11.94	286.8					
07/03/2018	05:49:26	463	6.4	11.99	291.6					
07/03/2018	05:50:11	492	6.4	11.98	296.4					
07/03/2018	05:50:56	453	6.4	11.98	301.2					
07/03/2018	05:51:41	487	6.4	11.98	306.0					
07/03/2018	05:52:26	500	6.4	11.99	310.8					
07/03/2018	05:53:11	460	6.4	12.02	315.6					
07/03/2018	05:53:56	491	6.4	11.99	320.4					
07/03/2018	05:54:41	455	6.4	12.04	325.2					
07/03/2018	05:55:26	464	6.4	12.06	330.0					
07/03/2018	05:56:11	453	6.4	12.08	334.8					
07/03/2018	05:56:56	459	6.4	12.04	339.6					
07/03/2018	05:57:41	485	6.4	11.99	344.5					
07/03/2018	05:58:26	489	6.4	12.00	349.3					
07/03/2018	05:59:11	450	6.4	11.99	354.1					
07/03/2018	05:59:56	443	6.4	11.99	358.9					
07/03/2018	06:00:41	267	4.5	11.96	362.6					
07/03/2018	06:01:26	51	2.0	11.95	365.8					
07/03/2018	06:01:47	11	0.0	14.04	366.1	End Lead Slurry				
07/03/2018	06:01:50	11	0.0	13.98	366.1	Reset Total, Vol = 283.16 bbl				
07/03/2018	06:01:51	11	0.0	13.98	366.1	End CemFit Heal WellBond				
07/03/2018	06:01:52	11	0.0	13.98	366.1	850 Sacks @ 12 ppg				

Well			Field		Job Start		Customer		Job Number	
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018		ANADARKO PETROLEUM COMPANY		DYN2-00305	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
07/03/2018	06:01:54	11	0.0	13.88	366.1	MudScale @ 12 ppg				
07/03/2018	06:01:55	12	0.0	13.91	366.1	Top Of Lead @ 2500 ft				
07/03/2018	06:02:11	11	0.0	13.71	366.1					
07/03/2018	06:02:56	11	0.0	12.38	366.1					
07/03/2018	06:03:41	11	0.3	13.54	366.1					
07/03/2018	06:04:26	11	0.0	13.60	366.4					
07/03/2018	06:05:11	11	0.0	13.71	366.4					
07/03/2018	06:05:56	11	0.0	13.71	366.4					
07/03/2018	06:06:41	11	0.0	11.87	366.4					
07/03/2018	06:07:26	11	0.0	11.91	366.4					
07/03/2018	06:08:11	11	0.0	11.93	366.4					
07/03/2018	06:08:56	11	0.0	11.94	366.4					
07/03/2018	06:09:41	11	0.0	11.95	366.4					
07/03/2018	06:10:19	82	2.1	13.43	366.7	Start Mixing Tail Slurry				
07/03/2018	06:10:26	81	2.1	13.46	367.0					
07/03/2018	06:11:11	83	2.0	13.45	368.5					
07/03/2018	06:11:56	234	4.5	13.49	370.6					
07/03/2018	06:12:41	570	7.0	13.38	374.1					
07/03/2018	06:13:26	560	8.3	13.38	380.3					
07/03/2018	06:14:11	575	8.4	13.52	386.6					
07/03/2018	06:14:56	599	8.4	13.61	392.9					
07/03/2018	06:15:41	589	8.4	13.59	399.1					
07/03/2018	06:16:26	575	8.4	13.59	405.4					
07/03/2018	06:17:11	569	8.4	13.58	411.7					
07/03/2018	06:17:56	566	8.4	13.57	418.0					
07/03/2018	06:18:41	807	8.4	13.57	424.2					
07/03/2018	06:19:26	846	8.3	13.56	430.5					
07/03/2018	06:20:11	802	8.4	13.52	436.7					
07/03/2018	06:20:56	730	8.4	13.52	443.0					
07/03/2018	06:21:41	727	8.3	13.50	449.2					
07/03/2018	06:22:26	689	8.3	13.49	455.5					
07/03/2018	06:23:11	680	8.4	13.50	461.8					
07/03/2018	06:23:56	684	8.3	13.52	468.0					
07/03/2018	06:24:41	685	8.4	13.53	474.3					
07/03/2018	06:25:26	698	8.4	13.53	480.6					
07/03/2018	06:26:11	675	8.4	13.52	486.8					
07/03/2018	06:26:56	679	8.3	13.53	493.1					
07/03/2018	06:27:41	686	8.4	13.55	499.3					
07/03/2018	06:28:26	692	8.4	13.55	505.6					
07/03/2018	06:29:11	673	8.4	13.53	511.8					
07/03/2018	06:29:56	687	8.4	13.53	518.1					
07/03/2018	06:30:41	671	8.4	13.51	524.4					
07/03/2018	06:31:26	677	8.4	13.48	530.6					
07/03/2018	06:32:11	674	8.4	13.47	536.9					
07/03/2018	06:32:56	692	8.4	13.46	543.2					
07/03/2018	06:33:41	692	8.4	13.47	549.4					
07/03/2018	06:34:26	699	8.3	13.52	555.7					
07/03/2018	06:35:11	730	8.3	13.55	562.0					
07/03/2018	06:35:56	1102	8.3	13.52	568.2					
07/03/2018	06:36:41	1180	8.3	13.43	574.4					
07/03/2018	06:37:26	1182	8.3	13.39	580.6					
07/03/2018	06:38:11	225	4.6	13.49	585.6					
07/03/2018	06:38:56	226	4.6	13.50	589.0					
07/03/2018	06:39:41	563	8.4	13.50	594.2					

Well			Field		Job Start	Customer	Job Number
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018	ANADARKO PETROLEUM COMPANY	DYN2-00305
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/03/2018	06:41:11	1082	8.3	13.47	606.7		
07/03/2018	06:41:56	1106	8.3	13.51	613.0		
07/03/2018	06:42:41	1104	8.3	13.55	619.2		
07/03/2018	06:43:26	1096	8.3	13.60	625.4		
07/03/2018	06:44:11	1098	8.3	13.58	631.7		
07/03/2018	06:44:56	1094	8.3	13.60	637.9		
07/03/2018	06:45:41	1152	8.3	13.55	644.1		
07/03/2018	06:46:26	1183	8.3	13.52	650.4		
07/03/2018	06:47:11	1164	8.3	13.53	656.6		
07/03/2018	06:47:56	1167	8.3	13.55	662.8		
07/03/2018	06:48:41	1142	8.3	13.57	669.1		
07/03/2018	06:49:26	1206	8.3	13.58	675.3		
07/03/2018	06:50:11	1180	8.3	13.58	681.5		
07/03/2018	06:50:56	1203	8.3	13.57	687.7		
07/03/2018	06:51:41	1187	8.3	13.53	694.0		
07/03/2018	06:52:26	1175	8.3	13.50	700.2		
07/03/2018	06:53:11	1176	8.3	13.48	706.4		
07/03/2018	06:53:56	1190	8.3	13.51	712.7		
07/03/2018	06:54:41	1172	8.3	13.53	718.9		
07/03/2018	06:55:26	1180	8.3	13.53	725.1		
07/03/2018	06:56:11	1281	8.3	13.54	731.4		
07/03/2018	06:56:56	1328	8.3	13.55	737.6		
07/03/2018	06:57:41	1351	8.3	13.54	743.8		
07/03/2018	06:58:26	1347	8.3	13.56	750.1		
07/03/2018	06:59:11	1279	8.3	13.58	756.3		
07/03/2018	06:59:56	1216	8.3	13.55	762.5		
07/03/2018	07:00:41	1172	8.3	13.57	768.7		
07/03/2018	07:01:26	1162	8.3	13.56	775.0		
07/03/2018	07:02:11	1212	8.3	13.56	781.2		
07/03/2018	07:02:56	1219	8.3	13.51	787.4		
07/03/2018	07:03:41	1227	8.3	13.45	793.7		
07/03/2018	07:04:26	254	4.6	13.53	798.4		
07/03/2018	07:05:11	229	4.6	13.48	801.8		
07/03/2018	07:05:56	504	6.5	13.49	805.9		
07/03/2018	07:06:41	1287	8.3	13.46	812.0		
07/03/2018	07:07:26	1420	8.3	13.49	818.2		
07/03/2018	07:08:11	1372	8.3	13.48	824.4		
07/03/2018	07:08:56	1318	8.3	13.56	830.7		
07/03/2018	07:09:41	1324	8.3	13.56	836.9		
07/03/2018	07:10:26	1329	8.3	13.53	843.1		
07/03/2018	07:11:11	224	4.6	13.37	846.7		
07/03/2018	07:11:38	9	0.8	14.02	848.0	End Tail Slurry	
07/03/2018	07:11:40	9	0.2	14.81	848.0	Reset Total, Vol = 481.61 bbl	
07/03/2018	07:11:43	9	0.0	15.70	848.0	End 50-50 POZ/"G" Slurry	
07/03/2018	07:11:44	10	0.0	15.77	848.0	Yield = 1.66 ft3/sx; MF = 7.94 gps	
07/03/2018	07:11:45	9	0.0	15.77	848.0	Top Of Tail @ 9000 ft	
07/03/2018	07:11:56	11	0.0	15.66	848.0		
07/03/2018	07:12:41	12	0.0	15.33	848.0		
07/03/2018	07:13:26	16	0.0	15.21	848.0		
07/03/2018	07:14:11	19	0.0	15.18	848.0		
07/03/2018	07:14:56	19	0.0	15.13	848.0		
07/03/2018	07:15:41	148	2.3	13.51	849.0		
07/03/2018	07:16:26	336	4.2	10.56	851.9		
07/03/2018	07:17:11	301	4.2	12.90	855.2		



Well			Field		Job Start	Customer	Job Number
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018	ANADARKO PETROLEUM COMPANY	DYN2-00305
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/03/2018	07:18:41	228	4.2	11.87	862.2		
07/03/2018	07:19:26	212	4.2	11.48	865.4		
07/03/2018	07:20:11	187	4.2	10.90	868.5		
07/03/2018	07:20:56	150	4.2	9.21	872.1		
07/03/2018	07:21:41	153	4.6	9.36	875.5		
07/03/2018	07:22:26	32	5.2	8.24	878.3		
07/03/2018	07:23:11	149	4.2	8.44	881.5		
07/03/2018	07:23:16	139	4.2	8.44	881.9	Drop Top Plug	
07/03/2018	07:23:56	3	0.5	8.90	884.2		
07/03/2018	07:24:41	9	0.0	8.41	884.3		
07/03/2018	07:25:26	10	0.0	8.41	884.3		
07/03/2018	07:26:11	10	0.0	8.41	884.3		
07/03/2018	07:26:56	9	0.0	8.41	884.3		
07/03/2018	07:27:41	10	0.0	8.41	884.3		
07/03/2018	07:28:26	10	0.0	8.40	884.3		
07/03/2018	07:28:53	10	0.0	8.41	884.3	Start Displacement	
07/03/2018	07:29:11	50	3.4	8.41	884.8		
07/03/2018	07:29:56	79	4.6	8.50	888.2		
07/03/2018	07:30:41	154	6.5	8.51	892.6		
07/03/2018	07:31:26	241	8.4	8.42	898.0		
07/03/2018	07:32:11	242	8.4	8.42	904.3		
07/03/2018	07:32:56	242	8.4	8.42	910.5		
07/03/2018	07:33:41	567	8.4	8.42	916.8		
07/03/2018	07:33:51	1029	8.3	8.42	918.2	Plug Catch Up on Slurry @ 33 bbls	
07/03/2018	07:34:26	1448	8.2	8.42	923.0		
07/03/2018	07:35:11	1556	8.2	8.42	929.1		
07/03/2018	07:35:56	1603	8.2	8.42	935.3		
07/03/2018	07:36:41	1662	8.2	8.42	941.5		
07/03/2018	07:37:26	1712	8.2	8.41	947.6		
07/03/2018	07:38:11	1764	8.2	8.41	953.7		
07/03/2018	07:38:56	1823	8.3	8.42	959.9		
07/03/2018	07:39:41	1910	8.2	8.42	966.0		
07/03/2018	07:40:26	1949	8.3	8.42	972.2		
07/03/2018	07:41:11	2000	8.1	8.41	978.3		
07/03/2018	07:41:56	2161	8.3	8.40	984.5		
07/03/2018	07:42:41	2225	8.1	8.41	990.6		
07/03/2018	07:43:26	2336	8.2	8.41	996.8		
07/03/2018	07:44:11	2385	8.2	8.41	1002.9		
07/03/2018	07:44:56	2428	8.1	8.41	1009.0		
07/03/2018	07:45:41	2546	8.2	8.41	1015.1		
07/03/2018	07:46:26	2459	8.1	8.47	1021.3		
07/03/2018	07:47:11	2475	8.2	8.41	1027.4		
07/03/2018	07:47:56	2543	8.2	8.41	1033.5		
07/03/2018	07:48:41	2657	8.2	8.41	1039.6		
07/03/2018	07:49:26	2651	8.1	8.41	1045.7		
07/03/2018	07:50:11	2672	8.2	8.41	1051.8		
07/03/2018	07:50:56	2718	8.1	8.41	1057.9		
07/03/2018	07:51:41	2750	8.2	8.41	1064.0		
07/03/2018	07:52:26	2761	8.2	8.40	1070.1		
07/03/2018	07:53:11	2804	8.1	8.41	1076.2		
07/03/2018	07:53:56	2799	8.2	8.40	1082.3		
07/03/2018	07:54:41	2824	8.1	8.41	1088.4		
07/03/2018	07:55:26	2830	8.2	8.40	1094.5		
07/03/2018	07:56:11	2872	8.1	8.41	1100.6		

Well			Field		Job Start	Customer	Job Number
English Farms 8-11HZ 0631763808			Wattenberg		Jul/03/2018	ANADARKO PETROLEUM COMPANY	DYN2-00305
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/03/2018	07:57:41	2896	8.1	8.41	1112.8		
07/03/2018	07:58:26	2909	8.2	8.41	1118.9		
07/03/2018	07:59:11	2945	8.2	8.42	1125.0		
07/03/2018	07:59:56	2980	8.0	8.41	1131.0		
07/03/2018	08:00:41	2981	8.1	8.39	1137.1		
07/03/2018	08:01:26	3012	8.0	8.41	1143.1		
07/03/2018	08:02:11	3000	8.0	8.41	1149.1		
07/03/2018	08:02:56	3037	8.0	8.43	1155.1		
07/03/2018	08:03:41	2707	6.3	8.42	1160.7		
07/03/2018	08:04:26	2610	6.3	8.41	1165.4		
07/03/2018	08:05:11	2627	6.3	8.41	1170.2		
07/03/2018	08:05:56	2645	6.3	8.41	1174.9		
07/03/2018	08:06:41	2676	6.3	8.41	1179.6		
07/03/2018	08:07:26	2704	6.3	8.41	1184.3		
07/03/2018	08:08:11	2731	6.3	8.41	1188.9		
07/03/2018	08:08:56	2758	6.2	8.41	1193.7		
07/03/2018	08:09:41	2784	6.3	8.41	1198.3		
07/03/2018	08:10:26	2791	6.3	8.41	1203.0		
07/03/2018	08:11:11	2730	6.3	8.41	1207.7		
07/03/2018	08:11:56	2752	6.3	8.41	1212.4		
07/03/2018	08:12:41	2764	6.3	8.41	1217.1		
07/03/2018	08:13:26	2784	6.3	8.42	1221.8		
07/03/2018	08:14:11	2787	6.3	8.41	1226.5		
07/03/2018	08:14:56	2809	6.3	8.41	1231.2		
07/03/2018	08:15:41	2897	6.2	8.41	1235.8		
07/03/2018	08:16:26	2911	6.3	8.41	1240.5		
07/03/2018	08:17:11	2518	4.4	8.41	1244.3		
07/03/2018	08:17:56	2481	4.4	8.41	1247.6		
07/03/2018	08:18:41	2494	4.4	8.41	1250.9		
07/03/2018	08:19:26	2504	4.4	8.41	1254.2		
07/03/2018	08:20:11	2525	4.4	8.41	1257.6		
07/03/2018	08:20:56	2540	4.4	8.41	1260.9		
07/03/2018	08:21:41	2553	4.4	8.41	1264.2		
07/03/2018	08:22:26	2571	4.4	8.41	1267.5		
07/03/2018	08:23:11	2589	4.4	8.41	1270.8		
07/03/2018	08:23:56	2606	4.4	8.41	1274.2		
07/03/2018	08:24:41	2618	4.4	8.41	1277.5		
07/03/2018	08:25:26	2634	4.4	8.41	1280.8		
07/03/2018	08:26:11	2644	4.4	8.41	1284.1		
07/03/2018	08:26:56	2652	4.4	8.41	1287.4		
07/03/2018	08:27:41	2656	4.4	8.41	1290.8		
07/03/2018	08:28:26	2586	4.4	8.41	1294.1		
07/03/2018	08:29:11	2659	4.4	8.41	1297.4		
07/03/2018	08:29:56	2664	4.4	8.41	1300.7		
07/03/2018	08:30:41	2664	4.4	8.45	1304.1		
07/03/2018	08:31:26	2662	4.4	8.41	1307.4		
07/03/2018	08:32:11	2669	4.4	8.41	1310.7		
07/03/2018	08:32:56	2660	4.4	8.41	1314.0		
07/03/2018	08:33:41	2655	4.4	8.41	1317.3		
07/03/2018	08:34:26	2657	4.4	8.41	1320.7		
07/03/2018	08:35:11	2646	4.4	8.41	1324.0		
07/03/2018	08:35:56	2648	4.4	8.41	1327.3		
07/03/2018	08:36:41	2625	4.5	8.41	1330.6		
07/03/2018	08:37:26	2718	4.4	8.41	1334.0		

Well			Field	Job Start		Customer	Job Number
English Farms 8-11HZ 0631763808			Wattenberg	Jul/03/2018		ANADARKO PETROLEUM COMPANY	DYN2-00305
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
07/03/2018	08:38:56	2749	4.4	8.41	1340.6		
07/03/2018	08:39:41	2573	2.2	8.41	1343.8		
07/03/2018	08:40:26	2311	2.2	8.41	1345.4		
07/03/2018	08:41:11	2283	2.2	8.41	1347.1		
07/03/2018	08:41:56	2231	2.2	8.41	1348.8		
07/03/2018	08:42:41	2264	2.2	8.41	1350.5		
07/03/2018	08:43:26	2220	2.2	8.41	1352.2		
07/03/2018	08:44:11	2212	2.2	8.41	1353.8		
07/03/2018	08:44:56	2208	2.2	8.41	1355.5		
07/03/2018	08:45:40	2713	2.2	8.41	1357.1	Bump Top Plug	
07/03/2018	08:45:41	2713	2.2	8.41	1357.2	End Displacement	
07/03/2018	08:45:42	2665	1.6	8.41	1357.2	Reset Total, Vol = 470.03 bbl	
07/03/2018	08:46:26	2702	0.0	8.41	1357.2		
07/03/2018	08:46:40	2711	0.0	8.42	1357.2	Spacer to Surface @ 60 bbls	
07/03/2018	08:47:11	2759	0.0	8.41	1357.2		
07/03/2018	08:47:56	2733	0.0	8.42	1357.2		
07/03/2018	08:48:41	2741	0.0	8.42	1357.2		
07/03/2018	08:49:26	2771	0.0	8.42	1357.2		
07/03/2018	08:50:11	2774	0.0	8.42	1357.2		
07/03/2018	08:50:56	2784	0.0	8.42	1357.2		
07/03/2018	08:51:41	2803	0.0	8.42	1357.2		
07/03/2018	08:52:26	2814	0.0	8.42	1357.2		
07/03/2018	08:53:11	2826	0.0	8.42	1357.2		
07/03/2018	08:53:56	2840	0.0	8.42	1357.2		
07/03/2018	08:54:41	2851	0.0	8.42	1357.2		
07/03/2018	08:55:26	2863	0.0	8.42	1357.2		
07/03/2018	08:56:09	813	0.0	8.42	1357.2	Bleed Off. Check Float	
07/03/2018	08:56:11	663	0.0	8.42	1357.2		
07/03/2018	08:56:27	19	0.0	8.42	1357.2	Float Held. 5 bbl Back	
07/03/2018	08:56:56	0	0.0	8.42	1357.2		
07/03/2018	08:57:41	3	0.0	8.42	1357.2		
07/03/2018	08:58:26	661	4.1	8.41	1358.0		
07/03/2018	08:59:11	2626	4.1	8.41	1361.1		
07/03/2018	08:59:42	3946	3.7	8.41	1363.1	Pressure Up To Open Wet Shoe Sub	
07/03/2018	08:59:56	4463	2.3	8.41	1364.0	Open @ 4700 psi	
07/03/2018	09:00:41	2312	2.2	8.41	1364.7		
07/03/2018	09:00:56	2309	2.2	8.41	1365.2	Pump 5bbls more	
07/03/2018	09:01:26	2251	2.2	8.41	1366.4		
07/03/2018	09:02:11	1945	0.0	8.41	1367.3		
07/03/2018	09:02:20	1891	0.0	8.41	1367.3	Reset Total, Vol = 5.09 bbl	
07/03/2018	09:02:56	165	0.0	8.41	1367.3		
07/03/2018	09:03:03	19	0.0	8.41	1367.3	End Job	
07/03/2018	09:03:41	2	0.0	8.41	1367.3		

<b>Well</b> English Farms 8-11HZ 0631763808	<b>Field</b> Wattenberg	<b>Job Start</b> Jul/03/2018	<b>Customer</b> ANADARKO PETROLEUM COMPANY	<b>Job Number</b> DYN2-00305
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 6.0	N2	Mud	Maximum Rate 9.3		Total Slurry 764.8	Mud 0.0	Spacer 82.9	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 6518	Final 4787	Average 1116	Bump Plug to 2750	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 757.0 bbl		Displacement 470.0 bbl		Mix Water Temp 65 degF		Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume bbl
								Washed Thru Perfs <input type="checkbox"/>	To ft
Customer or Authorized Representative Jason Laub / Kieth Conatser				Schlumberger Supervisor Wence Luste				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
								-	-