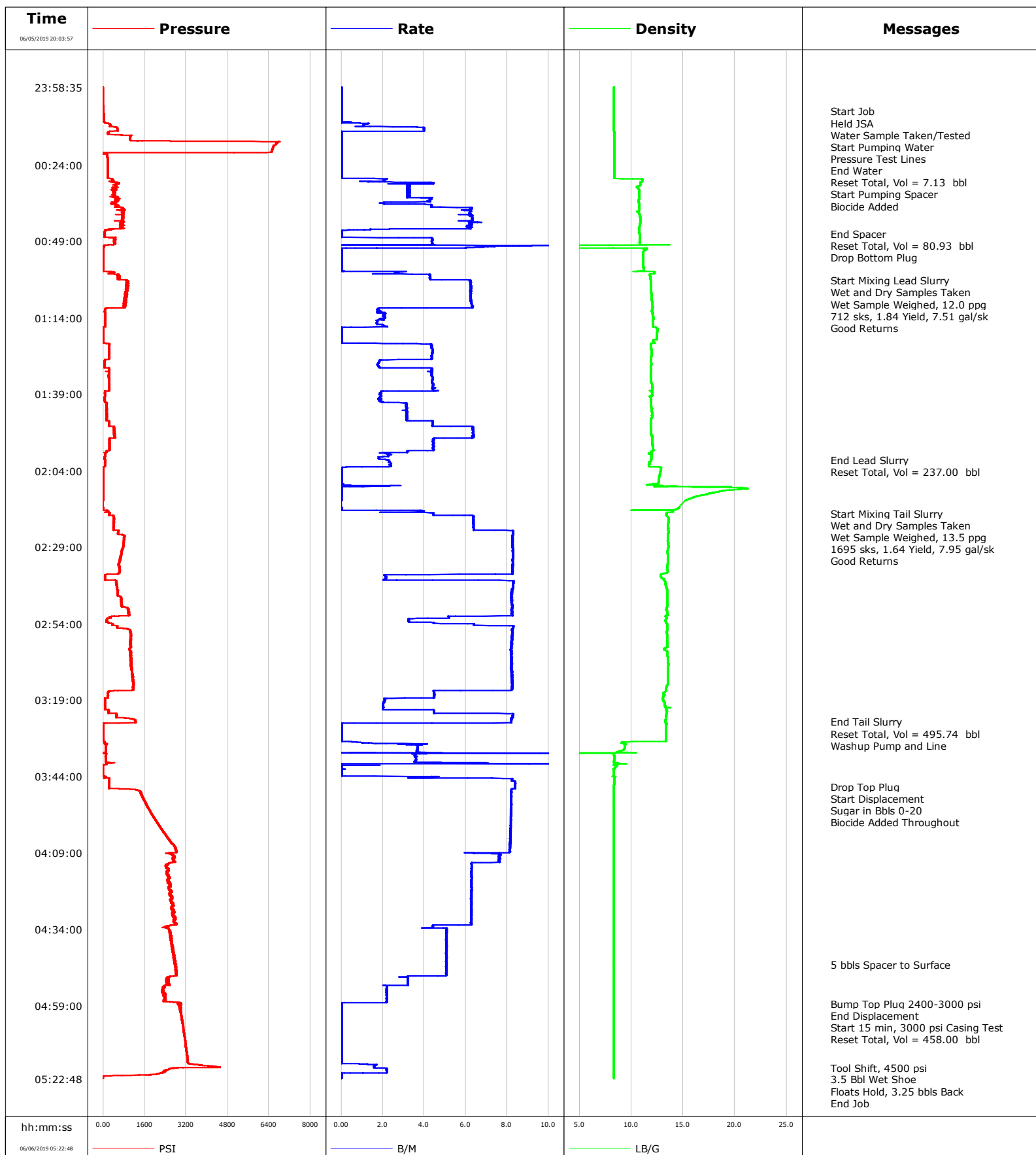


**Well** MC 3-2HZ  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Colby Dravis  
**Country** United States

**Client** Anadarko  
**SIR No.** EAJ7-00457  
**Job Type** 5.5" Production  
**Job Date** 06-05-2019



# Cementing Service Report

				<b>Customer</b> Anadarko		<b>Job Number</b> EAJ7-00457	
<b>Well</b> MC 3-2HZ		<b>Location (legal)</b> CWY		<b>Schlumberger Location</b> CWY		<b>Job Start</b> Jun/05/2019	
<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> 19700.0 ft	<b>Well TVD</b> 7678.0 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> 0065882123		<b>API/UWI</b>					
<b>Rig Name</b> Precision 564	<b>Drilled For</b> Oil & 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	19700.0	5.5	17.0	p110	Itc
			0.0	0.0	0.0		
<b>Drilling Fluid Type</b>		<b>Max. Density</b> lb/gal	<b>Plastic Viscosity</b> cP	<b>Tubing/Drill Pipe</b>			
				<b>T/D</b>	<b>Depth, ft</b>	<b>Size, in</b>	<b>Weight, lb/ft</b>
<b>Service Line</b> Cementing	<b>Job Type</b> 5.5" Production						
<b>Max. Allowed Tub. Press</b> psi	<b>Max. Allowed Ann. Press</b> psi	<b>WH Connection</b> Double Cement 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	ft			ft
			ft	ft			<b>Diameter</b>
			ft	ft			in
			<b>Treat Down</b> Casing	<b>Displacement</b> 458.0 bbl	<b>Packer Type</b>	<b>Packer Depth</b> ft	
			<b>Tubing Vol.</b> bbl	<b>Casing Vol.</b> bbl	<b>Annular Vol.</b> bbl	<b>Openhole Vol.</b> 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> 2400 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> 19700.0 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>Tool Depth</b> ft		
<b>Cement Head Type</b> Double				<b>Stage Tool Depth</b> ft	<b>Tail Pipe Size</b> in		
<b>Job Scheduled For</b> Jun/05/2019 19:00	<b>Arrived on Location</b> Jun/05/2019 19:00	<b>Leave Location</b> Jun/05/2019 06:00		<b>Collar Type</b> Float	<b>Tail Pipe Depth</b> ft		
				<b>Collar Depth</b> 19698.0 ft	<b>Sqz. Total Vol.</b> bbl		
<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>	
06/05/2019	23:59:17	-1	0.0	8.32	0.0	Started Acquisition	
06/06/2019	00:00:17	-1	0.0	8.32	0.0		
06/06/2019	00:01:17	-5	0.0	8.32	0.0		
06/06/2019	00:02:17	-5	0.0	8.32	0.0		
06/06/2019	00:03:17	-5	0.0	8.32	0.0		
06/06/2019	00:04:17	-5	0.0	8.32	0.0		
06/06/2019	00:05:17	12	0.0	8.32	0.0		
06/06/2019	00:06:17	14	0.0	8.32	0.0		
06/06/2019	00:06:27	15	0.0	8.32	0.0	Start Job	
06/06/2019	00:06:28	15	0.0	8.32	0.0	Held JSA	
06/06/2019	00:06:32	15	0.0	8.32	0.0	Start Pumping Water	
06/06/2019	00:06:39	16	0.0	8.32	0.0	Pressure Test Lines	
06/06/2019	00:07:17	19	0.0	8.32	0.0		
06/06/2019	00:08:17	24	0.0	8.32	0.0		
06/06/2019	00:09:17	31	0.0	8.32	0.0		
06/06/2019	00:10:17	60	0.0	8.32	0.0		
06/06/2019	00:11:17	277	1.1	8.32	1.0		
06/06/2019	00:12:17	544	4.0	8.33	4.2		
06/06/2019	00:13:17	209	0.0	8.36	7.1		
06/06/2019	00:14:17	715	0.0	8.36	7.1		
06/06/2019	00:15:17	1042	0.0	8.37	7.1		

Well			Field	Job Start		Customer		Job Number	
MC 3-2HZ			Wattenberg		Jun/05/2019		Anadarko		EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/06/2019	00:17:17	6663	0.0	8.37	7.1				
06/06/2019	00:18:17	6554	0.0	8.37	7.1				
06/06/2019	00:19:17	6518	0.0	8.37	7.1				
06/06/2019	00:20:17	-6	0.0	8.37	7.1				
06/06/2019	00:21:17	165	0.0	8.37	7.1				
06/06/2019	00:22:17	178	0.0	8.37	0.0				
06/06/2019	00:22:29	177	0.0	8.37	0.0	End Water			
06/06/2019	00:22:30	178	0.0	8.37	0.0	Reset Total, Vol = 7.13 bbl			
06/06/2019	00:22:34	177	0.0	8.37	0.0	Start Pumping Spacer			
06/06/2019	00:22:35	177	0.0	8.37	0.0	Biocide Added			
06/06/2019	00:23:17	178	0.0	8.37	0.0				
06/06/2019	00:24:17	179	0.0	8.37	0.0				
06/06/2019	00:25:17	178	0.0	8.36	0.0				
06/06/2019	00:26:17	178	0.0	8.36	0.0				
06/06/2019	00:27:17	179	0.0	8.36	0.0				
06/06/2019	00:28:17	179	0.0	8.36	0.0				
06/06/2019	00:29:17	360	2.1	11.05	1.6				
06/06/2019	00:30:17	502	3.3	10.84	4.8				
06/06/2019	00:31:17	401	3.2	10.53	8.1				
06/06/2019	00:32:17	454	3.3	10.75	11.3				
06/06/2019	00:33:17	456	3.3	10.75	14.6				
06/06/2019	00:34:17	447	3.3	10.75	17.8				
06/06/2019	00:35:17	574	4.3	10.73	21.6				
06/06/2019	00:36:17	464	2.1	10.73	25.6				
06/06/2019	00:37:17	553	4.3	10.78	28.6				
06/06/2019	00:38:17	738	6.3	10.77	33.7				
06/06/2019	00:39:17	785	6.3	10.56	39.9				
06/06/2019	00:40:17	773	6.0	10.80	46.1				
06/06/2019	00:41:17	734	6.3	10.84	52.3				
06/06/2019	00:42:17	720	6.3	10.86	58.7				
06/06/2019	00:43:17	767	6.3	10.84	64.9				
06/06/2019	00:44:17	695	6.3	10.78	71.1				
06/06/2019	00:45:17	87	0.6	10.77	75.8				
06/06/2019	00:46:17	58	0.0	10.77	75.9				
06/06/2019	00:46:37	59	0.0	10.82	75.9	End Spacer			
06/06/2019	00:46:39	57	0.0	10.82	75.9	Reset Total, Vol = 80.93 bbl			
06/06/2019	00:47:17	58	0.0	10.80	75.9				
06/06/2019	00:48:17	443	4.4	10.81	78.1				
06/06/2019	00:49:17	466	4.4	10.80	82.4				
06/06/2019	00:50:17	83	1.1	8.23	86.2				
06/06/2019	00:51:17	16	0.2	11.30	0.9				
06/06/2019	00:52:17	12	0.0	11.18	0.0				
06/06/2019	00:52:27	12	0.0	11.16	0.0	Drop Bottom Plug			
06/06/2019	00:53:17	10	0.0	11.16	0.0				
06/06/2019	00:54:17	9	0.0	11.16	0.0				
06/06/2019	00:55:17	9	0.0	11.16	0.0				
06/06/2019	00:56:17	9	0.0	11.17	0.0				
06/06/2019	00:57:17	9	0.0	11.17	0.0				
06/06/2019	00:58:17	9	0.0	11.17	0.0				
06/06/2019	00:59:17	320	2.6	12.22	1.2				
06/06/2019	01:00:17	554	4.3	11.80	4.6				
06/06/2019	01:01:17	629	4.3	11.84	8.9				
06/06/2019	01:01:49	956	6.2	11.86	11.6	Start Mixing Lead Slurry			
06/06/2019	01:01:51	884	6.2	11.86	11.8	Wet and Dry Samples Taken			

Well			Field	Job Start		Customer		Job Number	
MC 3-2HZ			Wattenberg		Jun/05/2019		Anadarko		EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/06/2019	01:03:17	911	6.2	11.87	20.7				
06/06/2019	01:04:17	893	6.3	11.90	27.0				
06/06/2019	01:05:17	926	6.2	11.92	33.2				
06/06/2019	01:06:17	895	6.2	11.95	39.5				
06/06/2019	01:07:17	837	6.2	11.96	45.7				
06/06/2019	01:08:17	879	6.3	11.98	51.9				
06/06/2019	01:09:17	881	6.3	12.00	58.2				
06/06/2019	01:10:17	823	6.3	12.03	64.5				
06/06/2019	01:11:17	67	1.8	12.03	68.7				
06/06/2019	01:12:17	75	2.1	11.99	70.6				
06/06/2019	01:13:17	75	2.1	12.06	72.6				
06/06/2019	01:14:17	77	1.9	12.16	74.7				
06/06/2019	01:15:17	70	1.7	12.12	76.5				
06/06/2019	01:16:17	79	2.0	12.10	78.3				
06/06/2019	01:17:17	7	0.0	12.43	79.9				
06/06/2019	01:18:17	5	0.0	12.52	79.9				
06/06/2019	01:19:17	6	0.0	12.48	79.9				
06/06/2019	01:20:17	6	0.0	12.45	79.9				
06/06/2019	01:21:17	6	0.0	12.11	79.9				
06/06/2019	01:22:17	33	0.8	12.20	79.9				
06/06/2019	01:23:17	227	4.3	11.85	83.7				
06/06/2019	01:24:17	224	4.4	11.94	88.1				
06/06/2019	01:25:17	248	4.4	11.96	92.4				
06/06/2019	01:26:17	234	4.4	11.97	96.8				
06/06/2019	01:27:17	231	4.4	11.91	101.2				
06/06/2019	01:28:17	56	1.8	11.90	104.1				
06/06/2019	01:29:17	51	1.8	11.94	105.9				
06/06/2019	01:30:17	56	1.8	11.85	107.7				
06/06/2019	01:31:17	223	4.4	11.89	111.8				
06/06/2019	01:32:17	213	4.4	11.87	116.1				
06/06/2019	01:33:17	225	4.4	11.86	120.5				
06/06/2019	01:34:17	221	4.4	11.91	124.9				
06/06/2019	01:35:17	225	4.4	11.93	129.3				
06/06/2019	01:36:17	237	4.4	12.01	133.7				
06/06/2019	01:37:17	239	4.4	12.02	138.1				
06/06/2019	01:38:17	67	1.9	11.99	141.8				
06/06/2019	01:39:17	64	1.9	11.98	143.7				
06/06/2019	01:40:17	54	1.8	11.92	145.6				
06/06/2019	01:41:17	66	2.0	11.91	147.4				
06/06/2019	01:42:17	124	3.1	11.91	150.0				
06/06/2019	01:43:17	130	3.2	11.94	153.1				
06/06/2019	01:44:17	131	3.1	11.98	156.3				
06/06/2019	01:45:17	139	3.2	12.00	159.4				
06/06/2019	01:46:17	144	3.1	12.02	162.6				
06/06/2019	01:47:17	128	3.1	11.91	165.7				
06/06/2019	01:48:17	225	4.4	11.88	169.6				
06/06/2019	01:49:17	221	4.4	11.87	174.0				
06/06/2019	01:50:17	427	6.4	11.90	180.0				
06/06/2019	01:51:17	436	6.4	11.93	186.3				
06/06/2019	01:52:17	440	6.4	11.96	192.7				
06/06/2019	01:53:17	455	6.3	12.02	199.0				
06/06/2019	01:54:17	241	4.4	12.03	203.7				
06/06/2019	01:55:17	251	4.4	12.04	208.1				
06/06/2019	01:56:17	244	4.4	12.08	212.5				

Well			Field		Job Start	Customer	Job Number
MC 3-2HZ			Wattenberg		Jun/05/2019	Anadarko	EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
06/06/2019	01:58:17	72	2.1	11.72	220.1		
06/06/2019	01:59:17	79	2.3	11.94	222.4		
06/06/2019	02:00:17	52	1.8	11.94	224.3		
06/06/2019	02:00:27	78	2.2	11.91	224.6	End Lead Slurry	
06/06/2019	02:01:17	75	2.3	11.74	226.5		
06/06/2019	02:02:17	74	2.4	11.69	228.9		
06/06/2019	02:03:17	3	0.0	12.87	230.0		
06/06/2019	02:03:29	3	0.0	12.83	230.0	Reset Total, Vol = 237.00 bbl	
06/06/2019	02:04:17	3	0.0	12.81	230.0		
06/06/2019	02:05:17	2	0.0	12.75	230.0		
06/06/2019	02:06:17	3	0.0	12.68	230.0		
06/06/2019	02:07:17	3	0.0	12.63	230.0		
06/06/2019	02:08:17	3	0.0	12.33	230.0		
06/06/2019	02:09:17	3	0.0	19.68	230.5		
06/06/2019	02:10:17	3	0.0	19.83	230.5		
06/06/2019	02:11:17	3	0.0	17.87	230.5		
06/06/2019	02:12:17	3	0.0	16.44	0.0		
06/06/2019	02:13:17	3	0.0	15.56	0.0		
06/06/2019	02:16:17	2	0.0	14.55	0.0		
06/06/2019	02:17:17	209	3.9	13.99	1.3		
06/06/2019	02:17:53	245	4.4	13.42	3.5	Start Mixing Tail Slurry	
06/06/2019	02:17:54	247	4.4	13.41	3.6	Wet and Dry Samples Taken	
06/06/2019	02:17:55	251	4.4	13.41	3.7	Good Returns	
06/06/2019	02:18:17	234	4.4	13.39	5.3		
06/06/2019	02:19:17	420	6.4	13.54	11.0		
06/06/2019	02:20:17	418	6.4	13.58	17.4		
06/06/2019	02:21:17	401	6.4	13.56	23.8		
06/06/2019	02:22:17	404	6.4	13.56	30.1		
06/06/2019	02:23:17	394	6.4	13.55	36.5		
06/06/2019	02:24:17	572	8.3	13.59	44.3		
06/06/2019	02:25:17	823	8.3	13.53	52.6		
06/06/2019	02:26:17	803	8.3	13.54	60.9		
06/06/2019	02:27:17	789	8.3	13.54	69.1		
06/06/2019	02:28:17	780	8.2	13.57	77.4		
06/06/2019	02:29:17	766	8.3	13.56	85.6		
06/06/2019	02:30:17	728	8.3	13.51	93.9		
06/06/2019	02:31:17	709	8.3	13.52	102.2		
06/06/2019	02:32:17	658	8.3	13.53	110.5		
06/06/2019	02:33:17	643	8.2	13.53	118.8		
06/06/2019	02:34:17	617	8.3	13.52	127.0		
06/06/2019	02:35:17	633	8.2	13.47	135.3		
06/06/2019	02:36:17	642	8.2	13.49	143.5		
06/06/2019	02:37:17	611	8.3	13.47	151.8		
06/06/2019	02:38:17	62	2.1	12.83	157.9		
06/06/2019	02:39:17	62	2.1	13.03	160.1		
06/06/2019	02:40:17	517	8.3	13.25	164.9		
06/06/2019	02:41:17	533	8.3	13.31	173.2		
06/06/2019	02:42:17	553	8.3	13.39	181.5		
06/06/2019	02:43:17	564	8.2	13.45	189.8		
06/06/2019	02:44:17	556	8.2	13.47	198.0		
06/06/2019	02:45:17	669	8.2	13.49	206.2		
06/06/2019	02:46:17	688	8.2	13.51	214.4		
06/06/2019	02:47:17	725	8.2	13.51	222.6		
06/06/2019	02:48:17	734	8.2	13.46	230.9		

Well			Field	Job Start		Customer		Job Number	
MC 3-2HZ			Wattenberg		Jun/05/2019		Anadarko		EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/06/2019	02:50:17	1008	8.2	13.49	247.3				
06/06/2019	02:51:17	1014	8.2	13.51	255.6				
06/06/2019	02:52:17	278	5.1	13.39	261.5				
06/06/2019	02:53:17	140	3.3	13.30	264.8				
06/06/2019	02:54:17	356	6.4	13.45	269.5				
06/06/2019	02:55:17	534	8.3	13.49	277.1				
06/06/2019	02:56:17	1042	8.2	13.44	285.4				
06/06/2019	02:57:17	1055	8.2	13.42	293.6				
06/06/2019	02:58:17	1065	8.2	13.44	301.9				
06/06/2019	02:59:17	1049	8.2	13.47	310.1				
06/06/2019	03:00:17	1075	8.2	13.48	318.3				
06/06/2019	03:01:17	1078	8.2	13.51	326.5				
06/06/2019	03:02:17	1021	8.2	13.15	334.7				
06/06/2019	03:03:17	1049	8.2	13.46	342.9				
06/06/2019	03:04:17	1074	8.2	13.49	351.1				
06/06/2019	03:05:17	1096	8.2	13.55	359.3				
06/06/2019	03:06:17	1103	8.2	13.56	367.5				
06/06/2019	03:07:17	1092	8.2	13.57	375.8				
06/06/2019	03:08:17	1103	8.2	13.56	384.0				
06/06/2019	03:09:17	1092	8.2	13.55	392.2				
06/06/2019	03:10:17	1132	8.2	13.53	400.4				
06/06/2019	03:11:17	1151	8.2	13.53	408.6				
06/06/2019	03:12:17	1133	8.2	13.54	416.8				
06/06/2019	03:13:17	1185	8.2	13.54	425.1				
06/06/2019	03:14:17	1171	8.2	13.48	433.3				
06/06/2019	03:15:17	1163	8.2	13.35	441.5				
06/06/2019	03:16:17	199	4.5	13.28	448.1				
06/06/2019	03:17:17	185	4.5	13.16	452.6				
06/06/2019	03:18:17	178	4.5	13.04	457.0				
06/06/2019	03:19:17	62	2.1	13.12	459.3				
06/06/2019	03:20:17	68	2.0	13.19	461.4				
06/06/2019	03:21:17	69	2.0	13.26	463.4				
06/06/2019	03:22:17	200	4.5	13.39	465.8				
06/06/2019	03:23:17	207	4.5	13.41	470.2				
06/06/2019	03:24:17	514	8.3	13.38	478.1				
06/06/2019	03:25:17	1192	8.2	13.33	486.3				
06/06/2019	03:26:00	1231	8.2	13.28	492.2	End Tail Slurry			
06/06/2019	03:26:17	1255	8.2	13.28	494.5				
06/06/2019	03:26:22	1233	8.2	13.28	495.2	Reset Total, Vol = 495.74 bbl			
06/06/2019	03:26:25	1254	8.2	13.28	495.6	Washup Pump and Line			
06/06/2019	03:27:17	8	0.0	13.37	496.4				
06/06/2019	03:28:17	9	0.0	13.37	496.4				
06/06/2019	03:29:17	9	0.0	13.37	496.4				
06/06/2019	03:30:17	9	0.0	13.37	496.4				
06/06/2019	03:31:17	9	0.0	13.37	496.4				
06/06/2019	03:32:17	10	0.0	13.36	496.4				
06/06/2019	03:33:17	145	3.6	9.41	497.3				
06/06/2019	03:34:17	114	3.7	9.37	500.9				
06/06/2019	03:35:17	110	3.7	9.26	504.6				
06/06/2019	03:36:17	52	1.7	4.64	508.2				
06/06/2019	03:37:17	109	3.6	8.36	512.5				
06/06/2019	03:38:17	100	3.6	8.38	516.1				
06/06/2019	03:39:17	107	3.5	8.34	519.6				
06/06/2019	03:40:17	-16	0.0	8.29	522.9				

Well			Field	Job Start		Customer		Job Number	
MC 3-2HZ			Wattenberg		Jun/05/2019		Anadarko		EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/06/2019	03:42:17	-2	0.0	8.34	0.0				
06/06/2019	03:43:17	-2	0.0	8.33	0.0				
06/06/2019	03:44:17	83	4.5	8.37	1.6				
06/06/2019	03:45:17	213	8.2	8.36	8.7				
06/06/2019	03:46:17	231	8.4	8.35	17.1				
06/06/2019	03:47:17	229	8.4	8.35	25.4				
06/06/2019	03:47:20	218	8.4	8.35	25.9	Drop Top Plug			
06/06/2019	03:47:22	224	8.4	8.35	26.1	Sugar in Bbls 0-20			
06/06/2019	03:48:17	1225	8.2	8.34	33.8				
06/06/2019	03:49:17	1459	8.2	8.34	42.0				
06/06/2019	03:50:17	1495	8.2	8.34	50.2				
06/06/2019	03:51:17	1548	8.2	8.34	58.4				
06/06/2019	03:52:17	1611	8.2	8.34	66.6				
06/06/2019	03:53:17	1672	8.2	8.34	74.8				
06/06/2019	03:54:17	1740	8.2	8.34	83.0				
06/06/2019	03:55:17	1815	8.2	8.34	91.2				
06/06/2019	03:56:17	1870	8.2	8.34	99.3				
06/06/2019	03:57:17	1952	8.2	8.34	107.5				
06/06/2019	03:58:17	2026	8.2	8.33	115.7				
06/06/2019	03:59:17	2101	8.2	8.34	123.9				
06/06/2019	04:00:17	2176	8.2	8.34	132.1				
06/06/2019	04:01:17	2269	8.2	8.33	140.2				
06/06/2019	04:02:17	2353	8.2	8.33	148.4				
06/06/2019	04:03:17	2439	8.2	8.33	156.5				
06/06/2019	04:04:17	2504	8.1	8.33	164.7				
06/06/2019	04:05:17	2594	8.1	8.33	172.8				
06/06/2019	04:06:17	2723	8.1	8.33	180.9				
06/06/2019	04:07:17	2778	8.1	8.34	189.1				
06/06/2019	04:08:17	2817	8.1	8.33	197.2				
06/06/2019	04:09:17	2571	7.6	8.33	204.8				
06/06/2019	04:10:17	2747	7.6	8.34	212.4				
06/06/2019	04:11:17	2700	7.6	8.34	220.0				
06/06/2019	04:12:17	2576	6.3	8.33	227.4				
06/06/2019	04:13:17	2422	6.3	8.33	233.7				
06/06/2019	04:14:17	2480	6.3	8.33	240.0				
06/06/2019	04:15:17	2444	6.3	8.33	246.3				
06/06/2019	04:16:17	2537	6.3	8.33	252.5				
06/06/2019	04:17:17	2535	6.3	8.33	258.8				
06/06/2019	04:18:17	2487	6.3	8.33	265.1				
06/06/2019	04:19:17	2574	6.3	8.33	271.4				
06/06/2019	04:20:17	2529	6.3	8.33	277.6				
06/06/2019	04:21:17	2625	6.3	8.33	283.9				
06/06/2019	04:22:17	2609	6.3	8.33	290.2				
06/06/2019	04:23:17	2669	6.3	8.33	296.5				
06/06/2019	04:24:17	2638	6.3	8.33	302.7				
06/06/2019	04:25:17	2624	6.3	8.33	309.0				
06/06/2019	04:26:17	2645	6.3	8.33	315.3				
06/06/2019	04:27:17	2653	6.3	8.33	321.6				
06/06/2019	04:28:17	2758	6.3	8.33	327.8				
06/06/2019	04:29:17	2707	6.3	8.33	334.1				
06/06/2019	04:30:17	2776	6.3	8.33	340.4				
06/06/2019	04:31:17	2741	6.3	8.33	346.6				
06/06/2019	04:32:17	2827	6.3	8.33	352.9				
06/06/2019	04:33:17	2380	4.4	8.33	357.8				

Well			Field	Job Start		Customer		Job Number	
MC 3-2HZ			Wattenberg		Jun/05/2019		Anadarko		EAJ7-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
06/06/2019	04:35:17	2581	5.1	8.33	367.8				
06/06/2019	04:36:17	2594	5.1	8.33	372.9				
06/06/2019	04:37:17	2651	5.1	8.33	377.9				
06/06/2019	04:38:17	2644	5.1	8.33	383.0				
06/06/2019	04:39:17	2653	5.1	8.33	388.1				
06/06/2019	04:40:17	2683	5.1	8.33	393.1				
06/06/2019	04:41:17	2702	5.0	8.33	398.2				
06/06/2019	04:42:17	2754	5.1	8.33	403.2				
06/06/2019	04:43:17	2712	5.1	8.33	408.3				
06/06/2019	04:44:17	2750	5.1	8.33	413.4				
06/06/2019	04:45:17	2755	5.1	8.33	418.4				
06/06/2019	04:45:27	2774	5.1	8.33	419.3	5 bbls Spacer to Surface			
06/06/2019	04:46:17	2786	5.1	8.33	423.5				
06/06/2019	04:47:17	2833	5.1	8.33	428.6				
06/06/2019	04:48:17	2835	5.1	8.33	433.6				
06/06/2019	04:49:17	2733	3.2	8.33	438.5				
06/06/2019	04:50:17	2522	3.2	8.33	441.7				
06/06/2019	04:51:17	2517	3.2	8.33	444.9				
06/06/2019	04:52:17	2579	3.2	8.33	448.1				
06/06/2019	04:53:17	2362	2.2	8.33	450.3				
06/06/2019	04:54:17	2289	2.2	8.33	452.5				
06/06/2019	04:55:17	2324	2.2	8.33	454.7				
06/06/2019	04:56:17	2367	2.2	8.33	456.9				
06/06/2019	04:57:17	2334	2.2	8.33	459.1				
06/06/2019	04:58:14	2875	0.0	8.33	460.6	Bump Top Plug 2400-3000 psi			
06/06/2019	04:58:16	2944	0.0	8.33	460.6	End Displacement			
06/06/2019	04:58:17	2969	0.0	8.33	460.6	Start 15 min, 3000 psi Casing Test			
06/06/2019	04:58:56	2909	0.0	8.33	460.6	Reset Total, Vol = 458.00 bbl			
06/06/2019	04:59:17	2993	0.0	8.33	460.6				
06/06/2019	05:00:17	2968	0.0	8.33	460.6				
06/06/2019	05:01:17	2988	0.0	8.33	460.6				
06/06/2019	05:02:17	3026	0.0	8.33	460.6				
06/06/2019	05:03:17	3041	0.0	8.33	460.6				
06/06/2019	05:04:17	3054	0.0	8.33	460.6				
06/06/2019	05:05:17	3074	0.0	8.34	460.6				
06/06/2019	05:06:17	3093	0.0	8.33	460.6				
06/06/2019	05:07:17	3109	0.0	8.34	460.6				
06/06/2019	05:08:17	3126	0.0	8.33	460.6				
06/06/2019	05:09:17	3143	0.0	8.33	460.6				
06/06/2019	05:10:17	3159	0.0	8.34	460.6				
06/06/2019	05:11:17	3176	0.0	8.34	460.6				
06/06/2019	05:12:17	3192	0.0	8.33	460.6				
06/06/2019	05:13:17	3207	0.0	8.34	460.6				
06/06/2019	05:14:17	3222	0.0	8.34	460.6				
06/06/2019	05:15:17	3238	0.0	8.34	460.6				
06/06/2019	05:16:17	3252	0.0	8.34	460.6				
06/06/2019	05:17:17	3267	0.0	8.34	460.6				
06/06/2019	05:18:17	3686	1.7	8.33	0.5				
06/06/2019	05:19:13	3065	1.6	8.33	2.0	Tool Shift, 4500 psi			
06/06/2019	05:19:17	2878	1.6	8.33	2.1				
06/06/2019	05:19:24	2731	2.1	8.33	2.3	3.5 Bbl Wet Shoe			
06/06/2019	05:20:17	2379	2.2	8.33	4.2				
06/06/2019	05:21:17	2077	0.0	8.33	5.6				
06/06/2019	05:21:41	1054	0.0	8.33	5.6	Floats Hold, 3.25 bbls Back			



<b>Well</b> MC 3-2HZ	<b>Field</b> Wattenberg	<b>Job Start</b> Jun/05/2019	<b>Customer</b> Anadarko	<b>Job Number</b> EAJ7-00457
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 6.4	N2	Mud 0.0	Maximum Rate 18.7		Total Slurry 632.0	Mud 0.0	Spacer 80.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 4532	Final -7	Average 1609	Bump Plug to 3000	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 728.0 bbl		Displacement 458.0 bbl		Mix Water Temp 72 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative James Adkins				Schlumberger Supervisor Ryan Drilling/Colby Dravis				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-