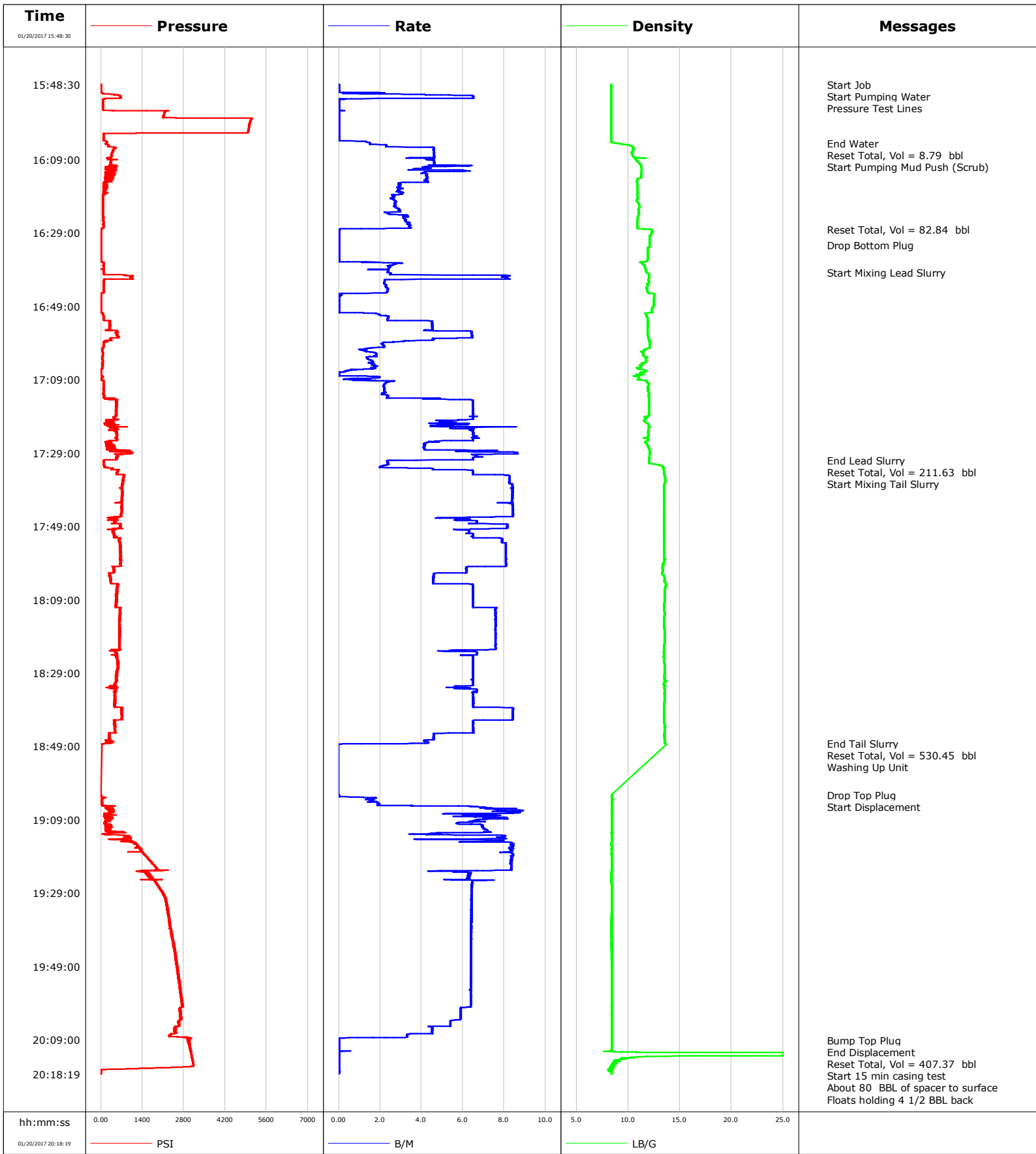


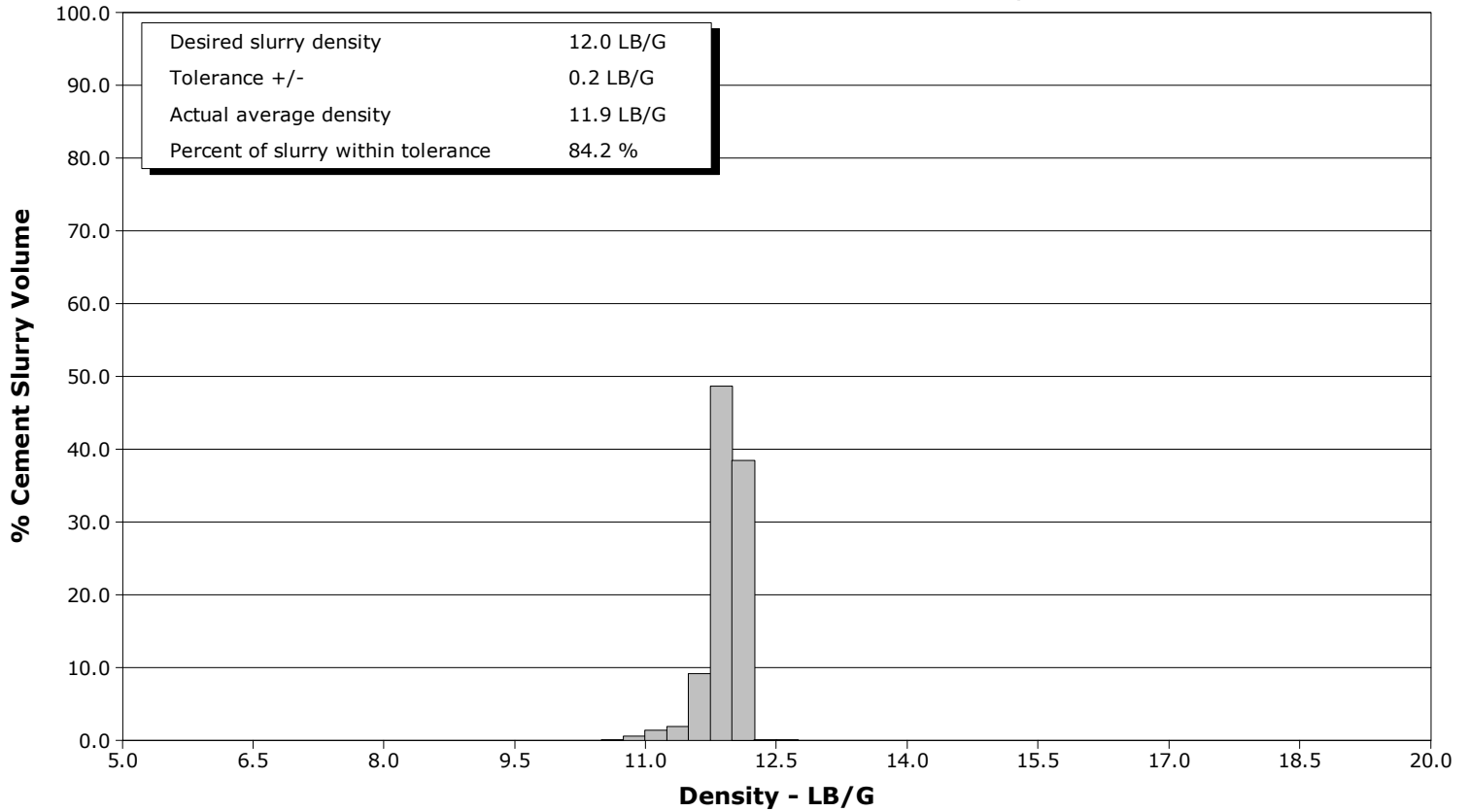
<b>Well</b>	JZM3N-W3HZ	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	CSS9-00128
<b>Engineer</b>	Anthony Fowler	<b>Job Type</b>	5 1/2Mono
<b>Country</b>	United States	<b>Job Date</b>	01-20-2017



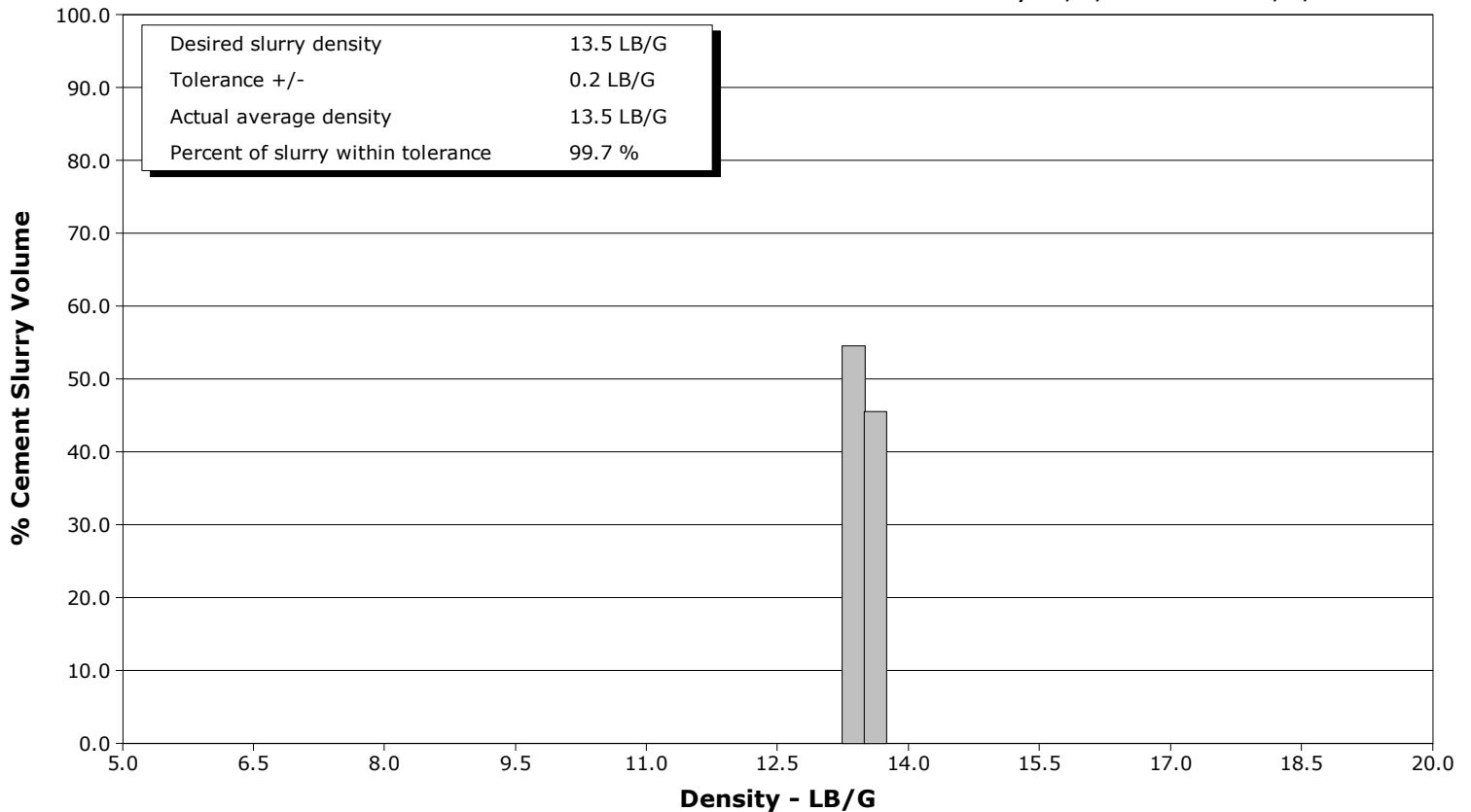
**Well** JZM3N-W3HZ  
**Field** Wattenberg  
**Engineer** Anthony Fowler  
**Country** United States

**Client** Anadarko  
**SIR No.** CSS9-00128  
**Job Type** 5 1/2Mono  
**Job Date** 01-20-2017

**Lead Slurry - 01/20/2017 16:39:54 to 01/20/2017 17:31:03**



**Tail Slurry - 01/20/2017 17:34:05 to 01/20/2017 18:48:10**



				Customer			Job Number			
				Anadarko			CSS9-00128			
Well		Location (legal)			Schlumberger Location			Job Start		
JZM3N-W3HZ								Jan/20/2017		
Field		Formation Name/Type			Deviation	Bit Size		Well MD	Well TVD	
Wattenberg					deg	in		17648.0 ft	ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado			psi	degF	degF	lb/gal		
Well Master		API/UWI								
Rig Name	Drilled For		Service Via		Casing/Liner					
Sidewinder #105	Gas		Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		17638.0	5.5	17.0		8RD	
	Old				0.0	0.0	0.0			
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
		lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	5 1/2Mono									
Max. Allowed Tub. Press	Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole					
psi	psi		Double Cement head		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth				
Casing		407.0 bbl				ft				
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.				
bbl		bbl		bbl		bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		psi			Shoe Type		Squeeze Type			
Pipe Rotated		Pipe Reciprocated			Shoe Depth		Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>			ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth			
		1	1				ft			
Cement Head Type				Stage Tool Depth			Tail Pipe Size			
Double				ft			in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth		
Jan/20/2017		Jan/20/2017		Jan/20/2017				ft		
						Collar Depth		Sqz. Total Vol.		
						ft		bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/20/2017	15:48:30	6	0.0	8.38	0.0	Started Acquisition				
01/20/2017	15:48:31	7	0.0	8.38	0.0	Start Job				
01/20/2017	15:48:36	7	0.0	8.38	0.0	Start Pumping Water				
01/20/2017	15:48:39	7	0.0	8.38	0.0	Pressure Test Lines				
01/20/2017	15:51:10	279	2.6	8.38	0.6					
01/20/2017	15:53:50	76	0.0	8.38	0.0					
01/20/2017	15:56:30	2134	0.0	8.38	0.0					
01/20/2017	15:59:10	5029	0.0	8.38	0.0					
01/20/2017	16:01:50	1197	0.0	8.38	0.0					
01/20/2017	16:04:30	181	1.5	8.68	0.7					
01/20/2017	16:04:38	176	1.5	9.04	0.9	End Water				
01/20/2017	16:04:40	162	1.5	9.14	0.9	Reset Total, Vol = 8.79 bbl				
01/20/2017	16:04:42	163	1.5	9.19	1.0	Start Pumping Mud Push (Scrub)				
01/20/2017	16:07:10	379	4.6	10.35	10.0					
01/20/2017	16:09:50	326	4.6	11.04	22.1					
01/20/2017	16:12:30	135	4.2	11.31	34.9					
01/20/2017	16:15:10	142	4.3	10.87	46.2					
01/20/2017	16:17:50	85	2.9	10.95	54.2					
01/20/2017	16:20:30	71	2.8	10.86	61.5					
01/20/2017	16:23:10	71	3.0	11.00	69.0					
01/20/2017	16:25:50	82	3.2	10.90	77.0					

Well		Field		Job Start		Customer		Job Number	
JZM3N-W3HZ		Wattenberg		Jan/20/2017		Anadarko		CSS9-00128	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/20/2017	16:28:30	13	0.0	12.31	83.8				
01/20/2017	16:31:10	11	0.0	12.04	83.8				
01/20/2017	16:32:17	11	0.0	12.05	83.8	Drop Bottom Plug			
01/20/2017	16:33:50	8	0.0	11.89	0.0				
01/20/2017	16:36:30	4	0.0	11.84	0.0				
01/20/2017	16:39:10	95	2.4	11.70	5.4				
01/20/2017	16:39:54	96	2.5	11.86	7.1	Start Mixing Lead Slurry			
01/20/2017	16:41:50	101	2.2	11.98	18.4				
01/20/2017	16:44:30	93	2.4	11.82	24.5				
01/20/2017	16:47:10	7	0.0	12.50	26.8				
01/20/2017	16:49:50	7	0.0	12.30	26.8				
01/20/2017	16:52:30	97	2.4	11.86	30.5				
01/20/2017	16:55:10	301	4.5	11.88	41.6				
01/20/2017	16:57:50	323	4.6	11.97	57.4				
01/20/2017	17:00:30	52	1.4	11.92	64.6				
01/20/2017	17:03:10	40	1.4	11.74	68.7				
01/20/2017	17:05:50	48	1.8	10.89	73.0				
01/20/2017	17:08:30	49	1.9	11.02	74.9				
01/20/2017	17:11:10	90	2.2	11.89	79.9				
01/20/2017	17:13:50	110	2.3	11.99	85.8				
01/20/2017	17:16:30	523	6.5	12.02	101.4				
01/20/2017	17:19:10	426	6.5	11.60	118.7				
01/20/2017	17:21:50	329	5.1	12.01	133.7				
01/20/2017	17:24:30	524	6.6	11.89	151.0				
01/20/2017	17:27:10	297	4.1	11.92	165.1				
01/20/2017	17:29:50	543	6.7	12.06	181.2				
01/20/2017	17:31:03	97	2.5	12.02	188.7	End Lead Slurry			
01/20/2017	17:32:16	94	2.3	12.93	191.6	Reset Total, Vol = 211.63 bbl			
01/20/2017	17:32:30	116	2.1	13.21	192.1				
01/20/2017	17:34:05	541	6.5	13.47	6.2	Start Mixing Tail Slurry			
01/20/2017	17:35:10	771	8.2	13.52	13.6				
01/20/2017	17:37:50	724	8.4	13.48	35.7				
01/20/2017	17:40:30	720	8.4	13.48	58.1				
01/20/2017	17:43:10	706	8.4	13.47	80.4				
01/20/2017	17:48:30	652	8.1	13.46	121.2				
01/20/2017	17:51:10	453	6.5	13.45	140.2				
01/20/2017	17:53:50	643	8.1	13.48	159.9				
01/20/2017	17:56:30	660	8.1	13.51	181.4				
01/20/2017	17:59:10	660	8.1	13.37	203.0				
01/20/2017	18:01:50	274	4.6	13.30	220.8				
01/20/2017	18:04:30	336	4.6	13.62	233.0				
01/20/2017	18:07:10	534	6.5	13.54	249.9				
01/20/2017	18:09:50	513	6.5	13.52	267.2				
01/20/2017	18:12:30	653	7.6	13.52	286.0				
01/20/2017	18:15:10	633	7.6	13.47	306.2				
01/20/2017	18:17:50	617	7.6	13.54	326.4				
01/20/2017	18:20:30	631	7.6	13.54	346.6				
01/20/2017	18:23:10	496	6.6	13.43	366.0				
01/20/2017	18:25:50	558	6.5	13.50	383.4				
01/20/2017	18:28:30	540	6.5	13.54	400.7				
01/20/2017	18:31:10	551	6.5	13.67	418.0				
01/20/2017	18:33:50	502	6.7	13.56	434.9				
01/20/2017	18:36:30	495	6.5	13.53	452.3				
01/20/2017	18:39:10	716	8.4	13.48	471.1				

Well		Field		Job Start		Customer		Job Number	
JZM3N-W3HZ		Wattenberg		Jan/20/2017		Anadarko		CSS9-00128	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/20/2017	18:44:30	480	6.5	13.54	510.8				
01/20/2017	18:47:10	280	4.6	13.53	524.8				
01/20/2017	18:48:10	320	4.0	13.54	529.0	End Tail Slurry			
01/20/2017	18:48:20	41	0.6	13.68	529.5	Reset Total, Vol = 530.45 bbl			
01/20/2017	19:02:20	7	0.0	8.40	0.1	Drop Top Plug			
01/20/2017	19:02:48	15	0.6	8.40	0.1	Start Displacement			
01/20/2017	19:03:10	70	1.7	8.40	0.6				
01/20/2017	19:05:50	400	7.0	8.42	8.4				
01/20/2017	19:08:30	338	7.9	8.41	28.2				
01/20/2017	19:11:10	373	7.0	8.40	46.2				
01/20/2017	19:13:50	990	7.7	8.40	63.9				
01/20/2017	19:16:30	1289	8.3	8.40	84.8				
01/20/2017	19:19:10	1558	8.4	8.40	107.0				
01/20/2017	19:21:50	1839	8.4	8.40	129.3				
01/20/2017	19:24:30	1699	6.3	8.40	147.8				
01/20/2017	19:27:10	1951	6.4	8.40	164.8				
01/20/2017	19:29:50	2154	6.4	8.40	182.0				
01/20/2017	19:32:30	2253	6.4	8.40	199.1				
01/20/2017	19:35:10	2282	6.4	8.40	216.2				
01/20/2017	19:37:50	2328	6.4	8.40	233.3				
01/20/2017	19:40:30	2383	6.4	8.40	250.4				
01/20/2017	19:43:10	2455	6.4	8.40	267.5				
01/20/2017	19:45:50	2504	6.4	8.40	284.5				
01/20/2017	19:48:30	2552	6.4	8.40	301.6				
01/20/2017	19:51:10	2612	6.4	8.40	318.6				
01/20/2017	19:53:50	2665	6.4	8.40	335.7				
01/20/2017	19:56:30	2707	6.4	8.40	352.7				
01/20/2017	19:59:10	2762	6.4	8.40	369.7				
01/20/2017	20:01:50	2698	5.9	8.40	385.9				
01/20/2017	20:04:30	2642	5.4	8.40	401.2				
01/20/2017	20:07:10	2513	4.5	8.40	414.0				
01/20/2017	20:09:07	2933	0.0	8.40	418.4	Bump Top Plug			
01/20/2017	20:09:08	3025	0.0	8.40	418.4	End Displacement			
01/20/2017	20:09:10	2983	0.0	8.40	418.4	Reset Total, Vol = 407.37 bbl			
01/20/2017	20:09:13	2933	0.0	8.40	418.4	Start 15 min casing test			
01/20/2017	20:09:14	2932	0.0	8.40	418.4	About 80 BBL of spacer to surface			
01/20/2017	20:09:50	2955	0.0	8.40	418.4				
01/20/2017	20:12:30	3041	0.0	25.00	418.4				
01/20/2017	20:15:10	3107	0.0	8.98	418.4				
01/20/2017	20:17:47	-1	0.0	8.42	418.4	Floats holding 4 1/2 BBL back			
01/20/2017	20:17:50	0	0.0	8.45	418.4				

<b>Well</b> JZM3N-W3HZ	<b>Field</b> Wattenberg	<b>Job Start</b> Jan/20/2017	<b>Customer</b> Anadarko	<b>Job Number</b> CSS9-00128
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 5.6	<b>N2</b>	<b>Mud</b> 5.6	<b>Maximum Rate</b> 14.5	<b>Total Slurry</b> 723.0	<b>Mud</b> 0.0	<b>Spacer</b> 82.0	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 5108	<b>Final</b> 1	<b>Average</b> 888	<b>Bump Plug to</b>	<b>Breakdown</b>	<b>Type</b>	<b>Volume</b> bbl	<b>Density</b> lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 0.1 bbl	<b>Displacement</b> 407.0 bbl	<b>Mix Water Temp</b> degF	<b>Cement Circulated to Surface?</b> <input type="checkbox"/>	<b>Volume</b> bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b>			<b>Schlumberger Supervisor</b> Anthony Fowler		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		