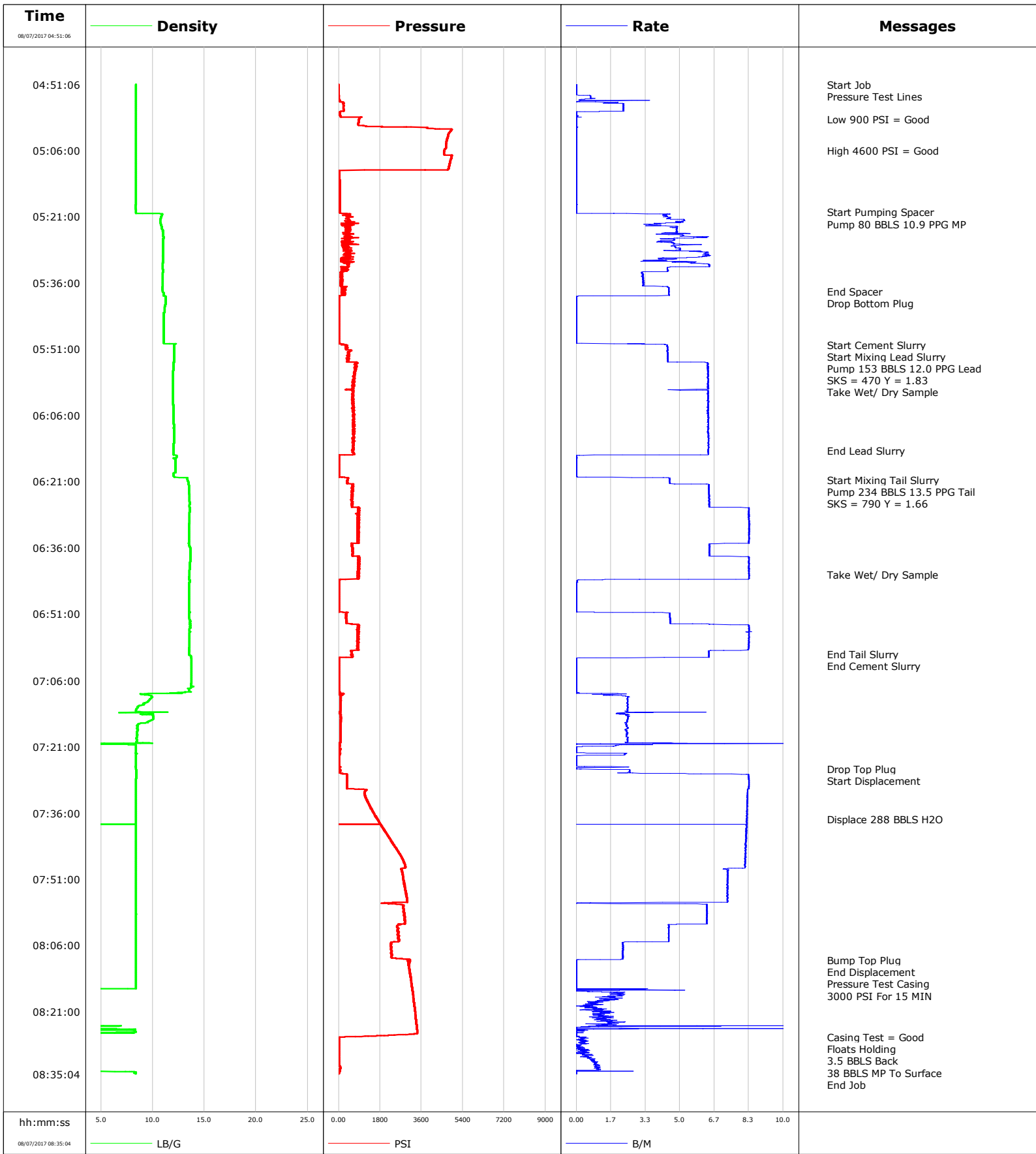


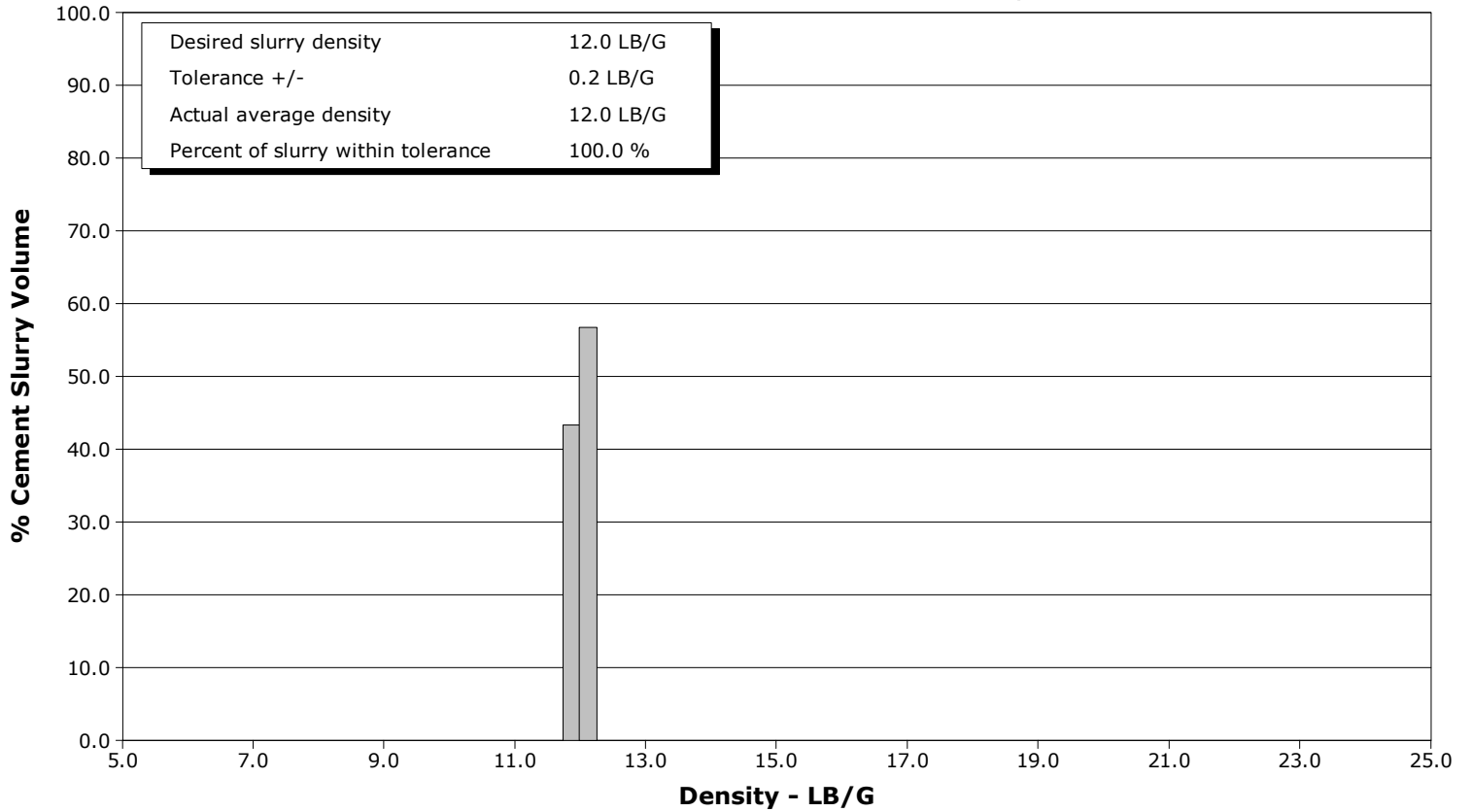
<b>Well</b>	Cannon	<b>Client</b>	Anadarko
<b>Field</b>	Wattenberg	<b>SIR No.</b>	2552229
<b>Engineer</b>	Conley Jensen/ Sheldon Bell	<b>Job Type</b>	5.5" Monobore
<b>Country</b>	United States	<b>Job Date</b>	08-07-2017



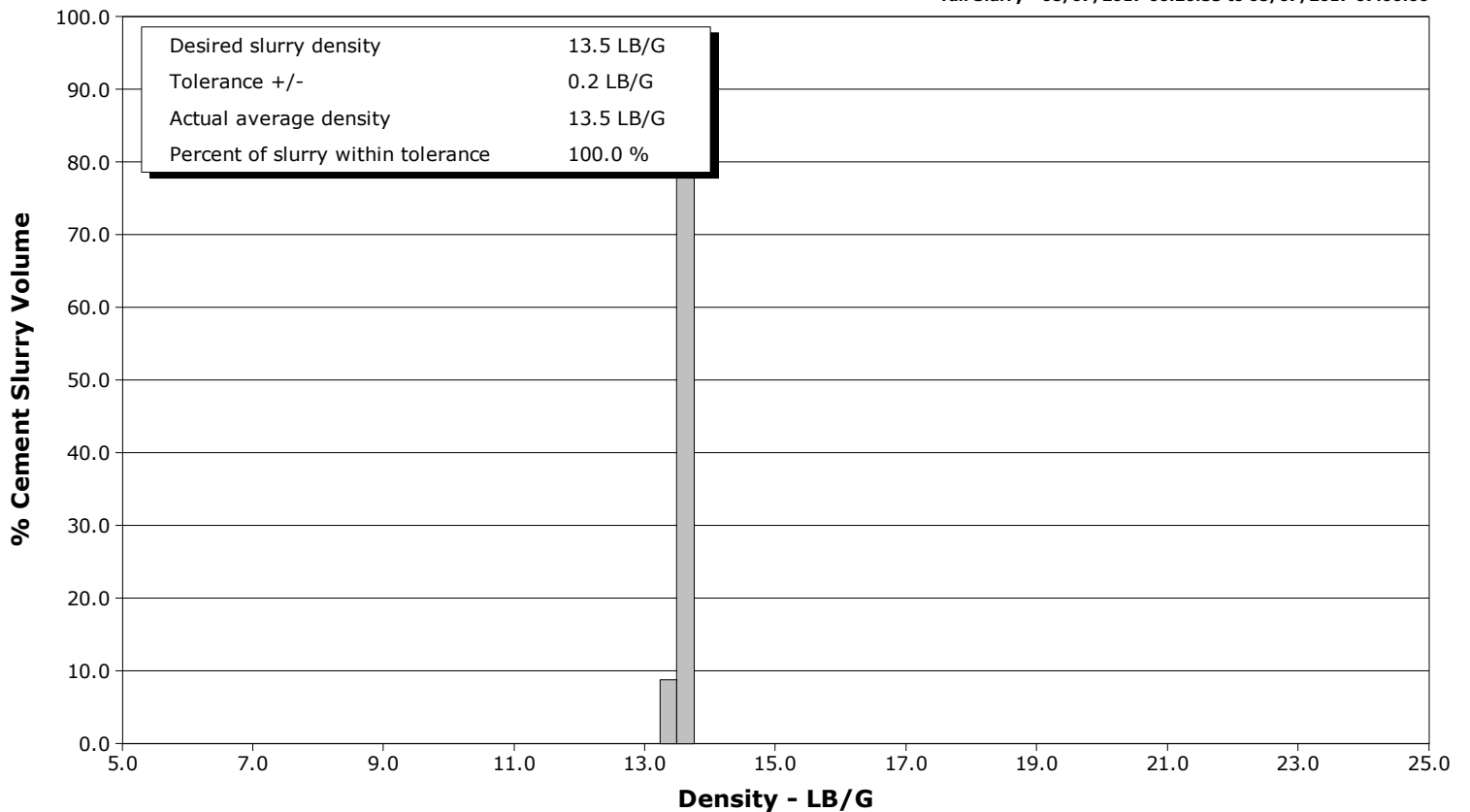
**Well** Cannon  
**Field** Wattenberg  
**Engineer** Conley Jensen/ Sheldon Bell  
**Country** United States

**Client** Anadarko  
**SIR No.** 2552229  
**Job Type** 5.5" Monobore  
**Job Date** 08-07-2017

**Lead Slurry - 08/07/2017 05:50:01 to 08/07/2017 06:14:00**



**Tail Slurry - 08/07/2017 06:20:33 to 08/07/2017 07:00:00**



				Customer			Job Number		
				Anadarko			2552229		
Well		Location (legal)			Schlumberger Location		Job Start		
Cannon 2N-4HZ					CWY		Aug/07/2017		
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenberg		Shale		deg	7.9 in	13066.0 ft	6987.0 ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Juneau		Colorado		psi	221 degF	217 degF	lb/gal		
Well Master		API/UWI							
0631719752		05123447950000							
Rig Name	Drilled For	Service Via		Casing/Liner					
Precision 564	Oil	Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type		1895.0	9.6	36.0	J55	8RD	
	New	Development		13066.0	5.5	20.0	P110	8RD	
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	5.5" Monobore								
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 Perform 5.5" Monobore Per Proposal Design.				ft	ft			ft	
				ft	ft			Diameter	
				ft	ft			in	
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		288.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		290.0 bbl		436.0 bbl		758.0 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			
				Float					
Pipe Rotated		Pipe Reciprocated		Shoe Depth		Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>		13066.0 ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth		ft	
		1	1						
Cement Head Type		Double		Stage Tool Depth		Tail Pipe Size		in	
				ft					
Job Scheduled For		Arrived on Location	Leave Location		Collar Type		Tail Pipe Depth		ft
Aug/07/2017 01:30		Aug/07/2017 01:30	Aug/07/2017 10:00		Float				
				Collar Depth		Sqz. Total Vol.		bbl	
				12975.0 ft					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/07/2017	04:51:06	-3	0.0	8.36	0.0	Started Acquisition			
08/07/2017	04:51:07	-3	0.0	8.37	0.0	Start Job			
08/07/2017	04:52:36	-3	0.0	8.36	0.0				
08/07/2017	04:53:00	-4	0.0	8.36	0.0	Pressure Test Lines			
08/07/2017	04:54:06	0	0.7	8.36	0.4				
08/07/2017	04:55:36	208	2.3	8.36	2.0				
08/07/2017	04:57:06	226	2.3	8.36	5.4				
08/07/2017	04:58:36	938	0.0	8.36	5.8				
08/07/2017	04:59:00	884	0.0	8.36	5.8	Low 900 PSI = Good			
08/07/2017	05:00:06	856	0.0	8.36	5.8				
08/07/2017	05:01:36	4882	0.0	8.36	5.8				
08/07/2017	05:03:06	4737	0.0	8.36	5.8				
08/07/2017	05:04:36	4671	0.0	8.36	5.8				
08/07/2017	05:06:00	4597	0.0	8.36	5.8	High 4600 PSI = Good			
08/07/2017	05:06:06	4591	0.0	8.36	5.8				
08/07/2017	05:07:36	4903	0.0	8.36	5.8				
08/07/2017	05:09:06	4821	0.0	8.36	5.8				
08/07/2017	05:10:36	3	0.0	8.36	5.8				
08/07/2017	05:12:06	41	0.0	8.36	0.0				
08/07/2017	05:13:36	45	0.0	8.36	0.0				
08/07/2017	05:15:06	51	0.0	8.36	0.0				

Well		Field		Job Start		Customer		Job Number	
Cannon 2N-4HZ		Wattenberg		Aug/07/2017		Anadarko		2552229	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/07/2017	05:18:06	60	0.0	8.36	0.0				
08/07/2017	05:19:36	62	0.0	8.36	0.0				
08/07/2017	05:20:00	64	0.0	8.36	0.0	Start Pumping Spacer			
08/07/2017	05:21:06	420	4.2	10.82	3.2				
08/07/2017	05:21:18	401	4.5	10.79	4.1	Pump 80 BBLs 10.9 PPG MP			
08/07/2017	05:22:36	872	3.8	10.76	10.4				
08/07/2017	05:24:06	379	4.8	10.98	17.0				
08/07/2017	05:25:36	499	6.3	11.03	24.3				
08/07/2017	05:27:06	370	4.7	11.01	31.5				
08/07/2017	05:28:36	318	5.0	11.01	39.0				
08/07/2017	05:30:06	441	6.1	10.98	48.0				
08/07/2017	05:31:36	261	5.6	10.98	55.0				
08/07/2017	05:33:06	117	4.4	10.98	63.2				
08/07/2017	05:34:36	100	3.2	10.94	68.5				
08/07/2017	05:36:06	170	3.2	10.94	73.4				
08/07/2017	05:37:36	201	4.5	10.93	79.2				
08/07/2017	05:38:00	148	4.5	10.95	81.0	End Spacer			
08/07/2017	05:39:06	8	0.0	11.24	85.4				
08/07/2017	05:40:00	7	0.0	11.23	85.4	Drop Bottom Plug			
08/07/2017	05:40:36	7	0.0	11.23	85.4				
08/07/2017	05:42:06	7	0.0	11.17	85.4				
08/07/2017	05:43:36	7	0.0	11.04	85.4				
08/07/2017	05:45:06	7	0.0	11.04	85.4				
08/07/2017	05:46:36	7	0.0	11.04	85.4				
08/07/2017	05:48:06	6	0.0	11.04	85.4				
08/07/2017	05:49:36	7	0.0	11.04	85.4				
08/07/2017	05:50:00	118	4.3	12.06	86.1	Start Cement Slurry			
08/07/2017	05:50:01	204	4.3	12.06	86.2	Start Mixing Lead Slurry			
08/07/2017	05:51:06	393	4.4	12.07	90.9				
08/07/2017	05:51:07	393	4.4	12.07	91.0	Pump 153 BBLs 12.0 PPG Lead			
08/07/2017	05:51:22	556	4.4	12.07	92.1	SKS = 470 Y = 1.83			
08/07/2017	05:52:36	414	4.4	12.07	97.5				
08/07/2017	05:54:06	716	6.3	12.03	104.3				
08/07/2017	05:54:28	768	6.4	12.02	106.7	Take Wet/ Dry Sample			
08/07/2017	05:55:36	721	6.3	11.99	113.9				
08/07/2017	05:57:06	680	6.4	11.98	123.4				
08/07/2017	05:58:36	695	6.4	11.97	133.0				
08/07/2017	06:00:06	613	6.4	11.97	142.5				
08/07/2017	06:01:36	591	6.4	11.96	151.8				
08/07/2017	06:03:06	659	6.4	11.97	161.3				
08/07/2017	06:04:36	646	6.4	12.00	170.9				
08/07/2017	06:06:06	675	6.4	12.01	180.4				
08/07/2017	06:07:36	676	6.3	12.00	190.0				
08/07/2017	06:09:06	690	6.4	12.05	199.5				
08/07/2017	06:10:36	633	6.4	12.06	209.1				
08/07/2017	06:12:06	623	6.4	12.06	218.7				
08/07/2017	06:13:36	607	6.4	11.99	228.2				
08/07/2017	06:14:00	606	6.4	11.99	230.8	End Lead Slurry			
08/07/2017	06:15:06	6	0.0	12.29	237.2				
08/07/2017	06:16:36	10	0.0	12.19	0.0				
08/07/2017	06:18:06	10	0.0	12.20	0.0				
08/07/2017	06:19:36	9	0.0	12.02	0.0				
08/07/2017	06:20:33	382	4.5	13.35	2.1	Start Mixing Tail Slurry			
08/07/2017	06:21:06	372	4.5	13.43	4.6				

Well Cannon 2N-4HZ			Field Wattenberg		Job Start Aug/07/2017	Customer Anadarko		Job Number 2552229
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
08/07/2017	06:21:37	639	6.4	13.45	7.0	SKS = 790 Y = 1.66		
08/07/2017	06:22:36	595	6.4	13.50	13.3			
08/07/2017	06:24:06	546	6.4	13.53	22.9			
08/07/2017	06:25:36	604	6.4	13.56	32.5			
08/07/2017	06:27:06	913	8.3	13.57	42.6			
08/07/2017	06:28:36	903	8.3	13.55	55.1			
08/07/2017	06:30:06	833	8.4	13.52	67.6			
08/07/2017	06:31:36	878	8.4	13.50	80.2			
08/07/2017	06:33:06	874	8.3	13.51	92.7			
08/07/2017	06:34:36	817	8.3	13.50	105.2			
08/07/2017	06:36:06	598	6.4	13.62	115.7			
08/07/2017	06:37:36	615	6.4	13.64	125.3			
08/07/2017	06:39:06	903	8.3	13.62	137.2			
08/07/2017	06:40:36	889	8.3	13.58	149.7			
08/07/2017	06:42:06	855	8.3	13.53	162.2			
08/07/2017	06:42:09	838	8.3	13.53	162.6	Take Wet/ Dry Sample		
08/07/2017	06:43:36	5	0.0	13.61	171.0			
08/07/2017	06:45:06	6	0.0	13.51	171.1			
08/07/2017	06:46:36	7	0.0	13.51	171.1			
08/07/2017	06:48:06	6	0.0	13.51	171.1			
08/07/2017	06:49:36	7	0.0	13.51	171.1			
08/07/2017	06:51:06	316	4.5	13.51	173.2			
08/07/2017	06:52:36	327	4.6	13.63	180.0			
08/07/2017	06:54:06	851	8.3	13.62	189.8			
08/07/2017	06:55:36	803	8.3	13.55	202.3			
08/07/2017	06:57:06	853	8.3	13.54	214.9			
08/07/2017	06:58:36	865	8.3	13.52	227.3			
08/07/2017	07:00:00	581	6.4	13.51	237.5	End Tail Slurry		
08/07/2017	07:00:06	597	6.4	13.51	238.1			
08/07/2017	07:01:36	16	0.0	13.75	243.1			
08/07/2017	07:03:06	15	0.0	13.74	243.1			
08/07/2017	07:04:36	15	0.0	13.74	243.1			
08/07/2017	07:06:06	14	0.0	13.74	243.1			
08/07/2017	07:07:36	14	0.0	13.68	243.1			
08/07/2017	07:09:06	132	2.2	8.81	243.4			
08/07/2017	07:10:36	80	2.5	9.61	246.8			
08/07/2017	07:12:06	77	2.5	8.54	250.5			
08/07/2017	07:13:36	70	2.3	9.54	254.2			
08/07/2017	07:15:06	90	2.5	9.80	257.9			
08/07/2017	07:16:36	74	2.5	8.54	261.5			
08/07/2017	07:18:06	68	2.4	8.49	265.2			
08/07/2017	07:19:36	75	2.5	8.46	268.9			
08/07/2017	07:21:06	7	0.0	8.36	272.5			
08/07/2017	07:22:36	63	2.4	8.44	272.9			
08/07/2017	07:24:06	8	0.0	8.37	273.7			
08/07/2017	07:25:36	81	2.5	8.37	273.8			
08/07/2017	07:26:00	28	0.0	8.37	274.1	Drop Top Plug		
08/07/2017	07:27:06	151	5.0	8.42	276.7			
08/07/2017	07:28:36	360	8.3	8.39	11.4			
08/07/2017	07:30:06	362	8.3	8.38	23.9			
08/07/2017	07:31:36	1116	8.3	8.37	36.3			
08/07/2017	07:33:06	1231	8.3	8.36	48.7			
08/07/2017	07:34:36	1372	8.2	8.36	61.1			
08/07/2017	07:36:06	1527	8.2	8.36	73.4			

Well		Field		Job Start		Customer		Job Number	
Cannon 2N-4HZ		Wattenberg		Aug/07/2017		Anadarko		2552229	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
08/07/2017	07:37:36	1719	8.2	8.36	85.8				
08/07/2017	07:39:06	1878	8.2	8.37	98.1				
08/07/2017	07:40:36	2076	8.2	8.37	110.4				
08/07/2017	07:42:06	2258	8.2	8.37	122.7				
08/07/2017	07:43:36	2454	8.2	8.36	135.0				
08/07/2017	07:45:06	2640	8.2	8.36	147.3				
08/07/2017	07:46:36	2790	8.2	8.36	159.5				
08/07/2017	07:48:06	2883	8.2	8.36	171.7				
08/07/2017	07:49:36	2778	7.3	8.36	183.0				
08/07/2017	07:51:06	2820	7.3	8.36	194.0				
08/07/2017	07:52:36	2868	7.3	8.36	204.9				
08/07/2017	07:54:06	2938	7.3	8.37	215.9				
08/07/2017	07:55:36	2966	7.3	8.37	226.8				
08/07/2017	07:57:06	2814	6.3	8.37	235.4				
08/07/2017	07:58:36	2856	6.3	8.36	244.9				
08/07/2017	08:00:06	2850	6.3	8.36	254.3				
08/07/2017	08:01:36	2538	4.5	8.36	263.0				
08/07/2017	08:03:06	2592	4.5	8.36	269.7				
08/07/2017	08:04:36	2640	4.5	8.36	276.4				
08/07/2017	08:06:06	2252	2.2	8.36	281.1				
08/07/2017	08:07:36	2283	2.2	8.36	284.5				
08/07/2017	08:09:06	2952	2.2	8.36	287.8				
08/07/2017	08:09:19	2993	0.0	8.36	288.0	Bump Top Plug			
08/07/2017	08:09:20	2993	0.0	8.36	288.0	End Displacement			
08/07/2017	08:09:28	3023	0.0	8.36	288.0	Pressure Test Casing			
08/07/2017	08:09:29	3119	0.0	8.36	288.0	3000 PSI For 15 MIN			
08/07/2017	08:10:36	3037	0.0	8.36	288.0				
08/07/2017	08:12:06	3094	0.0	8.36	288.0				
08/07/2017	08:13:36	3139	0.0	8.36	288.0				
08/07/2017	08:15:06	3177	0.0	8.36	288.0				
08/07/2017	08:16:36	3217	2.0	0.05	289.0				
08/07/2017	08:18:06	3254	1.4	0.05	291.8				
08/07/2017	08:19:36	3289	0.8	0.04	293.3				
08/07/2017	08:21:06	3323	1.2	0.04	294.6				
08/07/2017	08:22:36	3355	1.4	0.04	296.4				
08/07/2017	08:24:06	3385	1.0	0.04	298.7				
08/07/2017	08:25:36	3414	0.0	8.37	301.5				
08/07/2017	08:26:44	178	0.4	0.06	301.6	Casing Test = Good			
08/07/2017	08:27:06	3	0.3	0.06	301.7				
08/07/2017	08:28:36	4	0.0	0.05	302.1				
08/07/2017	08:30:06	2	0.4	0.05	302.4				
08/07/2017	08:31:36	1	0.7	0.05	303.1				
08/07/2017	08:33:06	1	1.1	0.04	304.4				
08/07/2017	08:33:12	1	0.9	0.04	304.5	38 BBLs MP To Surface			
08/07/2017	08:33:14	3	1.0	0.04	304.5	End Job			

<b>Well</b> Cannon 2N-4HZ	<b>Field</b> Wattenberg	<b>Job Start</b> Aug/07/2017	<b>Customer</b> Anadarko	<b>Job Number</b> 2552229
------------------------------	----------------------------	---------------------------------	-----------------------------	------------------------------

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 4.8	<b>N2</b>	<b>Mud</b>	<b>Maximum Rate</b> 25.0	<b>Total Slurry</b> 387.0	<b>Mud</b> 0.0	<b>Spacer</b> 80.0	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 4934	<b>Final</b> 4	<b>Average</b> 1101	<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> 387.0 bbl	<b>Displacement</b> 288.0 bbl	<b>Mix Water Temp</b> 65 degF	<b>Cement Circulated to Surface?</b> <input type="checkbox"/>	<b>Volume</b> bbl	<b>To</b> ft		
				<b>Washed Thru Perfs</b> <input type="checkbox"/>				
<b>Customer or Authorized Representative</b> Jeremy Duty			<b>Schlumberger Supervisor</b> Conley Jensen/ Sheldon Bell		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input type="checkbox"/>		
					-	-		