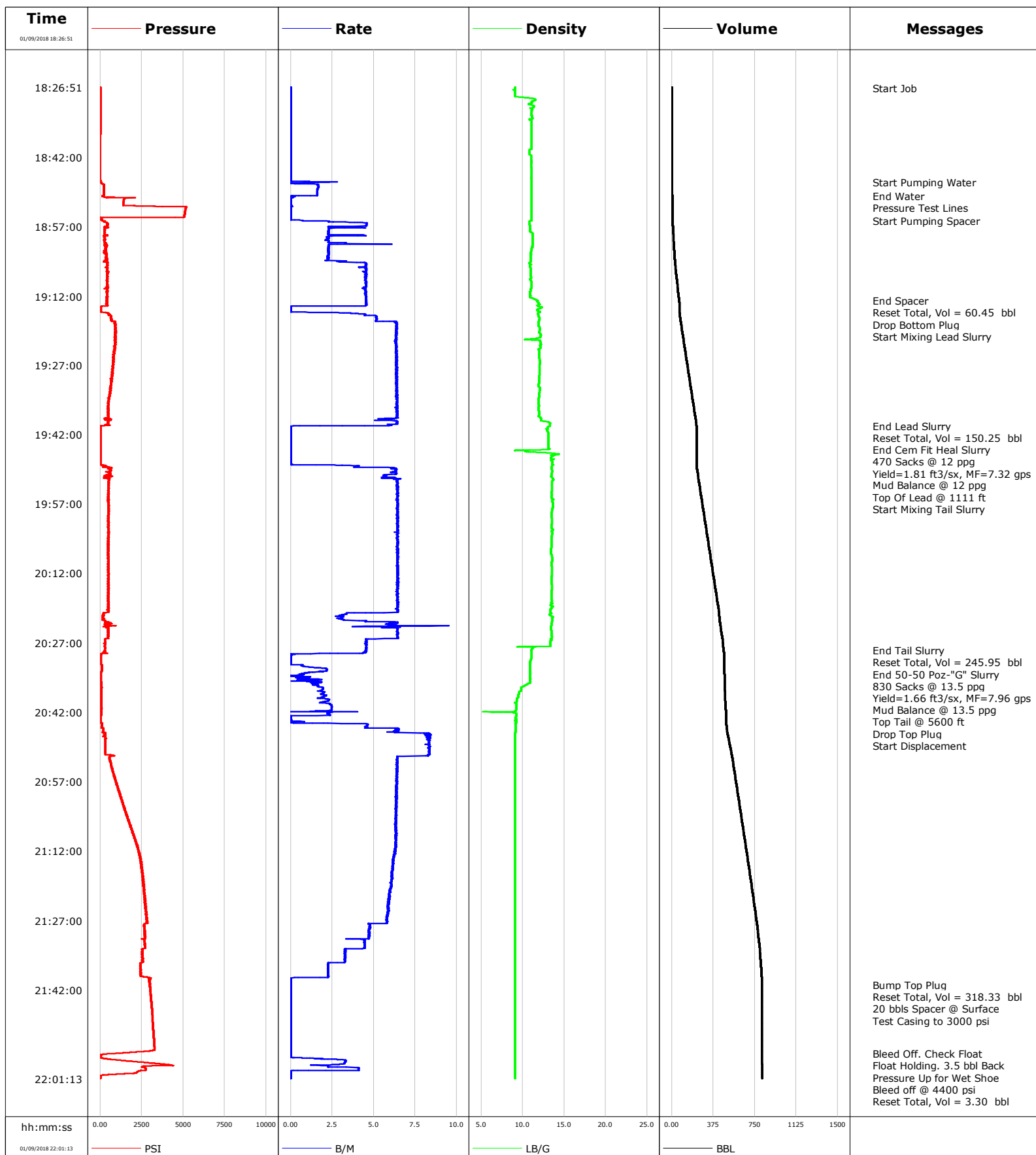


**Well** Papa Jo 2-25-28N-8HZ  
**Field** Wattenberg  
**Engineer** Wence Luste  
**Country** United States

**Client** ANADARKO PETROLEUM COMPANY (ED)  
**SIR No.** CSS9-00970  
**Job Type** 5 1/2" Production  
**Job Date** 01-09-2018



# Cementing Service Report

				Customer ANADARKO PETROLEUM COMPANY (ED)				Job Number CSS9-00970			
Well Papa Jo 2-25-28N-8HZ 0631736689			Location (legal)			Schlumberger Location			Job Start Jan/09/2018		
Field Wattenberg		Formation Name/Type		Deviation 90 deg		Bit Size 7.9 in		Well MD 13559.0 ft		Well TVD 7615.0 ft	
County WELD		State/Province Colorado		BHP psi		BHST 228 degF		BHCT 217 degF		Pore Press. Gradient lb/gal	
Well Master 0631736689		API/UWI 05123455010000									
Rig Name PD 564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner					
						Depth, ft		Size, in		Weight, lb/ft	
										Grade	
										Thread	
Offshore Zone		Well Class New		Well Type Development		1873.0		9.6		36.0	
						13549.0		5.5		0.0	
										J55	
										P110	
										8RD	
										8RD	
Drilling Fluid Type OBM		Max. Density 9.60 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 1/2" Production									
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 5 1/2" C-Head		Perforations/Open Hole					
						Top, ft		Bottom, ft		shot/ft	
										No. of Shots	
										Total Interval ft	
										Diameter in	
						Treat Down Casing		Displacement 315.0 bbl		Packer Type	
										Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. 315.0 bbl		Annular Vol. 450.0 bbl	
										Openhole Vol. 797.0 bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input type="checkbox"/>				Casing Tools				Squeeze Job	
Lift Pressure 9000 psi						Shoe Type Float				Squeeze Type	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 13549.0 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 Jan/09/2018 18:47		Arrived on Location Jan/09/2018 15:30		Leave Location Jan/09/2018		Collar Type Float				Tail Pipe Depth ft	
						Collar Depth 13545.0 ft				Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message					
01/09/2018	18:26:51	1	0.0	9.09	1.1	Started Acquisition					
01/09/2018	18:27:01	1	0.0	9.09	1.1	Start Job					
01/09/2018	18:27:36	1	0.0	9.05	1.1						
01/09/2018	18:28:21	1	0.0	9.08	1.1						
01/09/2018	18:29:06	1	0.0	10.22	0.0						
01/09/2018	18:29:51	1	0.0	11.30	0.0						
01/09/2018	18:30:36	1	0.0	10.79	0.0						
01/09/2018	18:31:21	1	0.0	11.02	0.0						
01/09/2018	18:32:06	1	0.0	11.11	0.0						
01/09/2018	18:32:51	1	0.0	10.99	0.0						
01/09/2018	18:33:36	1	0.0	11.17	0.0						
01/09/2018	18:34:21	1	0.0	11.09	0.0						
01/09/2018	18:35:06	2	0.0	11.10	0.1						
01/09/2018	18:35:51	2	0.0	11.09	0.1						
01/09/2018	18:36:36	1	0.0	11.09	0.1						
01/09/2018	18:37:21	-2	0.0	11.09	0.1						
01/09/2018	18:38:06	-2	0.0	11.09	0.1						
01/09/2018	18:38:51	-3	0.0	11.09	0.1						
01/09/2018	18:39:36	-2	0.0	11.09	0.1						
01/09/2018	18:40:21	-2	0.0	10.85	0.1						
01/09/2018	18:41:06	-2	0.0	10.85	0.1						

Well			Field	Job Start		Customer		Job Number
Papa Jo 2-25-28N-8HZ 0631736689			Wattenberg	Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED		CSS9-00970
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/09/2018	18:42:36	-2	0.0	11.05	0.1			
01/09/2018	18:43:21	-2	0.0	11.04	0.1			
01/09/2018	18:44:06	-2	0.0	11.05	0.1			
01/09/2018	18:44:51	-2	0.0	11.05	0.1			
01/09/2018	18:45:36	-2	0.0	11.05	0.1			
01/09/2018	18:46:21	-2	0.0	11.05	0.2			
01/09/2018	18:47:06	9	0.0	11.05	0.2			
01/09/2018	18:47:28	79	1.1	11.06	0.5	Start Pumping Water		
01/09/2018	18:47:51	198	1.7	11.06	0.7			
01/09/2018	18:48:36	215	1.7	11.07	2.0			
01/09/2018	18:49:21	228	1.6	11.07	3.2			
01/09/2018	18:50:06	230	1.6	11.07	4.3			
01/09/2018	18:50:22	132	0.0	11.07	4.8	End Water		
01/09/2018	18:50:51	1499	0.0	11.06	4.8			
01/09/2018	18:51:36	1411	0.0	11.06	4.8			
01/09/2018	18:52:18	1391	0.0	11.05	4.8	Pressure Test Lines		
01/09/2018	18:52:21	1388	0.0	11.06	4.8			
01/09/2018	18:53:06	5157	0.0	11.06	4.8			
01/09/2018	18:53:51	5113	0.0	11.06	4.8			
01/09/2018	18:54:36	5085	0.0	11.06	4.8			
01/09/2018	18:55:21	118	0.0	11.07	4.8			
01/09/2018	18:55:48	234	1.7	10.88	5.0	Start Pumping Spacer		
01/09/2018	18:56:06	418	4.0	10.83	5.7			
01/09/2018	18:56:51	426	4.6	10.87	9.1			
01/09/2018	18:57:36	274	2.3	10.89	11.3			
01/09/2018	18:58:21	268	2.3	11.14	13.0			
01/09/2018	18:59:06	251	2.3	11.21	15.2			
01/09/2018	18:59:51	265	2.2	11.21	16.9			
01/09/2018	19:00:36	355	3.3	11.22	18.7			
01/09/2018	19:01:21	316	2.3	11.16	20.7			
01/09/2018	19:02:06	347	2.3	11.07	22.4			
01/09/2018	19:02:51	303	2.3	10.99	24.1			
01/09/2018	19:03:36	395	2.3	10.99	25.8			
01/09/2018	19:04:21	316	2.2	10.99	27.5			
01/09/2018	19:05:06	438	4.6	10.94	30.3			
01/09/2018	19:05:51	463	4.1	10.93	33.7			
01/09/2018	19:06:36	446	4.5	10.97	37.1			
01/09/2018	19:07:21	416	4.6	10.97	40.5			
01/09/2018	19:08:06	398	4.5	11.03	43.9			
01/09/2018	19:08:51	419	4.6	11.05	47.3			
01/09/2018	19:09:36	424	4.6	11.08	50.7			
01/09/2018	19:10:21	452	4.5	11.09	54.0			
01/09/2018	19:11:06	449	4.6	10.89	57.4			
01/09/2018	19:11:51	400	4.5	10.90	60.8			
01/09/2018	19:12:36	439	4.5	11.34	64.2			
01/09/2018	19:13:00	418	4.5	11.81	66.1	End Spacer		
01/09/2018	19:13:04	419	4.6	11.79	66.4	Reset Total, Vol = 60.45 bbl		
01/09/2018	19:13:21	426	4.6	11.85	67.6			
01/09/2018	19:14:06	419	4.5	11.78	71.1			
01/09/2018	19:14:51	54	0.0	11.87	71.4			
01/09/2018	19:15:36	364	2.7	11.94	71.6			
01/09/2018	19:15:53	553	4.3	11.87	72.6	Drop Bottom Plug		
01/09/2018	19:16:02	557	4.5	11.88	73.2	Start Mixing Lead Slurry		
01/09/2018	19:16:21	672	5.2	11.90	74.7			

Well		Field		Job Start		Customer		Job Number	
Papa Jo 2-25-28N-8HZ 0631736689		Wattenberg		Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED		CSS9-00970	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/09/2018	19:18:36	902	6.4	11.99	87.7				
01/09/2018	19:19:21	916	6.4	12.06	92.5				
01/09/2018	19:20:06	928	6.3	12.10	97.3				
01/09/2018	19:20:51	949	6.4	12.14	102.0				
01/09/2018	19:21:36	907	6.3	12.09	106.8				
01/09/2018	19:22:21	903	6.4	12.18	111.6				
01/09/2018	19:23:06	916	6.4	12.17	116.4				
01/09/2018	19:23:51	848	6.4	11.97	121.1				
01/09/2018	19:24:36	829	6.4	11.97	125.9				
01/09/2018	19:25:21	783	6.4	11.99	130.7				
01/09/2018	19:26:06	783	6.4	12.08	135.5				
01/09/2018	19:26:51	826	6.3	12.06	140.3				
01/09/2018	19:27:36	781	6.4	12.04	145.1				
01/09/2018	19:28:21	760	6.4	12.02	149.9				
01/09/2018	19:29:06	734	6.4	12.02	154.7				
01/09/2018	19:29:51	715	6.4	11.99	159.5				
01/09/2018	19:30:36	697	6.4	11.98	164.3				
01/09/2018	19:31:21	670	6.4	11.89	169.1				
01/09/2018	19:32:06	630	6.4	12.12	173.9				
01/09/2018	19:32:51	614	6.4	12.03	178.7				
01/09/2018	19:33:36	576	6.4	11.98	183.5				
01/09/2018	19:34:21	529	6.4	11.94	188.3				
01/09/2018	19:35:06	493	6.4	11.91	193.1				
01/09/2018	19:35:51	489	6.4	11.95	197.9				
01/09/2018	19:36:36	487	6.4	11.90	202.7				
01/09/2018	19:37:21	492	6.4	11.95	207.6				
01/09/2018	19:38:06	501	6.4	11.96	212.4				
01/09/2018	19:38:51	673	5.4	12.19	217.0				
01/09/2018	19:39:36	454	6.4	13.29	221.7				
01/09/2018	19:40:05	13	1.8	13.29	224.6	End Lead Slurry			
01/09/2018	19:40:16	25	0.0	13.05	224.7	Reset Total, Vol = 150.25 bbl			
01/09/2018	19:40:21	24	0.0	13.04	224.7				
01/09/2018	19:40:30	23	0.0	13.03	224.7	End Cem Fit Heal Slurry			
01/09/2018	19:40:31	22	0.0	13.01	224.7	Yield=1.81 ft3/sx, MF=7.32 gps			
01/09/2018	19:40:38	22	0.0	13.00	224.7	Mud Balance @ 12 ppg			
01/09/2018	19:40:41	23	0.0	12.99	224.7	Top Of Lead @ 1111 ft			
01/09/2018	19:41:06	22	0.0	12.96	224.7				
01/09/2018	19:41:51	23	0.0	13.11	224.7				
01/09/2018	19:42:36	24	0.0	13.10	224.7				
01/09/2018	19:43:21	25	0.0	13.10	224.7				
01/09/2018	19:44:06	25	0.0	13.11	224.7				
01/09/2018	19:44:51	25	0.0	13.12	224.7				
01/09/2018	19:45:36	26	0.0	10.32	224.7				
01/09/2018	19:46:21	26	0.0	13.42	224.7				
01/09/2018	19:47:06	26	0.0	13.41	224.7				
01/09/2018	19:47:51	26	0.0	13.60	224.7				
01/09/2018	19:48:35	120	2.8	13.57	224.8	Start Mixing Tail Slurry			
01/09/2018	19:48:36	113	3.0	13.57	224.8				
01/09/2018	19:49:21	638	6.3	13.50	228.3				
01/09/2018	19:50:06	433	6.0	13.55	233.0				
01/09/2018	19:50:51	430	5.7	13.50	237.6				
01/09/2018	19:51:36	501	6.2	13.67	242.1				
01/09/2018	19:52:21	519	6.4	13.55	247.0				
01/09/2018	19:53:06	506	6.5	13.55	251.8				

Well			Field		Job Start		Customer		Job Number	
Papa Jo 2-25-28N-8HZ 0631736689			Wattenberg		Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED		CSS9-00970	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/09/2018	19:54:36	512	6.4	13.49	261.5					
01/09/2018	19:55:21	507	6.5	13.49	266.3					
01/09/2018	19:56:06	512	6.4	13.68	271.1					
01/09/2018	19:56:51	504	6.5	13.66	276.0					
01/09/2018	19:57:36	499	6.5	13.65	280.8					
01/09/2018	19:58:21	502	6.5	13.55	285.6					
01/09/2018	19:59:06	493	6.4	13.47	290.5					
01/09/2018	19:59:51	518	6.4	13.49	295.3					
01/09/2018	20:00:36	474	6.5	13.53	300.2					
01/09/2018	20:01:21	477	6.5	13.51	305.0					
01/09/2018	20:02:06	506	6.4	13.49	309.8					
01/09/2018	20:02:51	504	6.5	13.48	314.7					
01/09/2018	20:03:36	500	6.4	13.54	319.5					
01/09/2018	20:04:21	505	6.5	13.50	324.3					
01/09/2018	20:05:06	501	6.5	13.47	329.2					
01/09/2018	20:05:51	487	6.5	13.46	334.0					
01/09/2018	20:06:36	497	6.5	13.44	338.8					
01/09/2018	20:07:21	496	6.5	13.42	343.6					
01/09/2018	20:08:06	470	6.5	13.52	348.5					
01/09/2018	20:08:51	476	6.4	13.58	353.4					
01/09/2018	20:09:36	492	6.5	13.49	358.2					
01/09/2018	20:10:21	486	6.4	13.50	363.0					
01/09/2018	20:11:06	490	6.5	13.53	367.9					
01/09/2018	20:11:51	481	6.5	13.54	372.7					
01/09/2018	20:12:36	507	6.4	13.50	377.6					
01/09/2018	20:13:21	496	6.5	13.46	382.4					
01/09/2018	20:14:06	495	6.5	13.45	387.3					
01/09/2018	20:14:51	496	6.4	13.54	392.1					
01/09/2018	20:15:36	488	6.4	13.51	396.9					
01/09/2018	20:16:21	496	6.5	13.49	401.8					
01/09/2018	20:17:06	494	6.5	13.45	406.6					
01/09/2018	20:17:51	507	6.5	13.52	411.5					
01/09/2018	20:18:36	501	6.4	13.53	416.3					
01/09/2018	20:19:21	509	6.5	13.50	421.1					
01/09/2018	20:20:06	527	6.4	13.35	426.0					
01/09/2018	20:20:51	193	3.2	13.22	429.8					
01/09/2018	20:21:36	185	3.1	13.55	432.1					
01/09/2018	20:22:21	309	4.5	13.56	434.6					
01/09/2018	20:23:06	552	6.2	13.46	439.1					
01/09/2018	20:23:51	491	6.5	13.40	443.9					
01/09/2018	20:24:36	480	6.4	13.49	448.7					
01/09/2018	20:25:21	497	6.4	13.50	453.6					
01/09/2018	20:26:06	449	6.4	13.42	458.4					
01/09/2018	20:26:51	299	4.5	13.33	461.9					
01/09/2018	20:27:36	293	4.6	13.35	465.3					
01/09/2018	20:28:21	276	4.5	11.13	468.7					
01/09/2018	20:28:40	286	4.5	11.02	470.2	End Tail Slurry				
01/09/2018	20:28:45	297	4.6	11.07	470.6	Reset Total, Vol = 245.95 bbl				
01/09/2018	20:29:06	267	4.6	11.08	472.1					
01/09/2018	20:29:24	51	0.0	11.08	473.1	End 50-50 Poz-"G" Slurry				
01/09/2018	20:29:31	58	0.1	11.09	473.1	830 Sacks @ 13.5 ppg				
01/09/2018	20:29:36	53	0.0	11.08	473.2	Yield=1.66 ft3/sx, MF=7.96 gps				
01/09/2018	20:29:37	45	0.0	11.08	473.2	Mud Balance @ 13.5 ppg				
01/09/2018	20:29:38	41	0.0	11.09	473.2	Top Tail @ 5600 ft				

Well			Field		Job Start		Customer		Job Number	
Papa Jo 2-25-28N-8HZ 0631736689			Wattenberg		Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED		CSS9-00970	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/09/2018	20:30:36	38	0.0	11.00	473.2					
01/09/2018	20:31:21	40	0.0	10.91	473.2					
01/09/2018	20:32:06	96	0.9	10.91	473.4					
01/09/2018	20:32:51	98	2.2	10.92	474.7					
01/09/2018	20:33:36	39	0.8	10.93	476.0					
01/09/2018	20:34:21	40	0.9	10.92	476.4					
01/09/2018	20:35:51	64	1.6	10.64	477.9					
01/09/2018	20:36:36	90	1.9	9.86	479.1					
01/09/2018	20:37:21	73	1.8	9.81	480.5					
01/09/2018	20:38:06	74	1.8	9.56	482.0					
01/09/2018	20:38:51	86	1.9	9.43	483.5					
01/09/2018	20:39:36	68	2.2	9.30	485.1					
01/09/2018	20:40:21	83	2.4	9.21	486.7					
01/09/2018	20:41:06	87	2.5	9.22	488.5					
01/09/2018	20:41:51	21	2.0	8.73	490.2					
01/09/2018	20:42:36	85	2.4	9.21	491.9					
01/09/2018	20:43:21	25	0.0	9.19	492.3					
01/09/2018	20:43:35	26	0.0	9.23	492.3	Drop Top Plug				
01/09/2018	20:44:06	35	0.3	9.17	492.4					
01/09/2018	20:44:23	78	2.0	9.15	492.4	Start Displacement				
01/09/2018	20:44:51	114	4.6	9.16	494.4					
01/09/2018	20:45:36	195	6.5	9.14	498.2					
01/09/2018	20:46:21	198	6.3	9.13	503.0					
01/09/2018	20:47:06	324	8.3	9.11	509.0					
01/09/2018	20:47:51	315	8.4	9.11	515.3					
01/09/2018	20:48:36	313	8.4	9.12	521.6					
01/09/2018	20:49:21	312	8.4	9.11	527.8					
01/09/2018	20:50:06	313	8.4	9.11	534.1					
01/09/2018	20:50:51	320	8.4	9.11	540.4					
01/09/2018	20:51:36	570	6.4	9.10	546.4					
01/09/2018	20:52:21	589	6.4	9.10	551.3					
01/09/2018	20:53:06	629	6.4	9.10	556.1					
01/09/2018	20:53:51	679	6.4	9.10	560.9					
01/09/2018	20:54:36	737	6.4	9.09	565.7					
01/09/2018	20:55:21	803	6.4	9.10	570.5					
01/09/2018	20:56:06	883	6.4	9.10	575.3					
01/09/2018	20:56:51	943	6.4	9.09	580.1					
01/09/2018	20:57:36	978	6.4	9.09	584.9					
01/09/2018	20:58:21	1048	6.4	9.09	589.7					
01/09/2018	20:59:06	1156	6.4	9.09	594.5					
01/09/2018	20:59:51	1196	6.4	9.09	599.3					
01/09/2018	21:00:36	1259	6.4	9.09	604.1					
01/09/2018	21:01:21	1318	6.4	9.09	608.9					
01/09/2018	21:02:06	1418	6.3	9.09	613.7					
01/09/2018	21:03:36	1541	6.4	9.09	623.2					
01/09/2018	21:04:21	1600	6.4	9.09	628.0					
01/09/2018	21:05:06	1657	6.3	9.09	632.7					
01/09/2018	21:05:51	1768	6.3	9.09	637.5					
01/09/2018	21:06:36	1839	6.4	9.09	642.2					
01/09/2018	21:07:21	1906	6.3	9.09	647.0					
01/09/2018	21:08:06	1943	6.3	9.09	651.8					
01/09/2018	21:08:51	2063	6.3	9.08	656.5					
01/09/2018	21:09:36	2131	6.3	9.09	661.3					
01/09/2018	21:10:21	2192	6.3	9.08	666.0					

Well			Field	Job Start		Customer	Job Number
Papa Jo 2-25-28N-8HZ 0631736689			Wattenberg	Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED	CSS9-00970
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/09/2018	21:11:51	2340	6.3	9.08	675.5		
01/09/2018	21:12:36	2396	6.3	9.09	680.3		
01/09/2018	21:13:21	2395	6.2	9.10	685.0		
01/09/2018	21:14:06	2433	6.2	9.09	689.6		
01/09/2018	21:14:51	2498	6.2	9.09	694.2		
01/09/2018	21:15:36	2525	6.1	9.09	698.9		
01/09/2018	21:16:21	2519	6.1	9.09	703.5		
01/09/2018	21:17:06	2539	6.1	9.09	708.1		
01/09/2018	21:17:51	2608	6.1	9.09	712.6		
01/09/2018	21:18:36	2618	6.1	9.09	717.2		
01/09/2018	21:19:21	2622	6.1	9.09	721.8		
01/09/2018	21:20:06	2640	6.1	9.09	726.3		
01/09/2018	21:20:51	2630	6.0	9.09	730.8		
01/09/2018	21:21:36	2694	5.9	9.09	735.3		
01/09/2018	21:22:21	2705	5.9	9.09	739.8		
01/09/2018	21:23:06	2710	5.9	9.09	744.2		
01/09/2018	21:23:51	2753	5.9	9.09	748.6		
01/09/2018	21:24:36	2784	5.9	9.10	752.9		
01/09/2018	21:25:21	2800	5.9	9.09	757.5		
01/09/2018	21:26:06	2803	5.9	9.10	761.8		
01/09/2018	21:26:51	2781	5.8	9.09	766.2		
01/09/2018	21:27:36	2865	5.8	9.10	770.6		
01/09/2018	21:28:21	2688	4.8	9.10	774.2		
01/09/2018	21:29:06	2656	4.7	9.10	777.8		
01/09/2018	21:29:51	2721	4.8	9.10	781.4		
01/09/2018	21:30:36	2710	4.7	9.10	784.9		
01/09/2018	21:31:21	2685	4.5	9.09	788.3		
01/09/2018	21:32:06	2703	4.5	9.09	791.7		
01/09/2018	21:32:51	2707	4.5	9.09	795.0		
01/09/2018	21:33:36	2516	3.3	9.10	797.8		
01/09/2018	21:34:21	2533	3.3	9.10	800.3		
01/09/2018	21:35:06	2519	3.3	9.10	802.7		
01/09/2018	21:35:51	2547	3.3	9.09	805.2		
01/09/2018	21:36:36	2409	2.3	9.08	807.2		
01/09/2018	21:37:21	2414	2.2	9.08	808.9		
01/09/2018	21:38:06	2414	2.3	9.08	810.6		
01/09/2018	21:38:51	2422	2.3	9.09	812.3		
01/09/2018	21:39:36	3034	0.0	9.09	813.5		
01/09/2018	21:40:21	3001	0.0	9.09	813.5		
01/09/2018	21:40:54	2999	0.0	9.09	813.5	Bump Top Plug	
01/09/2018	21:40:59	2981	0.0	9.09	813.5	Reset Total, Vol = 318.33 bbl	
01/09/2018	21:41:06	3018	0.0	9.09	813.5		
01/09/2018	21:41:51	3020	0.0	9.09	813.5		
01/09/2018	21:42:04	3038	0.0	9.09	813.5	20 bbls Spacer @ Surface	
01/09/2018	21:42:36	3044	0.0	9.09	813.5		
01/09/2018	21:43:21	3053	0.0	9.09	813.5		
01/09/2018	21:44:06	3072	0.0	9.09	813.5		
01/09/2018	21:44:23	3079	0.0	9.09	813.5	Test Casing to 3000 psi	
01/09/2018	21:44:51	3090	0.0	9.09	813.5		
01/09/2018	21:45:36	3106	0.0	9.09	813.5		
01/09/2018	21:46:21	3121	0.0	9.09	813.5		
01/09/2018	21:47:06	3137	0.0	9.09	813.5		
01/09/2018	21:47:51	3152	0.0	9.09	813.5		
01/09/2018	21:48:36	3165	0.0	9.09	813.5		

Well			Field		Job Start		Customer		Job Number	
Papa Jo 2-25-28N-8HZ 0631736689			Wattenberg		Jan/09/2018		ANADARKO PETROLEUM COMPANY (ED		CSS9-00970	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
01/09/2018	21:50:06	3193	0.0	9.09	813.5					
01/09/2018	21:50:51	3207	0.0	9.09	813.5					
01/09/2018	21:51:36	3219	0.0	9.09	813.5					
01/09/2018	21:53:06	3245	0.0	9.09	813.5					
01/09/2018	21:53:51	3257	0.0	9.09	813.5					
01/09/2018	21:54:36	3270	0.0	9.09	813.5					
01/09/2018	21:55:21	2622	0.0	9.09	813.5					
01/09/2018	21:55:46	921	0.0	9.09	813.5	Bleed Off. Check Float				
01/09/2018	21:55:59	133	0.0	9.09	813.5	Float Holding. 3.5 bbl Back				
01/09/2018	21:56:06	26	0.0	9.09	813.5					
01/09/2018	21:56:51	241	2.0	9.09	813.7					
01/09/2018	21:57:32	2169	3.3	9.10	815.6	Pressure Up for Wet Shoe				
01/09/2018	21:57:36	2354	3.3	9.10	815.8					
01/09/2018	21:58:21	4424	1.9	9.10	818.0					
01/09/2018	21:59:00	2737	4.1	9.10	819.9	Bleed off @ 4400 psi				
01/09/2018	21:59:06	2741	4.1	9.10	820.3					
01/09/2018	21:59:43	2265	0.0	9.10	821.8	Reset Total, Vol = 3.30 bbl				
01/09/2018	21:59:51	2204	0.0	9.10	821.8					
01/09/2018	21:59:54	2199	0.0	9.10	821.8	Bleed Off Pressure				
01/09/2018	22:00:36	22	0.0	9.09	821.8					

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 4.5	N2	Mud	Maximum Rate 9.6		Total Slurry 396.2	Mud 0.0	Spacer 60.2	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 5216	Final 2500	Average 1083	Bump Plug to 3017	Breakdown	Type	Volume bbl		Density lb/gal		
Avg. N2 Percent %		Designed Slurry Volume 392.0 bbl		Displacement 318.3 bbl	Mix Water Temp 92 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
						Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative			Schlumberger Supervisor			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>		
Joe Wallem / Burke Hibbert			Wence Luste			-		-		