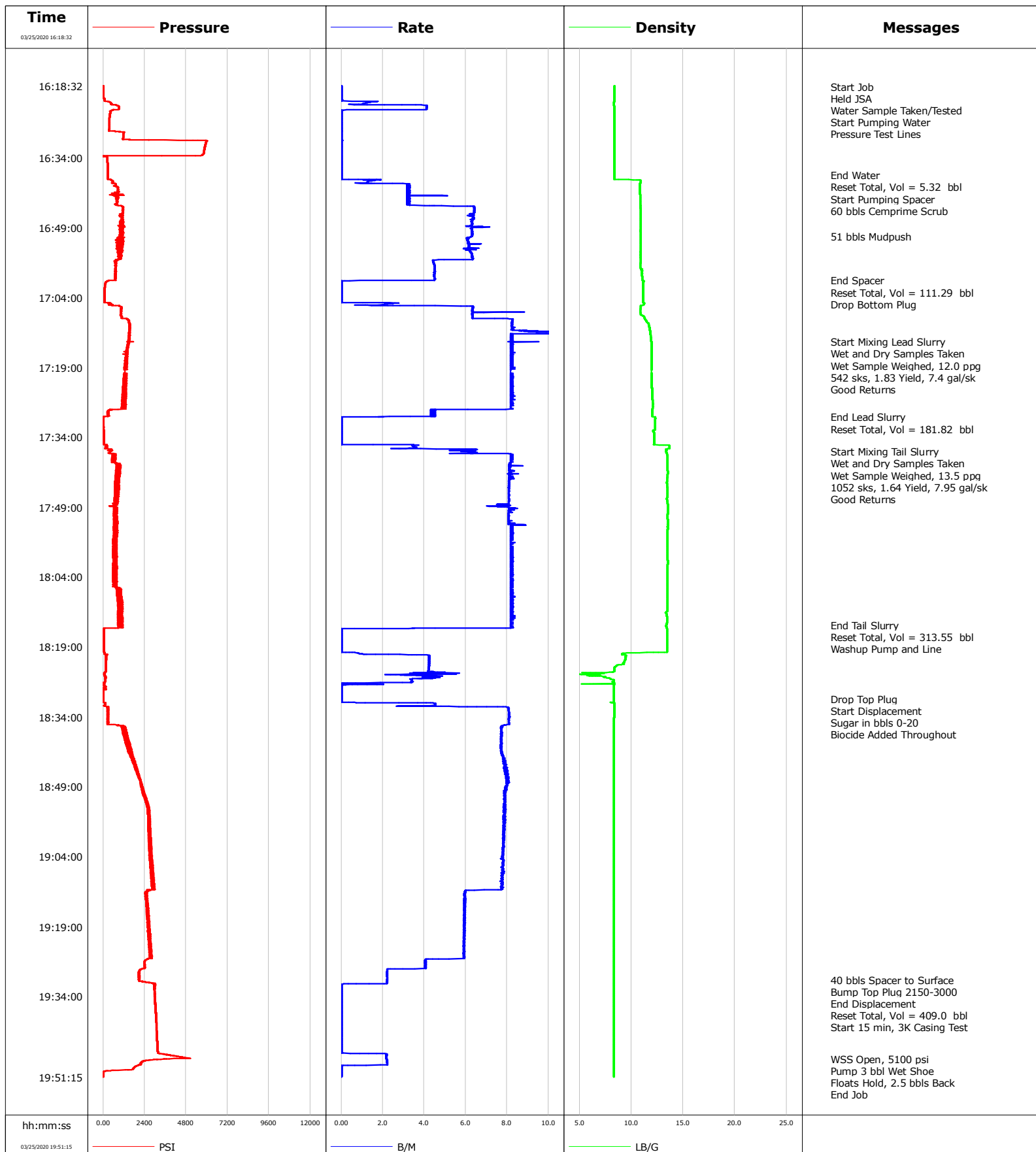


Well Damore 1804HZ
Field DJ
Engineer Ryan Drilling/Colby Dravis
Country United States

Client Anadarko
SIR No. EAJ7-01269
Job Type 5.5" Production
Job Date 03-25-2020



Cementing Service Report

				Customer Anadarko			Job Number EAJ7-01269						
Well Damore 1804HZ			Location (legal) CWY			Schlumberger Location CWY			Job Start Mar/25/2020				
Field DJ		Formation Name/Type			Deviation 90 deg		Bit Size 7.9 in		Well MD 17605.0 ft		Well TVD 7133.0 ft		
County Weld		State/Province Colorado			BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal		
Well Master 0065961659		API/UWI											
Rig Name Precision 564		Drilled For Oil		Service Via Land		Casing/ Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
						17605.0		5.5		17.0		p110	
Offshore Zone		Well Class New		Well Type Development		0.0		0.0		0.0			
Drilling Fluid Type OBM		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in		Weight, lb/ft	
Service Line Cementing		Job Type 5.5" Production											
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection Double Cement head		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft		No. of Shots	
						ft		ft					
						ft		ft				Diameter in	
						Treat Down Casing		Displacement 409.0 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. bbl	
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>				Casing Tools			Squeeze Job				
Lift Pressure 2150 psi						Shoe Type Float			Squeeze Type				
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 17605.0 ft			Tool Type				
No. Centralizers		Top Plugs 1		Bottom Plugs 1		Stage Tool Type			Tool Depth ft				
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in				
Job Scheduled For Mar/25/2020 13:00		Arrived on Location Mar/25/2020 13:00		Leave Location Mar/25/2020 21:00		Collar Type Float			Tail Pipe Depth ft				
						Collar Depth 17591.0 ft			Sqz. Total Vol. bbl				
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
03/25/2020	16:18:32	9	0.0	8.39	0.0	Started Acquisition							
03/25/2020	16:18:39	8	0.0	8.38	0.0	Start Job							
03/25/2020	16:18:40	8	0.0	8.39	0.0	Held JSA							
03/25/2020	16:18:43	8	0.0	8.39	0.0	Start Pumping Water							
03/25/2020	16:18:46	9	0.0	8.39	0.0	Pressure Test Lines							
03/25/2020	16:19:32	8	0.0	8.39	0.0								
03/25/2020	16:20:32	8	0.0	8.38	0.0								
03/25/2020	16:21:32	70	0.0	8.38	0.0								
03/25/2020	16:22:32	437	0.8	8.34	0.9								
03/25/2020	16:23:32	894	4.1	8.35	4.6								
03/25/2020	16:24:32	400	0.0	8.35	5.3								
03/25/2020	16:25:32	367	0.0	8.35	5.3								
03/25/2020	16:26:32	351	0.0	8.35	5.3								
03/25/2020	16:27:32	346	0.0	8.35	5.3								
03/25/2020	16:28:32	1206	0.0	8.35	5.3								
03/25/2020	16:29:32	1154	0.0	8.36	5.3								
03/25/2020	16:30:32	5970	0.0	8.36	5.3								
03/25/2020	16:31:32	5892	0.0	8.36	5.3								
03/25/2020	16:32:32	5844	0.0	8.36	5.3								
03/25/2020	16:33:32	3412	0.0	8.36	5.3								
03/25/2020	16:35:32	266	0.0	8.35	5.3								

Well			Field	Job Start		Customer		Job Number
Damore 1804HZ			DJ	Mar/25/2020		Anadarko		EAJ7-01269
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/25/2020	16:37:32	286	0.0	8.35	5.3			
03/25/2020	16:37:42	286	0.0	8.35	5.3	End Water		
03/25/2020	16:37:43	286	0.0	8.35	5.3	Reset Total, Vol = 5.32 bbl		
03/25/2020	16:37:46	286	0.0	8.35	5.3	Start Pumping Spacer		
03/25/2020	16:37:53	286	0.0	8.36	5.3	60 bbls Cemprime Scrub		
03/25/2020	16:38:32	287	0.0	8.35	5.3			
03/25/2020	16:39:32	695	1.9	10.83	6.5			
03/25/2020	16:40:32	851	2.2	10.80	9.8			
03/25/2020	16:41:32	833	2.2	10.81	13.0			
03/25/2020	16:42:32	803	2.0	10.86	16.3			
03/25/2020	16:43:32	812	2.2	10.87	19.6			
03/25/2020	16:44:32	1144	6.4	10.88	23.6			
03/25/2020	16:45:32	1180	6.4	10.91	30.0			
03/25/2020	16:46:32	1058	6.3	10.92	36.3			
03/25/2020	16:47:32	1184	6.3	10.92	42.7			
03/25/2020	16:48:32	1105	6.2	10.91	49.0			
03/25/2020	16:49:32	1006	6.3	10.89	55.3			
03/25/2020	16:50:32	940	6.3	10.92	61.6			
03/25/2020	16:50:53	1082	6.3	10.92	63.8	51 bbls Mudpush		
03/25/2020	16:51:32	964	6.1	10.92	67.8			
03/25/2020	16:52:32	1163	6.3	10.92	74.0			
03/25/2020	16:53:32	960	6.1	10.91	80.2			
03/25/2020	16:54:32	1006	6.3	10.91	86.4			
03/25/2020	16:55:32	998	6.3	10.89	92.7			
03/25/2020	16:56:32	715	4.4	10.89	97.7			
03/25/2020	16:57:32	732	4.5	10.88	102.2			
03/25/2020	16:58:32	769	4.5	11.00	106.7			
03/25/2020	16:59:32	701	4.5	11.04	111.2			
03/25/2020	17:00:16	742	4.5	11.05	114.5	End Spacer		
03/25/2020	17:00:17	549	4.3	11.05	114.6	Reset Total, Vol = 111.29 bbl		
03/25/2020	17:00:19	340	2.0	11.07	114.7	Drop Bottom Plug		
03/25/2020	17:00:32	221	0.0	11.17	114.8			
03/25/2020	17:01:32	99	0.0	11.16	114.8			
03/25/2020	17:02:32	76	0.0	11.15	114.8			
03/25/2020	17:03:32	68	0.0	11.15	114.8			
03/25/2020	17:04:32	62	0.0	11.14	114.8			
03/25/2020	17:05:32	400	2.0	11.21	115.9			
03/25/2020	17:06:32	1075	6.3	10.88	121.1			
03/25/2020	17:07:32	1059	6.3	10.91	127.6			
03/25/2020	17:08:32	1353	8.2	11.29	134.0			
03/25/2020	17:10:32	1529	8.2	11.76	150.5			
03/25/2020	17:11:32	1560	14.1	11.81	159.4			
03/25/2020	17:12:32	1478	9.3	11.89	168.5			
03/25/2020	17:13:28	1428	8.2	11.94	176.1	Start Mixing Lead Slurry		
03/25/2020	17:13:32	1458	11.5	11.96	176.7			
03/25/2020	17:14:32	1424	15.3	11.96	184.9			
03/25/2020	17:15:01	1382	10.5	11.96	188.8	Wet and Dry Samples Taken		
03/25/2020	17:15:02	1358	10.2	11.96	189.0	542 sks, 1.83 Yield, 7.4 gal/sk		
03/25/2020	17:15:32	1387	8.4	11.96	193.0			
03/25/2020	17:16:32	1309	8.1	11.97	201.2			
03/25/2020	17:17:32	1400	8.1	11.96	209.4			
03/25/2020	17:18:32	1268	10.9	11.97	217.6			
03/25/2020	17:20:32	1328	11.4	11.98	234.0			
03/25/2020	17:21:32	1213	10.5	11.96	242.2			

Well			Field	Job Start		Customer		Job Number
Damore 1804HZ			DJ	Mar/25/2020		Anadarko		EAJ7-01269
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/25/2020	17:23:32	1161	8.5	11.99	258.5			
03/25/2020	17:24:32	1248	11.6	12.01	266.7			
03/25/2020	17:25:32	1258	12.6	12.03	274.9			
03/25/2020	17:26:32	1114	10.4	12.05	283.1			
03/25/2020	17:27:32	1325	8.1	12.06	291.3			
03/25/2020	17:28:32	280	4.4	12.02	297.4			
03/25/2020	17:29:32	50	2.9	12.04	301.8			
03/25/2020	17:29:38	26	0.1	12.30	301.9	End Lead Slurry		
03/25/2020	17:29:40	27	0.0	12.31	301.9	Reset Total, Vol = 181.82 bbl		
03/25/2020	17:30:32	28	0.0	12.30	301.9			
03/25/2020	17:31:32	29	0.0	12.29	301.9			
03/25/2020	17:32:32	29	0.0	12.09	301.9			
03/25/2020	17:33:32	29	0.0	12.19	301.9			
03/25/2020	17:34:32	30	0.0	12.20	301.9			
03/25/2020	17:35:32	35	0.1	12.19	301.9			
03/25/2020	17:36:32	483	6.1	13.37	305.5			
03/25/2020	17:37:03	402	6.2	13.36	308.7	Start Mixing Tail Slurry		
03/25/2020	17:37:04	362	6.2	13.36	308.8	Wet and Dry Samples Taken		
03/25/2020	17:37:32	620	8.0	13.43	311.9			
03/25/2020	17:38:32	711	8.2	13.49	320.1			
03/25/2020	17:39:32	698	8.1	13.49	328.3			
03/25/2020	17:40:32	1005	8.1	13.49	336.4			
03/25/2020	17:41:32	788	8.1	13.52	344.6			
03/25/2020	17:42:32	810	8.1	13.47	352.7			
03/25/2020	17:43:32	930	8.1	13.42	360.8			
03/25/2020	17:44:32	682	8.1	13.46	368.9			
03/25/2020	17:45:32	913	8.1	13.49	377.0			
03/25/2020	17:46:32	710	8.1	13.51	385.1			
03/25/2020	17:47:32	726	8.1	13.45	393.2			
03/25/2020	17:48:32	716	8.1	13.53	401.1			
03/25/2020	17:49:32	674	8.3	13.53	409.1			
03/25/2020	17:51:32	607	8.1	13.52	425.3			
03/25/2020	17:52:32	814	8.0	13.52	433.4			
03/25/2020	17:53:32	682	25.0	13.52	441.7			
03/25/2020	17:54:32	652	8.3	13.51	449.8			
03/25/2020	17:55:32	826	8.1	13.51	458.0			
03/25/2020	17:56:32	569	8.1	13.51	466.2			
03/25/2020	17:57:32	761	8.1	13.51	474.4			
03/25/2020	17:58:32	686	8.1	13.51	482.6			
03/25/2020	17:59:32	625	8.1	13.51	490.7			
03/25/2020	18:00:32	811	8.1	13.52	498.9			
03/25/2020	18:01:32	604	8.1	13.51	507.1			
03/25/2020	18:02:32	741	8.1	13.49	515.3			
03/25/2020	18:03:32	688	8.1	13.49	523.5			
03/25/2020	18:04:32	620	8.1	13.50	531.6			
03/25/2020	18:05:32	808	8.1	13.50	539.8			
03/25/2020	18:06:32	800	8.0	13.50	548.0			
03/25/2020	18:07:32	938	8.0	13.50	556.2			
03/25/2020	18:08:32	952	8.0	13.50	564.4			
03/25/2020	18:09:32	897	8.0	13.50	572.5			
03/25/2020	18:10:32	1139	8.0	13.50	580.7			
03/25/2020	18:11:32	840	8.0	13.34	588.9			
03/25/2020	18:12:32	1033	8.0	13.45	597.1			
03/25/2020	18:13:32	1084	8.0	13.45	605.3			

Well			Field	Job Start		Customer		Job Number
Damore 1804HZ			DJ	Mar/25/2020		Anadarko		EAJ7-01269
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/25/2020	18:14:32	905	8.0	13.36	613.5			
03/25/2020	18:14:47	1124	7.9	13.38	615.5	Reset Total, Vol = 313.55 bbl		
03/25/2020	18:15:01	37	0.3	13.44	616.9	Washup Pump and Line		
03/25/2020	18:15:32	32	0.0	13.45	616.9			
03/25/2020	18:16:32	34	0.0	13.45	616.9			
03/25/2020	18:17:32	34	0.0	13.45	616.9			
03/25/2020	18:18:32	35	0.0	13.44	616.9			
03/25/2020	18:19:32	35	0.0	13.44	616.9			
03/25/2020	18:20:32	117	1.2	9.08	617.3			
03/25/2020	18:21:32	173	4.2	9.43	621.3			
03/25/2020	18:22:32	161	4.2	9.20	625.5			
03/25/2020	18:23:32	162	4.2	8.39	629.8			
03/25/2020	18:24:32	80	5.1	5.73	634.1			
03/25/2020	18:26:32	115	3.4	8.32	641.7			
03/25/2020	18:27:32	150	0.0	8.33	642.4			
03/25/2020	18:28:32	18	0.0	8.34	642.4			
03/25/2020	18:29:32	19	0.0	8.34	642.4			
03/25/2020	18:30:09	19	0.0	8.35	642.4	Drop Top Plug		
03/25/2020	18:30:10	19	0.0	8.35	642.4	Start Displacement		
03/25/2020	18:30:32	18	0.0	8.35	642.4			
03/25/2020	18:31:32	68	4.3	8.38	645.2			
03/25/2020	18:32:32	314	8.1	8.37	652.2			
03/25/2020	18:33:32	245	8.1	8.36	660.2			
03/25/2020	18:34:12	311	8.1	8.35	665.6	Sugar in bbls 0-20		
03/25/2020	18:34:32	286	8.1	8.35	668.3			
03/25/2020	18:35:32	309	8.1	8.35	676.4			
03/25/2020	18:36:32	1118	7.7	8.35	684.2			
03/25/2020	18:37:32	1362	7.7	8.35	691.9			
03/25/2020	18:38:32	1369	7.7	8.35	699.6			
03/25/2020	18:39:32	1313	7.7	8.34	707.3			
03/25/2020	18:40:32	1610	7.7	8.34	715.1			
03/25/2020	18:41:32	1487	7.7	8.34	722.8			
03/25/2020	18:42:32	1672	7.8	8.34	730.5			
03/25/2020	18:43:32	1760	7.9	8.34	738.4			
03/25/2020	18:44:32	1818	7.9	8.34	746.3			
03/25/2020	18:45:32	2020	7.9	8.34	754.2			
03/25/2020	18:46:32	2004	8.0	8.34	762.1			
03/25/2020	18:47:32	2167	8.0	8.34	770.1			
03/25/2020	18:48:32	2208	8.0	8.34	778.2			
03/25/2020	18:49:32	2261	7.9	8.34	786.1			
03/25/2020	18:50:32	2402	7.9	8.34	794.0			
03/25/2020	18:51:32	2409	7.9	8.34	801.9			
03/25/2020	18:52:32	2609	7.9	8.34	809.8			
03/25/2020	18:53:32	2564	7.8	8.34	817.6			
03/25/2020	18:54:32	2646	7.9	8.34	825.5			
03/25/2020	18:55:32	2636	7.9	8.34	833.4			
03/25/2020	18:56:32	2611	7.8	8.34	841.2			
03/25/2020	18:57:32	2719	7.8	8.34	849.1			
03/25/2020	18:58:32	2612	7.8	8.34	856.9			
03/25/2020	18:59:32	2743	7.9	8.34	864.8			
03/25/2020	19:01:32	2745	7.8	8.34	880.4			
03/25/2020	19:02:32	2726	7.8	8.34	888.2			
03/25/2020	19:03:32	2716	7.8	8.34	896.0			
03/25/2020	19:04:32	2800	7.8	8.34	903.8			

Well			Field	Job Start		Customer	Job Number
Damore 1804HZ			DJ	Mar/25/2020		Anadarko	EAJ7-01269
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/25/2020	19:06:32	2731	7.8	8.34	919.4		
03/25/2020	19:07:32	2873	7.8	8.34	927.2		
03/25/2020	19:08:32	2932	7.8	8.34	934.9		
03/25/2020	19:09:32	2939	7.7	8.34	942.7		
03/25/2020	19:10:32	2829	7.8	8.34	950.4		
03/25/2020	19:11:32	2465	6.0	8.34	957.4		
03/25/2020	19:12:32	2476	6.0	8.34	963.4		
03/25/2020	19:13:32	2582	6.0	8.34	969.4		
03/25/2020	19:14:32	2483	6.0	8.34	975.3		
03/25/2020	19:15:32	2587	6.0	8.34	981.2		
03/25/2020	19:16:32	2542	5.9	8.34	987.2		
03/25/2020	19:17:32	2660	5.9	8.34	993.1		
03/25/2020	19:18:32	2695	6.0	8.34	999.1		
03/25/2020	19:19:32	2607	5.9	8.34	1005.0		
03/25/2020	19:20:32	2731	5.9	8.34	1010.9		
03/25/2020	19:21:32	2617	5.9	8.34	1016.8		
03/25/2020	19:22:32	2723	5.9	8.34	1022.8		
03/25/2020	19:23:32	2669	5.9	8.34	1028.7		
03/25/2020	19:24:32	2753	5.9	8.34	1034.6		
03/25/2020	19:25:32	2840	5.9	8.34	1040.5		
03/25/2020	19:26:32	2390	4.0	8.33	1045.3		
03/25/2020	19:27:32	2413	4.1	8.34	1049.3		
03/25/2020	19:28:32	2125	2.2	8.33	1052.4		
03/25/2020	19:29:32	2059	2.2	8.33	1054.7		
03/25/2020	19:30:25	2126	2.2	8.33	1056.6	40 bbls Spacer to Surface	
03/25/2020	19:30:32	2070	2.2	8.33	1056.9		
03/25/2020	19:30:33	2125	2.2	8.34	1056.9	Bump Top Plug 2150-3000	
03/25/2020	19:30:34	2112	2.2	8.33	1056.9	End Displacement	
03/25/2020	19:30:35	2073	2.2	8.33	1057.0	Reset Total, Vol = 409.0 bbl	
03/25/2020	19:30:36	2132	2.2	8.33	1057.0	Start 15 min, 3K Casing Test	
03/25/2020	19:31:32	3016	0.0	8.34	1058.4		
03/25/2020	19:32:32	2965	0.0	8.34	1058.4		
03/25/2020	19:33:32	2976	0.0	8.34	1058.4		
03/25/2020	19:34:32	2992	0.0	8.34	1058.4		
03/25/2020	19:35:32	3022	0.0	8.34	1058.4		
03/25/2020	19:36:32	3032	0.0	8.34	1058.4		
03/25/2020	19:37:32	3044	0.0	8.34	1058.4		
03/25/2020	19:38:32	3058	0.0	8.34	1058.4		
03/25/2020	19:39:32	3074	0.0	8.34	1058.4		
03/25/2020	19:40:32	3089	0.0	8.34	1058.4		
03/25/2020	19:41:32	3102	0.0	8.34	1058.4		
03/25/2020	19:42:32	3115	0.0	8.34	1058.4		
03/25/2020	19:43:32	3129	0.0	8.34	1058.4		
03/25/2020	19:44:32	3142	0.0	8.34	1058.4		
03/25/2020	19:45:32	3155	0.0	8.34	1058.4		
03/25/2020	19:46:32	3806	2.2	8.33	1059.2		
03/25/2020	19:47:20	3827	2.2	8.33	1060.9	WSS Open, 5100 psi	
03/25/2020	19:47:22	3671	2.2	8.34	1061.0	Pump 3 bbl Wet Shoe	
03/25/2020	19:47:32	2931	2.2	8.34	1061.3		
03/25/2020	19:48:32	2142	2.2	8.34	1063.6		
03/25/2020	19:49:32	1727	0.0	8.34	1064.0		
03/25/2020	19:50:19	16	0.0	8.34	1064.0	Floats Hold, 2.5 bbls Back	
03/25/2020	19:50:29	16	0.0	8.34	1064.0	End Job	

Well Damore 1804HZ	Field DJ	Job Start Mar/25/2020	Customer Anadarko	Job Number EAJ7-01269
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 7.0	N2	Mud 0.0	Maximum Rate 8.9		Total Slurry 494.0	Mud 0.0	Spacer 111.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 5063	Final 17	Average 1531	Bump Plug to 3000	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 484.0 bbl		Displacement 409.0 bbl		Mix Water Temp 80 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative John Truett				Schlumberger Supervisor Ryan Drilling/Colby Dravis				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-