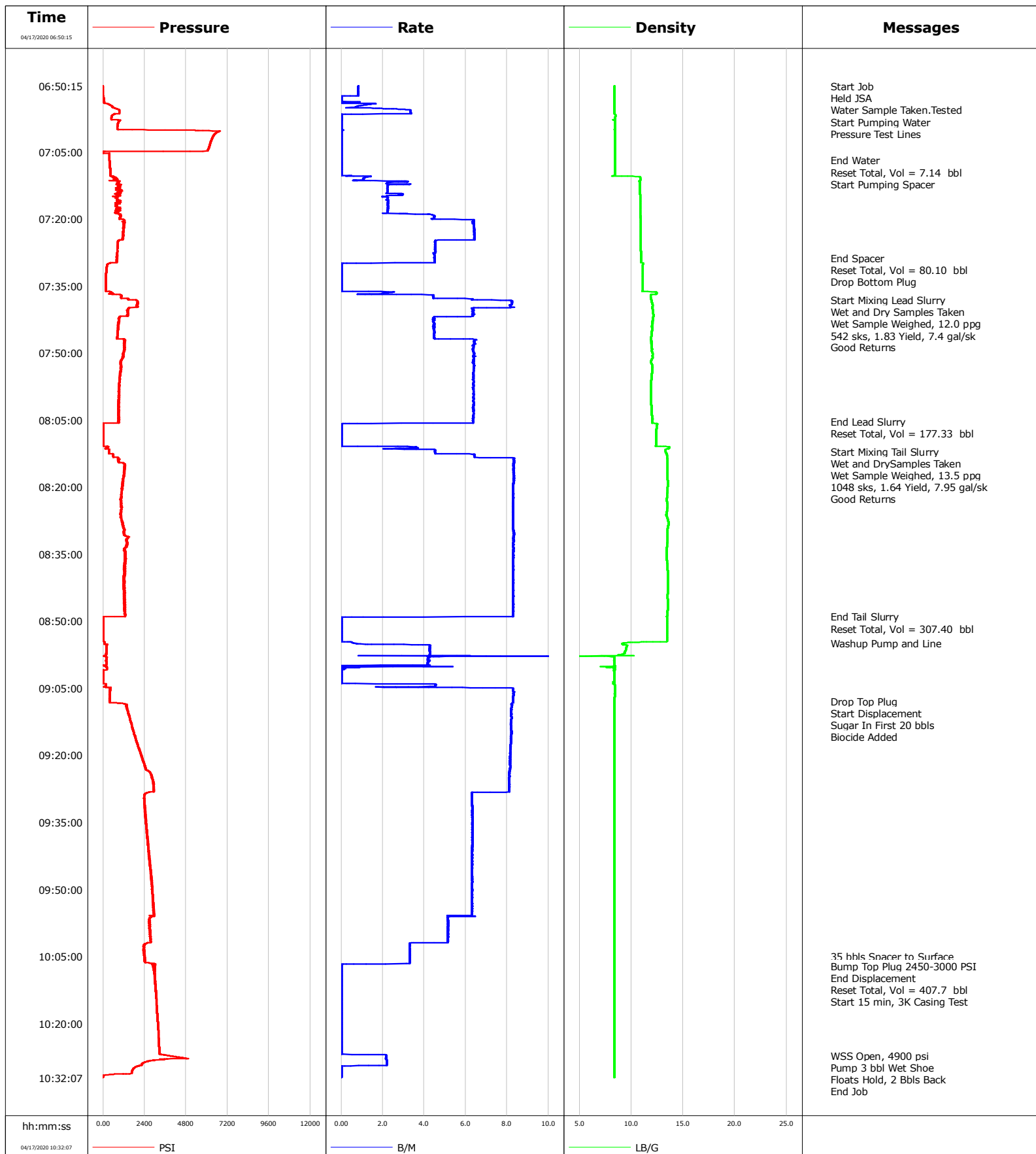


Well	Damore 18-8HZ	Client	Anadarko
Field	DJ	SIR No.	EAJ7-01286
Engineer	Ryan Drilling/Colby Dravis	Job Type	5.5" Production
Country	United States	Job Date	04-17-2020



Cementing Service Report

				Customer Anadarko			Job Number EAJ7-01286										
Well Damore 18-8HZ			Location (legal) CWY			Schlumberger Location CWY			Job Start Apr/17/2020								
Field DJ		Formation Name/Type			Deviation 90 deg		Bit Size 7.9 in		Well MD 17538.0 ft		Well TVD 6878.0 ft						
County Weld		State/Province Colorado			BHP psi		BHST 230 degF		BHCT 230 degF		Pore Press. Gradient lb/gal						
Well Master 0065961666		API/UWI															
Rig Name Precision 564		Drilled For Oil		Service Via Land		Casing/ Liner											
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread			
Offshore Zone		Well Class New		Well Type Development		17538.0		5.5		17.0		p110		Itc			
						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		Grade		Thread	
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		Total Interval			
						ft		ft						ft			
						ft		ft						Diameter		in	
						ft		ft									
						Treat Down Casing		Displacement 407.7 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 2450 psi						Shoe Type Float			Squeeze Type								
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth 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 Apr/17/2020 00:00		Arrived on Location Apr/17/2020 00:00		Leave Location Apr/17/2020 12:00		Collar Type Float			Tail Pipe Depth ft								
						Collar Depth ft			Sqz. Total Vol. bbl								
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message											
04/17/2020	06:50:15	-5	0.8	8.39	0.0	Started Acquisition											
04/17/2020	06:50:16	-5	0.8	8.39	0.0	Start Job											
04/17/2020	06:50:19	-5	0.8	8.39	0.0	Held JSA											
04/17/2020	06:50:20	-5	0.8	8.39	0.0	Water Sample Taken. Tested											
04/17/2020	06:50:22	-5	0.8	8.39	0.0	Start Pumping Water											
04/17/2020	06:50:24	-5	0.8	8.39	0.0	Pressure Test Lines											
04/17/2020	06:51:15	-4	0.8	8.39	0.0												
04/17/2020	06:52:15	-4	0.8	8.39	0.0												
04/17/2020	06:53:15	38	0.0	8.38	0.0												
04/17/2020	06:54:15	241	1.7	8.39	0.0												
04/17/2020	06:55:15	674	1.7	8.38	0.0												
04/17/2020	06:56:15	930	3.3	8.38	0.0												
04/17/2020	06:57:15	488	0.0	8.44	0.0												
04/17/2020	06:58:15	909	0.0	8.43	0.0												
04/17/2020	06:59:15	833	0.0	8.43	0.0												
04/17/2020	07:00:15	5455	0.0	8.42	0.0												
04/17/2020	07:01:15	6413	0.0	8.43	0.0												
04/17/2020	07:02:15	6280	0.0	8.43	0.0												
04/17/2020	07:03:15	6185	0.0	8.43	0.0												
04/17/2020	07:04:15	6110	0.0	8.43	0.0												
04/17/2020	07:05:15	-7	0.0	8.43	0.0												

Well			Field		Job Start	Customer	Job Number
Damore 18-8HZ			DJ		Apr/17/2020	Anadarko	EAJ7-01286
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/17/2020	07:06:56	371	0.0	8.43	0.0	End Water	
04/17/2020	07:06:58	370	0.0	8.43	0.0	Reset Total, Vol = 7.14 bbl	
04/17/2020	07:07:00	371	0.0	8.43	0.0	Start Pumping Spacer	
04/17/2020	07:07:15	377	0.0	8.43	0.0		
04/17/2020	07:09:15	409	0.0	8.43	0.0		
04/17/2020	07:10:15	414	0.0	8.43	0.0		
04/17/2020	07:11:15	879	1.1	10.89	0.0		
04/17/2020	07:12:15	965	3.3	10.79	0.0		
04/17/2020	07:13:15	909	2.2	10.80	0.0		
04/17/2020	07:14:15	1044	2.2	10.83	0.0		
04/17/2020	07:15:15	806	2.2	10.86	0.0		
04/17/2020	07:16:15	941	2.2	10.86	0.0		
04/17/2020	07:17:15	783	2.2	10.86	0.0		
04/17/2020	07:18:15	710	2.2	10.86	0.0		
04/17/2020	07:19:15	991	4.5	10.88	0.0		
04/17/2020	07:20:15	1209	6.4	10.89	0.0		
04/17/2020	07:21:15	1203	6.4	10.90	0.0		
04/17/2020	07:22:15	1195	6.4	10.90	0.0		
04/17/2020	07:23:15	1171	6.4	10.90	0.0		
04/17/2020	07:24:15	1152	6.4	10.91	0.0		
04/17/2020	07:25:15	864	4.5	10.91	0.0		
04/17/2020	07:26:15	857	4.5	10.91	0.0		
04/17/2020	07:27:15	813	4.5	10.92	0.0		
04/17/2020	07:28:15	785	4.5	10.98	0.0		
04/17/2020	07:28:45	812	4.5	10.97	0.0	End Spacer	
04/17/2020	07:28:46	783	4.5	10.97	0.0	Reset Total, Vol = 80.10 bbl	
04/17/2020	07:29:15	793	4.5	10.98	0.0		
04/17/2020	07:30:12	241	0.0	11.13	0.0	Drop Bottom Plug	
04/17/2020	07:30:15	235	0.0	11.12	0.0		
04/17/2020	07:31:15	185	0.0	11.11	0.0		
04/17/2020	07:32:15	171	0.0	11.09	0.0		
04/17/2020	07:33:15	163	0.0	11.09	0.0		
04/17/2020	07:34:15	160	0.0	11.08	0.0		
04/17/2020	07:35:15	154	0.0	11.08	0.0		
04/17/2020	07:36:15	323	0.6	11.07	0.0		
04/17/2020	07:37:15	1065	4.4	11.87	0.0		
04/17/2020	07:38:06	1479	6.3	11.93	0.0	Start Mixing Lead Slurry	
04/17/2020	07:38:09	1867	6.6	11.94	0.0	Wet and Dry Samples Taken	
04/17/2020	07:38:15	1956	8.2	11.95	0.0		
04/17/2020	07:39:15	2025	8.1	12.06	0.0		
04/17/2020	07:40:15	1446	6.3	12.05	0.0		
04/17/2020	07:41:15	1415	6.3	12.11	0.0		
04/17/2020	07:42:15	937	4.5	12.07	0.0		
04/17/2020	07:43:15	920	4.5	12.04	0.0		
04/17/2020	07:44:15	863	4.5	11.98	0.0		
04/17/2020	07:45:15	835	4.5	11.97	0.0		
04/17/2020	07:46:15	853	4.5	11.94	0.0		
04/17/2020	07:47:15	1261	6.4	11.94	0.0		
04/17/2020	07:48:15	1236	6.4	11.97	0.0		
04/17/2020	07:49:15	1217	6.3	12.00	0.0		
04/17/2020	07:50:15	1137	6.4	12.06	0.0		
04/17/2020	07:51:15	1144	6.4	12.03	0.0		
04/17/2020	07:52:15	1040	6.3	11.93	0.0		
04/17/2020	07:53:15	1031	6.4	12.03	0.0		

Well			Field	Job Start		Customer	Job Number
Damore 18-8HZ			DJ	Apr/17/2020		Anadarko	EAJ7-01286
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
04/17/2020	07:55:15	999	6.4	11.96	0.0		
04/17/2020	07:56:15	963	6.4	11.93	0.0		
04/17/2020	07:57:15	941	6.4	11.93	0.0		
04/17/2020	07:58:15	933	6.4	11.92	0.0		
04/17/2020	07:59:15	910	6.4	11.93	0.0		
04/17/2020	08:00:15	894	6.4	11.94	0.0		
04/17/2020	08:01:15	888	6.4	11.93	0.0		
04/17/2020	08:02:15	867	6.4	11.94	0.0		
04/17/2020	08:03:15	889	6.4	11.98	0.0		
04/17/2020	08:04:15	922	6.4	12.01	0.0		
04/17/2020	08:05:15	898	6.4	12.02	0.0		
04/17/2020	08:05:20	918	6.4	12.02	0.0	End Lead Slurry	
04/17/2020	08:05:47	15	0.4	12.36	0.0	Reset Total, Vol = 177.33 bbl	
04/17/2020	08:06:15	9	0.0	12.45	0.0		
04/17/2020	08:07:15	9	0.0	12.41	0.0		
04/17/2020	08:08:15	10	0.0	12.41	0.0		
04/17/2020	08:09:15	11	0.0	12.40	0.0		
04/17/2020	08:10:15	11	0.0	12.39	0.0		
04/17/2020	08:11:15	234	3.5	13.66	0.0		
04/17/2020	08:12:00	338	4.5	13.31	0.0	Start Mixing Tail Slurry	
04/17/2020	08:12:15	340	4.5	13.33	0.0		
04/17/2020	08:13:15	588	6.4	13.45	0.0		
04/17/2020	08:13:25	890	7.7	13.45	0.0	Wet and DrySamples Taken	
04/17/2020	08:13:26	909	8.0	13.46	0.0	1048 sks, 1.64 Yield, 7.95 gal/sk	
04/17/2020	08:14:15	904	8.3	13.48	0.0		
04/17/2020	08:16:15	1211	8.3	13.51	0.0		
04/17/2020	08:17:15	1226	8.3	13.49	0.0		
04/17/2020	08:18:15	1168	8.3	13.50	0.0		
04/17/2020	08:19:15	1124	8.3	13.53	0.0		
04/17/2020	08:20:15	1118	8.3	13.51	0.0		
04/17/2020	08:21:15	1071	8.3	13.49	0.0		
04/17/2020	08:22:15	1053	8.3	13.44	0.0		
04/17/2020	08:23:15	1056	8.3	13.43	0.0		
04/17/2020	08:24:15	1041	8.3	13.48	0.0		
04/17/2020	08:25:15	1067	8.3	13.44	0.0		
04/17/2020	08:26:15	1030	8.3	13.37	0.0		
04/17/2020	08:27:15	1056	8.3	13.53	0.0		
04/17/2020	08:28:15	1123	8.3	13.57	0.0		
04/17/2020	08:29:15	1212	8.3	13.51	0.0		
04/17/2020	08:30:15	1228	8.3	13.50	0.0		
04/17/2020	08:31:15	1434	8.3	13.51	0.0		
04/17/2020	08:32:15	1356	8.3	13.48	0.0		
04/17/2020	08:33:15	1363	8.3	13.43	0.0		
04/17/2020	08:34:15	1251	8.3	13.39	0.0		
04/17/2020	08:35:15	1340	8.3	13.38	0.0		
04/17/2020	08:36:15	1291	8.3	13.42	0.0		
04/17/2020	08:37:15	1228	8.3	13.48	0.0		
04/17/2020	08:38:15	1235	8.3	13.51	0.0		
04/17/2020	08:39:15	1287	8.3	13.53	0.0		
04/17/2020	08:40:15	1247	8.3	13.54	0.0		
04/17/2020	08:41:15	1217	8.3	13.55	0.0		
04/17/2020	08:42:15	1214	8.3	13.54	0.0		
04/17/2020	08:43:15	1260	8.3	13.55	0.0		
04/17/2020	08:44:15	1267	8.3	13.51	0.0		

Well			Field		Job Start		Customer		Job Number	
Damore 18-8HZ			DJ		Apr/17/2020		Anadarko		EAJ7-01286	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/17/2020	08:46:15	1221	8.3	13.53	0.0					
04/17/2020	08:47:15	1230	8.3	13.52	0.0					
04/17/2020	08:48:15	1249	8.3	13.48	0.0					
04/17/2020	08:48:59	1262	8.3	13.42	0.0	End Tail Slurry				
04/17/2020	08:49:00	665	8.1	13.42	0.0	Reset Total, Vol = 307.40 bbl				
04/17/2020	08:49:15	17	0.0	13.45	0.0					
04/17/2020	08:50:15	16	0.0	13.44	0.0					
04/17/2020	08:51:15	16	0.0	13.44	0.0					
04/17/2020	08:52:15	17	0.0	13.44	0.0					
04/17/2020	08:53:15	18	0.0	13.43	0.0					
04/17/2020	08:54:15	18	0.0	13.43	0.0					
04/17/2020	08:55:01	69	0.7	9.16	0.0	Washup Pump and Line				
04/17/2020	08:55:15	266	3.7	9.18	0.0					
04/17/2020	08:56:15	181	4.3	9.50	0.0					
04/17/2020	08:57:15	175	4.3	9.36	0.0					
04/17/2020	08:58:15	191	4.2	8.38	0.0					
04/17/2020	08:59:15	177	4.2	8.38	0.0					
04/17/2020	09:00:15	218	0.0	8.44	0.0					
04/17/2020	09:01:15	13	0.0	8.38	0.0					
04/17/2020	09:02:15	1	0.0	8.37	0.0					
04/17/2020	09:03:15	0	0.0	8.37	0.0					
04/17/2020	09:04:15	168	4.6	8.40	0.0					
04/17/2020	09:05:15	402	8.3	8.40	0.0					
04/17/2020	09:06:15	376	8.3	8.40	0.0					
04/17/2020	09:07:15	377	8.3	8.38	0.0					
04/17/2020	09:07:52	382	8.3	8.38	0.0	Drop Top Plug				
04/17/2020	09:07:53	379	8.3	8.38	0.0	Start Displacement				
04/17/2020	09:07:54	377	8.3	8.38	0.0	Sugar In First 20 bbls				
04/17/2020	09:07:55	377	8.3	8.38	0.0	Biocide Added				
04/17/2020	09:08:15	387	8.3	8.38	0.0					
04/17/2020	09:09:15	1354	8.2	8.38	0.0					
04/17/2020	09:10:15	1436	8.2	8.38	0.0					
04/17/2020	09:11:15	1505	8.2	8.38	0.0					
04/17/2020	09:12:15	1582	8.2	8.38	0.0					
04/17/2020	09:13:15	1672	8.2	8.38	0.0					
04/17/2020	09:14:15	1714	8.2	8.38	0.0					
04/17/2020	09:15:15	1796	8.2	8.38	0.0					
04/17/2020	09:16:15	1886	8.2	8.38	0.0					
04/17/2020	09:17:15	1959	8.2	8.38	0.0					
04/17/2020	09:18:15	2050	8.2	8.38	0.0					
04/17/2020	09:19:15	2128	8.2	8.38	0.0					
04/17/2020	09:20:15	2225	8.1	8.38	0.0					
04/17/2020	09:21:15	2329	8.1	8.38	0.0					
04/17/2020	09:22:15	2401	8.1	8.38	0.0					
04/17/2020	09:23:15	2487	8.1	8.38	0.0					
04/17/2020	09:24:15	2770	8.1	8.38	0.0					
04/17/2020	09:25:15	2854	8.1	8.38	0.0					
04/17/2020	09:26:15	2914	8.1	8.38	0.0					
04/17/2020	09:27:15	2904	8.1	8.38	0.0					
04/17/2020	09:28:15	2668	7.2	8.38	0.0					
04/17/2020	09:29:15	2393	6.3	8.39	0.0					
04/17/2020	09:30:15	2402	6.3	8.39	0.0					
04/17/2020	09:31:15	2406	6.3	8.38	0.0					
04/17/2020	09:32:15	2411	6.3	8.38	0.0					

Well			Field		Job Start		Customer		Job Number	
Damore 18-8HZ			DJ		Apr/17/2020		Anadarko		EAJ7-01286	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
04/17/2020	09:34:15	2475	6.3	8.38	0.0					
04/17/2020	09:35:15	2492	6.3	8.38	0.0					
04/17/2020	09:36:15	2509	6.3	8.38	0.0					
04/17/2020	09:37:15	2522	6.3	8.38	0.0					
04/17/2020	09:38:15	2590	6.3	8.38	0.0					
04/17/2020	09:39:15	2587	6.3	8.38	0.0					
04/17/2020	09:40:15	2587	6.3	8.38	0.0					
04/17/2020	09:41:15	2652	6.3	8.38	0.0					
04/17/2020	09:42:15	2669	6.3	8.38	0.0					
04/17/2020	09:43:15	2687	6.3	8.38	0.0					
04/17/2020	09:44:15	2687	6.3	8.38	0.0					
04/17/2020	09:45:15	2752	6.3	8.38	0.0					
04/17/2020	09:46:15	2772	6.3	8.38	0.0					
04/17/2020	09:47:15	2786	6.3	8.38	0.0					
04/17/2020	09:48:15	2808	6.3	8.38	0.0					
04/17/2020	09:50:15	2863	6.3	8.38	0.0					
04/17/2020	09:51:15	2863	6.3	8.38	0.0					
04/17/2020	09:52:15	2867	6.3	8.38	0.0					
04/17/2020	09:53:15	2920	6.3	8.38	0.0					
04/17/2020	09:54:15	2937	6.3	8.38	0.0					
04/17/2020	09:55:15	2919	6.3	8.37	0.0					
04/17/2020	09:56:15	2747	5.1	8.37	0.0					
04/17/2020	09:57:15	2641	5.2	8.38	0.0					
04/17/2020	09:58:15	2676	5.2	8.37	0.0					
04/17/2020	09:59:15	2708	5.1	8.38	0.0					
04/17/2020	10:00:15	2764	5.1	8.38	0.0					
04/17/2020	10:01:15	2744	5.1	8.38	0.0					
04/17/2020	10:02:15	2412	3.3	8.38	0.0					
04/17/2020	10:03:15	2348	3.3	8.38	0.0					
04/17/2020	10:04:15	2376	3.3	8.38	0.0					
04/17/2020	10:04:56	2389	3.3	8.37	0.0	35 bbls Spacer to Surface				
04/17/2020	10:05:15	2427	3.3	8.38	0.0					
04/17/2020	10:06:15	2424	3.3	8.37	0.0					
04/17/2020	10:07:12	3015	0.0	8.38	0.0	Bump Top Plug 2450-3000 PSI				
04/17/2020	10:07:15	2877	0.0	8.38	0.0					
04/17/2020	10:07:44	2916	0.0	8.38	0.0	End Displacement				
04/17/2020	10:07:45	2914	0.0	8.38	0.0	Reset Total, Vol = 407.7 bbl				
04/17/2020	10:07:50	3021	0.0	8.38	0.0	Start 15 min, 3K Casing Test				
04/17/2020	10:08:15	2959	0.0	8.38	0.0					
04/17/2020	10:09:15	2992	0.0	8.38	0.0					
04/17/2020	10:10:15	3019	0.0	8.38	0.0					
04/17/2020	10:11:15	3018	0.0	8.38	0.0					
04/17/2020	10:12:15	3031	0.0	8.38	0.0					
04/17/2020	10:13:15	3049	0.0	8.38	0.0					
04/17/2020	10:14:15	3072	0.0	8.38	0.0					
04/17/2020	10:15:15	3089	0.0	8.38	0.0					
04/17/2020	10:17:15	3120	0.0	8.38	0.0					
04/17/2020	10:18:15	3137	0.0	8.38	0.0					
04/17/2020	10:19:15	3153	0.0	8.38	0.0					
04/17/2020	10:20:15	3169	0.0	8.38	0.0					
04/17/2020	10:21:15	3184	0.0	8.38	0.0					
04/17/2020	10:22:15	3200	0.0	8.38	0.0					
04/17/2020	10:23:15	3214	0.0	8.38	0.0					
04/17/2020	10:24:15	3230	0.0	8.38	0.0					

Well			Field		Job Start	Customer		Job Number
Damore 18-8HZ			DJ		Apr/17/2020	Anadarko		EAJ7-01286
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
04/17/2020	10:26:15	3259	0.0	8.38	0.0			
04/17/2020	10:27:11	3777	2.2	8.38	0.0	WSS Open, 4900 psi		
04/17/2020	10:27:12	3815	2.2	8.38	0.0	Pump 3 bbl Wet Shoe		
04/17/2020	10:27:15	3916	2.2	8.37	0.0			
04/17/2020	10:28:15	3006	2.2	8.37	0.0			
04/17/2020	10:29:15	2225	2.2	8.38	0.0			
04/17/2020	10:30:15	1723	0.0	8.38	0.0			
04/17/2020	10:31:15	1501	0.0	8.38	0.0			
04/17/2020	10:31:28	313	0.0	8.38	0.0	Floats Hold, 2 Bbls Back		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.1	N2	Mud	Maximum Rate 16.6	Total Slurry 574.0	Mud 0.0	Spacer 80.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6762	Final 0	Average 1613	Bump Plug to 3000	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 573.0 bbl	Displacement 407.7 bbl	Mix Water Temp 73 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative Josh Johnson			Schlumberger Supervisor Ryan Drilling/Colby Dravis		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		