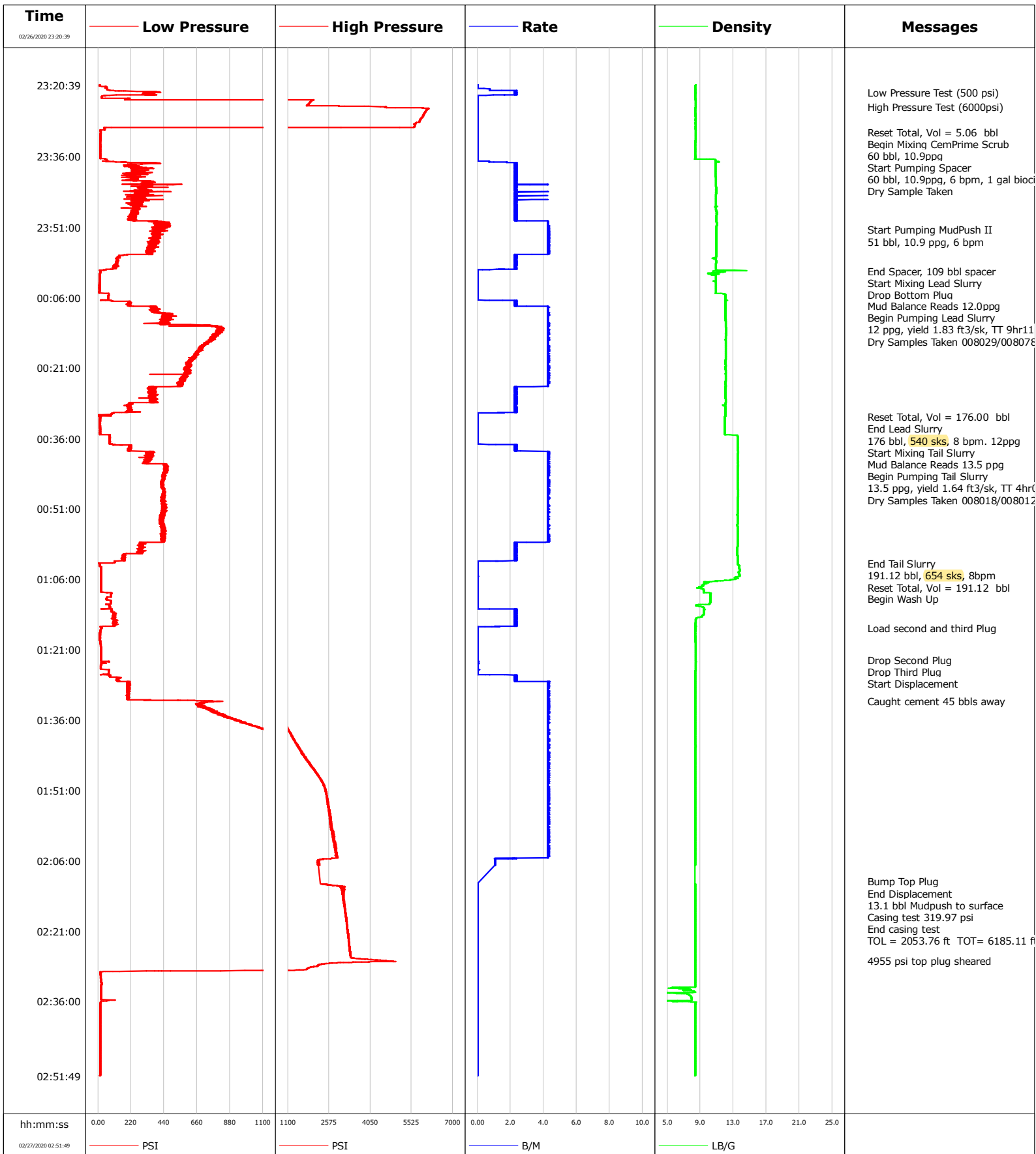


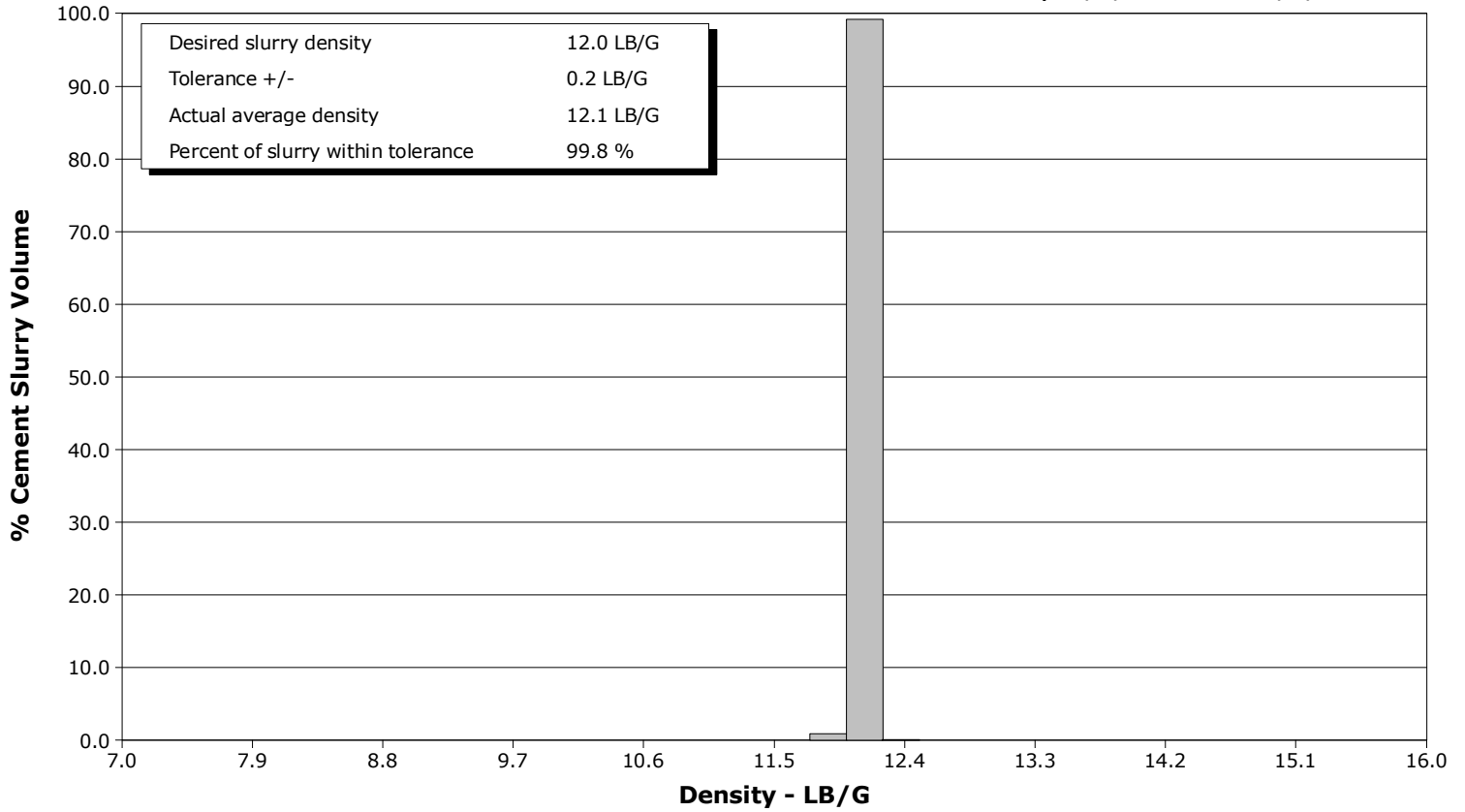
Well	Mae J8-1Hz	Client	Anadarko
Field		SIR No.	EAJ7-01251
Engineer	Emily Firehammer	Job Type	Production
Country	United States	Job Date	02-26-2020



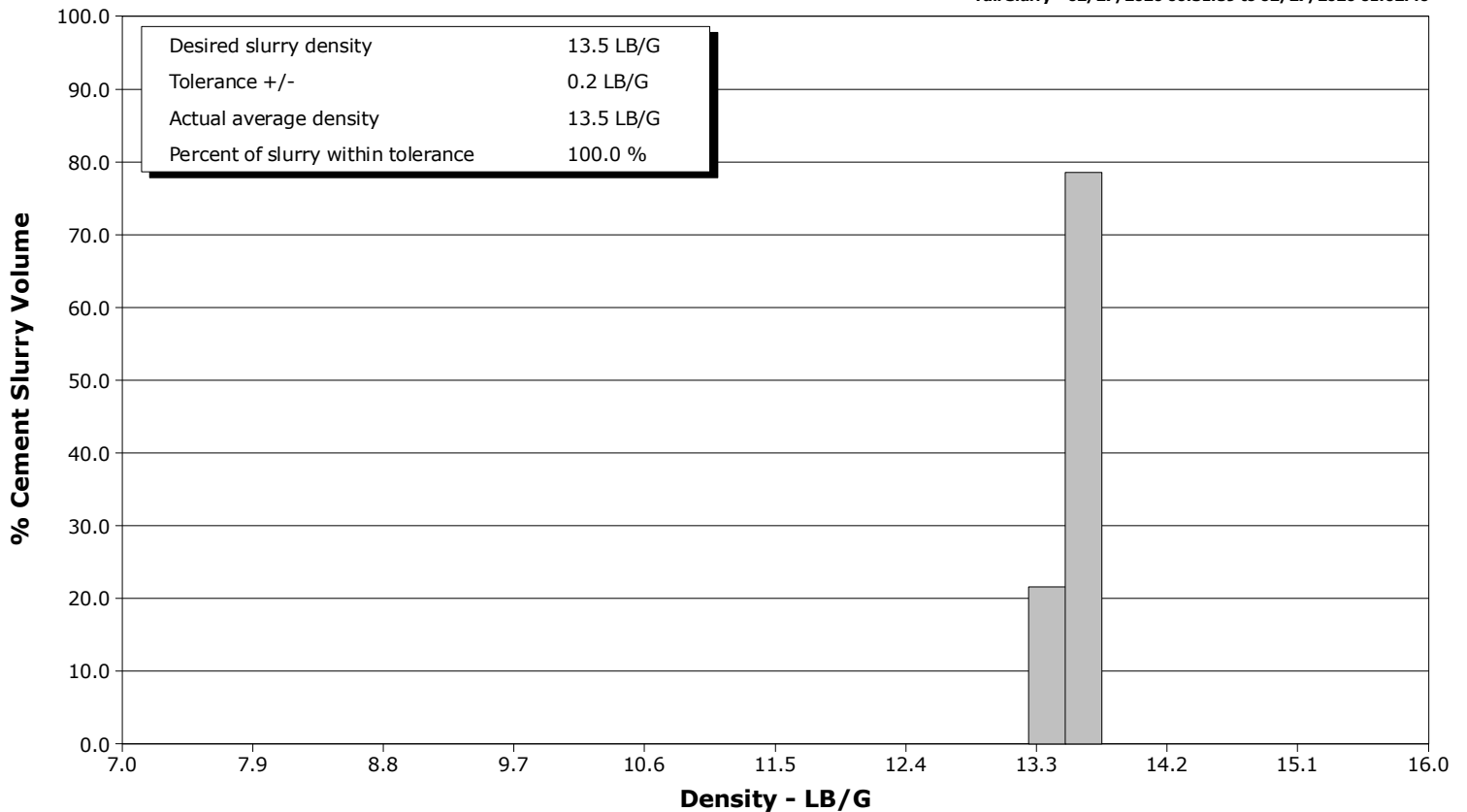
Well Mae J8-1Hz
Field
Engineer Emily Firehammer
Country United States

Client Anadarko
SIR No. EAJ7-01251
Job Type Production
Job Date 02-26-2020

Lead Slurry - 02/27/2020 00:00:40 to 02/27/2020 00:31:46



Tail Slurry - 02/27/2020 00:31:59 to 02/27/2020 01:02:40



				Customer Anadarko			Job Number EAJ7-01251	
Well Mae J8-1Hz		Location (legal) Precision 461		Schlumberger Location Cheyenne		Job Start Feb/26/2020		
Field		Formation Name/Type		Deviation deg	Bit Size 7.9 in	Well MD 13934.7 ft	Well TVD 7851.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 230 degF	BHCT 230 degF	Pore Press. Gradient lb/gal	
Well Master		API/UWI						
Rig Name		Drilled For		Service Via Land		Casing/Liner		
				Depth, ft	Size, in	Weight, lb/ft	Grade	
							Thread	
Offshore Zone		Well Class New		Well Type Development				
				1901.0	9.6	36.0	J55	
				13934.7	5.5	17.0	8RD	
Drilling Fluid Type Oil Mud		Max. Density 9.40 lb/gal	Plastic Viscosity cP		Tubing/Drill Pipe			
					T/D	Depth, ft	Size, in	
							Weight, lb/ft	
							Grade	
							Thread	
Service Line Cementing		Job Type Production						
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection		Perforations/Open Hole		
						Top, ft	Bottom, ft	
						shot/ft	No. of Shots	
							Total Interval ft	
							Diameter in	
						Treat Down Casing	Displacement 323.0 bbl	
						Packer Type None	Packer Depth 0.0 ft	
						Tubing Vol. bbl	Casing Vol. 323.0 bbl	
						Annular Vol. 91.1 bbl	Openhole Vol. 371.8 bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure 9971 psi				Shoe Type Float		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth 13934.0 ft		Tool Type		
No. Centralizers		Top Plugs 1	Bottom Plugs 2	Stage Tool Type		Tool Depth ft		
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Feb/26/2020 13:30		Arrived on Location Feb/26/2020 13:30		Leave Location Feb/26/2020 23:32		Collar Type Float		
						Tail Pipe Depth ft		
						Collar Depth 13922.0 ft		
						Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/26/2020	23:20:39	11	0.1	8.41	0.0	Started Acquisition		
02/26/2020	23:21:40	62	0.7	8.40	0.9			
02/26/2020	23:22:19	322	4.5	8.42	2.6	Low Pressure Test (500 psi)		
02/26/2020	23:22:41	366	4.5	8.40	4.2			
02/26/2020	23:23:42	184	0.0	8.40	5.1			
02/26/2020	23:24:43	1852	0.0	8.41	5.1			
02/26/2020	23:25:20	4602	0.0	8.41	5.1	High Pressure Test (6000psi)		
02/26/2020	23:25:44	6129	0.0	8.40	5.1			
02/26/2020	23:26:45	5980	0.0	8.40	5.1			
02/26/2020	23:27:46	5861	0.0	8.40	5.1			
02/26/2020	23:28:47	5696	0.0	8.40	5.1			
02/26/2020	23:29:48	39	0.0	8.40	5.1			
02/26/2020	23:30:45	16	0.0	8.41	5.1	Reset Total, Vol = 5.06 bbl		
02/26/2020	23:30:49	17	0.0	8.40	5.1			
02/26/2020	23:31:40	17	0.0	8.41	5.1	Begin Mixing CemPrime Scrub		
02/26/2020	23:31:48	17	0.0	8.40	5.1	60 bbl, 10.9ppg		
02/26/2020	23:31:50	17	0.0	8.41	5.1			
02/26/2020	23:32:51	16	0.0	8.40	5.1			
02/26/2020	23:33:52	17	0.0	8.40	5.1			
02/26/2020	23:34:53	16	0.0	8.40	5.1			
02/26/2020	23:35:54	16	0.0	8.40	5.1			

Well			Field		Job Start	Customer		Job Number
Mae J8-1Hz					Feb/26/2020	Anadarko		EAJ7-01251
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
02/26/2020	23:36:42	57	0.4	10.80	5.4	60 bbl, 10.9ppg, 6 bpm, 1 gal biocide		
02/26/2020	23:36:55	74	0.0	10.82	5.5			
02/26/2020	23:37:56	267	2.2	10.80	8.2			
02/26/2020	23:38:57	319	2.2	10.80	10.5			
02/26/2020	23:39:58	191	2.1	10.84	12.8			
02/26/2020	23:40:06	283	2.2	10.84	13.1	Dry Sample Taken		
02/26/2020	23:40:59	161	2.2	10.86	15.0			
02/26/2020	23:42:00	365	5.1	10.87	19.2			
02/26/2020	23:43:01	307	4.5	10.91	23.7			
02/26/2020	23:44:02	246	4.4	10.90	28.3			
02/26/2020	23:45:03	220	4.2	10.90	32.7			
02/26/2020	23:46:04	268	4.3	10.88	37.2			
02/26/2020	23:47:05	229	4.3	10.89	41.6			
02/26/2020	23:48:06	253	4.4	10.97	46.1			
02/26/2020	23:49:07	249	4.4	10.93	50.6			
02/26/2020	23:50:08	447	6.4	10.99	56.0			
02/26/2020	23:51:09	366	6.4	10.96	62.4			
02/26/2020	23:51:34	400	6.4	10.95	65.1	Start Pumping MudPush II		
02/26/2020	23:51:55	409	6.4	10.93	67.3	51 bbl, 10.9 ppg, 6 bpm		
02/26/2020	23:52:10	392	6.4	10.95	68.9			
02/26/2020	23:53:11	376	6.4	10.94	75.4			
02/26/2020	23:54:12	412	6.4	10.94	81.9			
02/26/2020	23:55:13	362	6.4	10.93	88.4			
02/26/2020	23:56:14	369	6.4	10.92	94.9			
02/26/2020	23:57:15	140	4.6	10.89	100.7			
02/26/2020	23:58:16	121	4.6	10.91	105.4			
02/26/2020	23:59:17	135	4.5	10.90	110.0			
02/27/2020	00:00:18	18	0.0	10.78	113.8			
02/27/2020	00:00:22	17	0.0	11.51	113.8	End Spacer, 109 bbl spacer		
02/27/2020	00:00:40	14	0.0	11.44	113.8	Start Mixing Lead Slurry		
02/27/2020	00:00:41	14	0.0	11.02	113.8	Drop Bottom Plug		
02/27/2020	00:01:19	11	0.0	10.89	113.9			
02/27/2020	00:02:20	11	0.0	10.90	113.9			
02/27/2020	00:03:21	10	0.0	10.87	113.9			
02/27/2020	00:04:22	9	0.0	10.88	113.9			
02/27/2020	00:05:23	71	2.4	12.01	114.8			
02/27/2020	00:06:24	69	2.1	12.03	116.9			
02/27/2020	00:07:25	213	4.4	12.04	120.4			
02/27/2020	00:07:41	216	4.5	12.03	121.6	Mud Balance Reads 12.0ppg		
02/27/2020	00:07:57	392	6.3	12.04	122.9	Begin Pumping Lead Slurry		
02/27/2020	00:07:58	344	6.3	12.04	123.0	12 ppg, yield 1.83 ft3/sk, TT 9hr11min		
02/27/2020	00:08:00	354	6.4	12.04	123.3	Dry Samples Taken 008029/008078		
02/27/2020	00:08:26	393	6.4	12.03	126.0			
02/27/2020	00:09:27	426	6.4	12.02	132.5			
02/27/2020	00:10:28	430	6.4	12.04	139.0			
02/27/2020	00:11:29	307	6.4	12.06	145.5			
02/27/2020	00:12:30	825	8.3	12.11	153.3			
02/27/2020	00:13:31	799	8.3	12.11	161.7			
02/27/2020	00:14:32	746	8.3	12.09	170.1			
02/27/2020	00:15:33	738	8.3	12.09	178.5			
02/27/2020	00:16:34	700	8.3	12.06	187.0			
02/27/2020	00:17:35	663	8.3	12.06	195.4			
02/27/2020	00:18:36	646	8.3	12.06	203.8			
02/27/2020	00:19:37	596	8.3	12.03	212.2			

Well		Field		Job Start		Customer		Job Number	
Mae J8-1Hz				Feb/26/2020		Anadarko		EAJ7-01251	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/27/2020	00:21:39	592	8.3	12.06	229.1				
02/27/2020	00:22:40	570	8.3	12.07	237.6				
02/27/2020	00:23:41	581	8.3	12.06	246.0				
02/27/2020	00:24:42	551	8.3	12.05	254.5				
02/27/2020	00:25:43	360	6.4	12.02	261.5				
02/27/2020	00:26:44	380	6.4	12.04	268.0				
02/27/2020	00:27:45	372	6.4	12.05	274.6				
02/27/2020	00:28:46	213	4.5	11.99	280.4				
02/27/2020	00:29:47	203	4.5	12.04	285.1				
02/27/2020	00:30:48	92	2.7	12.01	289.2				
02/27/2020	00:31:26	14	0.0	11.97	289.7	Reset Total, Vol = 176.00 bbl			
02/27/2020	00:31:46	13	0.0	11.97	289.7	End Lead Slurry			
02/27/2020	00:31:47	14	0.0	11.97	289.7	176 bbl, 540 sks, 8 bpm. 12ppg			
02/27/2020	00:31:49	13	0.0	11.97	289.7				
02/27/2020	00:31:59	13	0.0	11.97	289.7	Start Mixing Tail Slurry			
02/27/2020	00:32:43	13	0.0	11.97	289.7	Mud Balance Reads 13.5 ppg			
02/27/2020	00:32:50	13	0.0	11.97	289.7				
02/27/2020	00:33:51	13	0.0	11.98	289.7				
02/27/2020	00:34:43	13	0.0	11.98	289.7	Begin Pumping Tail Slurry			
02/27/2020	00:34:52	13	0.0	11.98	289.7				
02/27/2020	00:35:53	79	1.7	13.49	291.1				
02/27/2020	00:36:43	78	1.8	13.52	292.5	Dry Samples Taken 008018/008012			
02/27/2020	00:36:54	78	1.8	13.53	292.8				
02/27/2020	00:37:55	205	4.5	13.54	296.0				
02/27/2020	00:38:56	338	6.4	13.55	300.9				
02/27/2020	00:39:57	325	6.4	13.53	307.5				
02/27/2020	00:40:58	336	6.4	13.54	314.0				
02/27/2020	00:41:59	462	8.3	13.54	321.5				
02/27/2020	00:43:00	453	8.4	13.53	330.0				
02/27/2020	00:44:01	452	8.4	13.50	338.5				
02/27/2020	00:45:02	427	8.3	13.51	347.0				
02/27/2020	00:46:03	429	8.3	13.51	355.4				
02/27/2020	00:47:04	443	8.3	13.57	363.9				
02/27/2020	00:48:05	437	8.3	13.56	372.3				
02/27/2020	00:49:06	422	8.3	13.50	380.8				
02/27/2020	00:50:07	448	8.3	13.50	389.3				
02/27/2020	00:51:08	441	8.3	13.49	397.8				
02/27/2020	00:52:09	418	8.3	13.48	406.3				
02/27/2020	00:53:10	435	8.4	13.48	414.8				
02/27/2020	00:54:11	420	8.4	13.49	423.3				
02/27/2020	00:55:12	435	8.4	13.50	431.8				
02/27/2020	00:56:13	440	8.3	13.50	440.3				
02/27/2020	00:57:14	421	8.4	13.50	448.8				
02/27/2020	00:58:15	298	6.5	13.53	457.1				
02/27/2020	01:00:17	272	6.5	13.47	470.2				
02/27/2020	01:01:18	169	4.6	13.49	475.5				
02/27/2020	01:02:19	111	3.4	13.50	479.9				
02/27/2020	01:02:40	9	0.1	13.51	480.9	End Tail Slurry			
02/27/2020	01:02:42	10	0.0	13.51	480.9	Reset Total, Vol = 191.12 bbl			
02/27/2020	01:03:20	20	0.0	13.68	480.9				
02/27/2020	01:04:21	22	0.0	13.76	480.9				
02/27/2020	01:05:22	22	0.0	13.75	480.9				
02/27/2020	01:06:23	22	0.0	10.98	480.9				
02/27/2020	01:07:24	22	0.0	9.33	480.9				

Well		Field		Job Start		Customer		Job Number	
Mae J8-1Hz				Feb/26/2020		Anadarko		EAJ7-01251	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/27/2020	01:08:25	22	0.1	9.45	480.9				
02/27/2020	01:09:26	88	2.8	10.24	482.1				
02/27/2020	01:10:27	62	2.3	10.22	484.7				
02/27/2020	01:11:28	74	2.6	8.56	487.5				
02/27/2020	01:12:29	94	3.1	9.46	490.4				
02/27/2020	01:13:30	104	3.4	9.39	493.7				
02/27/2020	01:14:31	106	3.4	8.45	497.2				
02/27/2020	01:15:32	116	3.2	8.39	499.7				
02/27/2020	01:16:20	19	0.0	8.40	501.6	Load second and third Plug			
02/27/2020	01:17:34	13	0.0	8.40	501.6				
02/27/2020	01:18:35	13	0.0	8.40	501.6				
02/27/2020	01:19:36	16	0.0	8.41	501.6				
02/27/2020	01:20:37	23	0.0	8.43	501.6				
02/27/2020	01:21:38	22	0.0	8.43	501.6				
02/27/2020	01:22:39	22	0.0	8.43	501.6				
02/27/2020	01:23:08	22	0.0	8.43	501.6	Drop Second Plug			
02/27/2020	01:23:40	21	3.6	8.45	502.1				
02/27/2020	01:24:41	18	0.0	8.43	502.7				
02/27/2020	01:24:44	17	0.0	8.42	502.7	Drop Third Plug			
02/27/2020	01:25:30	73	4.2	8.40	503.6	Start Displacement			
02/27/2020	01:25:42	71	4.5	8.40	504.5				
02/27/2020	01:26:43	77	4.7	8.39	508.8				
02/27/2020	01:27:44	126	6.6	8.39	515.2				
02/27/2020	01:28:45	216	8.3	8.39	523.5				
02/27/2020	01:29:46	196	8.4	8.39	532.0				
02/27/2020	01:30:47	202	8.4	8.39	540.5				
02/27/2020	01:31:48	529	8.3	8.39	549.1				
02/27/2020	01:32:00	789	8.2	8.39	550.7	Caught cement 45 bbls away			
02/27/2020	01:32:49	664	8.1	8.39	557.4				
02/27/2020	01:34:51	811	8.2	8.39	574.2				
02/27/2020	01:35:52	901	8.2	8.39	582.5				
02/27/2020	01:36:53	1003	8.2	8.39	590.9				
02/27/2020	01:37:54	1087	8.2	8.39	599.2				
02/27/2020	01:38:55	1205	8.2	8.39	607.6				
02/27/2020	01:39:56	1294	8.2	8.39	615.9				
02/27/2020	01:40:57	1414	8.2	8.39	624.3				
02/27/2020	01:41:58	1511	8.2	8.39	632.6				
02/27/2020	01:42:59	1615	8.2	8.39	640.9				
02/27/2020	01:44:00	1753	8.1	8.38	649.1				
02/27/2020	01:45:01	1850	8.2	8.38	657.4				
02/27/2020	01:46:02	1964	8.1	8.38	665.6				
02/27/2020	01:47:03	2118	8.1	8.38	673.9				
02/27/2020	01:48:04	2201	8.1	8.38	682.2				
02/27/2020	01:49:05	2324	8.1	8.38	690.4				
02/27/2020	01:50:06	2402	8.1	8.38	698.7				
02/27/2020	01:51:07	2463	8.1	8.38	706.9				
02/27/2020	01:52:08	2485	8.1	8.38	715.1				
02/27/2020	01:53:09	2517	8.1	8.38	723.4				
02/27/2020	01:54:10	2548	8.1	8.38	731.6				
02/27/2020	01:55:11	2592	8.1	8.38	739.8				
02/27/2020	01:56:12	2594	8.1	8.38	748.1				
02/27/2020	01:57:13	2640	8.1	8.38	756.3				
02/27/2020	01:58:14	2643	8.1	8.38	764.5				
02/27/2020	01:59:15	2648	8.1	8.38	772.7				

Well		Field		Job Start		Customer		Job Number	
Mae J8-1Hz				Feb/26/2020		Anadarko		EAJ7-01251	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
02/27/2020	02:01:17	2710	8.1	8.38	789.2				
02/27/2020	02:02:18	2808	8.1	8.38	797.4				
02/27/2020	02:03:19	2781	8.1	8.38	805.6				
02/27/2020	02:04:20	2848	8.1	8.38	813.8				
02/27/2020	02:05:21	2864	8.1	8.38	822.0				
02/27/2020	02:06:22	2235	3.2	8.38	826.3				
02/27/2020	02:11:15	2692	1.3	8.38	828.5	End Displacement			
02/27/2020	02:11:16	2736	1.5	8.38	828.5	13.1 bbl Mudpush to surface			
02/27/2020	02:11:25	2955	2.1	8.38	828.8	Casing test 319.97 psi			
02/27/2020	02:11:27	3000	1.1	8.38	828.9				
02/27/2020	02:12:28	3129	0.0	8.38	828.9				
02/27/2020	02:13:29	3061	0.0	8.38	828.9				
02/27/2020	02:13:52	3075	0.0	8.38	828.9	End casing test			
02/27/2020	02:14:00	3100	0.0	8.38	828.9	TOL = 2053.76 ft TOT= 6185.11 ft			
02/27/2020	02:14:30	3112	0.0	8.38	828.9				
02/27/2020	02:15:31	3116	0.0	8.38	828.9				
02/27/2020	02:16:32	3151	0.0	8.38	828.9				
02/27/2020	02:17:33	3168	0.0	8.38	828.9				
02/27/2020	02:18:34	3192	0.0	8.38	828.9				
02/27/2020	02:19:35	3212	0.0	8.38	828.9				
02/27/2020	02:20:36	3231	0.0	8.38	828.9				
02/27/2020	02:21:37	3252	0.0	8.38	828.9				
02/27/2020	02:22:38	3270	0.0	8.38	828.9				
02/27/2020	02:23:39	3290	0.0	8.38	828.9				
02/27/2020	02:24:40	3309	0.0	8.38	828.9				
02/27/2020	02:25:41	3327	0.0	8.38	828.9				
02/27/2020	02:26:42	3407	0.3	8.38	828.9				
02/27/2020	02:27:24	4876	2.1	8.38	830.3	4955 psi top plug sheared			
02/27/2020	02:27:43	2914	2.2	8.38	831.0				
02/27/2020	02:28:44	1874	0.0	8.39	832.8				
02/27/2020	02:29:45	16	0.0	8.39	832.8				
02/27/2020	02:30:46	18	0.0	8.39	832.8				
02/27/2020	02:31:47	20	0.0	8.39	832.8				
02/27/2020	02:32:48	20	0.0	8.39	832.8				
02/27/2020	02:33:49	21	0.0	8.31	832.8				
02/27/2020	02:34:50	22	0.0	7.86	835.5				
02/27/2020	02:35:51	39	0.0	5.06	835.5				
02/27/2020	02:36:52	16	0.0	8.40	835.5				
02/27/2020	02:37:53	15	0.0	8.40	835.5				
02/27/2020	02:38:54	15	0.0	8.39	835.5				
02/27/2020	02:39:55	15	0.0	8.39	835.5				
02/27/2020	02:40:56	15	0.0	8.40	835.5				
02/27/2020	02:41:57	14	0.0	8.39	835.5				
02/27/2020	02:42:58	14	0.0	8.39	835.5				
02/27/2020	02:43:59	14	0.0	8.39	835.5				
02/27/2020	02:45:00	13	0.0	8.39	835.5				
02/27/2020	02:46:01	14	0.0	8.39	835.5				
02/27/2020	02:47:02	14	0.0	8.39	835.5				
02/27/2020	02:48:03	14	0.0	8.39	835.5				
02/27/2020	02:49:04	14	0.0	8.39	835.5				
02/27/2020	02:50:05	15	0.0	8.39	835.5				

Well Mae J8-1Hz	Field	Job Start Feb/26/2020	Customer Anadarko	Job Number EAJ7-01251
---------------------------	--------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 6.2	N2	Mud	Maximum Rate 25.0	Total Slurry 367.0	Mud 0.0	Spacer 109.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 6135	Final 14	Average 912	Bump Plug to 3100	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 323.0 bbl	Mix Water Temp 71 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	To ft	Job Completed <input checked="" type="checkbox"/>	
Customer or Authorized Representative Schlumberger Supervisor Emily Firehammer				Washed Thru Perfs <input type="checkbox"/>	Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
				-	-			