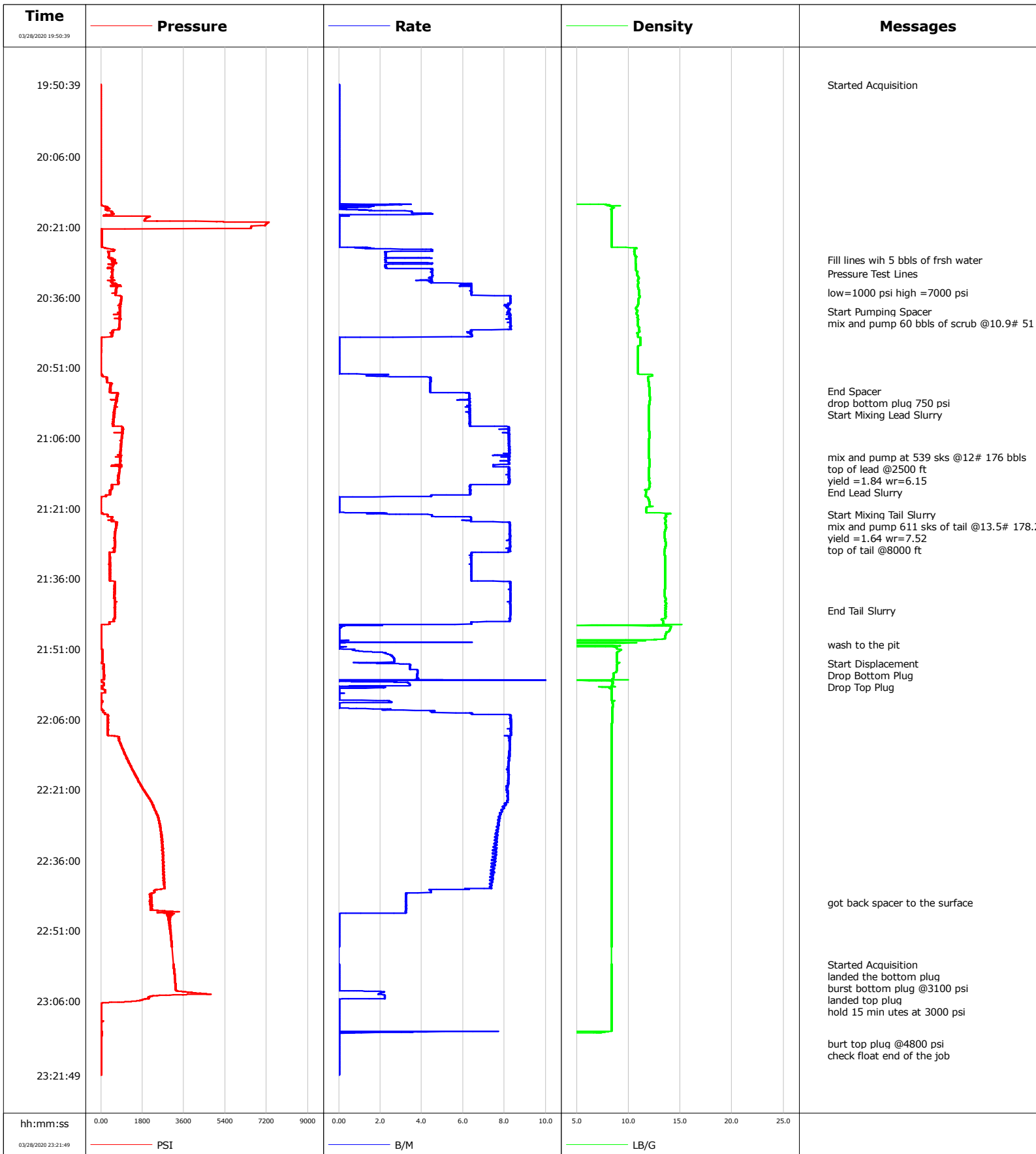


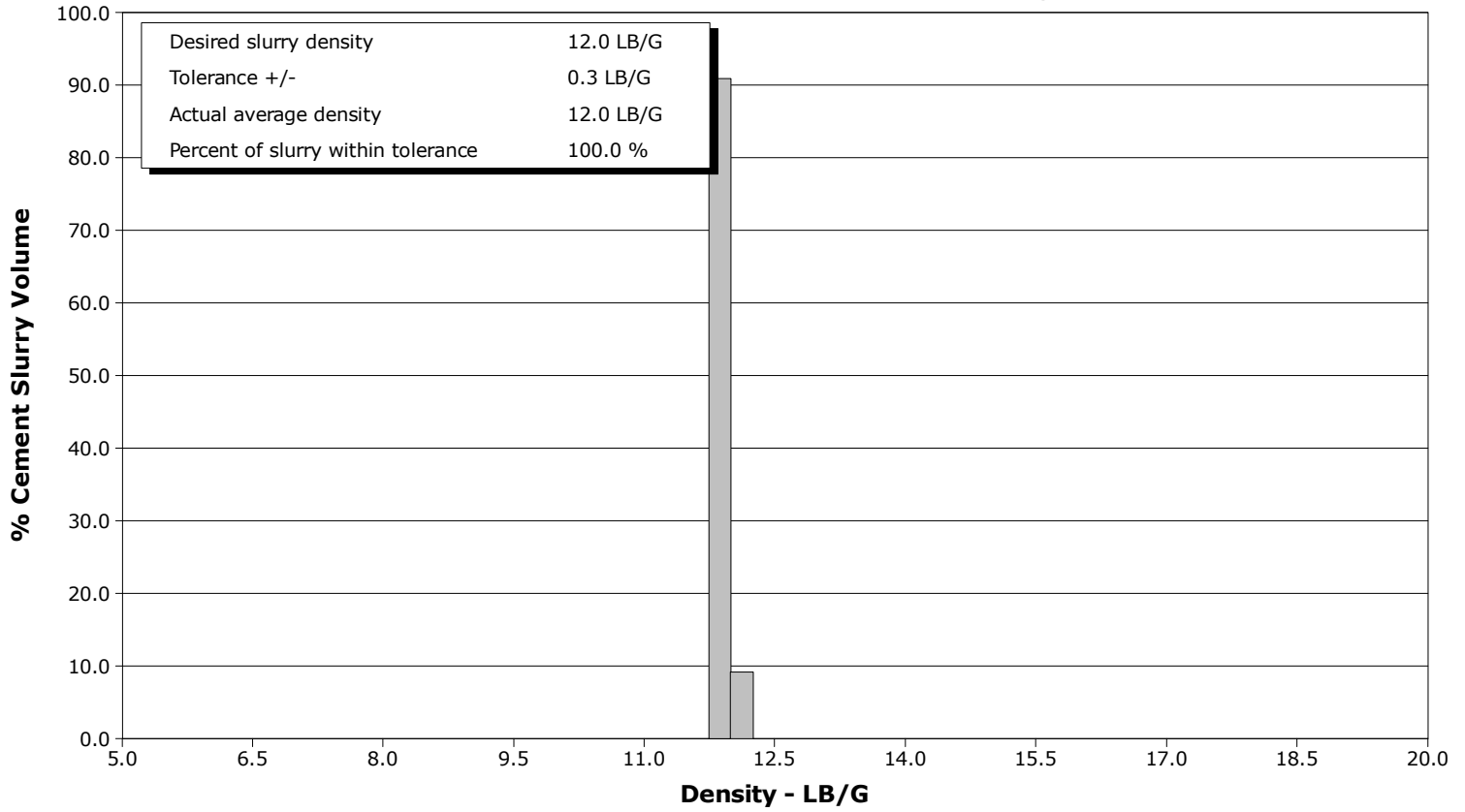
Well	MAE J	Client	ANADARKO
Field	DJ	SIR No.	3145465
Engineer	ALBERT SNYDER	Job Type	PRODUCTION
Country	United States	Job Date	03-28-2020



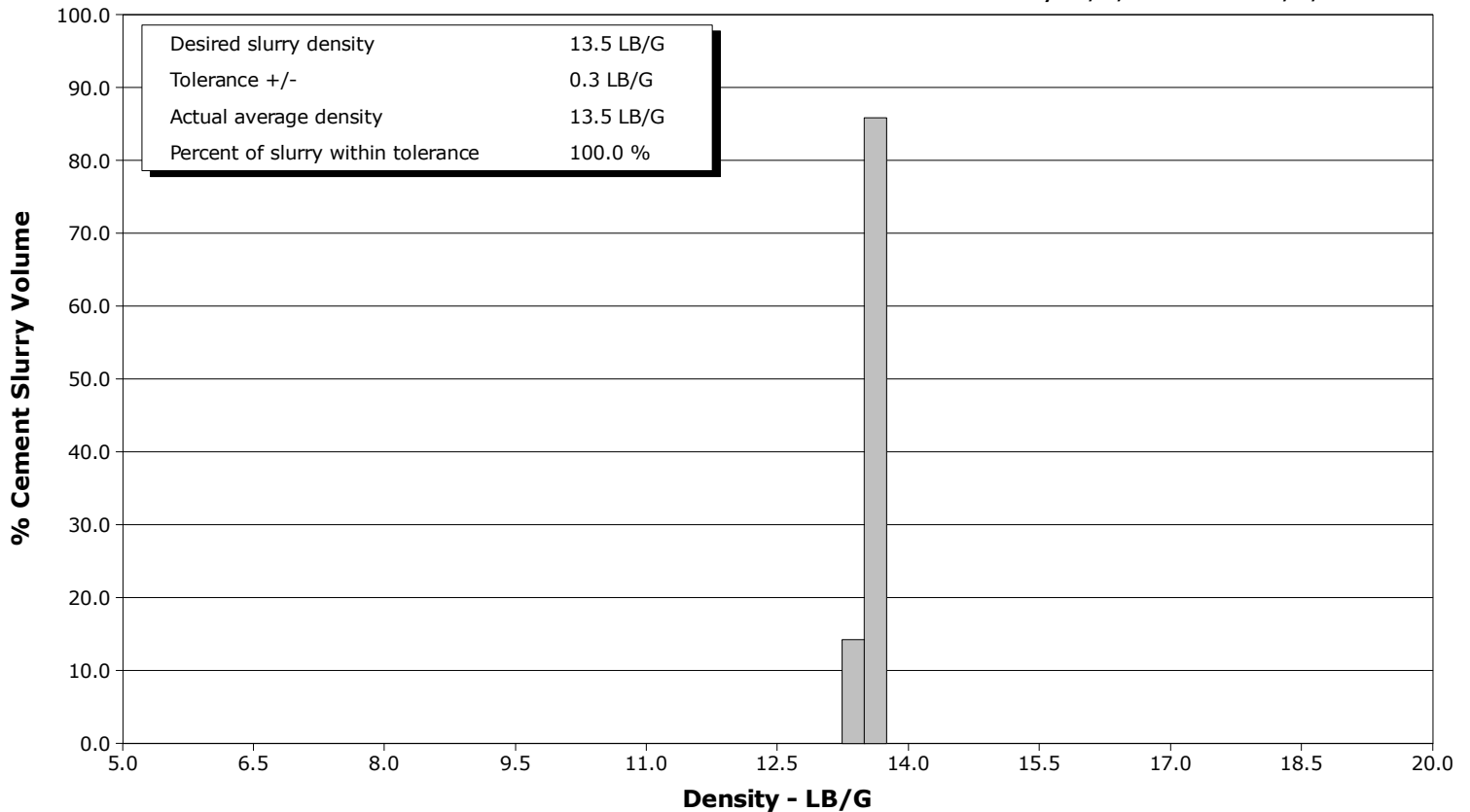
Well MAE J
Field DJ
Engineer ALBERT SNYDER
Country United States

Client ANADARKO
SIR No. 3145465
Job Type PRODUCTION
Job Date 03-28-2020

Lead Slurry - 03/28/2020 21:01:00 to 03/28/2020 21:15:29



Tail Slurry - 03/28/2020 21:22:19 to 03/28/2020 21:42:48



				Customer			Job Number					
				ANADARKO			3145465					
Well		Location (legal)			Schlumberger Location			Job Start				
MAE J 8-10 HZ		8 -10HZ			CWY			Mar/28/2020				
Field		Formation Name/Type			Deviation		Bit Size		Well MD	Well TVD		
DJ					deg		in		13526.0 ft	7618.0 ft		
County		State/Province			BHP		BHST		BHCT		Pore Press. Gradient	
WELD		Colorado			psi		230 degF		230 degF		lb/gal	
Well Master		API/UWI										
065961425		065961425										
Rig Name		Drilled For		Service Via		Casing/ Liner						
P 461		Oil & Gas		Land								
						Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone		Well Class		Well Type		1933.0	9.6	36.0	110	8RD		
N/A		New		Development		13526.0	5.5	17.0	110	8RD		
Drilling Fluid Type		Max. Density		Plastic Viscosity		Tubing/Drill Pipe						
LT OBM		9.40 lb/gal		cP								
						T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Service Line		Job Type										
Cementing		PRODUCTION										
Max. Allowed Tub. Press		Max. Allowed Ann. Press		WH Connection		Perforations/Open Hole						
psi		psi										
						Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
Service Instructions						ft	ft			ft		
						ft	ft			Diameter		
						ft	ft			in		
						Treat Down		Displacement		Packer Type		Packer Depth
						Casing		313.0 bbl				ft
						Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.
						bbl		314.0 bbl		bbl		bbl
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement				Casing Tools			Squeeze Job			
<input type="checkbox"/>		<input checked="" type="checkbox"/>										
Lift Pressure		1475 psi			Shoe Type		Guide		Squeeze Type			
Pipe Rotated		Pipe Reciprocated				Shoe Depth		13526.0 ft		Tool Type		
<input type="checkbox"/>		<input type="checkbox"/>										
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth			
									ft			
Cement Head Type		Double			Stage Tool Depth		ft		Tail Pipe Size			
									in			
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Float		Tail Pipe Depth		
Mar/28/2020 18:00		Mar/28/2020 17:30		Mar/29/2020 00:30						ft		
						Collar Depth		13502.0 ft		Sqz. Total Vol.		
										bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message						
03/28/2020	19:50:39	-8	0.0	0.00	0.0	Started Acquisition						
03/28/2020	19:52:39	-9	0.0	0.00	0.0							
03/28/2020	19:54:39	-8	0.0	0.00	0.0							
03/28/2020	19:56:39	-9	0.0	0.00	0.0							
03/28/2020	19:58:39	-8	0.0	0.00	0.0							
03/28/2020	20:00:39	-8	0.0	0.00	0.0							
03/28/2020	20:02:39	-8	0.0	0.00	0.0							
03/28/2020	20:04:39	-9	0.0	0.00	0.0							
03/28/2020	20:06:39	-9	0.0	0.00	0.0							
03/28/2020	20:08:39	-9	0.0	0.00	0.0							
03/28/2020	20:10:39	-10	0.0	0.00	0.0							
03/28/2020	20:12:39	-10	0.0	0.00	0.0							
03/28/2020	20:14:39	-11	0.0	0.00	0.0							
03/28/2020	20:16:39	209	1.5	8.26	0.8							
03/28/2020	20:18:39	121	0.0	8.37	4.6							
03/28/2020	20:20:39	7134	0.0	8.37	4.6							
03/28/2020	20:22:39	30	0.0	8.36	0.0							
03/28/2020	20:24:39	37	0.0	8.36	0.0							
03/28/2020	20:26:39	336	2.2	10.57	3.6							
03/28/2020	20:28:00	563	2.2	10.69	6.9	Fill lines wih 5 bbls of frsh water						
03/28/2020	20:28:39	589	2.6	10.69	8.4							

Well			Field		Job Start	Customer	Job Number
MAE J 8-10 HZ			DJ		Mar/28/2020	ANADARKO	3145465
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
03/28/2020	20:31:00	491	4.5	10.80	16.9	Pressure Test Lines	
03/28/2020	20:32:39	490	4.5	10.93	24.2		
03/28/2020	20:34:39	627	6.4	11.02	36.1		
03/28/2020	20:35:00	629	6.4	11.02	38.4	low=1000 psi high =7000 psi	
03/28/2020	20:36:39	874	8.3	10.95	50.8		
03/28/2020	20:38:39	815	8.3	10.77	67.2		
03/28/2020	20:39:00	817	8.2	10.83	70.1	Start Pumping Spacer	
03/28/2020	20:40:39	772	8.2	10.92	83.7		
03/28/2020	20:41:00	808	8.3	10.88	86.4	mix and pump 60 bbls of scrub @10.9# 51 bbls @10.9#	
03/28/2020	20:42:39	795	8.3	11.00	100.2		
03/28/2020	20:44:39	20	0.0	11.16	112.7		
03/28/2020	20:46:39	-1	0.0	10.90	0.0		
03/28/2020	20:48:39	-1	0.0	10.91	0.0		
03/28/2020	20:50:39	-1	0.0	10.92	0.0		
03/28/2020	20:52:39	56	2.3	12.32	0.6		
03/28/2020	20:54:39	396	4.4	11.97	8.6		
03/28/2020	20:56:00	389	4.4	12.01	14.5	End Spacer	
03/28/2020	20:56:39	739	6.3	12.03	18.0		
03/28/2020	20:58:00	703	6.3	12.05	26.4	drop bottom plug 750 psi	
03/28/2020	20:58:39	622	6.3	12.00	30.5		
03/28/2020	21:00:39	609	6.3	11.96	43.2		
03/28/2020	21:01:00	573	6.3	11.96	45.4	Start Mixing Lead Slurry	
03/28/2020	21:02:39	536	6.3	11.96	55.8		
03/28/2020	21:04:39	919	8.2	11.99	70.5		
03/28/2020	21:06:39	877	8.2	11.98	86.9		
03/28/2020	21:08:39	843	8.2	11.97	103.4		
03/28/2020	21:10:00	832	8.2	11.95	114.4	mix and pump at 539 sks @12# 176 bbls	
03/28/2020	21:10:39	837	8.2	12.00	119.7		
03/28/2020	21:12:00	448	7.4	11.99	130.6	top of lead @2500 ft	
03/28/2020	21:12:39	817	8.2	11.98	135.8		
03/28/2020	21:13:00	803	8.2	11.97	138.6	yield =1.84 wr=6.15	
03/28/2020	21:14:39	752	8.2	11.99	152.2		
03/28/2020	21:15:29	754	8.2	12.02	159.0	End Lead Slurry	
03/28/2020	21:16:39	483	6.3	11.98	167.2		
03/28/2020	21:18:39	1	0.0	11.81	0.0		
03/28/2020	21:20:39	-4	0.0	12.17	0.0		
03/28/2020	21:22:19	280	4.3	13.61	0.8	Start Mixing Tail Slurry	
03/28/2020	21:22:21	296	4.5	13.59	0.9	mix and pump 611 sks of tail @13.5# 178.2 bbls	
03/28/2020	21:22:22	301	4.5	13.59	1.0	yield =1.64 wr=7.52	
03/28/2020	21:22:23	284	4.5	13.60	1.1	top of tail @8000 ft	
03/28/2020	21:22:39	301	4.5	13.61	2.3		
03/28/2020	21:24:39	671	8.2	13.59	16.1		
03/28/2020	21:26:39	610	8.3	13.50	32.6		
03/28/2020	21:28:39	613	8.3	13.60	49.1		
03/28/2020	21:32:39	365	6.4	13.55	78.0		
03/28/2020	21:34:39	413	6.4	13.55	90.8		
03/28/2020	21:36:39	585	8.3	13.53	103.7		
03/28/2020	21:38:39	589	8.3	13.51	120.3		
03/28/2020	21:40:39	609	8.3	13.56	136.9		
03/28/2020	21:42:39	604	8.3	13.55	153.4		
03/28/2020	21:42:48	592	8.3	13.53	154.7	End Tail Slurry	
03/28/2020	21:44:39	529	8.3	13.19	170.0		
03/28/2020	21:46:39	4	0.0	14.03	0.2		
03/28/2020	21:48:39	7	0.0	13.53	0.2		

Well			Field		Job Start	Customer		Job Number
MAE J 8-10 HZ			DJ		Mar/28/2020	ANADARKO		3145465
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
03/28/2020	21:50:39	7	0.0	8.81	0.4			
03/28/2020	21:52:39	56	2.6	8.87	3.4			
03/28/2020	21:54:00	35	2.5	9.00	6.7	Start Displacement		
03/28/2020	21:54:39	105	3.4	8.86	8.8			
03/28/2020	21:55:00	111	3.4	8.86	10.0	Drop Bottom Plug		
03/28/2020	21:56:39	139	3.8	8.56	16.1			
03/28/2020	21:57:00	119	3.8	8.55	17.4	Drop Top Plug		
03/28/2020	21:58:39	111	3.4	8.40	22.7			
03/28/2020	22:00:39	7	0.0	8.38	0.0			
03/28/2020	22:02:39	5	0.0	8.45	1.3			
03/28/2020	22:04:39	172	6.5	8.42	4.8			
03/28/2020	22:06:39	299	8.3	8.41	20.8			
03/28/2020	22:08:39	293	8.3	8.38	37.4			
03/28/2020	22:10:39	791	8.2	8.38	53.8			
03/28/2020	22:12:39	982	8.2	8.38	70.5			
03/28/2020	22:14:39	1152	8.2	8.37	86.9			
03/28/2020	22:16:39	1353	8.2	8.37	103.3			
03/28/2020	22:18:39	1586	8.2	8.37	119.7			
03/28/2020	22:20:39	1808	8.1	8.37	136.0			
03/28/2020	22:22:39	2072	8.1	8.37	152.3			
03/28/2020	22:24:39	2278	7.9	8.36	168.4			
03/28/2020	22:26:39	2462	7.7	8.36	184.2			
03/28/2020	22:28:39	2567	7.7	8.36	199.6			
03/28/2020	22:30:39	2627	7.6	8.36	214.9			
03/28/2020	22:32:39	2656	7.6	8.36	230.1			
03/28/2020	22:34:39	2681	7.4	8.36	245.2			
03/28/2020	22:36:39	2696	7.4	8.36	260.2			
03/28/2020	22:38:39	2737	7.5	8.36	275.1			
03/28/2020	22:40:39	2753	7.4	8.36	289.8			
03/28/2020	22:42:39	2313	4.4	8.36	303.2			
03/28/2020	22:44:39	2197	3.3	8.36	310.1			
03/28/2020	22:45:00	2217	3.3	8.36	311.2	got back spacer to the surface		
03/28/2020	22:46:39	2139	3.2	8.36	316.6			
03/28/2020	22:48:39	2992	0.0	8.36	0.0			
03/28/2020	22:50:39	3000	0.0	8.36	0.0			
03/28/2020	22:52:39	3042	0.0	8.37	0.0			
03/28/2020	22:58:09	3147	0.0	8.37	0.0	Started Acquisition		
03/28/2020	22:58:39	3155	0.0	8.37	0.0			
03/28/2020	23:00:00	3183	0.0	8.37	0.0	landed the bottom plug		
03/28/2020	23:00:39	3194	0.0	8.37	0.0			
03/28/2020	23:01:00	3204	0.0	8.37	0.0	landed top plug		
03/28/2020	23:02:39	3230	0.0	8.37	0.0			
03/28/2020	23:04:39	3713	2.1	8.37	0.0			
03/28/2020	23:06:39	16	0.0	8.37	2.0			
03/28/2020	23:08:39	9	0.0	8.37	2.0			
03/28/2020	23:10:39	7	0.0	8.37	2.0			
03/28/2020	23:12:39	25	3.5	7.71	2.7			
03/28/2020	23:14:39	21	0.0	0.01	3.0			
03/28/2020	23:15:00	21	0.0	0.00	3.0	burt top plug @4800 psi		
03/28/2020	23:16:39	20	0.0	0.00	3.0			
03/28/2020	23:17:00	21	0.0	0.00	3.0	check float end of the job		
03/28/2020	23:18:39	21	0.0	0.00	3.0			

Well MAE J 8-10 HZ	Field DJ	Job Start Mar/28/2020	Customer ANADARKO	Job Number 3145465
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.2	N2	Mud 0.0	Maximum Rate 7.7	Total Slurry 354.0	Mud 0.0	Spacer 111.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 4799	Final 19	Average 1057	Bump Plug to 3100	Breakdown	Type FreshWater	Volume bbl	Density 8.34 lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 0.8 bbl	Displacement 313.0 bbl	Mix Water Temp 75 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl			
				Washed Thru Perfs <input type="checkbox"/>	To ft			
Customer or Authorized Representative TERRY HACKFORD			Schlumberger Supervisor ALBERT SNYDER		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		