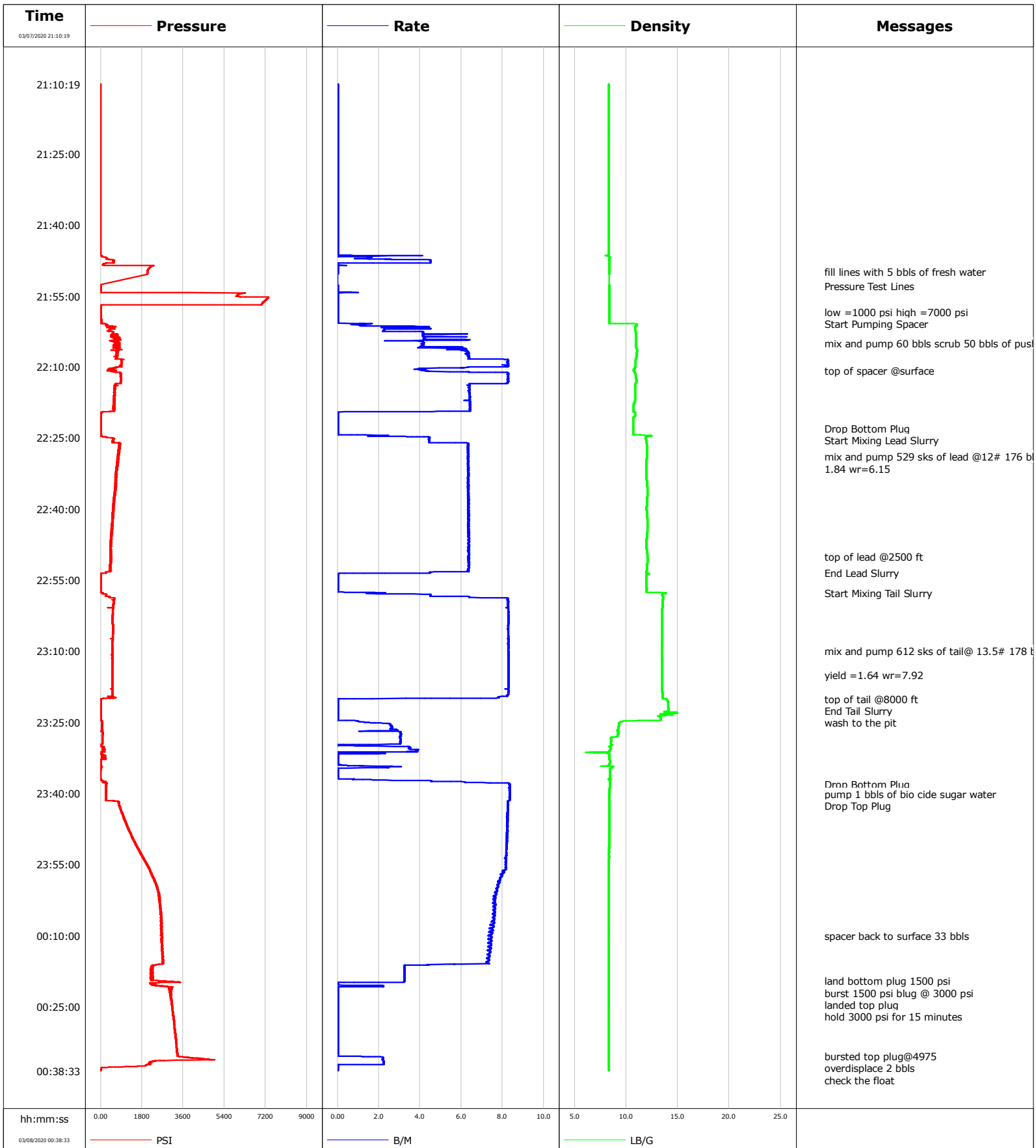


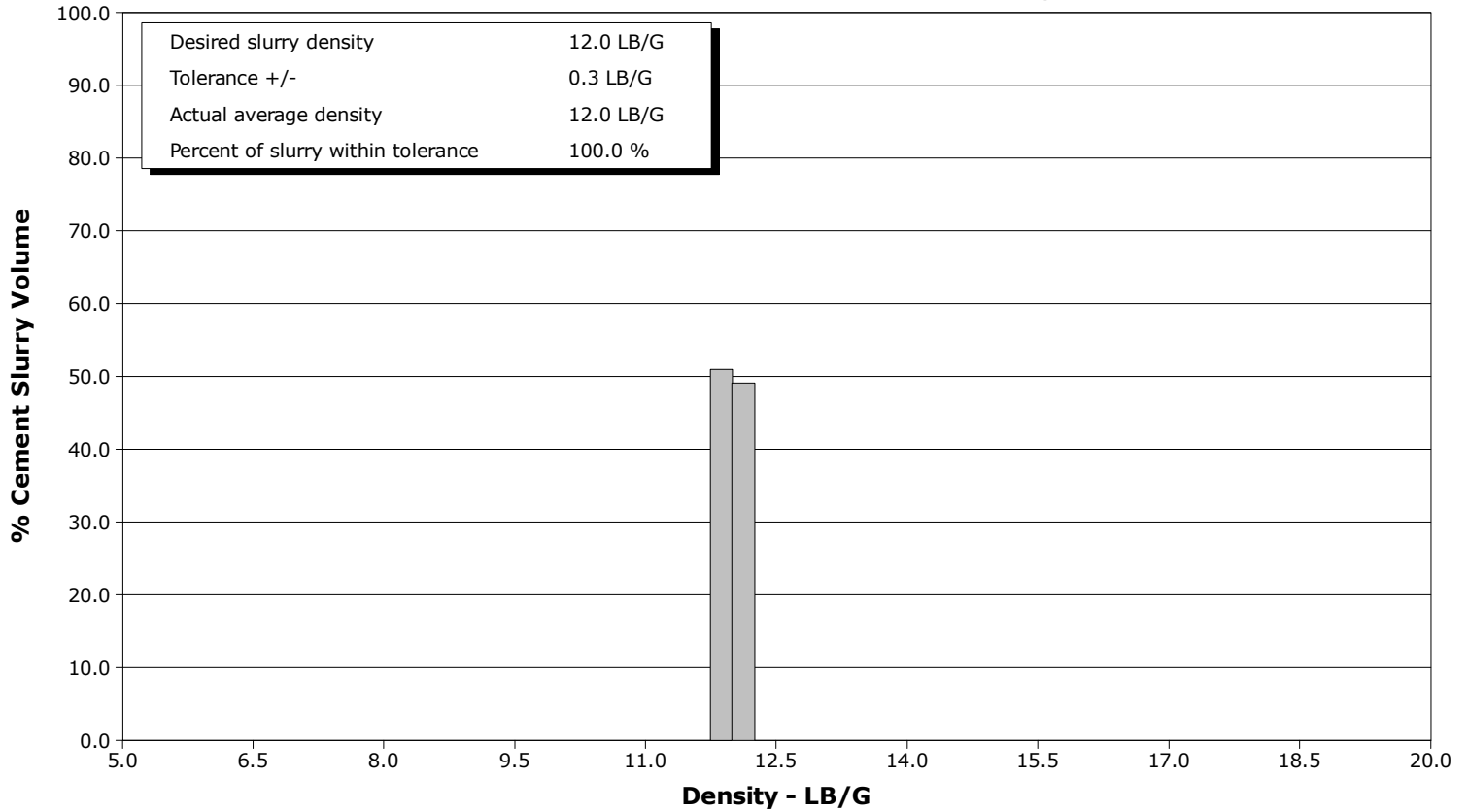
<b>Well</b>	MAE J	<b>Client</b>	ANADARKO
<b>Field</b>	DJ	<b>SIR No.</b>	3135016
<b>Engineer</b>	ALBERT SNYDER	<b>Job Type</b>	PRODUCTION
<b>Country</b>	United States	<b>Job Date</b>	03-07-2020



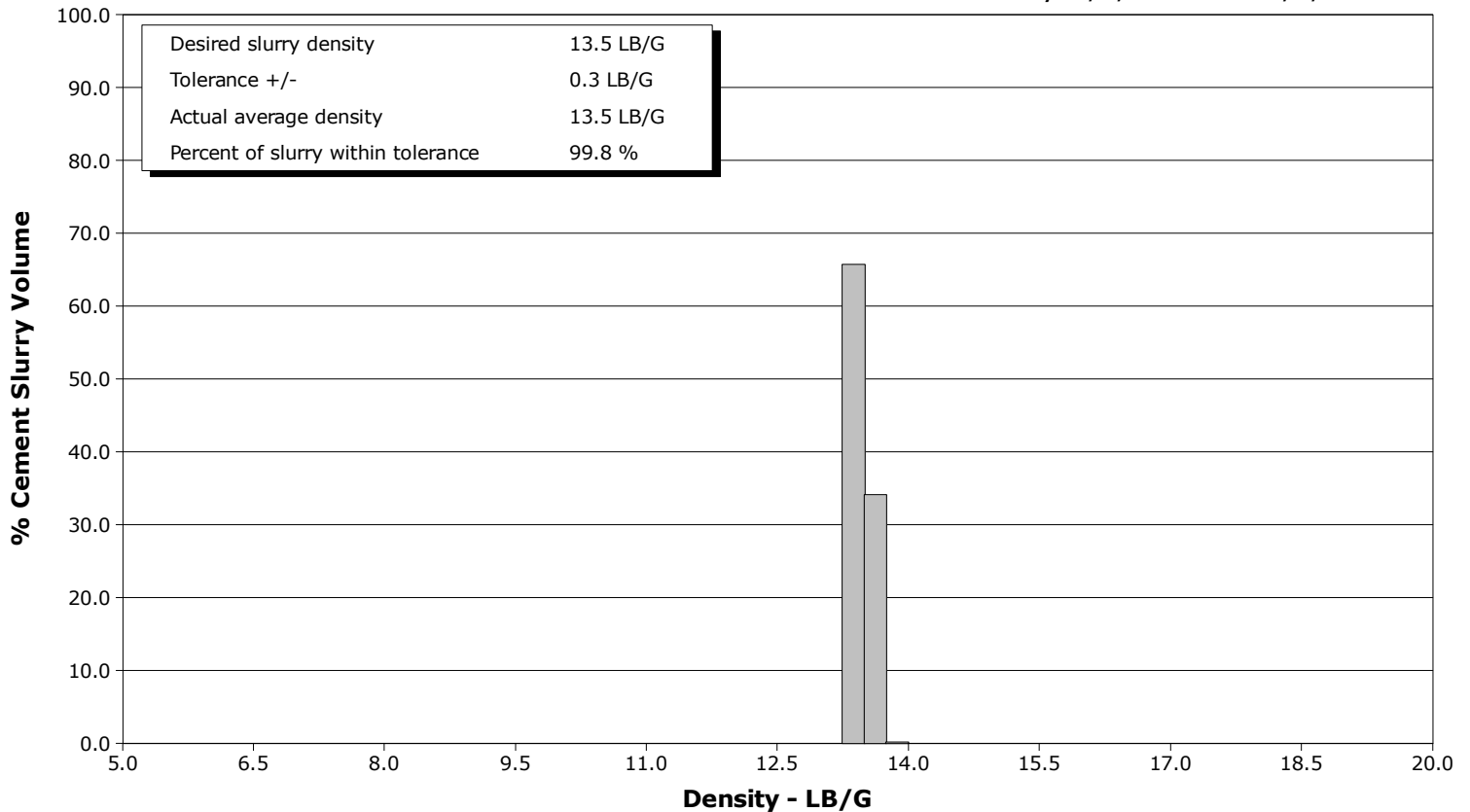
**Well** MAE J  
**Field** DJ  
**Engineer** ALBERT SNYDER  
**Country** United States

**Client** ANADARKO  
**SIR No.** 3135016  
**Job Type** PRODUCTION  
**Job Date** 03-07-2020

Lead Slurry - 03/07/2020 22:25:00 to 03/07/2020 22:53:32



Tail Slurry - 03/07/2020 22:57:43 to 03/07/2020 23:20:14



				Customer			Job Number			
				ANADARKO			3135016			
Well		Location (legal)			Schlumberger Location			Job Start		
MAE J 8-4HZ		8-4HZ			CWY			Mar/07/2020		
Field		Formation Name/Type			Deviation	Bit Size	Well MD		Well TVD	
DJ					deg	in	13510.0 ft		7855.0 ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
WELD		Colorado			psi	230 degF	230 degF	lb/gal		
Well Master		API/UWI								
065961404		05-123-50516								
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		7955.0	9.6	32.3	110	8RD	
N/A	New		Development		13499.0	5.5	17.0	110	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
LT OBM		9.50 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 CLOCK WAS 1 HOUR ADVANCED WHEN PUMPING THE JOB					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		313.8 bbl		91.0 bbl		474.0 bbl				
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement			Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		9659 psi <th colspan="2">Shoe Type</th> <td colspan="3">Squeeze Type</td>			Shoe Type		Squeeze Type			
					Guide					
Pipe Rotated		Pipe Reciprocated			Shoe Depth		Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>			13499.0 ft					
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Type			Tool Depth		
								ft		
Cement Head Type		Double <th colspan="3">Stage Tool Depth</th> <td colspan="2">Tail Pipe Size</td>			Stage Tool Depth			Tail Pipe Size		
					ft			in		
Job Scheduled For		Arrived on Location		Leave Location	Collar Type		Tail Pipe Depth			
Mar/07/2020 17:00		Mar/07/2020 17:00		Mar/08/2020 01:30	Float		ft			
					Collar Depth		Sqz. Total Vol.			
					13488.0 ft		bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
03/07/2020	21:10:19	-5	0.0	8.33	0.0	Started Acquisition				
03/07/2020	21:12:19	-5	0.0	8.33	0.0					
03/07/2020	21:14:19	-5	0.0	8.33	0.0					
03/07/2020	21:16:19	-6	0.0	8.33	0.0					
03/07/2020	21:18:19	-6	0.0	8.33	0.0					
03/07/2020	21:20:19	-6	0.0	8.33	0.0					
03/07/2020	21:22:19	-6	0.0	8.33	0.0					
03/07/2020	21:24:19	-6	0.0	8.33	0.0					
03/07/2020	21:26:19	-6	0.0	8.33	0.0					
03/07/2020	21:28:19	-7	0.0	8.33	0.0					
03/07/2020	21:30:19	-7	0.0	8.34	0.0					
03/07/2020	21:32:19	-8	0.0	8.33	0.0					
03/07/2020	21:34:19	-7	0.0	8.33	0.0					
03/07/2020	21:36:19	-7	0.0	8.33	0.0					
03/07/2020	21:38:19	-8	0.0	8.34	0.0					
03/07/2020	21:40:19	-8	0.0	8.33	0.0					
03/07/2020	21:42:19	-8	0.0	8.33	0.0					
03/07/2020	21:44:19	-11	0.0	8.33	0.0					
03/07/2020	21:46:19	-10	0.0	8.33	0.0					
03/07/2020	21:48:19	119	0.0	8.36	4.6					
03/07/2020	21:50:00	2035	0.0	8.36	4.6	fill lines with 5 bbls of fresh water				

Well		Field		Job Start		Customer		Job Number	
MAE J 8-4HZ		DJ		Mar/07/2020		ANADARKO		3135016	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/07/2020	21:53:00	1	0.0	8.36	0.0	Pressure Test Lines			
03/07/2020	21:54:19	24	0.9	8.36	0.1				
03/07/2020	21:56:19	7090	0.0	8.36	0.1				
03/07/2020	21:58:19	14	0.0	8.36	0.1				
03/07/2020	21:58:21	13	0.0	8.36	0.1	low =1000 psi high =7000 psi			
03/07/2020	22:00:19	25	0.0	8.36	0.1				
03/07/2020	22:00:50	77	1.3	8.37	0.1	Start Pumping Spacer			
03/07/2020	22:02:19	389	2.2	10.91	3.8				
03/07/2020	22:04:19	807	6.3	10.97	12.3				
03/07/2020	22:05:00	825	4.2	10.96	15.2	mix and pump 60 bbls scrub 50 bbls of push @10.9#			
03/07/2020	22:06:19	869	5.4	11.04	21.5				
03/07/2020	22:08:19	698	6.4	10.95	34.0				
03/07/2020	22:10:19	634	3.9	10.80	49.7				
03/07/2020	22:10:43	479	4.2	10.72	51.3	top of spacer @surface			
03/07/2020	22:12:19	875	8.3	10.97	63.1				
03/07/2020	22:14:19	609	6.4	10.86	78.2				
03/07/2020	22:16:19	616	6.4	10.86	90.9				
03/07/2020	22:18:19	615	6.4	10.74	103.8				
03/07/2020	22:20:19	9	0.0	10.87	0.0				
03/07/2020	22:22:19	4	0.0	10.69	0.0				
03/07/2020	22:23:00	5	0.0	10.69	0.0	Drop Bottom Plug			
03/07/2020	22:24:19	6	0.0	10.73	0.0				
03/07/2020	22:25:00	488	4.4	11.88	1.9	Start Mixing Lead Slurry			
03/07/2020	22:26:19	862	6.3	11.99	8.3				
03/07/2020	22:28:19	774	6.3	11.99	21.0				
03/07/2020	22:28:54	739	6.3	11.99	24.7	mix and pump 529 sks of lead @12# 176 bbls			
03/07/2020	22:28:55	806	6.3	11.99	24.8	1.84 wr=6.15			
03/07/2020	22:30:19	743	6.3	11.98	33.6				
03/07/2020	22:32:19	678	6.3	11.96	46.3				
03/07/2020	22:34:19	682	6.3	12.00	59.0				
03/07/2020	22:36:19	639	6.3	12.05	71.6				
03/07/2020	22:38:19	583	6.3	12.01	84.3				
03/07/2020	22:40:19	541	6.4	11.99	97.0				
03/07/2020	22:42:19	536	6.4	12.04	109.7				
03/07/2020	22:44:19	474	6.4	12.05	122.4				
03/07/2020	22:46:19	502	6.4	11.99	135.1				
03/07/2020	22:48:19	425	6.4	11.98	147.8				
03/07/2020	22:50:00	443	6.3	12.07	158.5	top of lead @2500 ft			
03/07/2020	22:50:19	427	6.3	12.08	160.5				
03/07/2020	22:52:19	439	6.4	12.01	173.2				
03/07/2020	22:53:32	100	2.3	11.97	180.5	End Lead Slurry			
03/07/2020	22:54:19	3	0.0	11.96	0.0				
03/07/2020	22:56:19	1	0.0	11.98	0.0				
03/07/2020	22:57:43	95	2.3	13.84	0.2	Start Mixing Tail Slurry			
03/07/2020	22:58:19	250	4.5	13.51	2.3				
03/07/2020	23:00:19	553	8.3	13.53	17.8				
03/07/2020	23:04:19	542	8.3	13.48	50.9				
03/07/2020	23:06:19	551	8.3	13.49	67.4				
03/07/2020	23:08:19	512	8.3	13.47	84.0				
03/07/2020	23:10:00	498	8.3	13.45	97.9	mix and pump 612 sks of tail@ 13.5# 178 bbls			
03/07/2020	23:10:19	500	8.3	13.45	100.5				
03/07/2020	23:12:19	518	8.3	13.49	117.1				
03/07/2020	23:14:19	503	8.3	13.49	133.7				
03/07/2020	23:15:00	501	8.3	13.49	139.3	yield =1.64 wr=7.92			

Well		Field		Job Start		Customer		Job Number	
MAE J 8-4HZ		DJ		Mar/07/2020		ANADARKO		3135016	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/07/2020	23:18:19	507	8.3	13.49	166.8				
03/07/2020	23:20:00	69	1.7	13.54	180.3	top of tail @8000 ft			
03/07/2020	23:20:14	14	0.0	13.95	0.0	End Tail Slurry			
03/07/2020	23:20:19	12	0.0	13.98	0.0				
03/07/2020	23:22:00	8	0.0	14.09	0.0	wash to the pit			
03/07/2020	23:22:19	8	0.0	14.10	0.0				
03/07/2020	23:24:19	9	0.0	13.35	0.0				
03/07/2020	23:26:19	59	2.6	9.24	3.5				
03/07/2020	23:28:19	77	3.0	8.50	9.4				
03/07/2020	23:30:19	109	3.5	8.50	14.5				
03/07/2020	23:32:19	69	0.0	8.37	18.6				
03/07/2020	23:34:19	51	2.7	8.74	0.3				
03/07/2020	23:36:19	-3	0.0	8.42	1.1				
03/07/2020	23:38:00	255	8.3	8.40	5.8	Drop Bottom Plug			
03/07/2020	23:38:19	231	8.3	8.40	8.6				
03/07/2020	23:40:05	235	8.3	8.38	23.3	pump 1 bbls of bio cide sugar water			
03/07/2020	23:40:19	235	8.3	8.38	25.2				
03/07/2020	23:42:00	809	8.2	8.36	39.2	Drop Top Plug			
03/07/2020	23:42:19	803	8.2	8.36	41.7				
03/07/2020	23:44:19	942	8.2	8.36	58.3				
03/07/2020	23:46:19	1099	8.2	8.35	74.8				
03/07/2020	23:48:19	1293	8.2	8.35	91.2				
03/07/2020	23:50:19	1491	8.2	8.35	107.7				
03/07/2020	23:52:19	1707	8.2	8.35	124.0				
03/07/2020	23:54:19	1934	8.2	8.35	140.4				
03/07/2020	23:56:19	2151	8.0	8.35	156.7				
03/07/2020	23:58:19	2340	7.9	8.35	172.6				
03/08/2020	00:00:19	2494	7.7	8.35	188.1				
03/08/2020	00:02:19	2577	7.6	8.34	203.4				
03/08/2020	00:04:19	2613	7.6	8.34	218.6				
03/08/2020	00:06:19	2607	7.6	8.34	233.8				
03/08/2020	00:08:19	2666	7.5	8.34	248.9				
03/08/2020	00:10:00	2674	7.3	8.35	261.4	spacer back to surface 33 bbls			
03/08/2020	00:10:19	2677	7.4	8.34	263.8				
03/08/2020	00:12:19	2684	7.3	8.34	278.6				
03/08/2020	00:14:19	2719	7.4	8.34	293.3				
03/08/2020	00:16:19	2236	3.3	8.34	307.1				
03/08/2020	00:18:19	2263	3.2	8.34	313.6				
03/08/2020	00:19:38	2847	3.2	8.34	317.9	land bottom plug 1500 psi			
03/08/2020	00:20:19	2201	0.0	8.34	318.7				
03/08/2020	00:20:51	2932	0.4	8.34	319.4	burst 1500 psi blug @ 3000 psi			
03/08/2020	00:21:41	3081	0.0	8.34	0.0	landed top plug			
03/08/2020	00:22:00	3011	0.0	8.34	0.0	hold 3000 psi for 15 minutes			
03/08/2020	00:22:19	3048	0.0	8.34	0.0				
03/08/2020	00:24:19	3099	0.0	8.34	0.0				
03/08/2020	00:26:19	3153	0.0	8.34	0.0				
03/08/2020	00:28:19	3196	0.0	8.34	0.0				
03/08/2020	00:30:19	3246	0.0	8.34	0.0				
03/08/2020	00:32:19	3287	0.0	8.34	0.0				
03/08/2020	00:34:19	3329	0.0	8.34	0.0				
03/08/2020	00:35:31	3423	1.0	8.34	0.0	burst top plug@4975			
03/08/2020	00:36:19	3342	2.2	8.34	0.0				
03/08/2020	00:36:32	2355	2.2	8.34	0.5	overdisplace 2 bbls			
03/08/2020	00:36:49	2116	2.2	8.34	1.1	check the float			

<b>Well</b> MAE J 8-4HZ	<b>Field</b> DJ	<b>Job Start</b> Mar/07/2020	<b>Customer</b> ANADARKO	<b>Job Number</b> 3135016
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### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
<b>Slurry</b> 6.6	<b>N2</b>	<b>Mud</b> 0.0	<b>Maximum Rate</b> 0.0	<b>Total Slurry</b> 355.0	<b>Mud</b> 0.0	<b>Spacer</b> 110.0	<b>N2</b>	
Treating Pressure Summary, psi					Breakdown Fluid			
<b>Maximum</b> 4960	<b>Final</b> 3100	<b>Average</b> 1196	<b>Bump Plug to</b> 3100	<b>Breakdown</b>	<b>Type</b> FreshWater	<b>Volume</b> bbl	<b>Density</b> 8.34 lb/gal	
<b>Avg. N2 Percent</b> %	<b>Designed Slurry Volume</b> 0.0 bbl	<b>Displacement</b> 313.0 bbl	<b>Mix Water Temp</b> 75 degF	<b>Cement Circulated to Surface?</b> <input type="checkbox"/>	<b>Volume</b> bbl			
				<b>Washed Thru Perfs</b> <input type="checkbox"/>	<b>To</b> ft			
<b>Customer or Authorized Representative</b> JOE HALLEM			<b>Schlumberger Supervisor</b> ALBERT SNYDER		<b>Circulation Lost</b> <input type="checkbox"/>	<b>Job Completed</b> <input checked="" type="checkbox"/>		
					-	-		