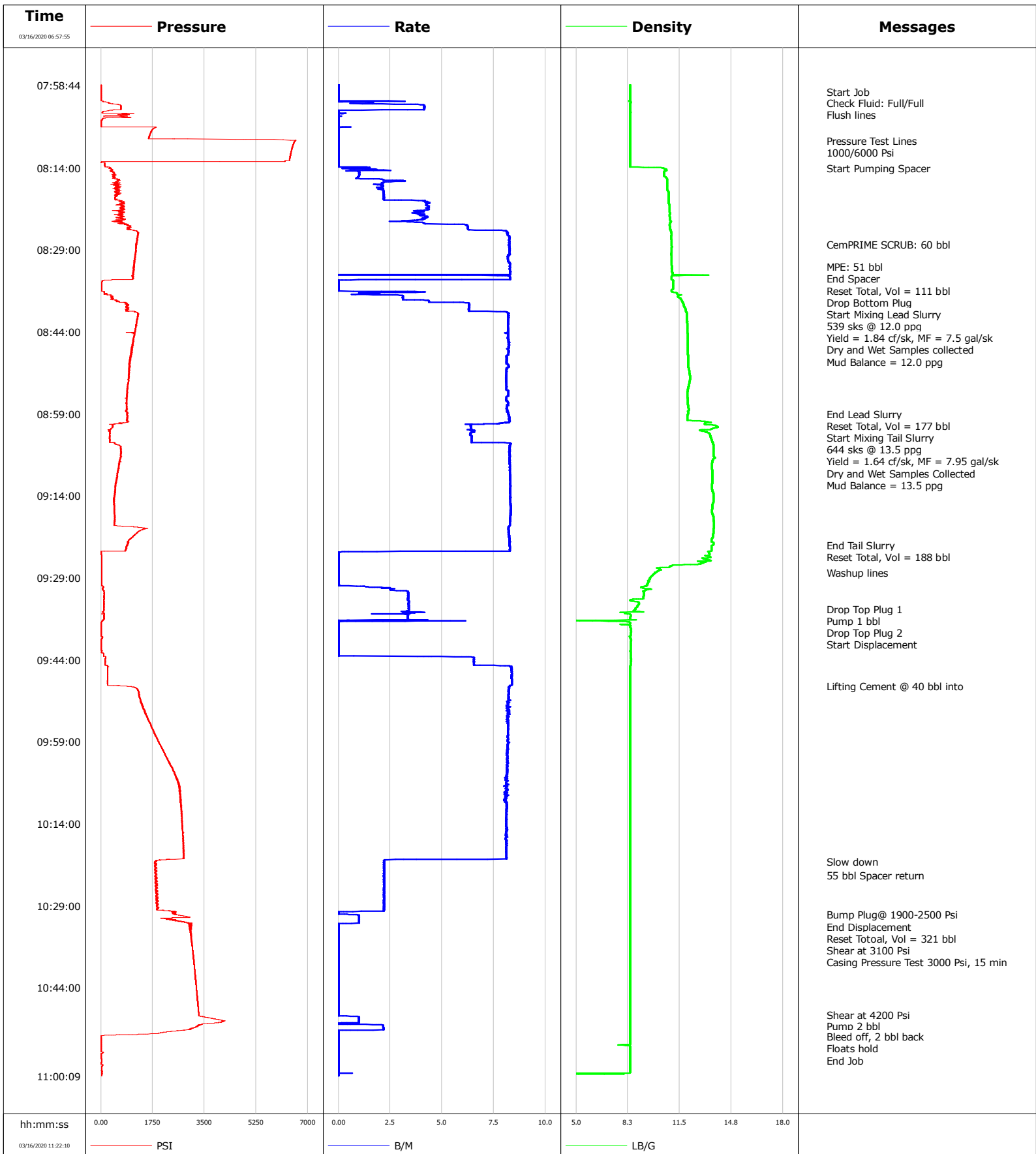


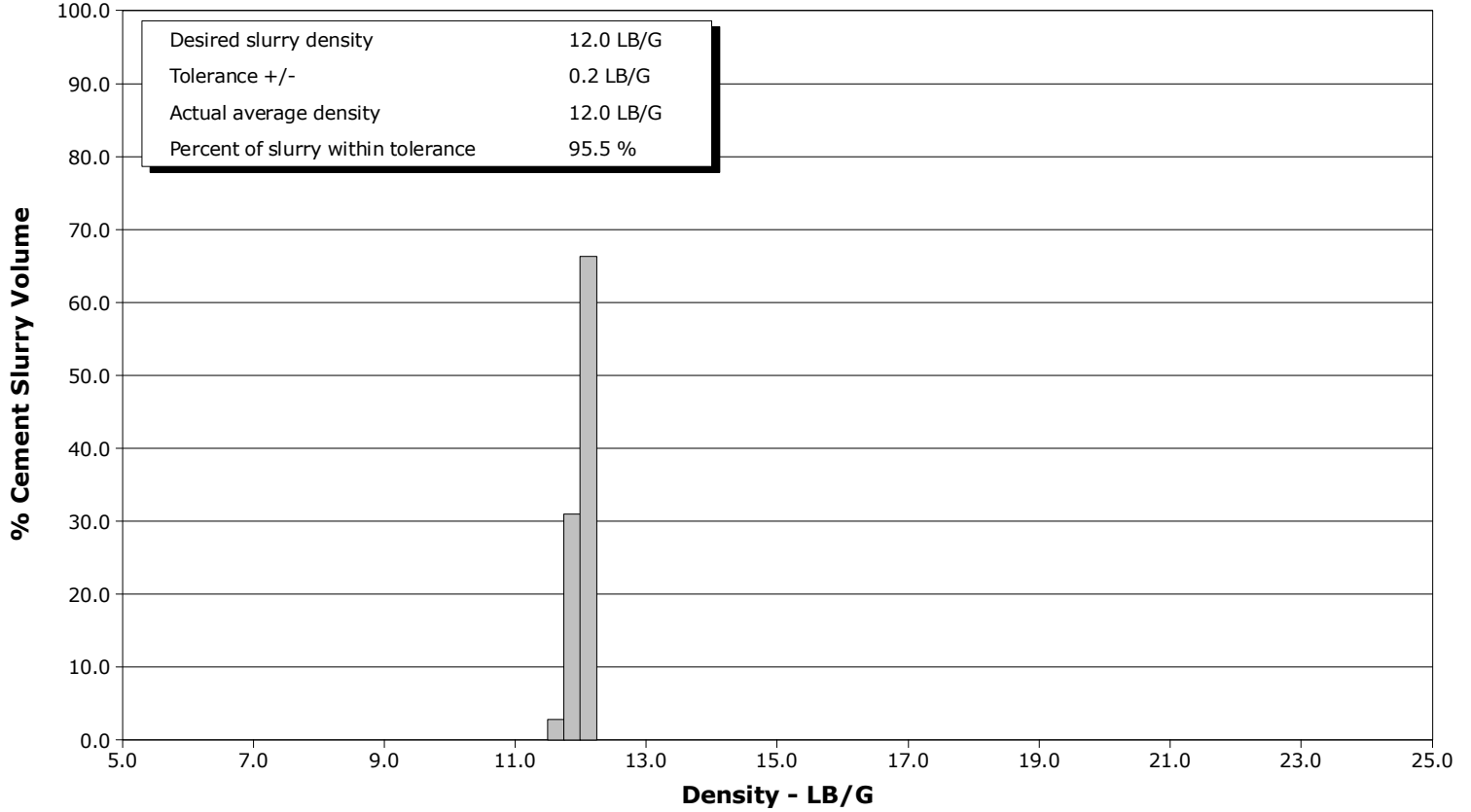
<b>Well</b>	MAE J 8-7HZ	<b>Client</b>	ANADARKO
<b>Field</b>	DJ	<b>SIR No.</b>	EAJ7-01263
<b>Engineer</b>	Bharatsai Alla	<b>Job Type</b>	5.5" Production
<b>Country</b>	United States	<b>Job Date</b>	03-16-2020



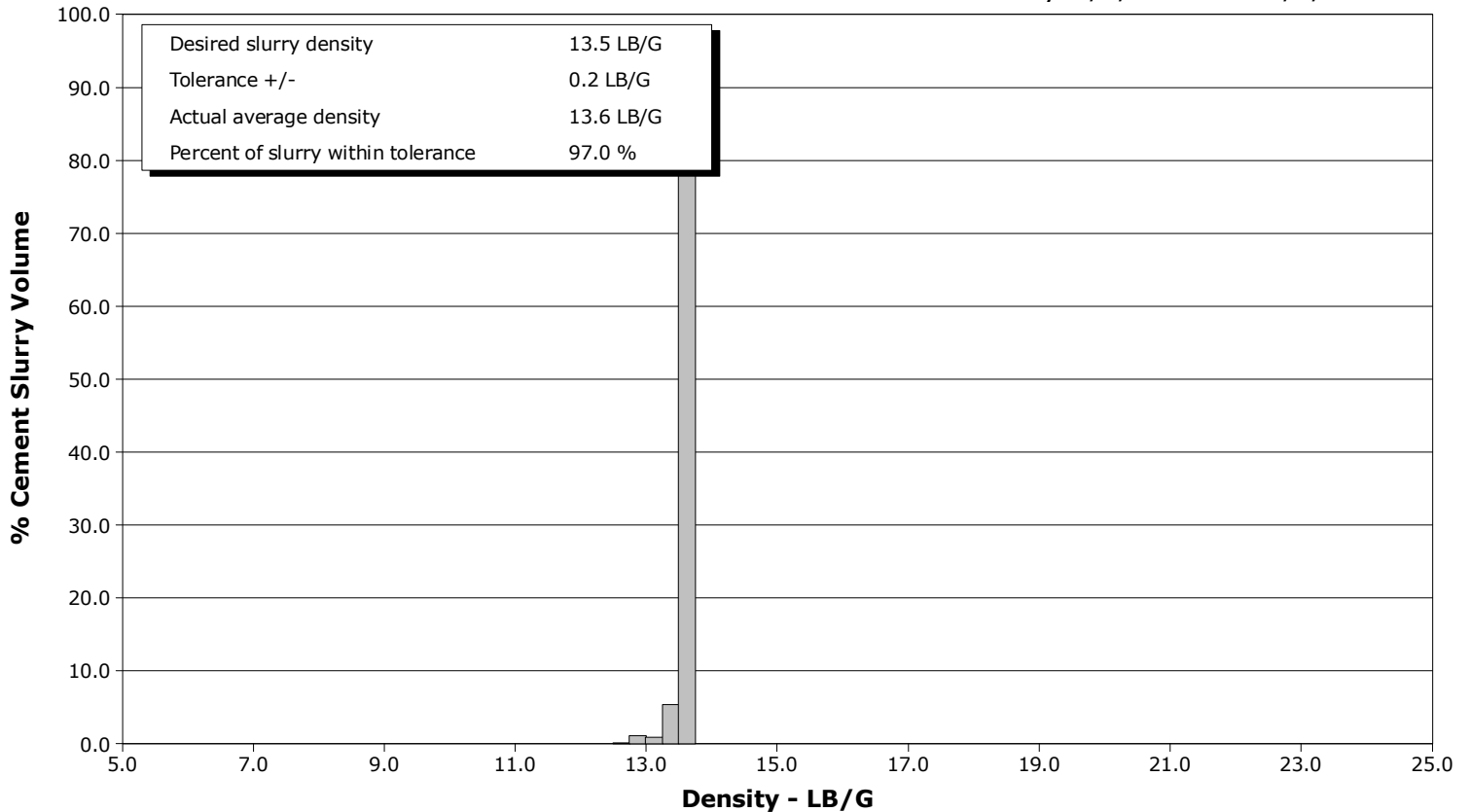
**Well** MAE J 8-7HZ  
**Field** DJ  
**Engineer** Bharatsai Alla  
**Country** United States

**Client** ANADARKO  
**SIR No.** EAJ7-01263  
**Job Type** 5.5" Production  
**Job Date** 03-16-2020

Lead Slurry - 03/16/2020 08:38:00 to 03/16/2020 08:59:00



Tail Slurry - 03/16/2020 09:01:35 to 03/16/2020 09:23:00



				Customer			Job Number			
				ANADARKO			EAJ7-01263			
Well		Location (legal)			Schlumberger Location			Job Start		
MAE J 8-7HZ		WELD						Mar/16/2020		
Field		Formation Name/Type		Deviation	Bit Size		Well MD		Well TVD	
DJ				deg	7.9 in		13835.0 ft		ft	
County		State/Province			BHP	BHST	BHCT	Pore Press. Gradient		
WELD		COLORADO			psi	230 degF	230 degF	lb/gal		
Well Master		API/UWI								
5.5" Production		051235051800								
Rig Name	Drilled For		Service Via		Casing/Liner					
PD461			Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class		Well Type		1925.0	9.6	36.0	j55		
	New		Development		13835.0	5.5	17.0	P110		
Drilling Fluid Type		Max. Density	Plastic Viscosity		Tubing/Drill Pipe					
Bentonite		9.40 lb/gal	cP		T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type									
Cementing	5.5" 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	
					ft	ft			ft	
					ft	ft			Diameter	
					ft	ft			in	
Service Instructions		Treat Down	Displacement		Packer Type		Packer Depth			
9 5/8" 36# Previous Casing: 1,925' 7 7/8" OH : 4% Excess Top of Lead Cement: 2,500' Top of Tail Cement: 8,000' TD: 13,858' (7,616') Temp Gradient 2.3 degF/100ft Bring 5 1/2" Head (Double Plug), Bowls, Top and Bottom Plugs Bring Defoamer, 400 lbs Sugar, and CemPRIME SCRUB Surfactant and		Casing	321.0 bbl				ft			
		Tubing Vol.	Casing Vol.		Annular Vol.		Openhole Vol.			
		bbl	321.0 bbl		420.0 bbl		bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement	Casing Tools			Squeeze Job				
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								
Lift Pressure		Shoe Type			Shoe Depth		Squeeze Type			
1900 psi		Float			13835.0 ft					
Pipe Rotated		Pipe Reciprocated			Stage Tool Type		Tool Depth			
<input type="checkbox"/>		<input type="checkbox"/>					ft			
No. Centralizers		Top Plugs	Bottom Plugs		Stage Tool Depth		Tail Pipe Size			
		2	1		ft		in			
Cement Head Type		Job Scheduled For			Arrived on Location		Leave Location		Collar Type	Tail Pipe Depth
Double		Mar/16/2020 06:00			Mar/16/2020 06:00		Mar/16/2020 13:00		Float	ft
		Collar Depth			Sqz. Total Vol.					
		13834.0 ft			bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
03/16/2020	06:57:55	4	0.0	8.39	0.0	Started Acquisition				
03/16/2020	08:00:00	3	0.0	8.39	0.0	Start Job				
03/16/2020	08:02:00	289	1.7	8.42	0.4	Check Fluid: Full/Full				
03/16/2020	08:03:00	683	4.1	8.39	3.7	Flush lines				
03/16/2020	08:09:00	6565	0.0	8.40	5.2	Pressure Test Lines				
03/16/2020	08:10:00	6481	0.0	8.40	5.2	1000/6000 Psi				
03/16/2020	08:14:00	286	1.4	10.51	5.5	Start Pumping Spacer				
03/16/2020	08:28:00	1183	8.2	10.99	62.6	CemPRIME SCRUB: 60 bbl				
03/16/2020	08:32:00	1127	8.3	11.01	95.5	MPE: 51 bbl				
03/16/2020	08:33:00	1132	8.3	11.01	103.8	End Spacer				
03/16/2020	08:34:00	1096	8.3	10.99	111.6	Reset Total, Vol = 111 bbl				
03/16/2020	08:35:00	29	0.0	11.09	115.1	Drop Bottom Plug				
03/16/2020	08:38:00	385	3.1	11.58	118.8	Start Mixing Lead Slurry				
03/16/2020	08:39:00	863	6.3	11.75	123.9	539 sks @ 12.0 ppg				
03/16/2020	08:40:00	837	6.3	11.88	130.2	Yield = 1.84 cf/sk, MF = 7.5 gal/sk				
03/16/2020	08:41:00	1259	8.2	11.95	137.9	Dry and Wet Samples collected				
03/16/2020	08:42:00	1217	8.2	11.97	146.1	Mud Balance = 12.0 ppg				
03/16/2020	08:59:00	900	8.2	12.04	284.9	End Lead Slurry				
03/16/2020	08:59:40	919	8.2	11.99	290.3	Reset Total, Vol = 177 bbl				
03/16/2020	09:01:35	360	6.4	13.68	304.7	Start Mixing Tail Slurry				
03/16/2020	09:01:38	338	6.4	13.62	305.0	644 sks @ 13.5 ppg				

Well			Field		Job Start	Customer		Job Number	
MAE J 8-7HZ			DJ		Mar/16/2020	ANADARKO		EAJ7-01263	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/16/2020	09:01:41	346	6.4	13.57	305.3	Dry and Wet Samples Collected			
03/16/2020	09:01:43	334	6.4	13.54	305.5	Mud Balance = 13.5 ppg			
03/16/2020	09:23:00	897	8.2	13.60	477.0	End Tail Slurry			
03/16/2020	09:24:00	815	8.3	13.50	485.3	Reset Total, Vol = 188 bbl			
03/16/2020	09:28:00	18	0.0	10.02	486.6	Washup lines			
03/16/2020	09:34:40	102	3.4	8.73	499.7	Drop Top Plug 1			
03/16/2020	09:34:46	91	3.4	8.72	500.0	Pump 1 bbl			
03/16/2020	09:34:50	104	3.4	8.69	500.2	Drop Top Plug 2			
03/16/2020	09:35:00	96	3.4	8.62	500.8	Start Displacement			
03/16/2020	09:48:49	884	8.3	8.39	549.6	Lifting Cement @ 40 bbl into			
03/16/2020	10:21:00	1873	2.2	8.38	808.9	Slow down			
03/16/2020	10:23:32	1859	2.2	8.38	814.5	55 bbl Spacer return			
03/16/2020	10:30:38	2513	0.7	8.38	828.8	Bump Plug@ 1900-2500 Psi			
03/16/2020	10:30:40	2562	0.9	8.39	828.9	End Displacement			
03/16/2020	10:30:42	2617	1.0	8.38	828.9	Reset Totoal, Vol = 321 bbl			
03/16/2020	10:30:44	2637	1.0	8.38	828.9	Shear at 3100 Psi			
03/16/2020	10:32:45	2983	0.0	8.38	830.5	Casing Pressure Test 3000 Psi, 15 min			
03/16/2020	10:49:00	3309	0.0	8.39	830.5	Shear at 4200 Psi			
03/16/2020	10:51:00	3316	2.2	8.38	832.2	Pump 2 bbl			
03/16/2020	10:53:00	5	0.0	8.39	833.9	Bleed off, 2 bbl back			
03/16/2020	10:54:00	5	0.0	8.39	833.9	Floats hold			

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
6.5			8.4	833.9	0.0	36.1		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
6586	0	943	2500			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume	To		
%	365.0 bbl	304.0 bbl	65 degF	<input type="checkbox"/>	bbl	ft		
				Washed Thru Perfs	Job Completed			
				<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost			
Zach Haynes			Bharatsai Alla		<input type="checkbox"/>			
					-			