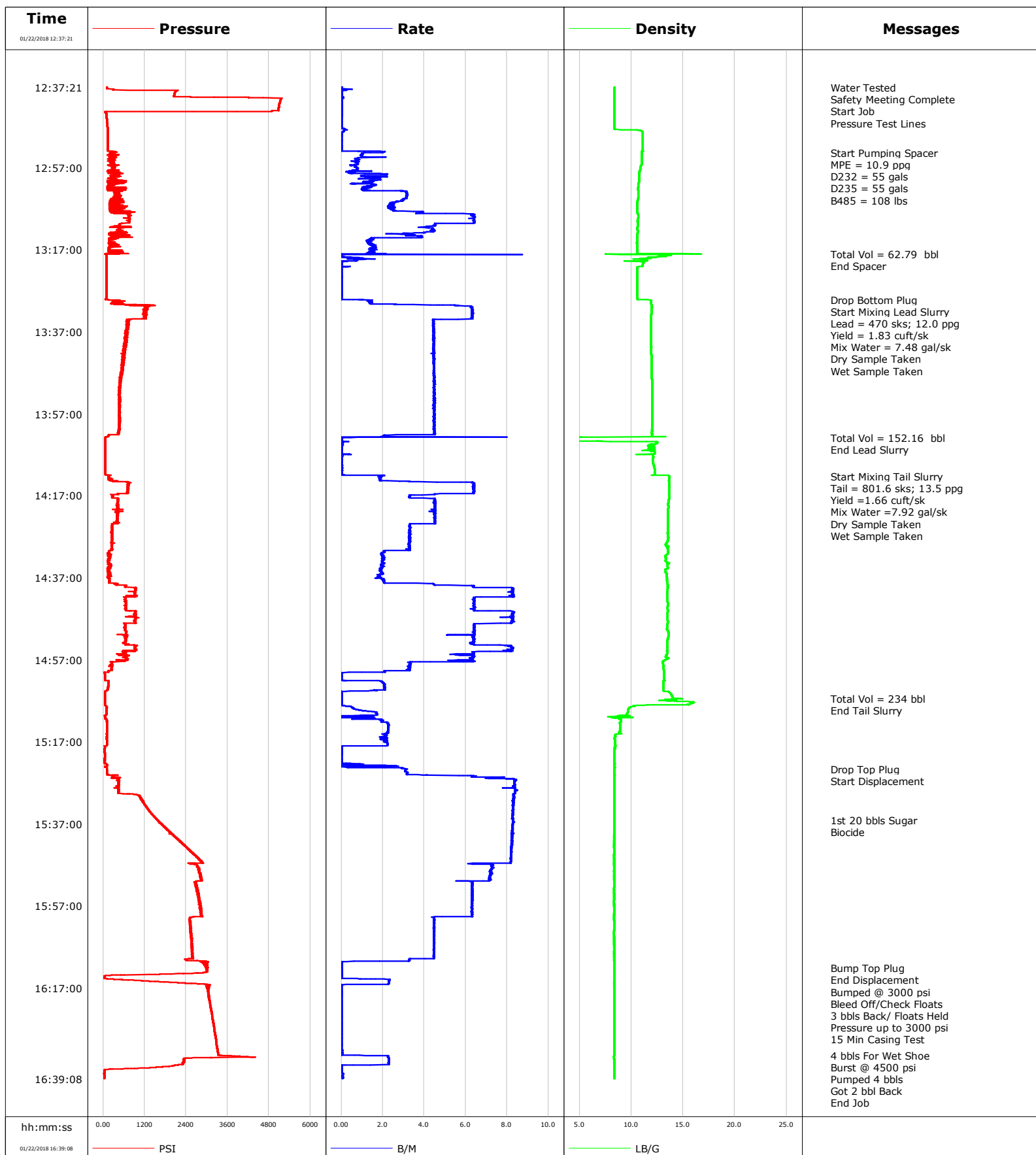


Well Papa Jo 2-25 35N2-17HZ
Field Wattenberg
Engineer Michael Lopez
Country United States

Client ANADARKO PETROLEUM COMPANY (ED)
SIR No. DUNZ-00127
Job Type 5.5 Production
Job Date 01-22-2018



Cementing Service Report

				Customer ANADARKO PETROLEUM COMPANY (ED)				Job Number DUNZ-00127										
Well Papa Jo 2-25 35N2-17HZ 0631736715				Location (legal)				Schlumberger Location CWY				Job Start Jan/22/2018						
Field Wattenberg			Formation Name/Type			Deviation deg		Bit Size 7.9 in		Well MD 13297.0 ft		Well TVD 7578.0 ft						
County			State/Province Colorado			BHP psi		BHST 227 degF		BHCT 215 degF		Pore Press. Gradient lb/gal						
Well Master 0631736715			API/UWI 05123455060000															
Rig Name Precision 564		Drilled For Oil & Gas		Service Via Land		Casing/ Liner												
						Depth, ft		Size, in		Weight, lb/ft		Grade		Thread				
Offshore Zone		Well Class New		Well Type Exploration		1879.0		9.6		36.0		J-55		8 RND				
						13287.0		5.5		17.0		P-110		8RND				
Drilling Fluid Type OBM			Max. Density 9.50 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 5.5 8 RND		Perforations/Open Hole											
							Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval			
Service Instructions 9 5/8" 36# Previous Casing: 1,879' 7 7/8" to TD // OH Excess: 4% Top of Lead Cement: 1,500' Top of Tail Cement: 6,000' TD: 13,284' (7,578')							ft		ft						ft			
							ft		ft						Diameter			
							ft		ft						in			
			Treat Down Casing		Displacement 308.0 bbl		Packer Type		Packer Depth ft									
			Tubing Vol. bbl		Casing Vol. 309.0 bbl		Annular Vol. 443.0 bbl		Openhole Vol. 353.0 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 psi			Shoe Type Float			Squeeze Type												
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth 13287.0 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 Jan/22/2018 08:00			Arrived on Location Jan/22/2018 08:00			Leave Location Jan/22/2018 17:38			Collar Type Float				Tail Pipe Depth ft					
									Collar Depth 13278.0 ft				Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message												
01/22/2018	12:37:21	107	0.0	8.37	0.0	Started Acquisition												
01/22/2018	12:37:24	107	0.0	8.37	0.0	Water Tested												
01/22/2018	12:37:25	107	0.0	8.37	0.0	Safety Meeting Complete												
01/22/2018	12:37:28	107	0.0	8.37	0.0	Start Job												
01/22/2018	12:37:35	107	0.0	8.37	0.0	Pressure Test Lines												
01/22/2018	12:53:18	372	2.0	11.00	1.2	Start Pumping Spacer												
01/22/2018	12:53:22	225	1.1	11.00	1.3	MPE = 10.9 ppg												
01/22/2018	12:53:23	197	1.1	11.00	1.3	D232 = 55 gals												
01/22/2018	12:53:24	217	1.0	11.00	1.3	B485 = 108 lbs												
01/22/2018	13:18:02	48	0.7	16.78	62.5	Total Vol = 62.79 bbl												
01/22/2018	13:18:03	49	0.0	13.63	62.5	End Spacer												
01/22/2018	13:29:13	147	0.8	11.63	63.6	Drop Bottom Plug												
01/22/2018	13:29:14	158	1.4	11.80	63.7	Start Mixing Lead Slurry												
01/22/2018	13:29:29	281	1.3	11.93	64.0	Lead = 470 sks; 12.0 ppg												
01/22/2018	13:29:30	631	1.4	11.93	64.0	Yield = 1.83 cuft/sk												
01/22/2018	13:29:31	627	1.3	11.92	64.1	Mix Water = 7.48 gal/sk												
01/22/2018	13:29:32	329	1.3	11.91	64.1	Dry Sample Taken												
01/22/2018	13:42:30	581	4.4	11.94	125.6	Wet Sample Taken												
01/22/2018	14:02:49	64	0.1	0.72	215.0	Total Vol = 152.16 bbl												
01/22/2018	14:02:53	64	0.0	0.67	215.0	End Lead Slurry												
01/22/2018	14:12:12	145	1.9	13.67	215.6	Start Mixing Tail Slurry												

Well			Field		Job Start	Customer	Job Number
Papa Jo 2-25 35N2-17HZ 0631736715			Wattenberg		Jan/22/2018	ANADARKO PETROLEUM COMPANY (ED	DUNZ-00127
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
01/22/2018	14:12:19	172	1.9	13.68	215.8	Yield =1.66 cuft/sk	
01/22/2018	14:12:20	182	2.0	13.68	215.9	Dry Sample Taken	
01/22/2018	14:12:21	149	1.9	13.68	215.9	Wet Sample Taken	
01/22/2018	15:06:26	55	0.0	14.23	453.1	Total Vol = 234 bbl	
01/22/2018	15:06:27	55	0.0	14.48	453.1	End Tail Slurry	
01/22/2018	15:23:43	115	3.1	8.39	472.8	Drop Top Plug	
01/22/2018	15:23:45	110	3.1	8.39	472.9	Start Displacement	
01/22/2018	15:36:09	1569	8.3	8.35	567.5	1st 20 bbls Sugar	
01/22/2018	15:36:22	1619	8.3	8.35	569.3	Biocide	
01/22/2018	16:12:08	3033	0.0	8.35	787.5	Bump Top Plug	
01/22/2018	16:12:09	3000	0.0	8.35	787.5	End Displacement	
01/22/2018	16:12:23	2998	0.0	8.35	787.5	Bumped @ 3000 psi	
01/22/2018	16:12:42	3002	0.0	8.35	787.5	Bleed Off/Check Floats	
01/22/2018	16:14:18	38	0.0	8.35	787.6	3 bbls Back/ Floats Held	
01/22/2018	16:16:15	2971	0.0	8.35	790.8	Pressure up to 3000 psi	
01/22/2018	16:16:33	2996	0.0	8.35	790.8	15 Min Casing Test	
01/22/2018	16:33:26	3429	0.7	8.35	791.1	4 bbls For Wet Shoe	
01/22/2018	16:34:06	2496	2.3	8.35	792.5	Burst @ 4500 psi	
01/22/2018	16:37:13	34	0.0	8.35	796.4	Pumped 4 bbls	
01/22/2018	16:37:14	32	0.0	8.35	796.4	Got 2 bbl Back	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl				
Slurry 3.6	N2	Mud	Maximum Rate 8.7		Total Slurry 385.0	Mud 0.0	Spacer 60.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid				
Maximum 5167	Final 30	Average 1038	Bump Plug to 3000	Breakdown	Type		Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 385.0 bbl		Displacement 308.0 bbl		Mix Water Temp 65 degF		Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl
								Washed Thru Perfs <input type="checkbox"/>	To ft
Customer or Authorized Representative				Schlumberger Supervisor				Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>
Jason Laub				Michael Lopez				-	-