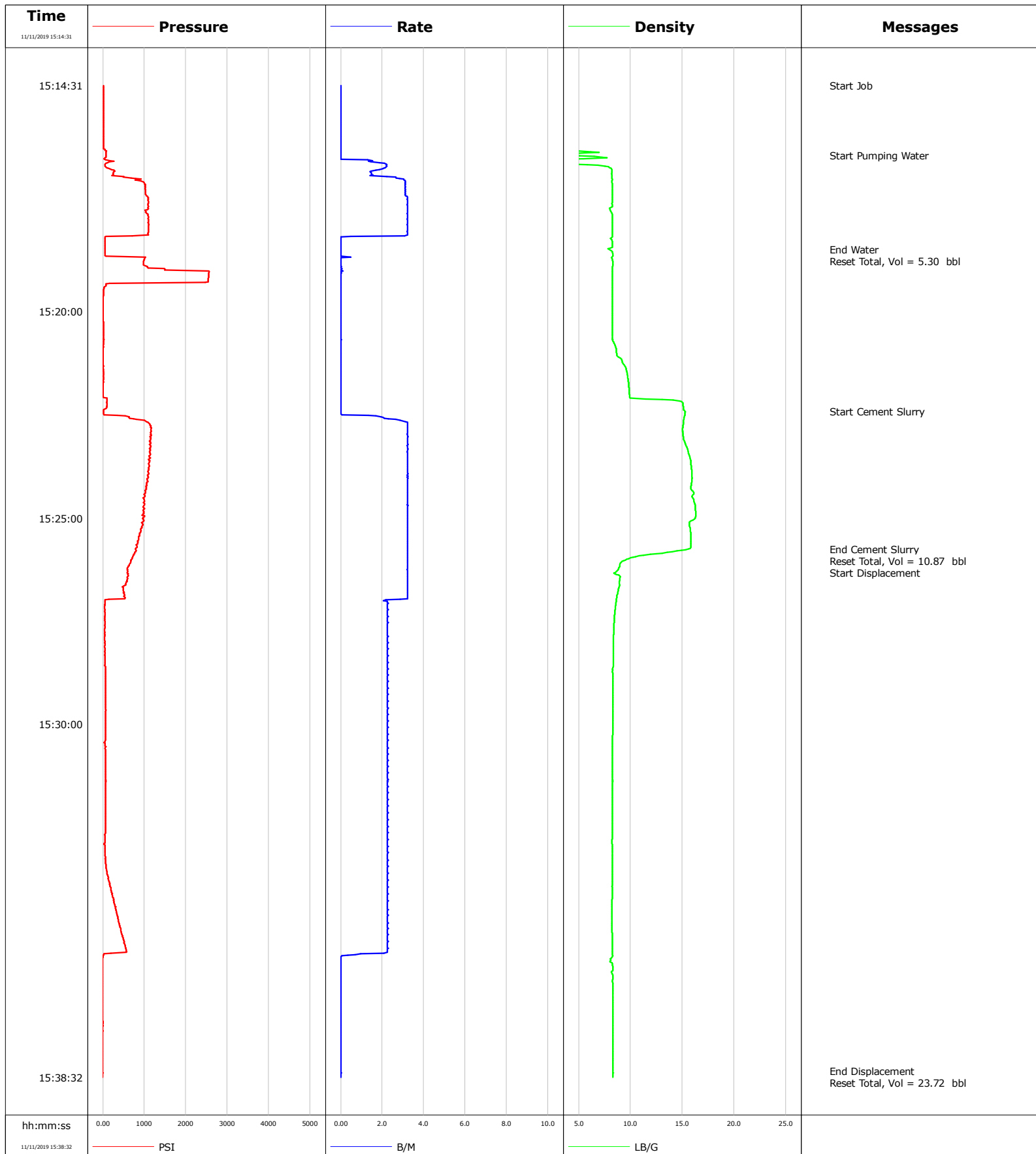


**Well** Prina 14-22A  
**Field** DJ  
**Engineer** R Pippin  
**Country** United States

**Client** Anadarko  
**SIR No.** EGTX-00090  
**Job Type** Nio Plug  
**Job Date** 11-11-2019



Page 1 of 2

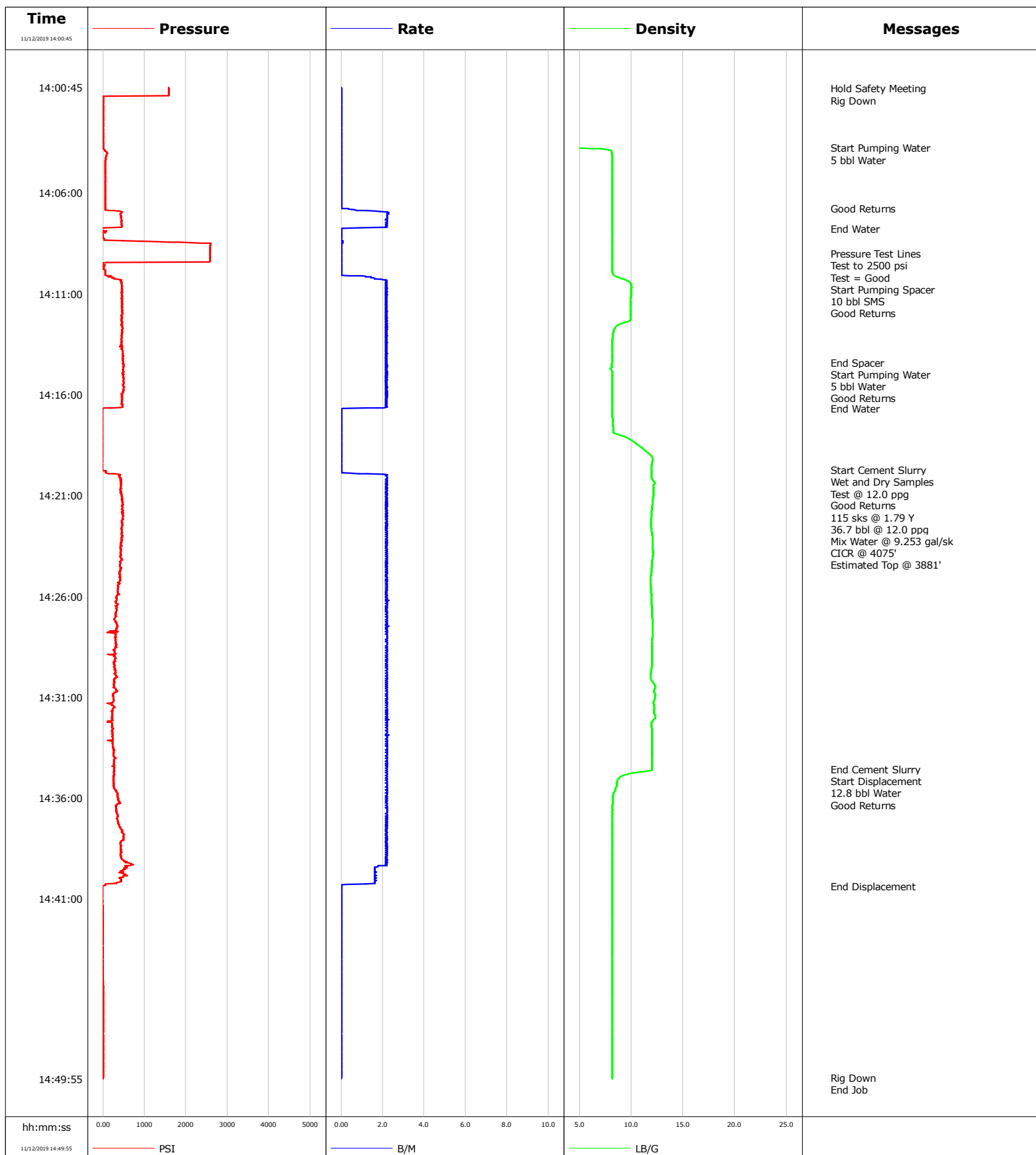
Well			Field		Job Start	Customer	Job Number
Prina 14-22A			DJ		Nov/11/2019	Anadarko	EGTX-00090
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
11/11/2019	15:23:31	1130	3.2	15.72	8.4		
11/11/2019	15:24:01	1098	3.2	15.95	10.0		
11/11/2019	15:24:31	970	3.2	16.00	11.7		
11/11/2019	15:25:01	960	3.2	16.22	13.3		
11/11/2019	15:25:31	869	3.2	15.81	14.9		
11/11/2019	15:25:45	791	3.2	15.64	15.6	End Cement Slurry	
11/11/2019	15:25:48	800	3.2	14.48	15.8	Reset Total, Vol = 10.87 bbl	
11/11/2019	15:25:51	768	3.2	13.06	16.0	Start Displacement	
11/11/2019	15:26:01	677	3.2	9.49	16.5		
11/11/2019	15:26:31	580	3.2	8.96	18.1		
11/11/2019	15:27:01	54	2.3	8.63	19.7		
11/11/2019	15:27:31	49	2.3	8.44	20.8		
11/11/2019	15:28:01	45	2.3	8.36	21.9		
11/11/2019	15:28:31	49	2.3	8.34	23.1		
11/11/2019	15:29:01	68	2.3	8.31	24.2		
11/11/2019	15:29:31	68	2.3	8.31	25.3		
11/11/2019	15:30:01	68	2.3	8.29	26.5		
11/11/2019	15:30:31	54	2.3	8.25	27.6		
11/11/2019	15:31:01	68	2.3	8.25	28.7		
11/11/2019	15:31:31	68	2.3	8.25	29.9		
11/11/2019	15:32:01	68	2.3	8.25	31.0		
11/11/2019	15:32:31	68	2.3	8.25	32.1		
11/11/2019	15:33:01	54	2.3	8.25	33.3		
11/11/2019	15:33:31	86	2.3	8.25	34.4		
11/11/2019	15:34:01	196	2.3	8.25	35.5		
11/11/2019	15:34:31	333	2.3	8.23	36.7		
11/11/2019	15:35:01	448	2.3	8.22	37.8		
11/11/2019	15:35:31	571	2.3	8.25	38.9		
11/11/2019	15:36:01	-5	0.0	8.22	39.0		
11/11/2019	15:36:31	-1	0.0	8.30	39.0		
11/11/2019	15:37:01	-1	0.0	8.29	39.0		
11/11/2019	15:37:31	-1	0.0	8.29	39.0		
11/11/2019	15:38:01	-1	0.0	8.29	39.0		
11/11/2019	15:38:23	-1	0.0	8.29	39.0	End Displacement	
11/11/2019	15:38:26	-1	0.0	8.29	39.0	Reset Total, Vol = 23.72 bbl	

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.6	N2	Mud	Maximum Rate 3.3	Total Slurry 39.0	Mud 0.0	Spacer 5.3	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2563	Final -1	Average 374	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 10.9 bbl		Displacement 23.1 bbl	Mix Water Temp 54 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Jeremy Duty			Schlumberger Supervisor R Pippin			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	

**Well** HSR Prina 14-22A  
**Field** DJ  
**Engineer** Matt Leiker  
**Country** United States

**Client** Anadarko  
**SIR No.** EGTX-00091  
**Job Type** Sqz  
**Job Date** 11-12-2019



# Cementing Service Report

				Customer Anadarko			Job Number EGTX-00091	
Well HSR Prina 14-22A		Location (legal)		Schlumberger Location			Job Start Nov/12/2019	
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD ft
County Weld		State/Province Colorado		BHP psi		BHST degF		BHCT degF
Well Master 0630416465		API/UWI 05123169160000				Pore Press. Gradient lb/gal		
Rig Name Basic 1509		Drilled For Oil		Service Via Land		Casing/ Liner		
Offshore Zone		Well Class Old		Well Type Workover				
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe		
Service Line Cementing		Job Type Sqz						
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole		
Service Instructions Rate and Density Checked Pump 5 bbl Water 10 bbl SMS 5 bbl Water 115 sks @ 1.79 Y @ 36.7 bbl @ 12.0 ppg Mix Water @ 9.253 gal/sk Displace 12.8 bbl Water CICR @ 4075' Estimated Top @ 3881'								
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		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft		Tool Type		
No. Centralizers		Top Plugs		Bottom Plugs		Tool Depth ft		
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Nov/12/2019		Arrived on Location Nov/12/2019		Leave Location Nov/12/2019		Collar Type		
						Collar Depth ft		
						Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/12/2019	14:00:45	1583	0.0	-0.00	0.0	Started Acquisition		
11/12/2019	14:00:48	1583	0.0	-0.00	0.0	Hold Safety Meeting		
11/12/2019	14:03:46	0	0.0	3.92	0.0	Start Pumping Water		
11/12/2019	14:04:00	101	0.0	8.12	0.0	5 bbl Water		
11/12/2019	14:06:45	55	0.0	8.18	0.0	Good Returns		
11/12/2019	14:07:45	-27	0.1	8.18	1.9	End Water		
11/12/2019	14:09:01	2573	0.0	8.18	1.9	Pressure Test Lines		
11/12/2019	14:09:02	2573	0.0	8.18	1.9	Test to 2500 psi		
11/12/2019	14:09:46	9	0.0	8.18	1.9	Start Pumping Spacer		
11/12/2019	14:10:00	55	0.0	8.23	1.9	10 bbl SMS		
11/12/2019	14:14:24	481	2.2	8.19	11.2	End Spacer		
11/12/2019	14:14:25	499	2.2	8.19	11.2	Start Pumping Water		
11/12/2019	14:15:00	504	2.2	8.18	12.5	5 bbl Water		
11/12/2019	14:16:41	-27	0.1	8.18	16.1	End Water		
11/12/2019	14:19:44	-14	0.0	11.96	16.1	Start Cement Slurry		
11/12/2019	14:20:00	385	2.2	11.97	16.3	Wet and Dry Samples		
11/12/2019	14:21:00	458	2.2	12.14	18.5	115 sks @ 1.79 Y		
11/12/2019	14:22:00	485	2.2	11.95	20.7	CICR @ 4075'		
11/12/2019	14:34:34	261	2.2	12.00	48.3	End Cement Slurry		
11/12/2019	14:34:35	266	2.2	12.00	48.4	Start Displacement		
11/12/2019	14:35:00	266	2.1	8.83	49.3	12.8 bbl Water		

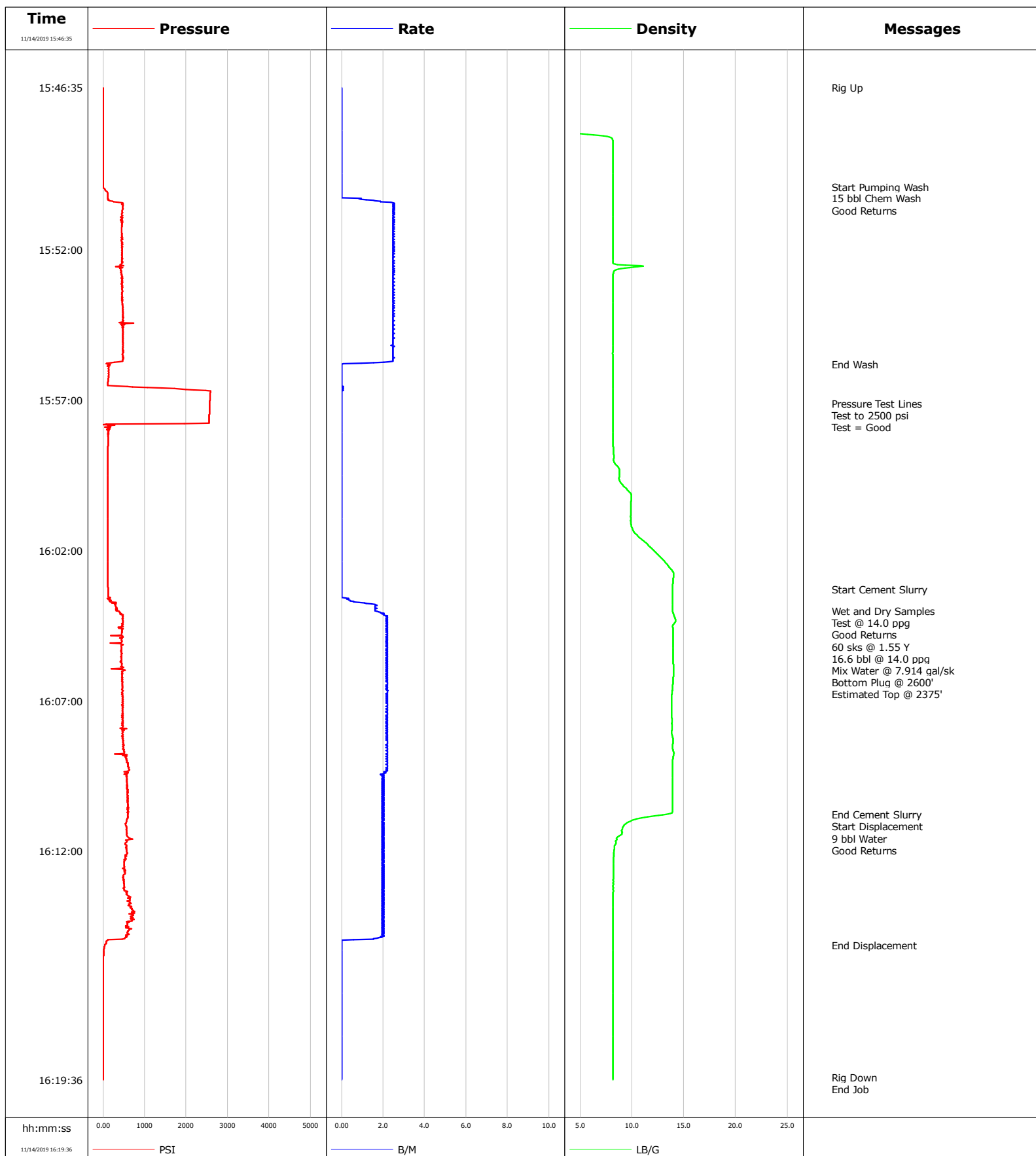
<b>Well</b> HSR Prina 14-22A	<b>Field</b> DJ	<b>Job Start</b> Nov/12/2019	<b>Customer</b> Anadarko	<b>Job Number</b> EGTX-00091
---------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.1	N2	Mud	Maximum Rate 2.3		Total Slurry 36.7	Mud 0.0	Spacer 20.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2600	Final 0	Average 425	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 36.7 bbl	Displacement 12.8 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
				Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Jeremy Duty			Schlumberger Supervisor Matt Leiker			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-

**Well** HSR Prina 14-22A  
**Field** DJ  
**Engineer** Matt Leiker  
**Country** United States

**Client** Anadarko  
**SIR No.** EGTX-00092  
**Job Type** Plug  
**Job Date** 11-14-2019



# Cementing Service Report

				Customer Anadarko			Job Number EGTX-00092								
Well HSR Prina 14-22A			Location (legal)			Schlumberger Location			Job Start Nov/14/2019						
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft				
County Weld		State/Province Colorado			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal				
Well Master 0630416465		API/UWI 05123169160000													
Rig Name Basic 1509		Drilled For Gas		Service Via Land		Casing/ Liner									
						Depth, ft		Size, in		Weight, lb/ft		Grade	Thread		
Offshore Zone		Well Class Old		Well Type Workover											
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe									
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade	Thread
Service Line Cementing		Job Type Plug				T		2600.0		2.4		4.7		J55	8RD
								0.0		0.0		0.0			
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole									
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft	
						ft		ft							
						ft		ft						Diameter in	
						Treat Down Tubing		Displacement 9.0 bbl		Packer Type		Packer Depth ft			
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. 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				Squeeze Type					
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft				Tool Type					
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft					
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in					
Job Scheduled For Nov/14/2019		Arrived on Location Nov/14/2019		Leave Location Nov/14/2019		Collar Type				Tail Pipe Depth ft					
						Collar Depth ft				Sqz. Total Vol. bbl					
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
11/14/2019	15:46:35	5	0.0	2.47	0.0	Started Acquisition									
11/14/2019	15:49:53	5	0.0	8.18	0.0	Start Pumping Wash									
11/14/2019	15:50:00	50	0.0	8.19	0.0	15 bbl Chem Wash									
11/14/2019	15:55:48	179	0.0	8.18	13.5	End Wash									
11/14/2019	15:57:06	2568	0.0	8.18	13.5	Pressure Test Lines									
11/14/2019	15:57:07	2568	0.0	8.18	13.5	Test to 2500 psi									
11/14/2019	16:03:17	124	0.0	13.91	13.5	Start Cement Slurry									
11/14/2019	16:04:00	320	1.6	13.92	14.0	Wet and Dry Samples									
11/14/2019	16:05:00	453	2.2	13.97	16.1	60 sks @ 1.55 Y									
11/14/2019	16:06:00	485	2.2	14.01	18.3	Bottom Plug @ 2600'									
11/14/2019	16:10:47	595	2.0	13.29	28.5	End Cement Slurry									
11/14/2019	16:10:48	609	2.0	12.96	28.5	Start Displacement									
11/14/2019	16:11:00	563	2.0	9.86	28.9	9 bbl Water									
11/14/2019	16:15:08	41	0.0	8.18	36.8	End Displacement									
11/14/2019	16:19:32	9	0.0	8.18	36.8	Rig Down									

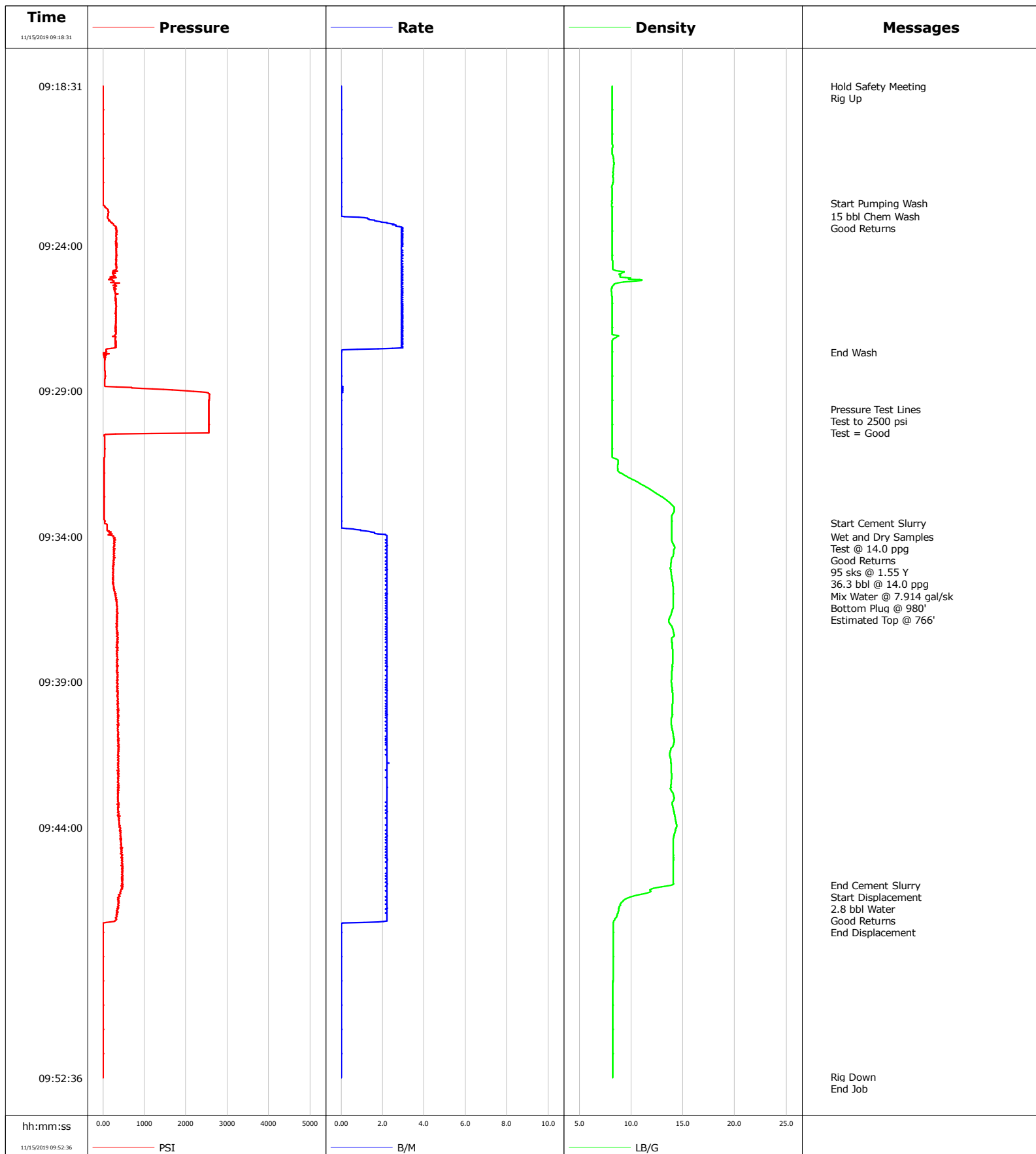
<b>Well</b> HSR Prina 14-22A	<b>Field</b> DJ	<b>Job Start</b> Nov/14/2019	<b>Customer</b> Anadarko	<b>Job Number</b> EGTX-00092
---------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.2	N2	Mud	Maximum Rate 2.6		Total Slurry 16.6	Mud 0.0	Spacer 15.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 2596	Final 0	Average 373	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 16.6 bbl		Displacement 9.0 bbl		Mix Water Temp 63 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Jeremy Duty				Schlumberger Supervisor Matt Leiker				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

**Well** HSR Prina 14-22A  
**Field** DJ  
**Engineer** Matt Leiker  
**Country** United States

**Client** Anadarko  
**SIR No.** EGTX-00093  
**Job Type** Plug  
**Job Date** 11-15-2019



# Cementing Service Report

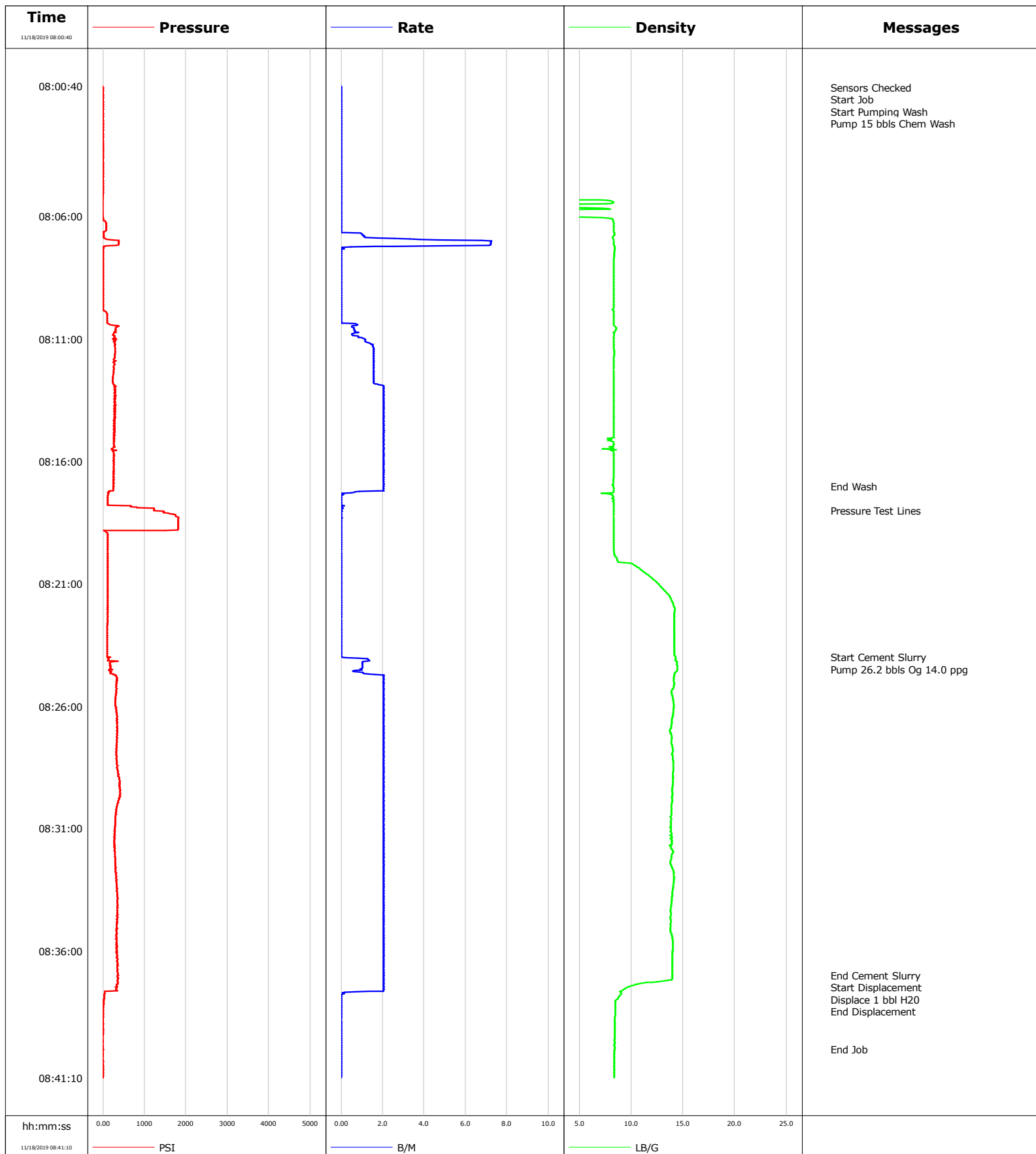
				Customer Anadarko			Job Number EGTX-00093						
Well HSR Prina 14-22A			Location (legal)			Schlumberger Location			Job Start Nov/15/2019				
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft		
County Weld		State/Province Colorado			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal		
Well Master		API/UWI											
Rig Name Basic 1509		Drilled For Oil		Service Via		Casing/Liner							
						Depth, ft		Size, in		Weight, lb/ft		Grade	
Offshore Zone		Well Class Old		Well Type Workover									
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe							
						T/D		Depth, ft		Size, in		Weight, lb/ft	
Service Line Cementing		Job Type Plug											
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole							
						Top, ft		Bottom, ft		shot/ft		No. of Shots	
						Treat Down Tubing		Displacement 2.8 bbl		Packer Type		Packer Depth ft	
						Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. 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				Squeeze Type			
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft				Tool Type			
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type				Tool Depth ft			
Cement Head Type						Stage Tool Depth ft				Tail Pipe Size in			
Job Scheduled For Nov/15/2019		Arrived on Location Nov/15/2019		Leave Location Nov/15/2019		Collar Type				Tail Pipe Depth ft			
						Collar Depth ft				Sqz. Total Vol. bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message							
11/15/2019	09:18:31	0	0.0	8.19	0.0	Started Acquisition							
11/15/2019	09:22:32	0	0.0	8.16	0.0	Start Pumping Wash							
11/15/2019	09:23:00	119	0.0	8.18	0.0	15 bbl Chem Wash							
11/15/2019	09:27:41	73	0.0	8.19	12.9	End Wash							
11/15/2019	09:29:37	2554	0.0	8.18	12.9	Pressure Test Lines							
11/15/2019	09:29:38	2554	0.0	8.18	12.9	Test to 2500 psi							
11/15/2019	09:29:39	2554	0.0	8.18	12.9	Test = Good							
11/15/2019	09:33:32	37	0.0	13.91	12.9	Start Cement Slurry							
11/15/2019	09:34:00	243	2.2	13.95	13.3	Wet and Dry Samples							
11/15/2019	09:35:00	252	2.2	13.82	15.5	95 sks @ 1.55 Y							
11/15/2019	09:36:00	307	2.2	14.05	17.7	Bottom Plug @ 980'							
11/15/2019	09:45:59	481	2.2	13.98	39.7	End Cement Slurry							
11/15/2019	09:46:00	462	2.2	13.81	39.8	Start Displacement							
11/15/2019	09:46:01	439	2.2	13.54	39.8	2.8 bbl Water							
11/15/2019	09:46:02	490	2.1	13.24	39.8	Good Returns							
11/15/2019	09:47:17	9	0.1	8.29	42.5	End Displacement							

<b>Well</b> HSR Prina 14-22A	<b>Field</b> DJ	<b>Job Start</b> Nov/15/2019	<b>Customer</b> Anadarko	<b>Job Number</b> EGTX-00093
---------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.3	N2	Mud	Maximum Rate 3.0		Total Slurry 26.3	Mud 0.0	Spacer 15.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2573	Final 0	Average 342	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 26.3 bbl	Displacement 0.0 bbl	Mix Water Temp 61 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
				Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Jeremy Duty			Schlumberger Supervisor Matt Leiker			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-

<b>Well</b>	Prina 14-22A	<b>Client</b>	Anadarko
<b>Field</b>	DJ	<b>SIR No.</b>	3092352
<b>Engineer</b>	Justin Zika	<b>Job Type</b>	Stub 2
<b>Country</b>	United States	<b>Job Date</b>	11-18-2019



# Cementing Service Report

				Customer Anadarko			Job Number 3092352								
Well Prina 14-22A			Location (legal)			Schlumberger Location			Job Start Nov/18/2019						
Field DJ		Formation Name/Type			Deviation deg		Bit Size in		Well MD ft		Well TVD ft				
County Weld		State/Province Colorado			BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal				
Well Master		API/UWI 512316916													
Rig Name Basic 1509		Drilled For Oil		Service Via Land		Casing/ Liner									
						Depth, ft		Size, in		Weight, lb/ft		Grade	Thread		
Offshore Zone		Well Class Old		Well Type Workover											
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe									
						T/D		Depth, ft		Size, in		Weight, lb/ft		Grade	Thread
Service Line Cementing		Job Type Stub 2				T		680.0		2.4		4.7		J55	8RD
								0.0		0.0		0.0			
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole									
						Top, ft		Bottom, ft		shot/ft		No. of Shots		Total Interval ft	
<b>Service Instructions</b> Sensors Checked Pump 15 bbls Of Chem Wash Psi Test Pump 26.2 bbls Oq 14.0 ppg @ 95 sks @ 1.55 Y Mix H2O 7.914 gps Displace 1 bls H2O Estimated TOC 359' Bottom Plug 680'						ft		ft							
						ft		ft						Diameter in	
						ft		ft							
		Treat Down Tubing		Displacement 1.0 bbl		Packer Type		Packer Depth ft							
		Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. 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			Squeeze Type						
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Shoe Depth ft			Tool Type						
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft						
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in						
Job Scheduled For Nov/18/2019		Arrived on Location Nov/18/2019		Leave Location Nov/18/2019		Collar Type			Tail Pipe Depth ft						
						Collar Depth ft			Sqz. Total Vol. bbl						
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message									
11/18/2019	08:00:40	-5	0.0	0.01	0.0	Started Acquisition									
11/18/2019	08:00:44	0	0.0	0.01	0.0	Sensors Checked									
11/18/2019	08:00:45	0	0.0	0.01	0.0	Start Job									
11/18/2019	08:00:47	0	0.0	0.01	0.0	Pump 15 bbls Chem Wash									
11/18/2019	08:05:40	-5	0.0	7.21	0.0										
11/18/2019	08:10:40	302	0.6	8.48	2.4										
11/18/2019	08:15:40	270	2.1	8.32	11.3										
11/18/2019	08:17:00	243	2.0	8.26	14.0	End Wash									
11/18/2019	08:18:00	1222	0.0	8.33	14.5	Pressure Test Lines									
11/18/2019	08:20:40	110	0.0	11.72	14.5										
11/18/2019	08:24:00	188	0.0	14.27	14.5	Start Cement Slurry									
11/18/2019	08:25:40	311	2.0	14.02	17.2										
11/18/2019	08:30:40	293	2.0	13.85	27.5										
11/18/2019	08:35:40	320	2.0	14.00	37.7										
11/18/2019	08:37:00	357	2.0	13.99	40.5	End Cement Slurry									
11/18/2019	08:38:00	23	0.0	8.54	41.8	End Displacement									
11/18/2019	08:40:00	0	0.0	8.40	41.8	End Job									

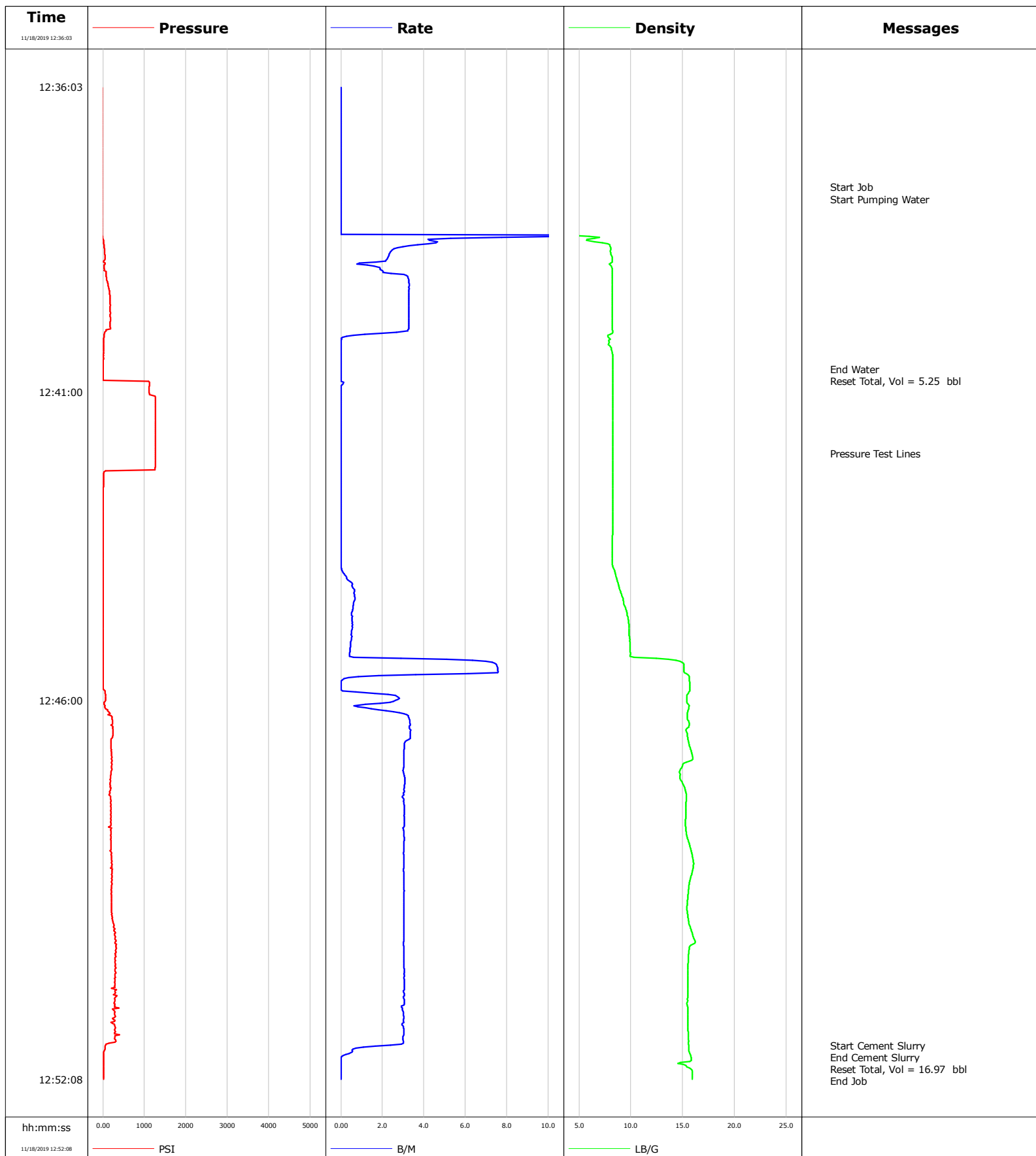
<b>Well</b> Prina 14-22A	<b>Field</b> DJ	<b>Job Start</b> Nov/18/2019	<b>Customer</b> Anadarko	<b>Job Number</b> 3092352
-----------------------------	--------------------	---------------------------------	-----------------------------	------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 1.9	N2	Mud	Maximum Rate 7.3		Total Slurry 26.2	Mud 0.0	Spacer 15.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1822	Final -3722	Average 288	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 26.2 bbl	Displacement 1.0 bbl	Mix Water Temp degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl		
				Washed Thru Perfs <input type="checkbox"/>		To ft		
Customer or Authorized Representative Jeremy Duty			Schlumberger Supervisor Justin Zika			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-

**Well** Prina 14-22A  
**Field** DJ  
**Engineer** R Pippin  
**Country** United States

**Client** Anadarko  
**SIR No.** EGTX-00094  
**Job Type** Surface Plug  
**Job Date** 11-18-2019



# Cementing Service Report

				Customer Anadarko			Job Number EGTX-00094					
Well Prina 14-22A			Location (legal)			Schlumberger Location Cheyenne			Job Start Nov/18/2019			
Field DJ		Formation Name/Type		Deviation deg		Bit Size in		Well MD 150.0 ft		Well TVD 150.0 ft		
County Weld		State/Province Colorado		BHP psi		BHST degF		BHCT degF		Pore Press. Gradient lb/gal		
Well Master		API/UWI										
Rig Name		Drilled For Gas		Service Via Land		Casing/Liner						
						Depth, ft		Size, in		Weight, lb/ft		
										Grade		
										Thread		
Offshore Zone		Well Class Old		Well Type Workover		150.0		8.6		24.0		
						0.0		0.0		0.0		
Drilling Fluid Type		Max. Density lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe						
						T/D		Depth, ft		Size, in		
										Weight, lb/ft		
										Grade		
										Thread		
Service Line Cementing		Job Type Surface Plug				T		150.0		2.4		
										4.7		
										j55		
										EUE		
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole						
						Top, ft		Bottom, ft		shot/ft		
										No. of Shots		
										Total Interval ft		
										Diameter in		
						Treat Down Tubing		Displacement 0.0 bbl		Packer Type		
										Packer Depth ft		
						Tubing Vol. 0.6 bbl		Casing Vol. bbl		Annular Vol. bbl		
										Openhole Vol. 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			Squeeze Type			
Pipe Rotated <input type="checkbox"/>			Pipe Reciprocated <input type="checkbox"/>			Shoe Depth ft			Tool Type			
No. Centralizers			Top Plugs		Bottom Plugs		Stage Tool Type			Tool Depth ft		
Cement Head Type						Stage Tool Depth ft			Tail Pipe Size in			
Job Scheduled For Nov/18/2019			Arrived on Location Nov/18/2019		Leave Location Nov/18/2019		Collar Type			Tail Pipe Depth ft		
							Collar Depth ft			Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message						
11/18/2019	12:36:03	-15	0.0	0.11	0.0	JSA Complete						
11/18/2019	12:36:33	-15	0.0	0.11	0.0							
11/18/2019	12:37:33	-15	0.0	0.11	0.0							
11/18/2019	12:37:41	-15	0.0	0.11	0.0	Start Job						
11/18/2019	12:37:44	-15	0.0	0.11	0.0	Start Pumping Water						
11/18/2019	12:38:03	-15	0.0	0.11	0.0							
11/18/2019	12:38:33	13	4.3	5.74	0.8							
11/18/2019	12:39:03	77	2.0	8.22	2.0							
11/18/2019	12:39:33	173	3.3	8.23	3.6							
11/18/2019	12:40:03	40	1.9	8.22	5.2							
11/18/2019	12:40:33	8	0.0	8.27	5.3							
11/18/2019	12:40:38	8	0.0	8.27	5.3	End Water						
11/18/2019	12:40:41	8	0.0	8.27	5.3	Reset Total, Vol = 5.25 bbl						
11/18/2019	12:41:03	1121	0.0	8.26	5.3							
11/18/2019	12:41:33	1267	0.0	8.26	5.3							
11/18/2019	12:42:00	1263	0.0	8.26	5.3	Pressure Test Lines						
11/18/2019	12:42:03	1263	0.0	8.26	5.3							
11/18/2019	12:42:33	8	0.0	8.26	5.3							
11/18/2019	12:43:03	8	0.0	8.27	5.3							
11/18/2019	12:43:33	8	0.0	8.22	5.3							
11/18/2019	12:44:03	4	0.4	8.69	5.3							

Well			Field		Job Start	Customer		Job Number
Prina 14-22A			DJ		Nov/18/2019	Anadarko		EGTX-00094
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
11/18/2019	12:45:03	8	0.5	9.91	5.9			
11/18/2019	12:45:33	4	7.6	15.19	7.6			
11/18/2019	12:46:03	27	1.9	15.47	8.4			
11/18/2019	12:46:33	246	3.3	15.44	9.8			
11/18/2019	12:47:33	182	3.0	15.36	12.8			
11/18/2019	12:48:03	141	3.0	15.29	14.4			
11/18/2019	12:48:33	205	3.0	15.97	15.9			
11/18/2019	12:49:03	214	3.0	15.58	17.4			
11/18/2019	12:49:33	233	3.0	15.55	18.9			
11/18/2019	12:50:03	306	3.0	15.62	20.4			
11/18/2019	12:50:33	297	3.1	15.49	21.9			
11/18/2019	12:51:03	297	3.0	15.49	23.5			
11/18/2019	12:51:33	150	3.0	15.57	25.0			
11/18/2019	12:51:35	63	2.4	15.58	25.1	Start Cement Slurry		
11/18/2019	12:51:38	49	0.7	15.59	25.1	Reset Total, Vol = 16.97 bbl		
11/18/2019	12:52:02	13	0.0	15.94	25.2	End Job		

### Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl						
Slurry 2.6	N2	Mud	Maximum Rate 3.1	Total Slurry 17.0	Mud 0.0	Spacer 5.0	N2				
Treating Pressure Summary, psi					Breakdown Fluid						
Maximum 1272	Final 8	Average 243	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal				
Avg. N2 Percent %	Designed Slurry Volume 12.4 bbl	Displacement 0.0 bbl	Mix Water Temp 60 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl					
				Washed Thru Perfs <input type="checkbox"/>		To ft					
Customer or Authorized Representative Jeremy Duty			Schlumberger Supervisor R Pippin			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>				
						-	-				