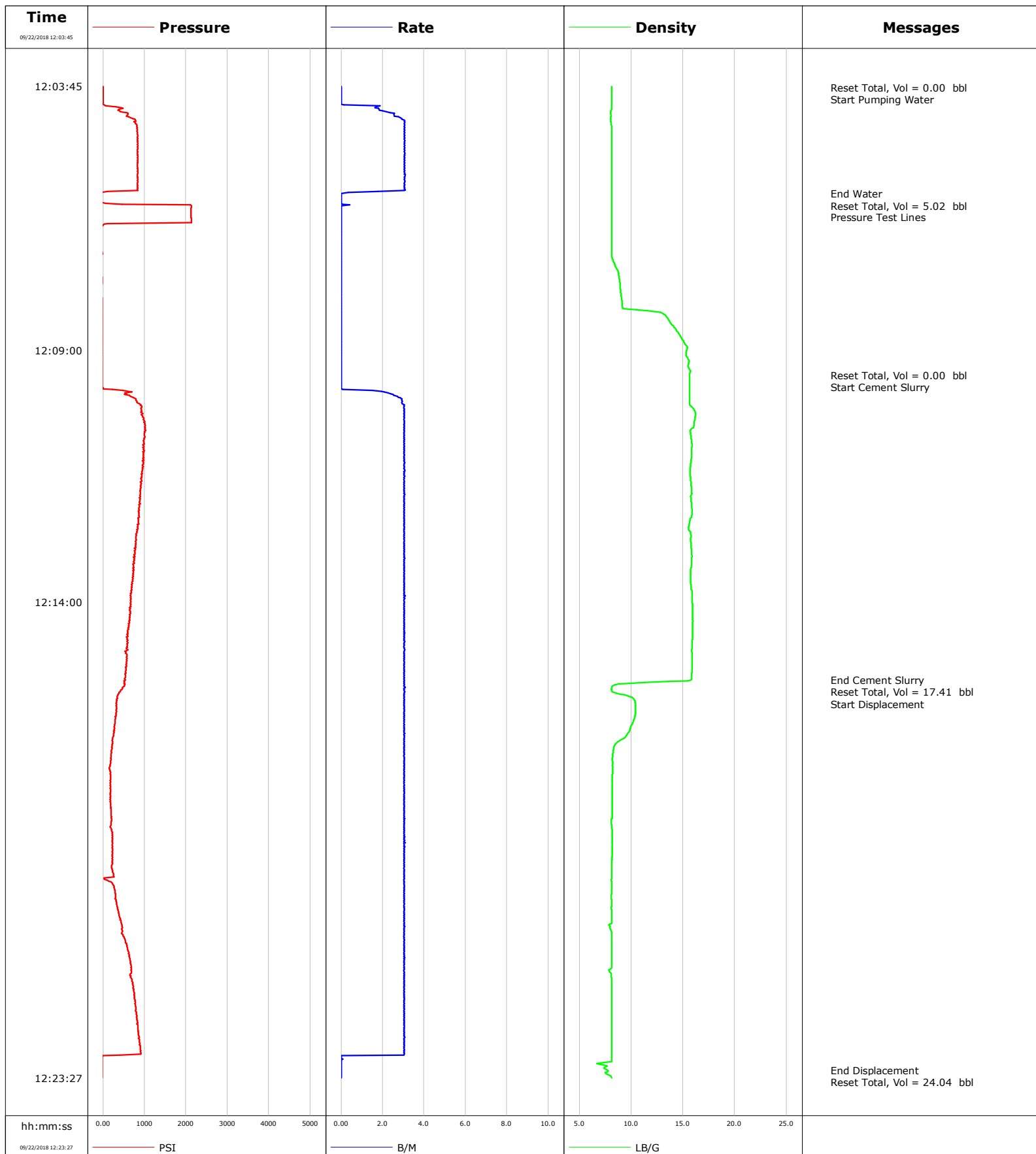


Well UPRR 38 pa 0 true 2
Field DJ
Engineer Richard White
Country United States

Client Anadarko
SIR No. DXVN-01457
Job Type P A Nio Plug
Job Date 09-22-2018



Cementing Service Report

				Customer Anadarko		Job Number DXVN-01457	
Well UPRR 38 pa 0 true 2		Location (legal) CWy		Schlumberger Location Cheyenne		Job Start Sep/22/2018	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 7170.0 ft	Well TVD 7170.0 ft
County Weld		State/Province Colorado		BHP psi	BHST 220 degF	BHCT 210 degF	Pore Press. Gradient lb/gal
Well Master		API/UWI					
Rig Name Ranger 4	Drilled For Oil and Gas	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class Old	Well Type Other	7170.0	5.5	17.0	n/a	n/a
			0.0	0.0	0.0		
Drilling Fluid Type Other		Max. Density 8.40 lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
Service Line Cementing	Job Type P & A Nio Plug			T	7170.0	2.4	4.7
					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
			ft	ft			in
			Treat Down Tubing	Displacement 24.0 bbl	Packer Type	Packer Depth ft	
			Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl	
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input 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 Sep/22/2018		Arrived on Location Sep/22/2018	Leave Location Sep/22/2018	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 NULL	Message	
09/22/2018	12:03:45	0	0.0	8.14	5	Started Acquisition	
09/22/2018	12:03:47	0	0.0	8.14	12	Reset Total, Vol = 0.00 bbl	
09/22/2018	12:03:50	0	0.0	8.14	5	Start Pumping Water	
09/22/2018	12:05:45	833	3.0	8.13	5		
09/22/2018	12:05:53	-46	0.0	8.13	5	End Water	
09/22/2018	12:05:56	-46	0.0	8.13	12	Reset Total, Vol = 5.02 bbl	
09/22/2018	12:06:13	2129	0.0	8.14	10	Pressure Test Lines	
09/22/2018	12:07:45	-27	0.0	8.95	10		
09/22/2018	12:09:30	-14	0.0	15.65	12	Reset Total, Vol = 0.00 bbl	
09/22/2018	12:09:33	-18	0.0	15.64	5	Start Cement Slurry	
09/22/2018	12:09:45	9	0.0	15.64	5		
09/22/2018	12:11:45	897	3.0	15.83	5		
09/22/2018	12:13:45	682	3.0	15.80	5		
09/22/2018	12:15:33	545	3.0	15.77	5	End Cement Slurry	
09/22/2018	12:15:35	522	3.0	13.59	12	Reset Total, Vol = 17.41 bbl	
09/22/2018	12:15:42	476	3.1	8.13	5	Start Displacement	
09/22/2018	12:15:45	439	3.0	8.12	5		
09/22/2018	12:17:45	183	3.0	8.19	5		
09/22/2018	12:19:45	293	3.0	8.13	5		
09/22/2018	12:21:45	746	3.0	8.13	5		
09/22/2018	12:23:18	-23	0.0	7.70	5	End Displacement	

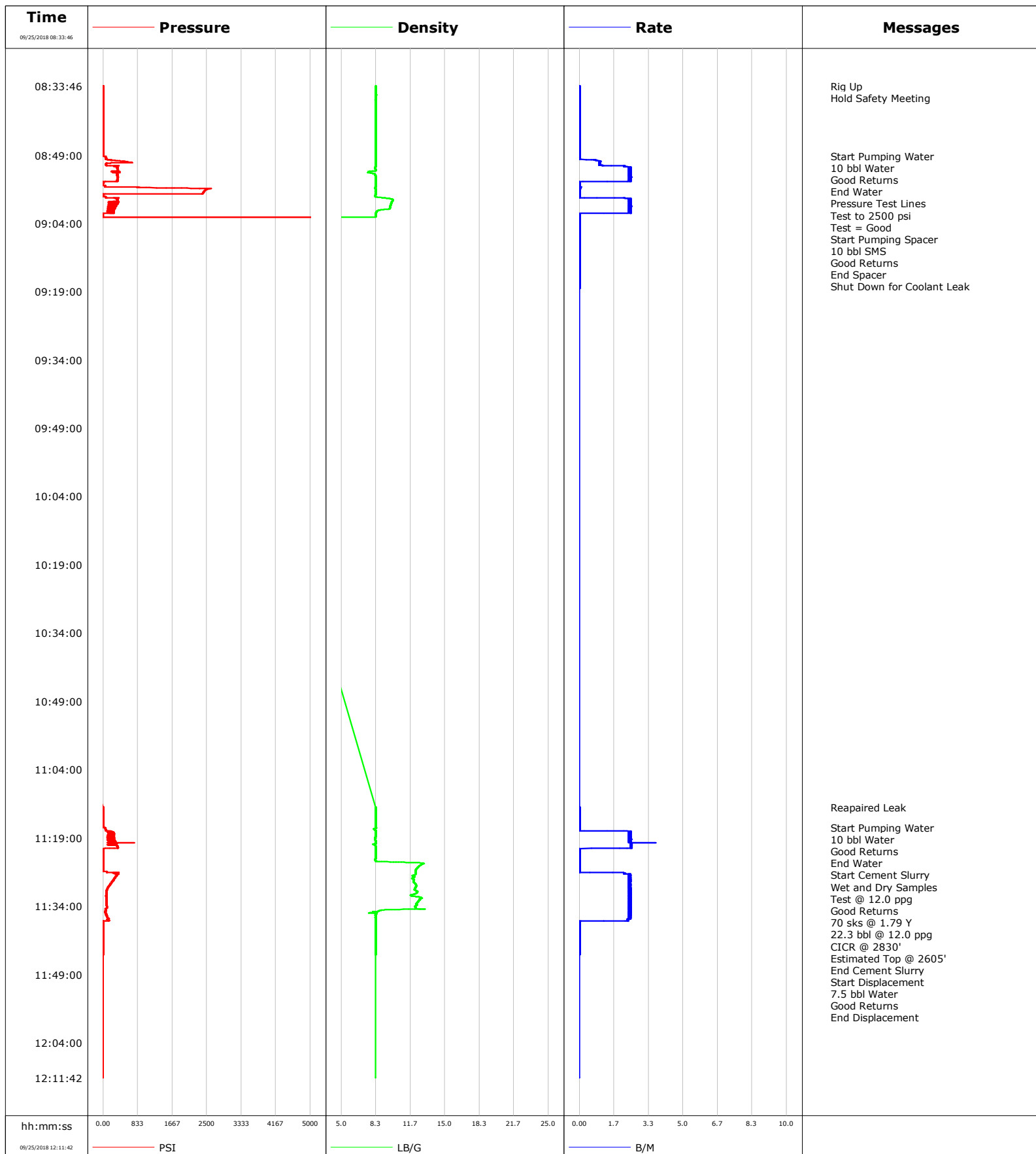
Well UPRR 38 pa 0 true 2	Field DJ	Job Start Sep/22/2018	Customer Anadarko	Job Number DXVN-01457
------------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 3.0	N2	Mud	Maximum Rate 3.1		Total Slurry 17.7	Mud 0.0	Spacer 5.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 2133	Final -18	Average 629	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %	Designed Slurry Volume 0.0 bbl	Displacement 24.5 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 Jim			Schlumberger Supervisor Richard White			Circulation Lost <input type="checkbox"/>		Job Completed <input type="checkbox"/>
						-		-

Well UPRR 38 PAO True 2
Field DJ
Engineer Matt Leiker
Country United States

Client Anadarko
SIR No. DXVN-01458
Job Type Plug
Job Date 09-24-2018



Cementing Service Report

				Customer Anadarko			Job Number DXVN-01458						
Well UPRR 38 PAO True 2			Location (legal)			Schlumberger Location			Job Start Sep/25/2018				
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 05123110550000											
Rig Name Ranger Rig 4		Drilled For Oil		Service Via Land		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				T		2830.0		2.4		4.7	
								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	
						ft		ft					
						ft		ft				Diameter in	
						ft		ft					
Service Instructions Rate and Density Checked Pump 10 bbl Water 10 bbl SMS 10 bbl Water 70 sks @ 1.79 Y @ 22.3 bbl @ 12.0 ppg Displace 7.5 bbl Water Bottom Plug @ 2830' Estimated Top @ 2605'						Treat Down Tubing		Displacement 7.5 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 Sep/25/2018		Arrived on Location Sep/25/2018		Leave Location Sep/25/2018		Collar Type				Tail Pipe Depth ft			
						Collar Depth ft				Sqz. Total Vol. bbl			
Date	Time 24-hr clock	CMT_ACQ_AUXILIARY_1 NULL		CMT_ACQ_AUXILIARY_2 NULL		CMT_ACQ_AUXILIARY_4 NULL		Message					
09/25/2018	08:33:46	0		0		0		Started Acquisition					
09/25/2018	08:33:47	0		0		0		Rig Up					
09/25/2018	08:35:46	0		0		0							
09/25/2018	08:37:46	0		0		0							
09/25/2018	08:39:46	0		0		0							
09/25/2018	08:41:46	0		0		0							
09/25/2018	08:43:46	0		0		0							
09/25/2018	08:45:46	0		0		0							
09/25/2018	08:47:46	0		0		0							
09/25/2018	08:49:08	0		0		0		Start Pumping Water					
09/25/2018	08:49:46	0		0		0							
09/25/2018	08:50:00	0		0		0		10 bbl Water					
09/25/2018	08:51:46	0		0		0							
09/25/2018	08:53:46	0		0		0							
09/25/2018	08:54:52	0		0		0		End Water					
09/25/2018	08:55:46	0		0		0							
09/25/2018	08:56:59	0		0		0		Pressure Test Lines					
09/25/2018	08:57:00	0		0		0		Test to 2500 psi					
09/25/2018	08:57:01	0		0		0		Test = Good					
09/25/2018	08:57:46	0		0		0							
09/25/2018	08:58:04	0		0		0		Start Pumping Spacer					

Well			Field	Job Start	Customer	Job Number
UPRR 38 PAO True 2			DJ	Sep/25/2018	Anadarko	DXVN-01458
Date	Time 24-hr clock	CMT_ACQ_AUXILIARY_1 NULL	CMT_ACQ_AUXILIARY_2 NULL	CMT_ACQ_AUXILIARY_4 NULL	Message	
09/25/2018	08:59:46	0	0	0		
09/25/2018	09:01:46	0	0	0		
09/25/2018	09:02:39	0	0	0	End Spacer	
09/25/2018	09:03:46	0	0	0		
09/25/2018	09:05:00	0	0	0	Shut Down for Coolant Leak	
09/25/2018	09:05:46	0	0	0		
09/25/2018	09:07:46	0	0	0		
09/25/2018	09:09:46	0	0	0		
09/25/2018	09:11:46	0	0	0		
09/25/2018	09:13:46	0	0	0		
09/25/2018	09:15:46	0	0	0		
09/25/2018	09:17:46	0	0	0		
09/25/2018	11:12:20	0	0	0	Repaired Leak	
09/25/2018	11:13:46	0	0	0		
09/25/2018	11:15:46	0	0	0		
09/25/2018	11:16:43	0	0	0	Start Pumping Water	
09/25/2018	11:17:00	0	0	0	10 bbl Water	
09/25/2018	11:17:46	0	0	0		
09/25/2018	11:19:46	0	0	0		
09/25/2018	11:21:21	0	0	0	End Water	
09/25/2018	11:21:46	0	0	0		
09/25/2018	11:23:46	0	0	0		
09/25/2018	11:25:46	0	0	0		
09/25/2018	11:26:22	0	0	0	Start Cement Slurry	
09/25/2018	11:27:00	0	0	0	Wet and Dry Samples	
09/25/2018	11:27:46	0	0	0		
09/25/2018	11:28:00	0	0	0	70 sks @ 1.79 Y	
09/25/2018	11:29:00	0	0	0	CICR @ 2830'	
09/25/2018	11:29:46	0	0	0		
09/25/2018	11:31:46	0	0	0		
09/25/2018	11:33:46	0	0	0		
09/25/2018	11:34:32	0	0	0	End Cement Slurry	
09/25/2018	11:34:33	0	0	0	Start Displacement	
09/25/2018	11:35:00	0	0	0	7.5 bbl Water	
09/25/2018	11:35:46	0	0	0		
09/25/2018	11:37:18	0	0	0	End Displacement	
09/25/2018	11:37:46	0	0	0		
09/25/2018	11:39:46	0	0	0		
09/25/2018	11:41:46	0	0	0		

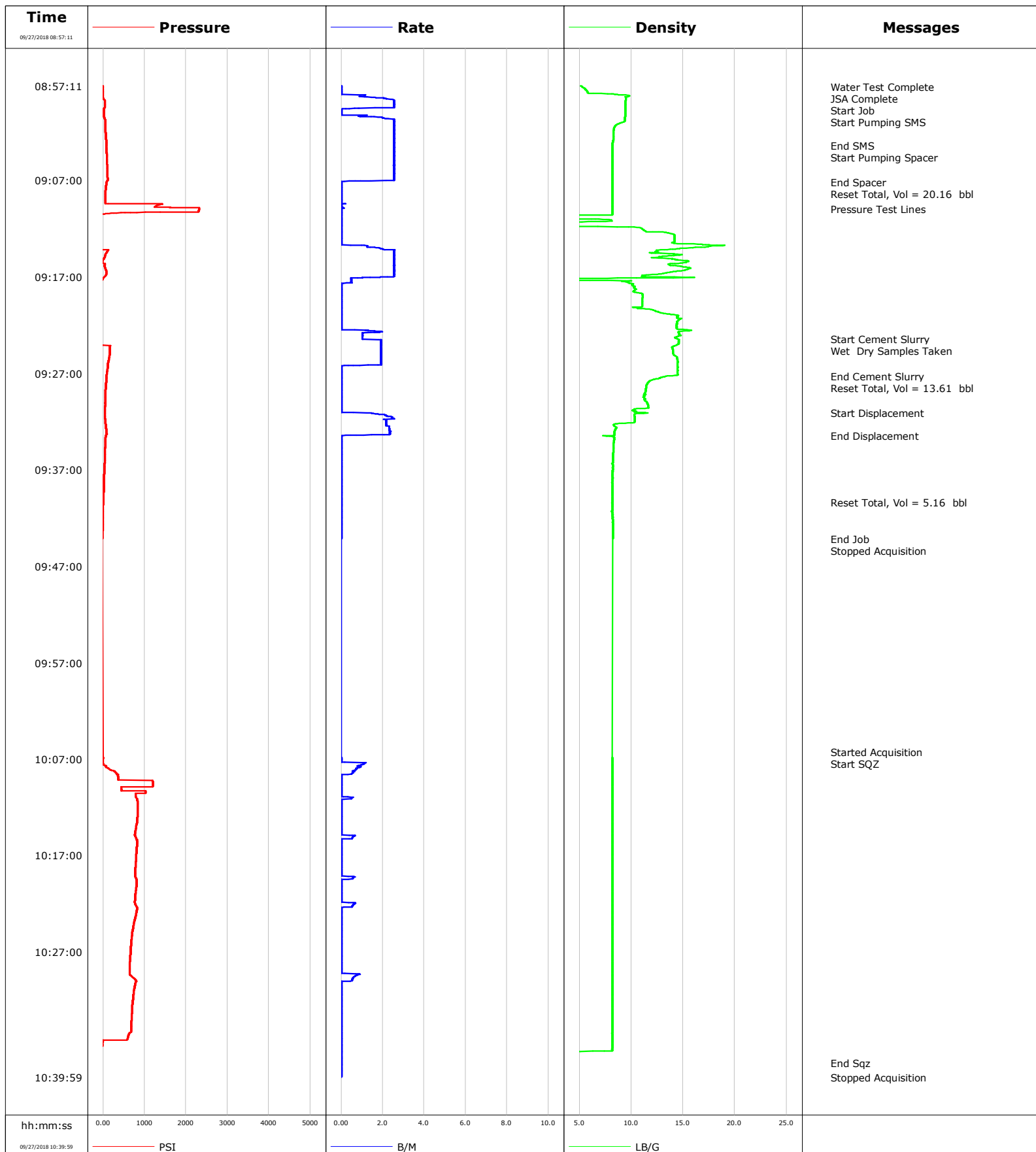
Well UPRR 38 PAO True 2	Field DJ	Job Start Sep/25/2018	Customer Anadarko	Job Number DXVN-01458
-----------------------------------	--------------------	---------------------------------	-----------------------------	---------------------------------

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.4	N2	Mud	Maximum Rate 3.7		Total Slurry 22.3	Mud 0.0	Spacer 30.0	N2		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 65043	Final 0	Average 212	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 22.3 bbl		Displacement 7.5 bbl		Mix Water Temp 68 degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative				Schlumberger Supervisor Matt Leiker				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

Well UPRR 38 PA 0 TRUE 2
Field DJ
Engineer Wayne Silvester
Country United States

Client ANADARKO
SIR No. DXVN-01480
Job Type FOX HILLS SQZ
Job Date 09-27-2018



Cementing Service Report

				Customer ANADARKO			Job Number DXVN-01480	
Well UPRR 38 PA 0 TRUE 2			Location (legal) 217304		Schlumberger Location Cheyenne		Job Start Sep/27/2018	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 1990.0 ft		Well TVD 1990.0 ft
County WELD		State/Province Colorado		BHP psi	BHST 90 degF	BHCT 80 degF	Pore Press. Gradient lb/gal	
Well Master		API/UWI 5123110550000						
Rig Name	Drilled For Oil & Gas	Service Via Land	Casing/ Liner					
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class Old	Well Type Other	1990.0	4.5	11.6	N/A	N/A	
			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
					1860.0	2.4	4.7	N/A
					0.0	0.0	0.0	
Service Line Cementing		Job Type FOX HILLS SQZ		Perforations/Open Hole				
				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
				ft	ft			ft
				ft	ft			Diameter
				ft	ft			in
Service Instructions Fox Hills Sqz = 50 sks 1.55 ft3/sk 7.914 gps = 13.6 bbls Est Toc = 1,467 ft SMS 10 bbls Spacer 10 bbls CMT 3.6 bbls @ 14.0 ppg Displace 5.2 bbls				Treat Down Tubing	Displacement 5.0 bbl	Packer Type	Packer Depth ft	
				Tubing Vol. 7.2 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 Hesitation	
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft			Tool Type CICR	
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth 1860.0 ft	
Cement Head Type				Stage Tool Depth ft			Tail Pipe Size in	
Job Scheduled For Sep/27/2018		Arrived on Location Sep/27/2018		Leave Location Sep/27/2018		Collar Type		
						Tail Pipe Depth 1861.0 ft		
						Collar Depth ft		
						Sqz. Total Vol. 2.8 bbl		
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume B/M	Pressure PSI	Message		
09/27/2018	08:57:11	0.0	5.13	0.0	-0	Started Acquisition		
09/27/2018	08:57:16	0.0	5.27	0.0	-0	Water Test Complete		
09/27/2018	08:57:17	0.0	5.30	0.0	-0	Start Job		
09/27/2018	08:57:19	0.0	5.27	0.0	-0	Start Pumping SMS		
09/27/2018	09:02:12	2.6	8.29	2.7	64			
09/27/2018	09:03:23	2.6	8.19	2.7	78	End SMS		
09/27/2018	09:03:25	2.6	8.19	2.7	82	Start Pumping Spacer		
09/27/2018	09:07:09	0.0	8.19	0.1	87	End Spacer		
09/27/2018	09:07:11	0.0	8.19	0.0	82	Reset Total, Vol = 20.16 bbl		
09/27/2018	09:07:13	0.0	8.19	0.0	82			
09/27/2018	09:09:56	0.0	8.19	0.0	2312	Pressure Test Lines		
09/27/2018	09:12:14	0.0	11.36	0.0	-357			
09/27/2018	09:17:15	0.5	1.28	11.1	-14			
09/27/2018	09:22:16	0.0	14.38	6.9	-151			
09/27/2018	09:23:24	1.1	14.41	1.1	-146	Start Cement Slurry		
09/27/2018	09:23:26	1.1	14.47	1.1	-146	Wet Dry Samples Taken		
09/27/2018	09:27:15	0.0	13.99	0.0	82	End Cement Slurry		
09/27/2018	09:27:17	0.0	13.50	0.0	82			
09/27/2018	09:27:24	0.0	13.00	0.0	78	Reset Total, Vol = 13.61 bbl		
09/27/2018	09:31:08	1.5	11.61	1.0	46	Start Displacement		
09/27/2018	09:32:18	2.2	8.38	2.3	64			

Well			Field		Job Start	Customer		Job Number
UPRR 38 PA 0 TRUE 2			DJ		Sep/27/2018	ANADARKO		DXVN-01480
Date	Time 24-hr clock	Flow Rate B/M	Density LB/G	Volume B/M	Pressure PSI	Message		
09/27/2018	09:37:19	0.0	8.20	0.0	27			
09/27/2018	09:40:21	0.0	8.20	0.0	5	Reset Total, Vol = 5.16 bbl		
09/27/2018	09:42:20	0.0	8.21	0.0	-9			
09/27/2018	09:44:09	0.0	8.21	0.0	-14	End Job		
09/27/2018	09:44:10	0.0	8.21	0.0	-14	Stopped Acquisition		
09/27/2018	10:06:51	0.0	8.20	0.0	0	Start SQZ		
09/27/2018	10:07:25	1.1	8.20	1.1	-5			
09/27/2018	10:12:26	0.0	8.20	0.0	828			
09/27/2018	10:17:27	0.0	8.19	0.0	791			
09/27/2018	10:22:28	0.0	8.19	0.0	818			
09/27/2018	10:27:29	0.0	8.19	0.0	654			
09/27/2018	10:32:30	0.0	8.19	0.0	704			
09/27/2018	10:37:31	0.0	0.04	0.0	-41			
09/27/2018	10:38:32	0.0	0.02	6.1	-64	End Sqz		

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 2.6	N2	Mud	Maximum Rate 3.2		Total Slurry 13.6	Mud 0.0	Spacer 20.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1198	Final -87	Average 725	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 13.6 bbl		Displacement 5.0 bbl	Mix Water Temp 70 degF	Cement Circulated to Surface? <input type="checkbox"/>	Volume bbl	
						Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative DALE			Schlumberger Supervisor Wayne Silvester			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>	
						-	-	

Well UPRR 38 PAO True 2
Field DJ
Engineer Matt Leiker
Country United States

Client Anadarko
SIR No. DXVN-01495
Job Type Sqz
Job Date 09-29-2018



Cementing Service Report

				Customer Anadarko			Job Number DXVN-01495										
Well UPRR 38 PAO True 2			Location (legal)			Schlumberger Location			Job Start Sep/29/2018								
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 05123110550000															
Rig Name Ranger Rig 4		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 Sqz				T		1680.0		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			
Service Instructions Rate and Density Checked Pump 5 bbl Water 25 sks @ 1.55 Y @ 6.9 bbl @ 14.0 ppg CICR @ 1680' Sqz 5 bbl Water						ft		ft						Diameter in			
						ft		ft									
						ft		ft									
		Treat Down Tubing		Displacement 0.0 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 Sep/29/2018		Arrived on Location Sep/29/2018		Leave Location Sep/29/2018		Collar Type			Tail Pipe Depth ft								
						Collar Depth ft			Sqz. Total Vol. bbl								
Date	Time 24-hr clock	CMT_ACQ_AUXILIARY_1 NULL		CMT_ACQ_AUXILIARY_2 NULL		CMT_ACQ_AUXILIARY_4 NULL		Message									
09/29/2018	12:43:20	0		0		0		Started Acquisition									
09/29/2018	12:43:21	0		0		0		Rig Up									
09/29/2018	12:43:22	0		0		0		Hold Safety Meeting									
09/29/2018	12:45:20	0		0		0											
09/29/2018	12:47:17	0		0		0		Start Pumping Wash									
09/29/2018	12:47:20	0		0		0											
09/29/2018	12:48:00	0		0		0		5 bbl Water									
09/29/2018	12:49:20	0		0		0											
09/29/2018	12:51:20	0		0		0											
09/29/2018	12:52:19	0		0		0		End Wash									
09/29/2018	12:53:20	0		0		0											
09/29/2018	12:53:43	0		0		0		Pressure Test Lines									
09/29/2018	12:53:44	0		0		0		Test to 2500 psi									
09/29/2018	12:55:20	0		0		0											
09/29/2018	12:57:11	0		0		0		Start Cement Slurry									
09/29/2018	12:57:20	0		0		0											
09/29/2018	12:58:00	0		0		0		Wet and Dry Samples									
09/29/2018	12:59:00	0		0		0		25 sks @ 1.55 Y									
09/29/2018	12:59:20	0		0		0											
09/29/2018	13:01:20	0		0		0											
09/29/2018	13:02:02	0		0		0		End Cement Slurry									

Well			Field		Job Start		Customer		Job Number	
UPRR 38 PAO True 2			DJ		Sep/29/2018		Anadarko		DXVN-01495	
Date	Time 24-hr clock	CMT_ACQ_AUXILIARY_1 NULL	CMT_ACQ_AUXILIARY_2 NULL	CMT_ACQ_AUXILIARY_4 NULL	Message					
09/29/2018	13:03:00	0	0	0	Sting in					
09/29/2018	13:03:20	0	0	0						
09/29/2018	13:05:20	0	0	0						
09/29/2018	13:07:20	0	0	0						
09/29/2018	13:09:20	0	0	0						
09/29/2018	13:11:20	0	0	0						
09/29/2018	13:13:20	0	0	0						
09/29/2018	13:15:20	0	0	0						
09/29/2018	13:17:20	0	0	0						
09/29/2018	13:19:20	0	0	0						

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 0.8	N2	Mud	Maximum Rate 2.5	Total Slurry 6.9	Mud 0.0	Spacer 5.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 2727	Final 0	Average 421	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 6.9 bbl	Displacement 0.0 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 Matt Leiker			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					

Service Order #: 85488

Date: 11-Feb-20

Well Name	Location	County	St	API#		
UPRRPANAMOTRUE #2		WELD	CO	05-123-11055		
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	CEMENT				

Customer: ANADARKO

Remarks: 15.8# G WITH ENHANCERS, 1.23Y, 5.219GAL/SK

100SK/22BBLS PERF@ 790' - ETOC @ 750'
PACKER@ 535'

Customer Rep: JORGE

PH:

WELBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	9.625	36.0		
Production Casing:	5.500	17.0		
Intermediate:				
Drill Pipe:				
Tubing:	2.375	4.7		

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:				

OTHER DATA		
BHT	Max PSI	Total Depth

Packer or RetainerType / Depth:

	535.0
--	-------

Perf Depths:	#	Total
	0	0
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gl)	(psi)	(bbls)	(bbls)	
9:38	0	0.0	8.12	11	0.0	0.2	START INJECTION
9:46	0	0.2	8.12	1,083	10.0	10.2	END INJECTION
9:51	0	0.0	15.51	560	0.0	10.2	START CEMENT
10:06	12	2.1	14.60	1,029	22.0	32.2	END CEMENT/ START DISPLACEMENT
10:10	0	2.0	14.03	1,060	0.0	40.1	ANNOTATION
10:15	0	1.8	9.98	989	8.0	48.0	END DISPLACEMENT

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.1	1.5	2,420	944

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory

☐ Unsatisfactory

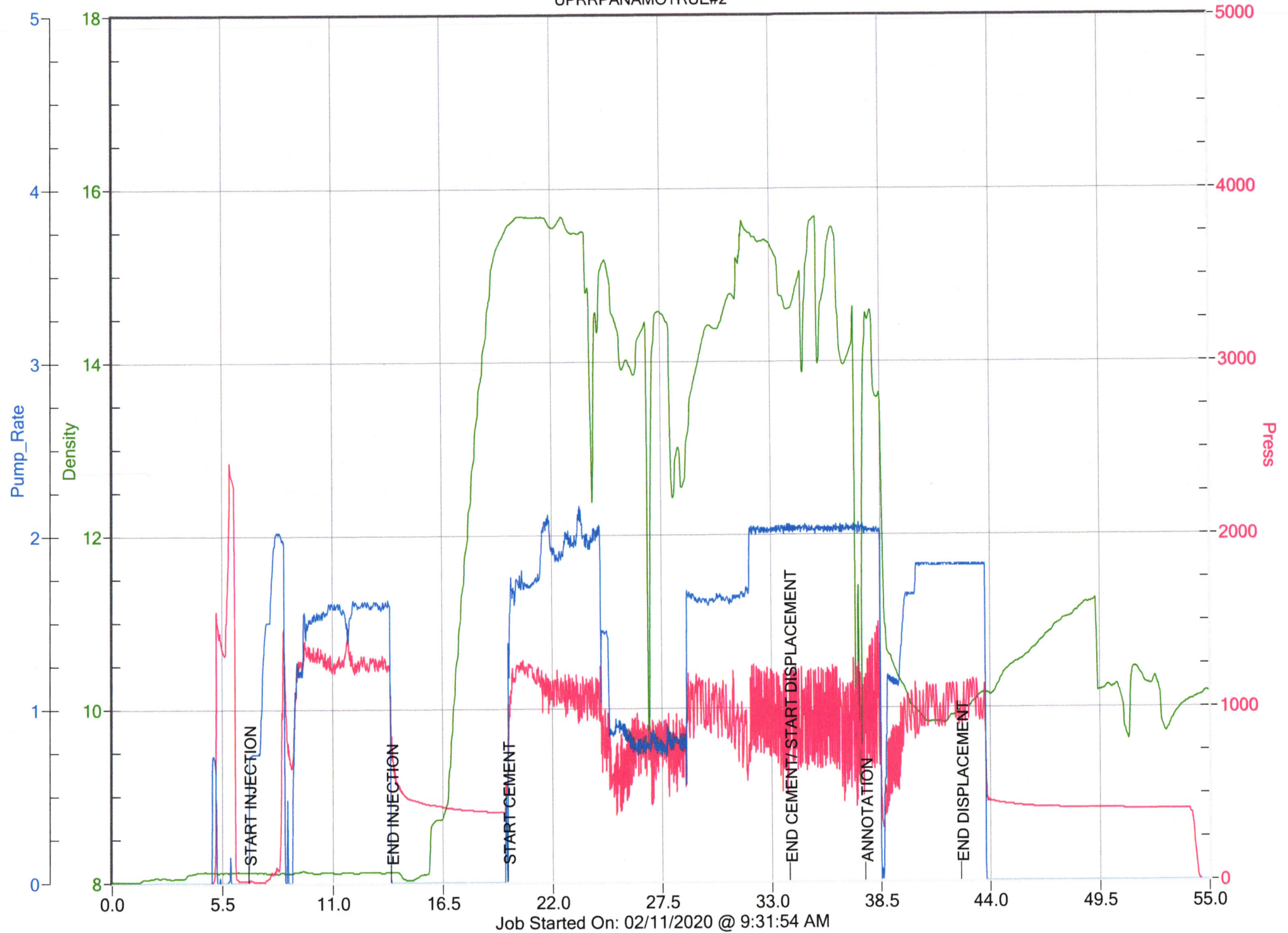
Cementer:

JEREMIE

PRODUCTS USED

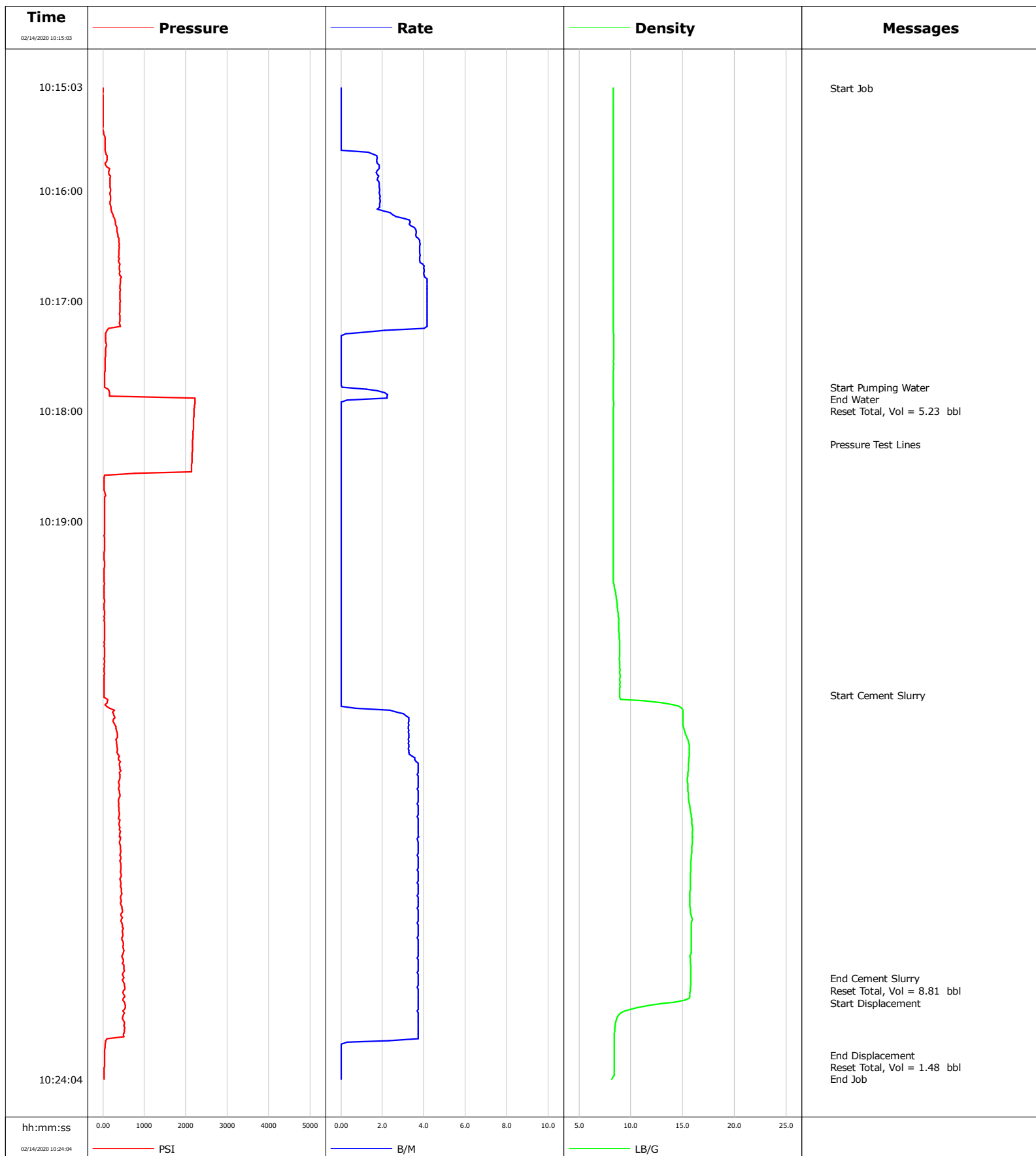
FLUID PROVIDED BY CUSTOMER
PH 8.6, TDS 345, TEMP 61F

ANADARKO
UPRRPANAMOTRUE#2



Well UPRR 38 PAN AM O TRUE 2
Field DJ
Engineer R Pippin
Country United States

Client Oxy
SIR No. EGTX-00456
Job Type Shoe Plug
Job Date 02-14-2020



Cementing Service Report

				Customer Oxy		Job Number EGTX-00456	
Well UPRR 38 PAN AM O TRUE 2		Location (legal)		Schlumberger Location Cheyenne		Job Start Feb/14/2020	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 785.0 ft	Well TVD 785.0 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	785.0	5.5	17.0	n80	8rd
			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
Service Line Cementing	Job Type Shoe Plug			T	785.0	2.4	4.7
					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
			ft	ft			
			Treat Down Tubing	Displacement 1.5 bbl	Packer Type	Packer Depth ft	
			Tubing Vol. 3.0 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 Feb/14/2020		Arrived on Location Feb/14/2020		Leave Location Feb/14/2020		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	
02/14/2020	10:15:03	0	0.0	8.32	0.0	Water Test Complete	
02/14/2020	10:15:04	0	0.0	8.32	0.0	Start Job	
02/14/2020	10:15:33	60	0.0	8.31	0.0		
02/14/2020	10:16:03	183	1.9	8.33	0.7		
02/14/2020	10:16:33	385	3.8	8.32	2.2		
02/14/2020	10:17:03	417	4.2	8.32	4.2		
02/14/2020	10:17:33	55	0.0	8.33	5.2		
02/14/2020	10:17:47	41	0.1	8.33	5.2	Start Pumping Water	
02/14/2020	10:17:50	160	2.1	8.33	5.2	Reset Total, Vol = 5.23 bbl	
02/14/2020	10:18:03	2193	0.0	8.33	5.4		
02/14/2020	10:18:18	2161	0.0	8.33	5.4	Pressure Test Lines	
02/14/2020	10:18:33	2142	0.0	8.30	5.4		
02/14/2020	10:19:03	41	0.0	8.31	5.4		
02/14/2020	10:19:33	32	0.0	8.32	5.4		
02/14/2020	10:20:03	37	0.0	8.88	5.4		
02/14/2020	10:20:33	32	0.0	8.94	5.4		
02/14/2020	10:20:35	32	0.0	8.94	5.4	Start Cement Slurry	
02/14/2020	10:21:03	339	3.3	15.65	6.5		
02/14/2020	10:21:33	380	3.7	15.62	8.3		
02/14/2020	10:22:03	439	3.7	15.84	10.1		
02/14/2020	10:22:33	467	3.7	15.75	12.0		

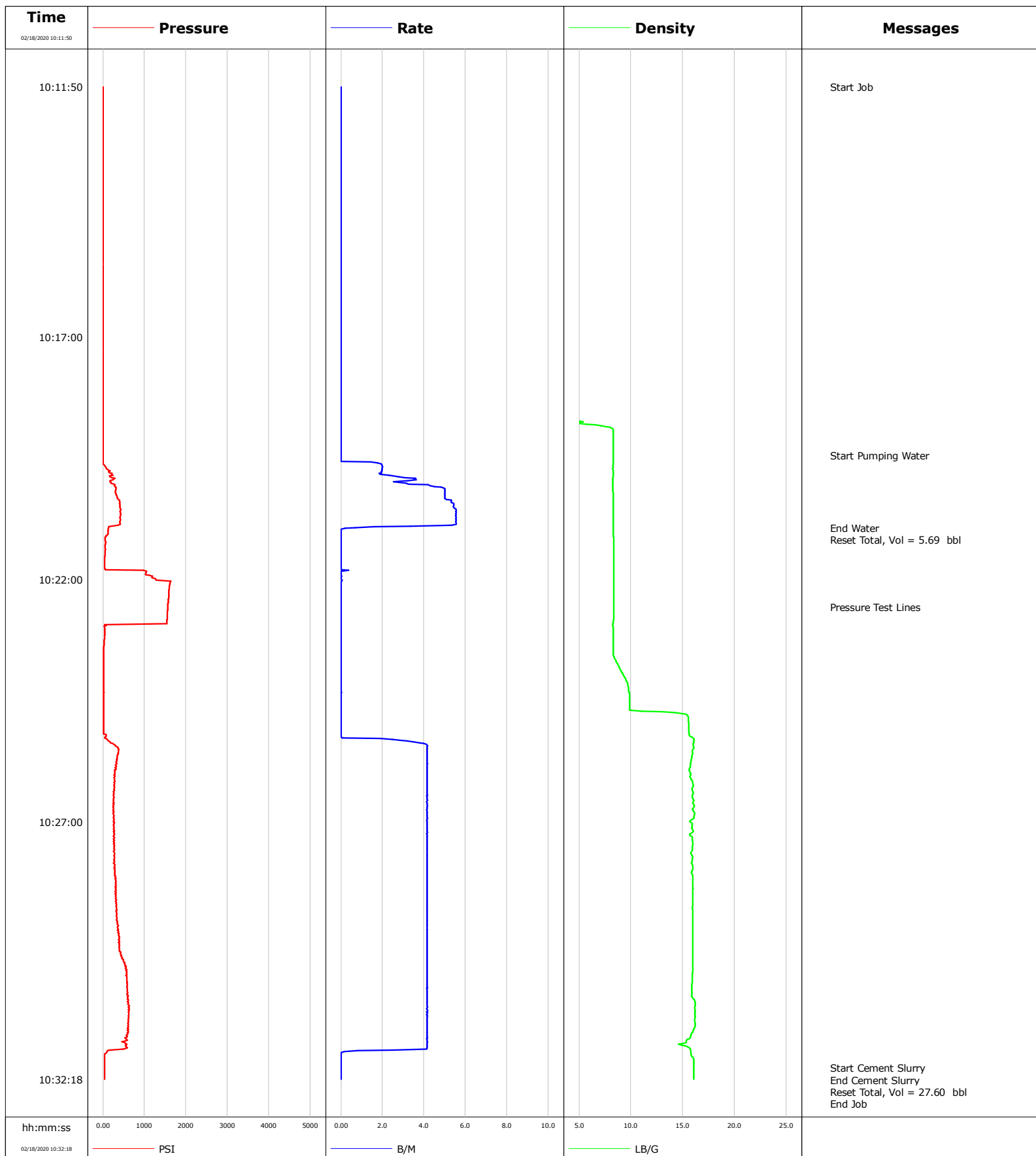
Well			Field		Job Start		Customer		Job Number	
UPRR 38 PAN AM O TRUE 2			DJ		Feb/14/2020		Oxy		EGTX-00456	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
02/14/2020	10:23:09	504	3.7	15.78	14.2	End Cement Slurry				
02/14/2020	10:23:16	494	3.7	15.72	14.6	Reset Total, Vol = 8.81 bbl				
02/14/2020	10:23:19	531	3.7	15.68	14.8	Start Displacement				
02/14/2020	10:23:33	513	3.7	8.55	15.7					
02/14/2020	10:23:51	46	0.0	8.39	16.3	End Displacement				
02/14/2020	10:23:54	41	0.0	8.39	16.3	Reset Total, Vol = 1.48 bbl				
02/14/2020	10:23:57	37	0.0	8.39	16.3	End Job				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl							
Slurry 3.4	N2	Mud	Maximum Rate 4.2	Total Slurry 8.7	Mud 0.0	Spacer 5.0	N2					
Treating Pressure Summary, psi					Breakdown Fluid							
Maximum 2225	Final 27	Average 398	Bump Plug to	Breakdown	Type	Volume bbl	Density lb/gal					
Avg. N2 Percent %	Designed Slurry Volume 8.7 bbl	Displacement 1.5 bbl	Mix Water Temp 68 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl						
				Washed Thru Perfs <input type="checkbox"/>		To ft						
Customer or Authorized Representative Jorge Montelongo			Schlumberger Supervisor R Pippin			Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>					
						-	-					

Well UPRR 38 PAN AM O True 2
Field DJ
Engineer R Pippin
Country United States

Client OXY
SIR No. EGTX-00457
Job Type Surface Plug
Job Date 02-18-2020



				Customer OXY		Job Number EGTX-00457	
Well UPRR 38 PAN AM O True 2		Location (legal)		Schlumberger Location Cheyenne		Job Start Feb/18/2020	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 250.0 ft	Well TVD 250.0 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	250.0	9.6	36.0	J55	8RD
			250.0	5.5	17.0	N80	8RD
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 Surface 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	Total Interval ft
			ft	ft			
			ft	ft			Diameter in
			ft	ft			
			Treat Down Casing	Displacement 0.0 bbl	Packer Type	Packer Depth ft	
			Tubing Vol. 5.8 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 Feb/18/2020		Arrived on Location Feb/18/2020	Leave Location Feb/18/2020	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	
02/18/2020	10:11:50	0	0.0	0.11	0.0	JSA Complete	
02/18/2020	10:11:51	0	0.0	0.11	0.0	Start Job	
02/18/2020	10:12:20	0	0.0	0.11	0.0		
02/18/2020	10:12:50	0	0.0	0.11	0.0		
02/18/2020	10:13:20	0	0.0	0.11	0.0		
02/18/2020	10:13:50	0	0.0	0.11	0.0		
02/18/2020	10:14:20	0	0.0	0.11	0.0		
02/18/2020	10:14:50	0	0.0	0.11	0.0		
02/18/2020	10:15:20	0	0.0	0.11	0.0		
02/18/2020	10:15:50	0	0.0	0.11	0.0		
02/18/2020	10:16:20	0	0.0	0.11	0.0		
02/18/2020	10:16:50	0	0.0	0.11	0.0		
02/18/2020	10:17:20	0	0.0	0.11	0.0		
02/18/2020	10:17:50	0	0.0	0.11	0.0		
02/18/2020	10:18:20	0	0.0	0.11	0.0		
02/18/2020	10:18:50	0	0.0	7.15	0.0		
02/18/2020	10:19:20	0	0.0	8.31	0.0		
02/18/2020	10:19:27	0	0.0	8.31	0.0	Start Pumping Water	
02/18/2020	10:19:50	211	1.9	8.31	0.5		
02/18/2020	10:20:20	357	5.0	8.29	2.5		
02/18/2020	10:20:50	412	5.6	8.31	5.3		

Well			Field		Job Start	Customer	Job Number
UPRR 38 PAN AM O True 2			DJ		Feb/18/2020	OXY	EGTX-00457
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message	
02/18/2020	10:21:01	124	0.0	8.31	5.7	Reset Total, Vol = 5.69 bbl	
02/18/2020	10:21:20	60	0.0	8.35	5.7		
02/18/2020	10:21:50	1057	0.0	8.35	5.7		
02/18/2020	10:22:20	1584	0.0	8.35	5.7		
02/18/2020	10:22:34	1566	0.0	8.35	5.7	Pressure Test Lines	
02/18/2020	10:22:50	1547	0.0	8.34	5.7		
02/18/2020	10:23:20	27	0.0	8.31	5.7		
02/18/2020	10:23:50	18	0.0	8.94	5.7		
02/18/2020	10:24:20	18	0.0	9.81	5.7		
02/18/2020	10:24:20	18	0.0	9.84	5.7		
02/18/2020	10:24:50	18	0.0	15.52	5.7		
02/18/2020	10:25:20	142	3.2	16.09	5.8		
02/18/2020	10:25:50	302	4.2	15.73	7.9		
02/18/2020	10:26:20	270	4.2	15.92	10.0		
02/18/2020	10:26:50	261	4.2	16.16	12.1		
02/18/2020	10:27:20	275	4.2	15.95	14.1		
02/18/2020	10:27:50	284	4.2	15.87	16.2		
02/18/2020	10:28:20	298	4.2	16.00	18.3		
02/18/2020	10:28:50	320	4.2	15.97	20.4		
02/18/2020	10:29:20	371	4.2	15.99	22.4		
02/18/2020	10:29:50	490	4.2	15.97	24.5		
02/18/2020	10:30:20	586	4.2	15.90	26.6		
02/18/2020	10:30:50	632	4.2	16.16	28.7		
02/18/2020	10:31:20	609	4.2	15.97	30.7		
02/18/2020	10:31:50	41	0.0	15.88	32.3		
02/18/2020	10:32:04	37	0.0	16.07	32.3	Start Cement Slurry	
02/18/2020	10:32:10	37	0.0	16.07	32.3	Reset Total, Vol = 27.60 bbl	

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.1	N2	Mud	Maximum Rate 5.6		Total Slurry 28.0	Mud 0.0	Spacer 5.0	N2
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 1634	Final 37	Average 369	Bump Plug to	Breakdown	Type	Volume bbl		Density lb/gal
Avg. N2 Percent %		Designed Slurry Volume 28.0 bbl		Displacement 0.0 bbl	Mix Water Temp 72 degF	Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
						Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Jorge Montelongo			Schlumberger Supervisor R Pippin			Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
						-		-