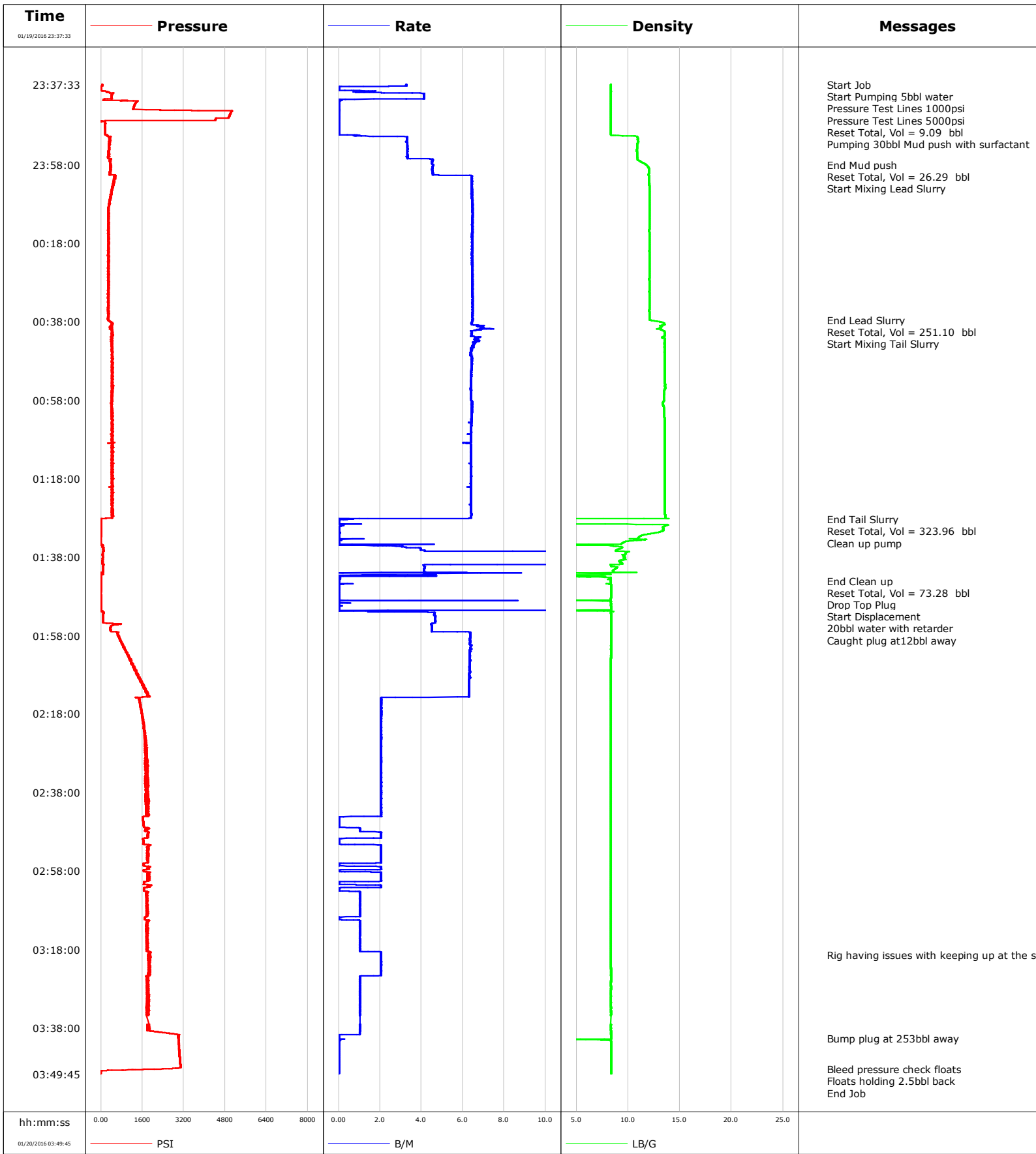


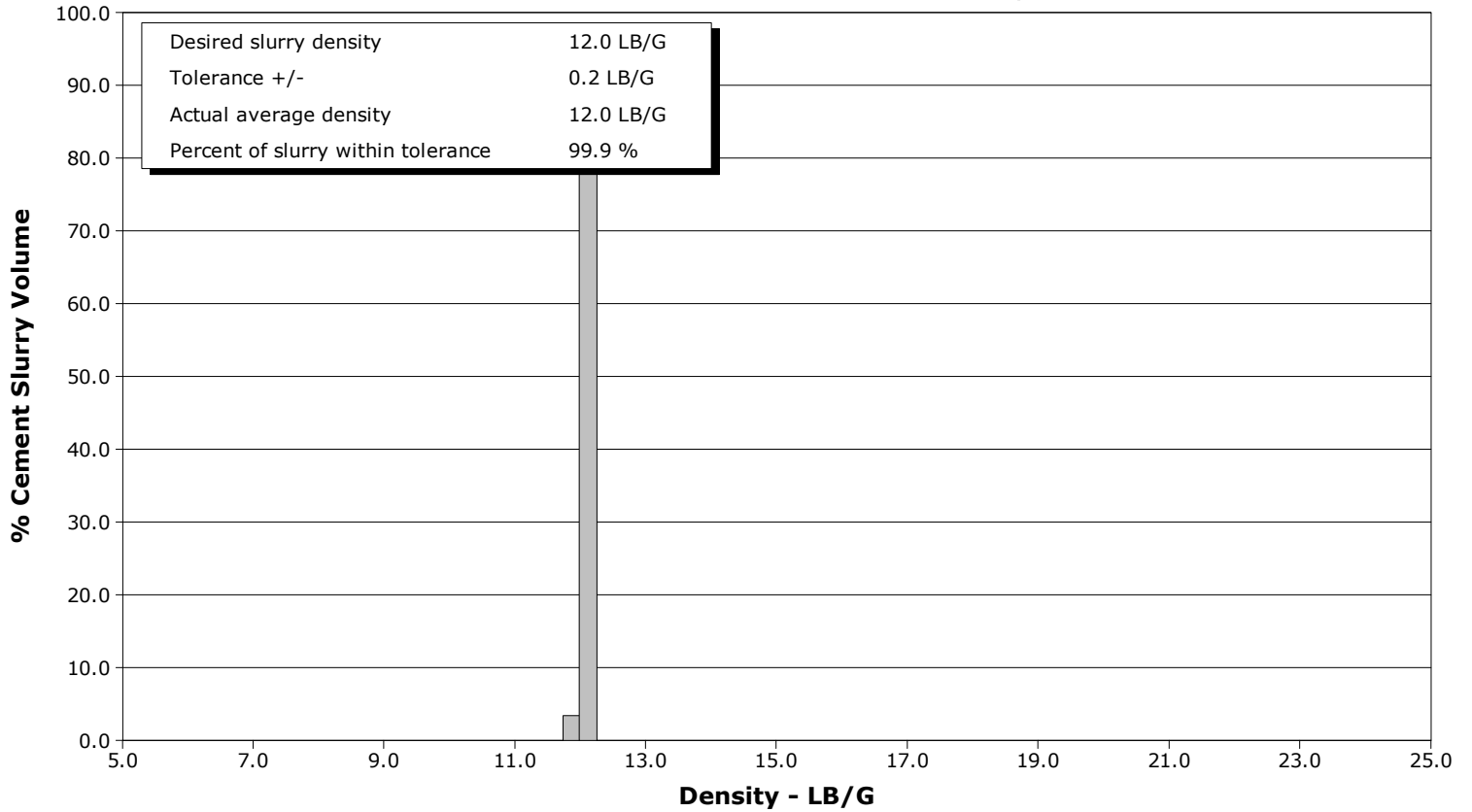
Well	Pronghorn	Client	Bonanza Creek
Field	DJ	SIR No.	CWJN-01628
Engineer	Chris Valerio/Taylor Baird	Job Type	Production
Country	United States	Job Date	01-19-2016



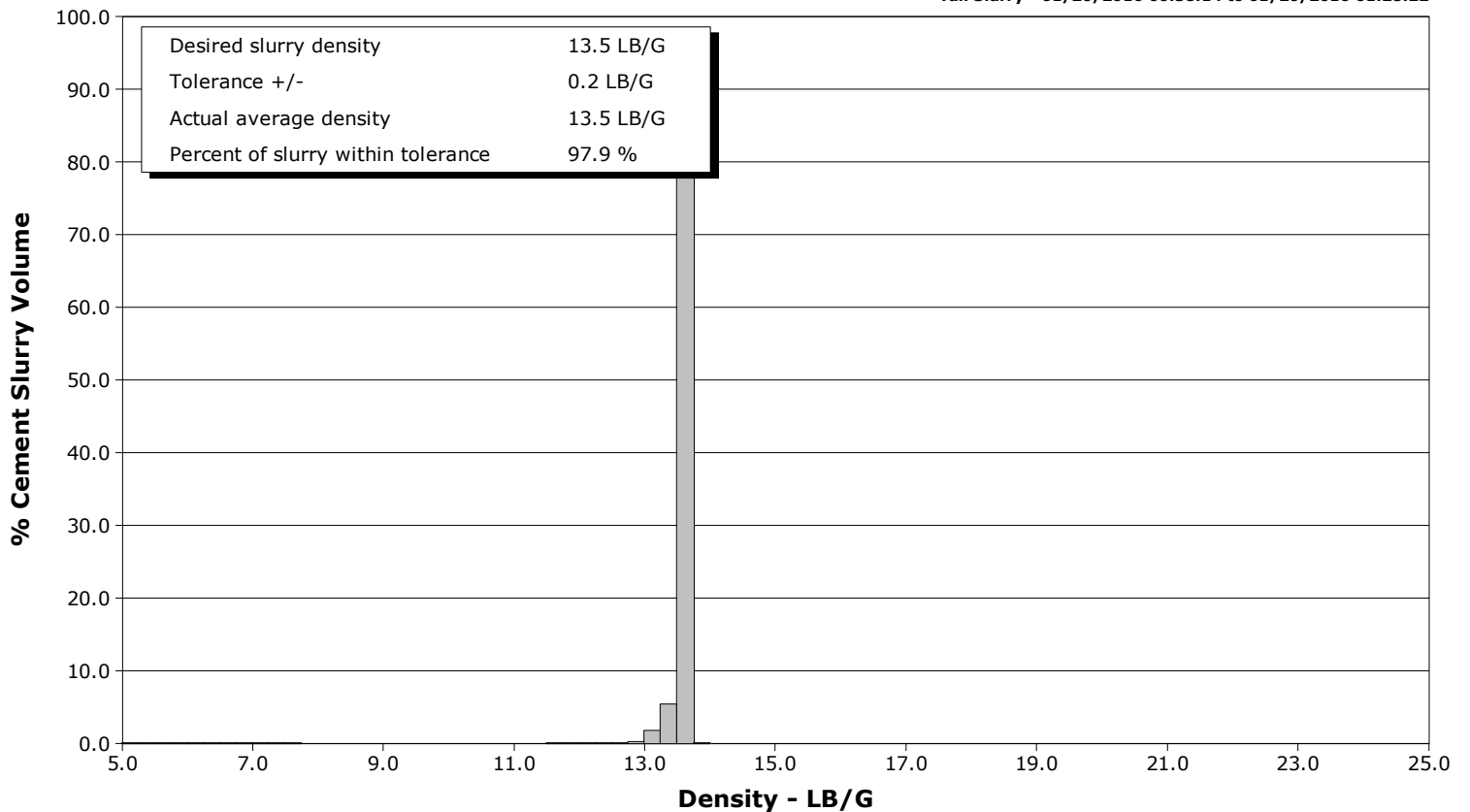
Well Pronghorn
Field DJ
Engineer Chris Valerio/Taylor Baird
Country United States

Client Bonanza Creek
SIR No. CWJN-01628
Job Type Production
Job Date 01-19-2016

Lead Slurry - 01/19/2016 23:58:13 to 01/20/2016 00:37:42



Tail Slurry - 01/20/2016 00:38:14 to 01/20/2016 01:28:22



				Customer			Job Number		
				Bonanza Creek			CWJN-01628		
Well		Location (legal)			Schlumberger Location			Job Start	
Pronghorn A-E-22HNB								Jan/19/2016	
Field		Formation Name/Type		Deviation	Bit Size		Well MD	Well TVD	
DJ		Shale		90 deg	8.8 in		10969.0 ft	6097.0 ft	
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	220 degF	212 degF	lb/gal		
Well Master		API/UWI							
0631660743		05123422040000							
Rig Name	Drilled For		Service Via	Casing/Liner					
Xtreme #22	Oil		Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class		Well Type	1753.0	9.6	36.0	J55	8RD	
	New		Development	10969.0	5.5	17.0	P110	8RD	
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
Oil Mud		10.00 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					
4500 psi	psi		Single Cement head	Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval	
Service Instructions	5bbl Water	30bbl Mud push @ 11# with surfactant	253bbl 795sks Lead CMT @ 12# 1.79 Yield 10 gal/sk water	ft	ft			ft	
312bbl 1035sks Tail CMT @ 13.5# 1.69 Yield 8.14 gal/sk water	ft	ft						Diameter	
	ft	ft						in	
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		253.3 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		254.4 bbl		498.6 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		psi		Shoe Type		Float		Squeeze Type	
Pipe Rotated		Pipe Reciprocated		Shoe Depth		10969.0 ft		Tool Type	
<input type="checkbox"/>		<input type="checkbox"/>							
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type			Tool Depth		
		1					ft		
Cement Head Type		Single		Stage Tool Depth			ft		
							in		
Job Scheduled For		Arrived on Location		Leave Location		Collar Type		Tail Pipe Depth	
Jan/19/2016 20:00		Jan/19/2016 20:00		Jan/20/2016 05:00		Float		ft	
						Collar Depth		10922.0 ft	
								Sqz. Total Vol.	
								bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
01/19/2016	23:37:33	47	3.3	8.35	96.3	Started Acquisition			
01/19/2016	23:37:35	47	3.3	8.35	96.4	Start Job			
01/19/2016	23:38:21	13	0.0	8.35	98.1	Start Pumping 5bbl water			
01/19/2016	23:42:33	1315	0.0	8.34	7.3				
01/19/2016	23:42:40	1308	0.0	8.35	7.3	Pressure Test Lines 1000psi			
01/19/2016	23:44:30	5043	0.0	8.35	7.3	Pressure Test Lines 5000psi			
01/19/2016	23:47:33	175	0.0	8.34	7.3				
01/19/2016	23:48:16	154	0.0	8.35	7.3	Reset Total, Vol = 9.09 bbl			
01/19/2016	23:50:20	169	0.0	8.34	7.3	Pumping 30bbl Mud push with surfactant			
01/19/2016	23:52:33	336	3.3	10.92	13.3				
01/19/2016	23:57:33	357	4.5	11.40	31.1				
01/19/2016	23:57:58	356	4.6	11.69	33.0	End Mud push			
01/19/2016	23:58:05	353	4.6	11.75	33.5	Reset Total, Vol = 26.29 bbl			
01/19/2016	23:58:13	389	4.6	11.81	34.1	Start Mixing Lead Slurry			
01/20/2016	00:02:33	477	6.4	12.03	57.2				
01/20/2016	00:07:33	321	6.5	12.07	89.4				
01/20/2016	00:12:33	300	6.5	12.05	121.7				
01/20/2016	00:17:33	288	6.5	12.04	154.0				
01/20/2016	00:22:33	308	6.4	12.04	186.2				
01/20/2016	00:27:33	289	6.5	12.04	218.5				
01/20/2016	00:32:33	290	6.5	12.04	250.8				

Well			Field		Job Start	Customer		Job Number
Pronghorn A-E-22HNB			DJ		Jan/19/2016	Bonanza Creek		CWJN-01628
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message		
01/20/2016	00:37:42	288	6.5	12.21	284.1	End Lead Slurry		
01/20/2016	00:37:47	286	6.5	12.41	284.6	Reset Total, Vol = 251.10 bbl		
01/20/2016	00:38:14	405	6.4	13.30	287.5	Start Mixing Tail Slurry		
01/20/2016	00:42:33	373	6.6	13.54	316.0			
01/20/2016	00:47:33	441	6.4	13.53	348.4			
01/20/2016	00:52:33	423	6.4	13.53	380.5			
01/20/2016	00:57:33	419	6.4	13.46	412.5			
01/20/2016	01:02:33	424	6.4	13.52	444.6			
01/20/2016	01:07:33	449	6.4	13.55	476.5			
01/20/2016	01:12:33	457	6.4	13.55	508.5			
01/20/2016	01:17:33	405	6.4	13.56	540.4			
01/20/2016	01:22:33	472	6.4	13.55	572.4			
01/20/2016	01:27:33	447	6.4	13.58	604.3			
01/20/2016	01:28:22	3	0.6	0.83	608.5	End Tail Slurry		
01/20/2016	01:28:25	3	0.5	0.53	608.6	Reset Total, Vol = 323.96 bbl		
01/20/2016	01:28:36	2	0.0	0.38	608.6	Clean up pump		
01/20/2016	01:32:33	1	0.0	11.30	608.7			
01/20/2016	01:37:33	57	16.7	9.66	631.2			
01/20/2016	01:42:33	42	4.1	4.79	681.0			
01/20/2016	01:44:04	1	0.0	8.28	681.8	End Clean up		
01/20/2016	01:44:06	1	0.0	8.30	681.8	Reset Total, Vol = 73.28 bbl		
01/20/2016	01:44:09	1	0.0	8.35	681.8	Drop Top Plug		
01/20/2016	01:44:10	1	0.0	8.35	681.8	Start Displacement		
01/20/2016	01:47:33	-1	0.0	8.35	681.9			
01/20/2016	01:52:33	91	4.6	8.36	685.8			
01/20/2016	01:54:11	82	4.7	8.37	693.4	20bbl water with retarder		
01/20/2016	01:55:16	605	4.5	8.38	698.4	Caught plug at 12bbl away		
01/20/2016	01:57:33	641	6.4	8.36	709.5			
01/20/2016	02:02:33	999	6.3	8.35	741.3			
01/20/2016	02:07:33	1375	6.3	8.35	773.0			
01/20/2016	02:12:33	1735	6.3	8.34	804.5			
01/20/2016	02:17:33	1586	2.0	8.34	819.9			
01/20/2016	02:22:33	1687	2.0	8.34	830.1			
01/20/2016	02:27:33	1731	2.0	8.34	840.4			
01/20/2016	02:32:33	1801	2.0	8.34	850.6			
01/20/2016	02:37:33	1813	2.1	8.34	860.9			
01/20/2016	02:42:33	1742	2.0	8.34	871.1			
01/20/2016	02:47:33	1746	1.0	8.34	875.0			
01/20/2016	02:52:33	1794	2.0	8.34	881.4			
01/20/2016	02:57:33	1803	2.0	8.34	890.1			
01/20/2016	03:02:33	1657	0.0	8.34	896.9			
01/20/2016	03:07:33	1795	1.0	8.34	901.3			
01/20/2016	03:12:33	1819	1.0	8.34	905.6			
01/20/2016	03:17:33	1786	1.0	8.34	910.8			
01/20/2016	03:19:20	1862	2.0	8.34	913.3	Rig having issues with keeping up at the shakers		
01/20/2016	03:22:33	1870	2.0	8.35	919.9			
01/20/2016	03:27:33	1773	1.0	8.35	927.3			
01/20/2016	03:32:33	1824	1.0	8.35	932.4			
01/20/2016	03:37:33	1854	1.0	8.35	937.5			
01/20/2016	03:40:47	2987	0.0	8.35	939.8	Bump plug at 253bbl away		
01/20/2016	03:42:33	3007	0.0	8.35	939.8			
01/20/2016	03:47:33	3066	0.0	8.35	939.8			
01/20/2016	03:48:32	2053	0.0	8.35	939.8	Bleed pressure check floats		
01/20/2016	03:49:29	-2	0.0	8.35	939.8	Floats holding 2.5bbl back		

Well Pronghorn A-E-22HNB	Field DJ	Job Start Jan/19/2016	Customer Bonanza Creek	Job Number CWJN-01628
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry 4.2	N2	Mud	Maximum Rate 7.0	Total Slurry 565.0	Mud 0.0	Spacer 30.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum 3078	Final -1	Average 1024	Bump Plug to 2987	Breakdown	Type	Volume bbl	Density lb/gal	
Avg. N2 Percent %	Designed Slurry Volume 565.0 bbl	Displacement 253.0 bbl	Mix Water Temp 81 degF	Cement Circulated to Surface? <input checked="" type="checkbox"/>	Volume 80.0 bbl	Washed Thru Perfs <input type="checkbox"/>	To ft	
Customer or Authorized Representative Mike Perez			Schlumberger Supervisor Chris Valerio/Taylor Baird		Circulation Lost <input type="checkbox"/>	Job Completed <input checked="" type="checkbox"/>		
					-	-		