BASIC ENERGY SERVICES

PRESSURE PUMPING

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

Job Log

Customer:	~~Waluco~~ Resources LLC (Waluco)	Cement Pump No.:	38750-19842	Operator TRK No.:	96815		
Address:	146 Capulin Place	Ticket #:	1718-19726 L	Bulk TRK No.:	19827-37725		
City, State, Zip:	Castle Rock C0. 80108	Job Type:	Z-42 Cement Surface Casing				
Service District:		Well Type:	OIL				
Well Name and No.:	Millican # 1-7	Well Location:	7-32S-47W	County:	Baca	State:	Colorado

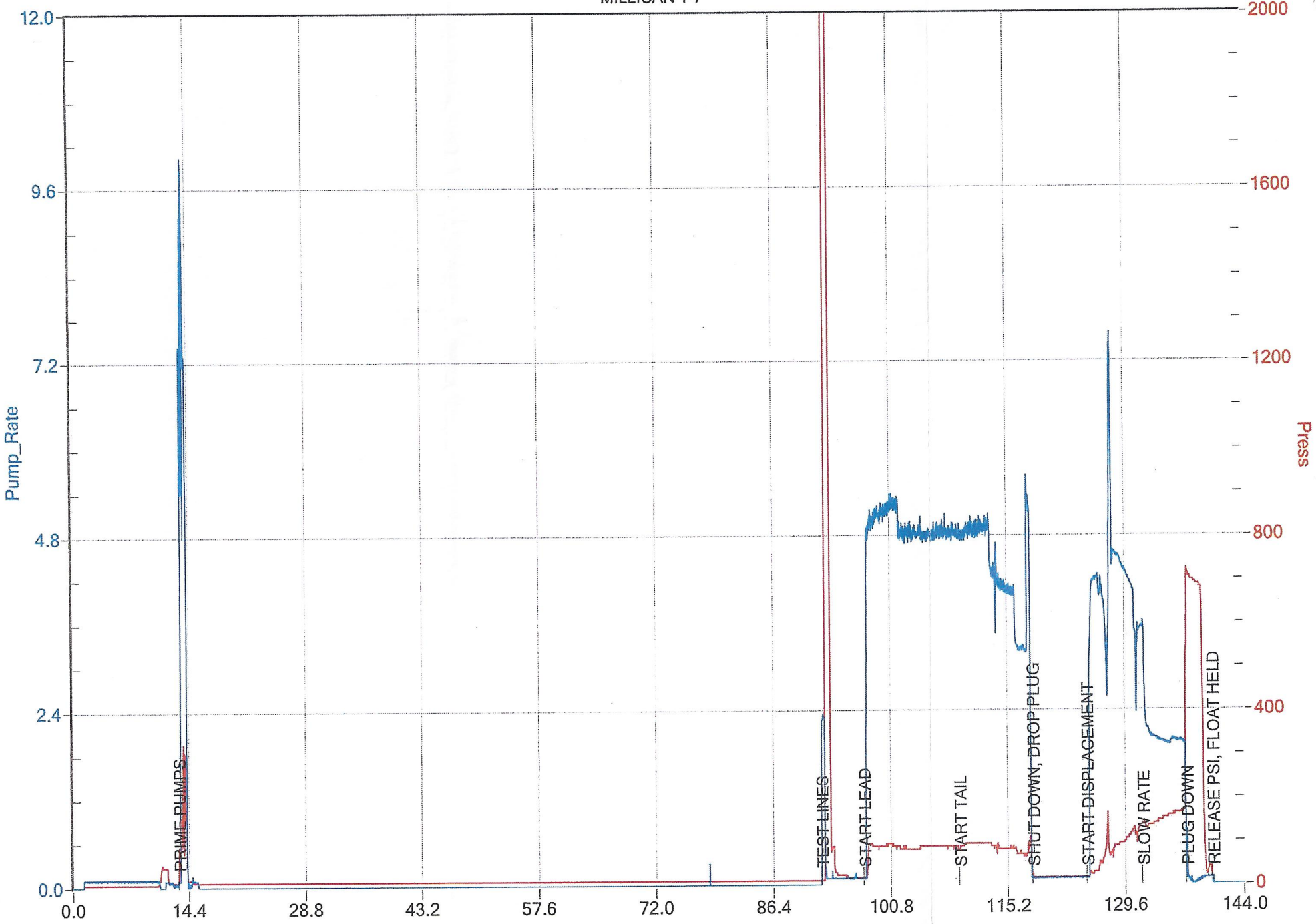
Type of Cmt	Sacks	Additives	Truck Loaded On		
A SERV LITE	160	3%CaCl, 1/4#POLYFLAKE	19827-37725	Front	Back
PREMIUM PLUS	150	2%CaCl, 1/4# POLYFLAKE		Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	12.4	2.03	11.14	324.8	Man Hours:	
Tail:	14.8	1.34	6.33	201	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps T	Pumps C	Pressure(PSI) Tubing	Pressure(PSI) Casing	Description of Operation and Materials
19:30							ON LOC, SAFTEY MTG, R.U. 8/24/19
17:00							SAFTEY MTG, W/ RIG CREW 8/25/19
5:20 PM						1800	TEST LINES
5:23 PM	5					180	START LEAD @ 12.4#
5:35 PM	5	58				270	ON TAIL @ 14.8#
17:45		36					SHUT DOWN, DROP PLUG
17:47	3					30	START DISPLACEMENT, WASHUP ON PLUG
5:52 PM	5	12				150	INCREASE RATE
17:55	2	22				120	SLOW RATE
18:00		32.5				210-890	PLUG DOWN
18:02							RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Size Hole	12 1/4	Depth	578'			TYPE		
Size & Wt. Csg.	8 5/8 24#	Depth	547.88	New / Used		Packer		Depth
Shoe Jt	41.86'	Depth				Retainer		Depth
Top Plugs		Type				Perfs		CIBP

Customer Signature: Jim Weir	Basic Representative:	CHAD HINZ	
	Basic Signature:		
	Date of Service:	8/25/2019	

WAULCO RESOURCES

MILLICAN 1-7