



PRESSURE PUMPING

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

Job Log

Customer:	Huntington Energy	Cement Pump No.:	38117, 19919 2Hrs.	Operator TRK No.:	96816
Address:		Ticket #:	1718 17224 L	Bulk TRK No.:	27808, 19883 Marc
City, State, Zip:		Job Type:	Z-41 Production Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Mary Nation #3	Well Location:	34,30,33	County:	Haskell
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
Premium Plus Cement	250	2% Calcium Chloride	27808, 19883 Marc	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.34	6.34	335	TT Man Hours:	12.5
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
14:15							ON LOCATION
14:20							SAFETY MEETING
2:36 PM							RIG UP
2:37 PM							PRESSURE TEST TO 2000PSI
2:42 PM	2.8	5			50		CIRCULATE HOLE / LOADED W/ 5BBL
	2.8	5			50		BALL WENT @ 520PSI / CIRCULATE @ 11.5BBL
2:49 PM	2.8	59.6 slurry			50		PUMP 250SX TAIL @ 14.8#
15:11							SHUTDOWN / DROP PLUG / WP
15:17	3	10			60		DISPLACE
	2.7	20			300		CEMENT TO SURFACE 28BBL IN
15:35	2	30			600		SLOW RATE TO 1.5BPM @ 520PSI
15:37	1.6	35.1			600		LAND PLUG / PRESSURE UP TO 840PSI
							RELEASE BACK --- FLOAT HELD
							JOB COMPLETE

Size Hole	8 5/8" 24#	Depth			TYPE	Swage	
Size & Wt. Csg.	5 1/2" 15.5#	Depth	1478'	New / Used	Packer	Depth	
tbg.		Depth			Retainer	Depth	
Top Plugs		Type			Perfs	CIBP	

Customer Signature: <i>[Signature]</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>[Signature]</i>
	Date of Service:	2/12/2019