





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

**PRESSURE PUMPING** Job Log

Customer:	Merit Energy	Cement Pump No.:	37223 19572 14HRS	Operator TRK No.:	86531	
Address:	gardencity.invoices@meritenergy.com	Ticket #:	1718 19776 L	Bulk TRK No.:	27808 19578 Kirby	30464 37547 Corey
City, State, Zip:	PO Box 250 Holcomb Ks 67861	Job Type:	Z-42 Cement Surface Casing			
Service District:	1718-Liberal KS	Well Type:	OIL			
Well Name and No.:	Molz # 1-12 AFE 64513	Well Location:	26-23S-35W	County:	Kearny	State: Kansas

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-Con Cement	515	3% Calcium Chloride, 1/2# Celloflake, 1# Gilsonite	27808 19578 Kirby	Front	Back
Class C Cement	165	2% Calcium Chloride, 1/4# Celloflake	30464 37547 Corey	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	12.1	2.41	13.9	1241.15	TT Man Hours:	48
<b>Tail:</b>	14.8	1.34	6.33	221.1	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
15:00pm							Arrived at location
15:30pm							Spot trucks/Rig up
17:30pm							Safety meeting
17:58pm						1500	Pressure test lines to 1500psi
18:01pm	3	10				300	Pump 10bbls of fresh water spacer
18:03pm	6	221				350	Pump 221bbls of lead from 515sks at 12.1lbs
18:51pm	6	39				100	Pump 39bbls of tail from 165sks at 14.8lbs
19:07pm							Shut down/Drop plug/Wash pump and lines
19:09pm							Start displacement of 112bbls with fresh water
19:15pm	5	20				100	20bbls gone
19:19pm	5	40				220	40bbls gone
19:24pm	5	60				320	60bbls gone
19:28pm	5	80				500	80bbls gone
19:32pm	5	100				700	100bbls gone/Slow down rate
19:36pm	3	112				1200	Bump plug/Hold for 2 minutes
19:38pm							Release pressure to check if float holds
							Got 40 bbls of cement to Surface
							Rig down
							Job completed
							Thanked company man and rig crew

Size Hole	12 1/4	Depth	1817		TYPE	Float Collar	
Size & Wt. Csg.	8 5/8 24#	Depth	1807	New / Used	Float Collar	1765.35	Depth
Landing Psi	500+	Depth			Retainer		Depth
Shoe Joint	41.65	Type			Perfs		CIBP

Customer Signature:	Basic Representative:	Victor A. Corona
	Basic Signature:	<i>Victor A. Corona</i>
	Date of Service:	10/8/2019

# Merit Energy 8 5/8 Surface/Molz 1-26 10/8/2019



# Pumping Order / Mixture

Client: Merit Energy  
Date: 10/8/2019  
Job: 8 5/8 Surface

Well Name & No: Molz 1-26  
Location Supervisor: Victor A. Corona  
COMPANY REP. Rodney Gonzales

Differential Pressure 1477 psi  
Lift Pressure: 500 psi

## Recipe

---

Pressure Test PSI: 1500

MAX PSI: 500

<b>10</b> BBLS OF FRESH WATER SPACER		
<b>221</b> BBLS LEAD SLURRY YIELD 2.41	12.1LBS	515SKS 13.9G/SK
<b>39</b> BBLS TAIL SLURRY YIELD 1.34	14.8LBS	165SKS 6.33G/SK

**DROP PLUG/WASH PUMP ON TOP OF PLUG**

**112.0** BBLS OF DISPLACEMENT  
**100.0** BBLS @ 5 BPM  
**12.0** BBLS AT 2-3 BPM TO BUMP PLUG

**DISP PLUG WITH 112 BBLS OF H2O**

