





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 24HRS	Operator TRK No.:	78868
Address:	sublette.invoices@meritenergy.com	Ticket #:	1718 19547 L	Bulk TRK No.:	30464 37547 Jaime 37712 19883 Kirby
City, State, Zip:	AFE # 64184	Job Type:	Z-42 Cement Surface Casing		
Service District:	1718 - Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	Flora Meredith # 2-10	Well Location:	10-30S-33W	County:	Haskell
				State:	Kansas

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-Con Cement	475	3% Calcium Chloride, 1/2# Celloflake, 1# Gilsonite	30464 37547 Jaime	Front	Back
Class C Cement	165	2% Calcium Chloride, 1/4# Celloflake	37712 19883 Kirby	Front	Back
				Front	Back

Tail 1/Tail 2:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel
<b>Tail Stage 1:</b>	12.1	2.41	13.9	1144.75	TT Man Hours: 76
<b>Tail Stage 2:</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	
21:45pm							Arrived at location
22:00pm							Spot trucks/Rig up
4:45am							Safety meeting
5:06am						1500	Pressure test lines to 1500psi
5:07am	3	10				80	Pump 10bbls of fresh water spacer
5:11am	5	203				120	Pump 203bbls of lead from 475sks at 12.1lbs
5:55am	4	39				100	Pump 39bbls of tail from 165sks at 14.8lbs
6:12am							Shut down/Drop plug/Wash pump and lines
6:13am							Start displacement of 107bbls with fresh water
6:19am	5	20				110	20bbls gone
6:23am	5	40				170	40bbls gone
6:27am	5	60				240	60bbls gone
6:31am	5	80				390	80bbls gone
6:35am	5	97				490	97bbls gone/Slow down rate
6:38am	3	107				1000	Bump plug/Hold pressure for 5 minutes
6:43am							Release pressure to check if float holds
							Got 100bbls of cement to Surface
							Rig down
							Job Completed
							Thanked company man and rig crew

Size Hole	12 1/4	Depth	1730		TYPE	Float Collar
Size & Wt. Csg.	8 5/8 24#	Depth	1729	New / Used	Float Collar	1685.8
Landing Press 1	500+	Landing Press 2			Retainer	Depth
Shoe Jt.	43.2	Type			Perfs	CIBP

Customer Signature:	Basic Representative:	Victor A. Corona
	Basic Signature:	<i>Victor A. Corona</i>
	Date of Service:	8/7/2019

# Pumping Order / Mixture

Client: Merit Energy  
Date: 8/6/2019  
Job: 8 5/8 Surface

Well Name & No: Flora Meredith 2-10  
Location Supervisor: Victor A. Corona  
COMPANY REP. Rodney Gonzales

Differential Pressure 1353 psi  
Lift Pressure: 500 psi

## Recipe

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**Pressure Test PSI: 1500**

**MAX PSI: 500**

**10 BBLs OF FRESH WATER SPACER**  
**203 BBLs LEAD SLURRY YIELD 2.41 12.1LBS 475SKS 13.9G/SK**  
**39 BBLs TAIL SLURRY YIELD 1.34 14.8LBS 165SKS 6.33G/SK**

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

**107.0 BBLs OF DISPLACEMENT**  
**97.0 BBLs @ 5 BPM**  
**10.0 BBLs AT 2-3 BPM TO BUMP PLUG**

**DISP PLUG WITH 107BBLs OF H2O**

# Cement Callsheet



Company	<b>Merit Energy</b>		Service Point	<b>Liberal, Kansas</b>					
Well Type	Contractor	County	Contact Person	Ph #	620-388-3779				
Lease	Flora Meredith	Well #	2-10	Sec	10	Twp	30S	Range	33W

Directions:

**Sublette: Jct 83 & 56; West on 56 to CR II; South to CR 210; 1.5 miles east; North to Rig**

Job Type	Surface		Casing Size	8 5/8	Thread	8 Rnd	Weight	24
Equipment	1 Pump Truck 2 Bulk Trucks		Tubing/Drill Pipe Size		Thread		Weight	
AFE #:			Hole Size	12 1/4	Packer		Bridge Plug	
			Plug Container	Yes	Squeeze Manifold		Field Bin	

**Surface: 8 5/8 FE On Location; Please Take 5 1/2 Float Shoe, Float Collar, And 20 Centralizers**

CEMENT DATA				
LEAD 1	Weight PPG	Type	Additives	
BC118	12.1	A-Con Cement	3% Calcium Chloride, 1/2# Celloflake, 1# Gilsonite	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
475	130%	2.41	13.90	
TAIL 1	Weight PPG	Type	Additives	
BC101	14.80	Class C Cement	2% Calcium Chloride, 1/4 # Celloflake	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
165		1.34	6.33	
LEAD 2	Weight PPG	Type	Additives	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
TAIL 2	Weight PPG	Type	Additives	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
Mouse/Rat	Weight PPG	Type	Additives	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
Plugs	Weight PPG	Type	Additives	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	

Float Equipment				
Part #	Quantity	Description	# Used	# Returned
CF253	1	Guide Shoe - Regular, 8 5/8" (Blue)		
CF1453	1	Flapper Type Insert Float Valves. 8 5/8" (Blue)		
CF1753	6	Centralizer, 8 5/8" (Blue)		
CF105	1	Top Rubber Cement Plug, 8 5/8"		

Misc. Chemicals				

Ordered By	<b>Luke Lau</b>	Phone	972-628-1680	Fax		Date of Job	
Call Taken By	<b>Max Ball</b>	Phone	620-675-5025	Email		Time Ready	
Operator or Driver Called	<b>Jose on Bonus Slee +</b>				Call Out Time		

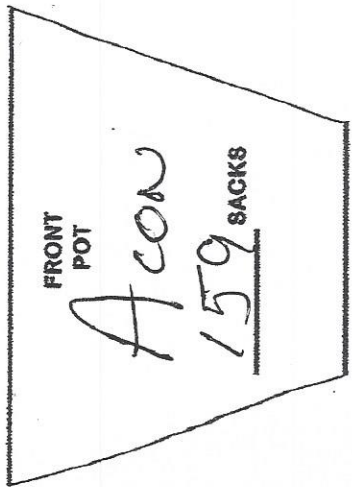
*Date PIC Met for the 7<sup>th</sup>*

DATE 8-6-19

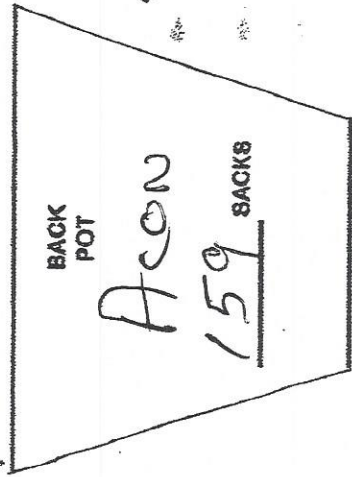
COMPANY  
LEASE

Merit  
Flora Meredith  
Well # 2-10

**DIRECTIONS**



30464



37547

37712 - 19883

F — B

165 158

tail Acon

ours to Load Truck