



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 10HRS	Operator TRK No.:	78868
Address:	gardencity.invoices@meritenergy.com	Ticket #:	1718 19688 L	Bulk TRK No.:	14355 37724 Corey
City, State, Zip:	AFE # 64323	Job Type:	Z-42 Cement Production Casing		
Service District:	1718-Liberal KS	Well Type:	OIL		
Well Name and No.:	McWilliams E # 8	Well Location:	21-24S-33W	County:	Finney
				State:	Kansas

Type of Cmt	Sacks	Additives	Truck Loaded On		
Class C 50/50	230	6% Gypsum, 10% Salt, .5% C-17, 1/4# Defoamer, 5# Gilsonite, 1/4# Celloflake	14355 37724 Corey	Front	Back
			14355 37724	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	13.6	1.57	7.18	361.1	TT Man Hours:	34
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
7:30am							Arrived at location
9:00am							Spot trucks/Rig up
10:00am							Safety meeting
10:31am						2500	Pressure test lines to 2500psi
10:33am	3	11.9				100	Pump 11.9bbls of Mud flush spacerr
10:45am	3	13.9				zero	Pump 13.9bbls of cement for rat and mouse hole from 50sks at 13.6lbs
11:10am	5	50				200	Pump 50bbls of cement from 180sks at 13.6lbs
11:27am							Shut down/Drop plug/Wash pump and lines
11:38am							Start displacement of 118bbls with H2O/4%KCL
11:42am	6	20				50	20bbls gone
11:45am	6	40				50	40bbls gone
11:48am	6	60				20	60bbls gone
11:52am	6	80				210	80bbls gone
11:55am	6	100				600	100bbls gone
11:57am	6	108				650	108bbls gone
12:00am	3	118				1650	Bump plu/Hold pressure for 5 minutes
12:05am							Release pressure to check if float holds
12:06am						1550	Pressure test casing for 15minutes with 1550psi
							Rig down/Job completed
							Thanked company man and rig crew

Size Hole	7 7/8	Depth	5146		TYPE	Float Collar		
Size & Wt. Csg.	5 1/2 17#	Depth	5146	New / Used	Float collar	5101.37	Depth	
Landing Psi	1000+	Depth			Retainer		Depth	
Shoe Joint	44.63	Type			Perfs		CIBP	

Customer Signature:	Basic Representative:	Victor A. Corona
	Basic Signature:	<i>Victor A. Corona</i>
	Date of Service:	9/8/2019

Pumping Order / Mixture

Client: Merit Energy
Date: 9/8/2019
Job: 5 1/2 Production

Well Name & No: McWilliams E-8
Location Supervisor: Victor A. Corona
COMPANY REP. Rodney Gonzales

Differential Pressure 579 psi
Lift Pressure: 500 psi

Recipe

Pressure Test PSI: 2500

MAX PSI: 1500

12 BBLs OF MUD FLUSH SPACER

13 BBLs CEMENT R&M YIELD 1.57 13.6 LBS

50SKS 7.18G/SK

50 BBLs TAIL SLURRY YIEL 1.57 13.6 LBS

1800SKS 7.18G/SK

DROP PLUG/WASH PUMP ON TO PIT

118.0 BBLs OF DISPLACEMENT

108.0 BBLs @ 5 BPM

10.0 BBLs AT 2-3 BPM TO BUMP PLUG

DISP PLUG WITH 118 BBLs OF H2O/4%KCL

Cement Callsheet



Company	Merit Energy			Service Point	Liberal, Kansas			
Well Type	Contractor			Contact Person	Tyce Davis			
Lease	McWilliams E		Well #	8	Sec	21	Twp	24S
Directions:	Range 33W							

Garden City: South to Jct 83 & BUS 83; North on Bus 83 to River Drive; West on River Drive 1.4 Miles to Sagebrush RD, 3 miles west on Sagbrush RD; South to rig

Job Type	Production			Casing Size	5 1/2	Thread	8 Rnd	Weight	17
Equipment	1 Pump Truck 1 Bulk Truck			Tubing/Drill Pipe Size	Hole Size		Thread	Weight	
				7 7/8		Packer	Bridge Plug		
AFE #:				Plug Container	Yes	Squeeze Manifold	Field Bin		

Production: Use 50sksof tail cement to plug Rat & Mouse; Cement Casing With 180 sks; Displace with 4% KCL

CEMENT DATA

LEAD 1	Weight PPG	Type	Additives	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
TAIL 1	Weight PPG	Type	Additives	
BC133	13.60	Class C 50/50	6% Gypsum, 10% Salt, .5% C-17, 1/4# Defoamer, 5# Gilsonite, 1/4# Celloflake	
Sacks	Excess	Yield Ft/sk	Water Gal/sk	
230	30%	1.57	7.18	
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
CF851	1	5 1/2" Float Shoe(Blue)		
CF951	1	5 1/2" Float Collar(Blue)		
CF1751	20	Centralizer, 5 1/2" (Blue)		
CF103	1	Top Rubber Cement Plug, 5 1/2"		

Misc. Chemicals

CC151	500	Mud Flush		
C718	24	Clayplex 650		

Ordered By	Luke Lau	Phone 972-628-1680	Fax	Date of Job
Call Taken By	Max Ball	Phone 620-675-5025	Email	Time Ready
Operator or Driver Called				Call Out Time

DATE

9-8-2019

COMPANY

LEASE

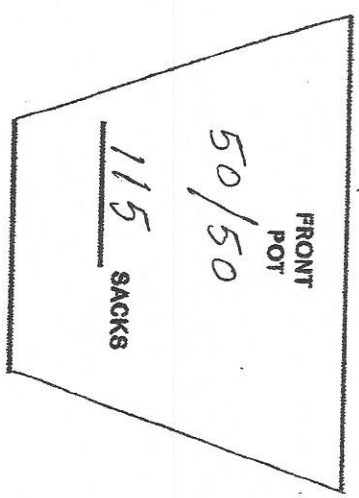
Merit

McWilliams &

Allen # 8

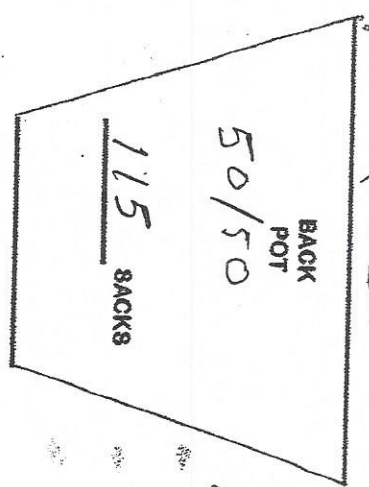
DIRECTIONS

Poz



14355

Poz



37724

Hours to Load Truck
