



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 12HRS	Operator TRK No.:	78868	
Address:	gardencity.invoices@meritenergy.com	Ticket #:	1718 19681 L	Bulk TRK No.:	14354 19808 Corey	14354 19808
City, State, Zip:	AFE # 64239	Job Type:	Z-42 Cement Production Casing			
Service District:	1718-Liberal Ks	Well Type:	OIL			
Well Name and No.:	Kells I #4	Well Location:	32-27S-33W	County:	Haskell	State: Kansas

Type of Cmt	Sacks	Additives	Truck Loaded On		
Class C 50/50	285	6%Gypsum,10%Salt,.5%C-17,1/4#Defoamer,1/4#Celloflake,5#Gilsonite	14354 19808 Corey	Front	Back
			14354 19808	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	447.45	TT Man Hours:	40
Tail:					# of Men on Job:	3

Time (am/pm)	Volume (BBLs)	Pumps		Pressure(Psi)		Description of Operation and Materials	
		T	C	Tubing	Casing		
17:00pm						Arrive at location	
18:00pm						Spot trucks/Rig up	
19:30pm						Safety meeting	
20:00pm					2500	Pressure test lines to 2500psi	
20:01pm	3	12			100	Pump 12bbls of mud flush spacer	
20:11pm	3	13.9			zero	Pump 13.9bbls of cement from 50sks at 13.6lbs to fill rat and mouse hole	
20:25pm	5	65.7			120	Pump 65.7bbls of cement from 235sks at 13.6lbs	
20:50pm						Shut down/Drop plug/Wash pump and lines to pit	
20:56pm						Start displacement of 129bbls with H2O/4%KCl	
21:01pm	5	20			90	20bbls gone	
21:05pm	6	40			180	40bbls gone	
21:08pm	5	60			100	60bbls gone	
21:13pm	5	80			300	80bbls gone	
21:17pm	5	100			650	100bbls gone	
21:22pm	5	119			950	119bbls gone/Slow down rate	
21:26pm	2	129			1650	Bump plug/Hold for 5 minutes	
21:31pm						Release pressure to check if float holds	
21:33pm					1550	Pressure test casing for 15 minutes with psi	
						Rig down	
						Job Completed	
						Thanked company man and rig crew	
Size Hole	7 7/8	Depth	5620		TYPE	Float Collar	
Size & Wt. Csg.	5 1/2 17#	Depth	5619	New / Used	Float Collar	5576.93	Depth
Landing Psi	1000+	Depth			Retainer		Depth
Shoe Joint	42.07	Type			Perfs		CIBP

Customer Signature:	Basic Representative:	Victor A. Corona
	Basic Signature:	<i>Victor A. Corona</i>
	Date of Service:	8/24/2019

Pumping Order / Mixture

Client: Merit Energy
Date: 8/24/2019
Job: 5 1/2 Production

Well Name & No: Kells I #4
Location Supervisor: Victor A. Corona
COMPANY REP. Rodney Gonzales

Differential Pressure 718 psi
Lift Pressure: 500 psi

Recipe

Pressure Test PSI: 2500

MAX PSI: 1500

12 BBLs OF MUD FLUSH SPACER

14 BBLs CEMENT R&M YIELD 1.57 13.6 LBS

50SKS 7.18G/SK

65 BBLs TAIL SLURRY YIEL 1.57 13.6 LBS

235SKS 7.18G/SK

DROP PLUG/WASH PUMP ON TO PIT

129.0 BBLs OF DISPLACEMENT

119.0 BBLs @ 5 BPM

10.0 BBLs AT 2-3 BPM TO BUMP PLUG

DISP PLUG WITH 129 BBLs OF H2O/4%KCL

