



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

PRESSURE PUMPING

Job Log

Customer:	Obrien Energy	Cement Pump No.:	37223 19572 7 HRS	Operator TRK No.:	78938	
Address:		Ticket #:	1718 19349 L	Bulk TRK No.:	14355 37724 Cristian	14354 19578 Marc
City, State, Zip:		Job Type:	Z41 - Squeeze Raise Cement			
Service District:	1718-Liberal Ks	Well Type:	OIL			
Well Name and No.:	Shinogle 3-20	Well Location:	20,33,29	County:	Meade	State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-Con'-Blend	425	3% Calcium Chloride, 1/4# Polyflake, 2%WCA1	14355 37724 Cristian		Front Back
Premium Plus Cement	150	2% Calcium Chloride, 1/4#Polyflake	14354 19578 Marc		Front Back
					Front Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	11.4	2.95	18.1	1253.75	TT Man Hours:	32
Tail:	14.8	1.34	6.33	201	# of Men on Job:	4

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
20:30pm							Arrived at location
20:45pm							Spot trucks/Rig up
22:00pm							Safety meeting
22:21pm						1500	Pressure test lines to 1500psi
22:28pm		223.2				200	Pump lead 223.2bbls from 425sks at 11.4lbs
23:07pm		35.7				200	Pump tail 35.7bbls from 150sks at 14.8lbs
23:19pm							Drop plug/wash pump and lines
23:20pm							Start Displacement
23:25pm		20				120	20bbls gone
23:30pm		40				180	40bbls gone
23:35pm		60				290	60bbls gone
23:39pm		80				500	80bbls gone
23:40pm		84				450	84bbls gone/slow down rate
23:42pm		94				1090	Bump plug
							Check if float holds
							Got 80 bbls of cement to surface
							Rig down
							Job Completed
							Thanked company man
Size Hole	12 1/4	Depth	15377		TYPE		
Size & Wt. Csg.	8 5/8 24#	Depth	1527	New / Used	Flapper Float	1486	Depth
Shoe Joint	40	Depth	1486		Retainer		Depth
Top Plugs		Type			Perfs		CIBP

Customer Signature:	Basic Representative:	Victor A. Corona
	Basic Signature:	
	Date of Service:	3/20/2019

O'Brien Energy Shinogle 3-20 Surface

— Pressure 1 — Density — Total Rate — Total Volume — Stage Vol.

