

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1590

Date	10-4-19	Sec.	3	Twp.	16	Range	20	County	<del>Butler</del> Rush	State	KS	On Location		Finish	12:00 pm		
Lease								Zimmerman		Well No.		#1-3					
Contractor								STP		Owner							
Type Job								DV 2-Stage		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size								7 7/8		T.D.		Charge To					
Csg.								15.5 5/8		Depth		3901.24					
Tbg. Size										Depth		City					
Tool								DV-2 stage		Depth		1380'					
Cement Left in Csg.								Shoe Joint		21.25		Cement Amount Ordered					
Meas Line								Displace		92 1/2" AL		10% salt 51 gal @ 500 gal/mbl					
<b>EQUIPMENT</b>												Common					
Pumptrk #17		No.		Cementer		Tony P		Helper		Rick		Poz. Mix					
Bulktrk		No.		Driver				Driver				Gel.					
Bulktrk #3		No.		Driver		Lance		Driver				Calcium					
<b>JOB SERVICES &amp; REMARKS</b>												Hulls					
Remarks:								USED: QMDC 175 SK		Salt		15					
Rat Hole								10% salt 51 gal		Flowseal							
Mouse Hole								#500 gal mud PHOT		Kot-Seal		875#					
Centralizers										Mud CLR 48		500 gal					
Baskets										CFL-117 or CD110 CAF 38							
D/V or Port Collar										Sand							
* 5/8 csg set @ 3901.25								Drop Ball Block circ.		Handling		198					
										Mileage							
<b>FLOAT EQUIPMENT</b>																	
* mix 500 gal mud PHOT								Guide Shoe		1x Float SHOX		5 1/2					
<del>300 gal mud PHOT</del>								Centralizer		10x TURBOS							
* mix 175 SK QMDC 10% salt 51 gal								Baskets		2							
* Clean Lines Dispre								AFU Inserts									
5/8 19cft down @ 92 1/2								Float Shoe									
1/4" 19cft @ 1500 psi								Latch Down		1							
* Release Back Dry.										1x 5 1/2 DV TOOL							
* Open tool @ 700 psi								Pumptrk Charge		prod string Bottom Stage							
* Break circulation								Mileage		23							
Signature												Tax					
												Discount					
												Total Charge					

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Home Office P.O. Box 32 Russell, KS 67665

No. 1591

Date	10-5-19	Sec.	3	Twp.	14	Range	20	County	<del>Shawnee</del> Rush	State	KS	On Location		Finish	230 AM
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Location Schoonchen 10 W 15 W

Lease	Zimmerman	Well No.	1-3	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	5719			Charge To	CHo Has Production LLC
Type Job	DV-2 Stage			Street	
Hole Size	7 7/8	T.D.		City	
Csg.	45.5 5 1/2	Depth	3901.24'	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	DV	Depth	1380'	Cement Amount Ordered	275 5/20 QMBC
Cement Left in Csg.		Shoe Joint			

Meas Line Displace 32 1/2 #120 1/4 #10

**EQUIPMENT**

Pumptrk #17	No.	Cementer	Tony P	Common	275 5/20 QMBC
		Helper		Poz. Mix	
Bulktrk	No.	Driver	Rick	Gel.	
		Driver		Calcium	
Bulktrk #15	No.	Driver	Doug		
		Driver			

**JOB SERVICES & REMARKS**

Remarks:		Hulls	
Rat Hole	USED: 275 Qmix	Salt	
Mouse Hole	80/20 #1/4 #10	Flowseal	60#
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
DV or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
* Circulated opened		Handling	275
7026 - 1 1/2 #25		Mileage	

**FLOAT EQUIPMENT**

* Mix 30SK RAT HOLE		Guide Shoe	
* mix 240 Qmix 80/20		Centralizer	
#1/4 #10		Baskets	
* Clean Lines		AFU Inserts	
* Display 5 1/2 Top Rubber		Float Shoe	
plug @ 32 1/2 #1/2		Latch Down	
* Land 5 1/2 @ #1200 psi			
* Repair Back Dry			

* Cement to <del>circulated</del>		Pumptrk Charge	prol string	TAP
		Mileage	23	Stage

x Signature	<i>[Signature]</i>	Tax	
		Discount	
		Total Charge	