

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. 1507

Date	7-22-19	Sec.	11	Twp.	17	Range	10	County	Lyons	State	KS	On Location		Finish	4:15pm
Lease								Harder	Well No.	1	Owner				
Contractor								Discovery #2	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.						
Type Job								Surface	Charge To						
Hole Size								12 1/4	T.D.	221	To				
Csg.								8 5/8	Depth	220	Street				
Tbg. Size									Depth		City				
Tool									Depth		State				
Cement Left in Csg.								10	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line									Displace	1331	Cement Amount Ordered				
EQUIPMENT											1100 com 3-1-cc 2-1-Gel				
Pumptrk								16	No.		Common				
Bulktrk									No.		160				
Bulktrk								21	No.		Poz. Mix				
JOB SERVICES & REMARKS											Gel.				
Remarks:											3				
Rat Hole											Calcium				
Mouse Hole											6				
Centralizers											Hulls				
Baskets											Salt				
D/V or Port Collar											Flowseal				
8 5/8 on bottom. Est. Circulation											Kol-Seal				
Mixed 100 sk x 3000 Hulls.											Mud CLR 48				
Cement Circulated											CFL-117 or CD110 CAF 38				
Thanks											Sand				
											Handling				
											169				
											Mileage				
											FLOAT EQUIPMENT				
											Guide Shoe				
											Centralizer				
											Baskets				
											AFU Inserts				
											Float Shoe				
											Latch Down				
											Pumptrk Charge				
											Surface				
											Mileage				
											80				
X Signature											Tax				
											Discount				
											Total Charge				

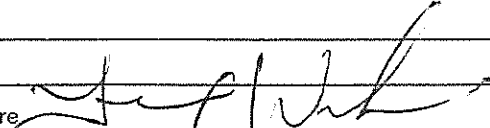
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

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

No. 1481

Date	7-28-19	Sec.	11	Twp.	17	Range	10	County	Lyon	State	Ks	On Location		Finish	9.5819
Lease	Harder			Well No.	#1			Location	Council Grove - 12 E to Americas Bldg						
Contractor	Discovery #2			Owner	45, 1/2 w, 3/4 into										
Type Job	plug			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.	3200'			Charge To	John O Farmer						
Csg.				Depth				Street							
Tbg. Size	4 1/2" D.P.			Depth	3155'			City	State						
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered	225 6 1/4 4% bel 1/4 lb Flowseal						
Meas Line				Displace	H2O / mud										
EQUIPMENT								Common	135						
Pumptrk	16	No.		Cementor	David			Helper	90						
Bulktrk	21	No.		Driver	Tim			Driver	8						
Bulktrk	P.U.	No.		Driver	Rick			Driver	Calcium						
JOB SERVICES & REMARKS								Hulls							
Remarks:	3155' - 355x							Salt							
Rat Hole	2800' - 355x							Flowseal	50#						
Mouse Hole	2300' - 355x							Kol-Seal							
Centralizers	1400' - 355x							Mud CLR 48							
Baskets	270' - 355x							CFL-117 or CD110 CAF 38							
D/V or Port Collar	60' - 205x							Sand							
Rathole w/ 305x								Handling	233						
Cement did Circulate								Mileage							
								FLOAT EQUIPMENT							
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge	plug						
								Mileage	80						
X Signature 								Tax							
								Discount							
								Total Charge							