

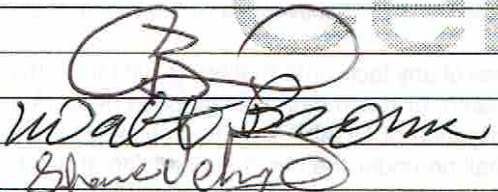
# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 221

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-5-17	22	6	20	Rooks	KS		6:45 am
Lease <u>Garth Unit</u>				Well No.		Owner	
Contractor <u>WW #8</u>				To Quality Oilwell Cementing, Inc.			
Type Job <u>Production String</u>				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 <u>7 7/8</u>		T.D. <u>3654</u>		Charge To <u>Jasper Company</u>			
Csg. <u>5 1/2 15.50</u>		Depth <u>3647</u>		Street			
Tbg. Size		Depth		City		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>42.42</u>		Shoe Joint <u>42.42</u>		Cement Amount Ordered <u>425 80% QMDC 1/4 #F10</u>			
Meas Line		Displace <u>85 3/4 BL</u>		<u>150 gal 10% Salt 5% Gilsontite 500 gal mud clear</u>			
<b>EQUIPMENT</b>				Common <u>150</u>			
Pumptrk <u>5</u>	No.	Cement Helper <u>Maig</u>		Poz. Mix <u>425 80% Qmix</u>			
Bulktrk <u>9</u>	No.	Driver <u>Travis</u>		Gel.			
Bulktrk <u>15</u>	No.	Driver <u>Doug</u>		Calcium			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Remarks:				Salt <u>13</u>			
Rat Hole <u>30SK</u>				Flowseal <u>100#</u>			
Mouse Hole				Kol-Seal <u>750#</u>			
Centralizers				Mud CLR 48 <u>500 gal</u>			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
<u>5 1/2 set @ 3647. Balls @ 3604.58</u>				Handling <u>596</u>			
<u>Est. Circulation - Pump 500 gal mud</u>				Mileage			
<u>Clear + 10 BL spacer.</u>				<b>FLOAT EQUIPMENT</b>			
<u>Cement patch hole with 30SK</u>				Guide Shoe			
<u>Cement 5 1/2 with 39.5SK QMDC @</u>				Centralizer <u>7</u>			
<u>11.7 p. dig. @ 150SK @ 15 p. dig.</u>				Baskets <u>6</u>			
<u>Clear lines &amp; Displace Plug.</u>				AFU Inserts			
<u>Cement Circulated</u>				Float Shoe <u>1</u>			
<u>Plug landed @ 1200#</u>				Latch Down <u>1</u>			
 Walt Brown Shaver Veng				Pumptrk Charge <u>prod string</u>			
				Mileage <u>55</u>			
X Signature				Tax			
				Discount			
				Total Charge			