

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. 6327

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-15-12	14	15	19	Ellis	KS		6:30 AM

Location *Antonia 2 3/4 S W 10*

Lease	Well No.	Owner	
<i>Pfannkuch Unit</i>	<i>1</i>	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	Type Job	Charge To	
<i>Discovery #4</i>	<i>Production String</i>	<i>Heat Oil</i>	
Hole Size	T.D.	Street	
<i>7 7/8</i>	<i>3700</i>		
Csg.	Depth	City	
<i>5 1/2</i>	<i>3695</i>	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered <i>180 Com 10% Salt 5% Gel 10% to 500 gal mud flush</i>	
Cement Left in Csg.	Shoe Joint		
<i>21.47</i>	<i>21.47</i>		
Meas Line	Displace		
	<i>89 3/4 BCL</i>		

EQUIPMENT

Pumptrk	No.	Cementer	Helper	Common
<i>5</i>		<i>Coop</i>		Poz. Mix
Bulktrk	No.	Driver	Driver	Gel.
		<i>Coop</i>		Calcium
Bulktrk	No.	Driver	Driver	Hulls
<i>1</i>		<i>Heath</i>		Salt

JOB SERVICES & REMARKS

Remarks:

Rat Hole *30SK*

Mouse Hole *15SK*

Centralizers

Baskets

D/V or Port Collar

Handling

Mileage

5 1/2 sp @ 3695 3 is @ 3673
Est Circulation. Pump 500 gal mud 4 hr
With 10 BCL spacer Plug Retainer mousehole
Cement 5 1/2 with 135SK - Circ 1 hr
Displace Plug Plug back @ 2000 ft.
HV Release pressure Diff.

FLOAT EQUIPMENT

Guide Shoe	<i>5 1/2</i>
Centralizer	<i>6</i>
Baskets	<i>1</i>
AFU Inserts	
Float Shoe	<i>1</i>
Latch Down	<i>1</i>

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature *[Signature]*