

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. 231

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-15-17	30	9	19	ROOKS	KS		10:00 am
Location <u>Zunch 2w 8RD 1N 1/2w Sinto</u>							

Lease	Well No.	Owner	
<u>Stahl</u>	<u>1-30</u>	To Quality Oilwell Cementing, Inc.	
Contractor	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
<u>Discover #4</u>			
Type Job	Charge To		
<u>Surface</u>	<u>American Oil</u>		
Hole Size	T.D.	Street	
<u>12 1/4</u>	<u>221</u>		
Csg.	Depth	City	
<u>8 5/8</u>	<u>221</u>	State	
Tbg. Size	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	Depth	Cement Amount Ordered <u>150 8/20 3/4 2-1-0E2</u>	
Cement Left in Csg.	Shoe Joint		
<u>10</u>			
Meas Line	Displace		
	<u>13 3/4</u>		

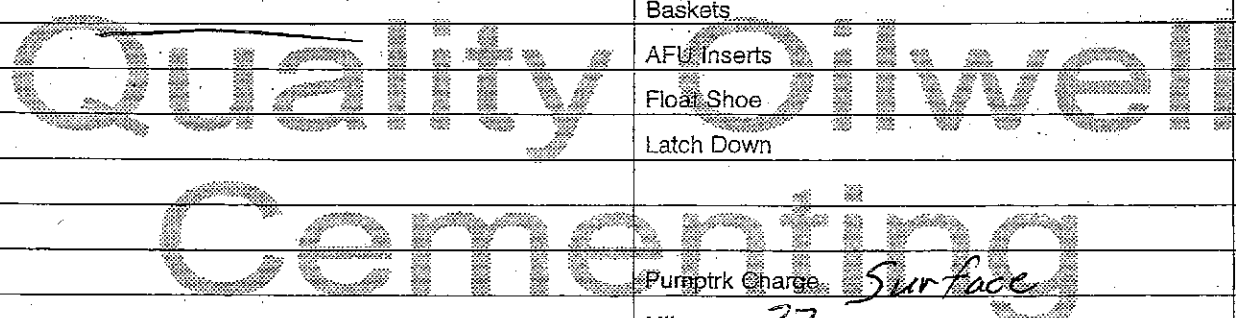
EQUIPMENT			
Pumptrk	No.	Cementer/Helper	Common
<u>5</u>		<u>Big</u>	<u>120</u>
Bulktrk	No.	Driver	Poz. Mix
		<u>Trent</u>	<u>30</u>
Bulktrk	No.	Driver	Gel.
<u>9</u>		<u>Jordan</u>	<u>3</u>
			Calcium
			<u>6</u>

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand

8 5/8 on bottom. Est. Circulation.
Max 150000 Displace.
Cement Circulated.

Handling	<u>159</u>
Mileage	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	



Pumptrk Charge	<u>Surface</u>
Mileage	<u>37</u>

X Signature Eden Gable

Tax	
Discount	
Total Charge	

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No. 168

Date	5-21-17	Sec.	30	Twp.	9	Range	19	County	Rooks	State	Ks	On Location		Finish	6:45 AM
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Lease **Stahl** Well No. **1-30** Location **Zurich - 2w, 1N, 1/2 W, S1 side**

Contractor **Discovery** **4** 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.

Type Job **Bottom Stage** Charge To **American oil**

Hole Size **7 7/8"** T.D. **3680'** Depth **3680'**

Csg. **15 1/2" 5 1/2" new** Street

Tbg. Size Depth City State

Tool **DU** Depth **1562'** The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. **19'** Shoe Joint **19'** Cement Amount Ordered **175 Com 10% Salt 5% Gilsomite 1/4# Flosol**

Meas Line Displace **87# BCS** **500 gal mud Clear 48** Common **175**

50 water EQUIPMENT 37# mud

Pumptrk **16** No. Cementer **Rick** Poz. Mix

Bulktrk **9** No. Driver **Tony** Gel.

Bulktrk **19** No. Driver **David** Calcium

JOB SERVICES & REMARKS

Remarks: Hulls

Rat Hole Salt **15**

Mouse Hole Flowseal

Centralizers **1, 3, 5, 7, 9, 51** Kol-Seal **875#**

Baskets **32** Mud CLR 48 **500 gal**

D/A or Port Collar **52 1562'** CFL-117 or CD110 CAF 38

~~pipe on bottom break~~ Circulation Sand

~~pump 500 gal mud Clear 48, pump~~ Handling **198**

~~10 BCS order spacer mix 175~~ Mileage

FLOAT EQUIPMENT

~~St Cement shut down wash pump~~ Guide Shoe

~~to lines Displaced plug w/ 87#~~ Centralizer **5 tubs 1 Reg**

~~BCS of Fluid. Released - held~~ Baskets **1**

~~Lift pressure 700#~~ AFU Inserts

~~hard plug to 1500#~~ Float Shoe **1**

~~Drop Dart open tool 1000#~~ Latch Down **DU Tool**

Pumptrk Charge **prod string**

Mileage **37**

Bottom Stage

Signature **Chris Weavering**

Tax
Discount
Total Charge

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No. 169

Date	5-21-17	Sec.	30	Twp.	9	Range	19	County	Reeks	State	Ks	On Location		Finish	9:00 AM
Lease								Location		Zurich - 2w, 1N, 1/2w, 5/4 into					

Lease	Stahl		Well No.	1-30		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	Discovery 4						Charge To	American oil								
Type Job	Top stage						Street									
Hole Size	7 7/8"		T.D.	3680'		City	State									
Csg.	15 1/2# 5 1/2" New		Depth	3680'		The above was done to satisfaction and supervision of owner agent or contractor.										
Tbg. Size			Depth	1562'		Cement Amount Ordered 350 80/20 QMBC 1/4# Flo										
Tool	DU						Meas Line Displace 37 BLS									
Cement Left in Csg.			Shoe Joint			EQUIPMENT										

Pumptrk 16 No. Cementer Rick			Common 350 80/20 Qmbc		
Bulktrk 19 No. Driver David			Poz. Mix		
Bulktrk 9 No. Driver Tony			Gel.		
JOB SERVICES & REMARKS			Calcium		
Remarks:			Hulls		
Rat Hole 30SX			Salt		
Mouse Hole 15SX			Flowseal 87A		
Centralizers			Kot-Seal		
Baskets			Mud CLR 48		
D/V or Port Collar 1562' # 52			CFL-117 or CD110 CAF 38		
Pipe on bottom break Circulation			Sand		
pump to bus water spur			Handling 350		
plug Rathoe w/ 30SX max shoe			Mileage		
w/ 15SX Cement 5 1/2" w/ 30SX			FLOAT EQUIPMENT		
Cement, shut down wash pump			Guide Shoe		
+ lines Released plug + Displaced			Centralizer		
w/ 37 BLS H2O			Baskets		
Lift pressure 500 #			AFU Inserts		
Closed tool 1500 #			Float Shoe		
Released + held			Latch Down		
Cement all			Pumptrk Charge prod string		
Circulate			Mileage 37		

Signature		Ann W. [unclear]		Tax	
				Discount	
				Total Charge	