

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 1100

Cell 785-324-1041

Date	1-6-19	Sec.	17	Twp.	22	Range	13	County	Stafford KS	State	KS	On Location		Finish	2:30 AM
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Location *Great Bend S Hwy 19 W 1/4 S Winto*

Lease	<i>Keller Gates</i>	Well No.	<i>1-17</i>	Owner	To Quality Oilwell Cementing, Inc.
Contractor	<i>D. Spivey #2</i>	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	<i>Production String</i>	Charge To	<i>Bird Dog Oil LLC</i>		
Hole Size	<i>7 7/8</i>	T.D.	<i>3890</i>	Street	
Csg.	<i>5 1/2 15,500#</i>	Depth	<i>3886</i>	City	
Tbg. Size		Depth		State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<i>22'</i>	Shoe Joint	<i>22'</i>	Cement Amount Ordered	3000 <i>Q-Pro-C</i>
Meas Line		Displace	<i>92BC</i>	<i>500gal mid clear</i>	<i>220</i>

EQUIPMENT

Pumptrk	<i>17</i>	No.	<i>3</i>	Cement Helper	<i>3</i>	Common	<i>220 Q-Pro-C</i>
Bulktrk		No.		Driver	<i>1</i>	Poz. Mix	
Bulktrk	<i>15</i>	No.		Driver	<i>1</i>	Gel.	
				Driver	<i>1</i>	Calcium	

JOB SERVICES & REMARKS

Remarks:		Hulls	
Rat Hole	<i>30SK</i>	Salt	<i>17</i>
Mouse Hole	<i>15SK</i>	Flowseal	
Centralizers		Kol-Seal	<i>950#</i>
Baskets		Mud CLR 48	<i>500 gal</i>
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	<i>246</i>
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	<i>8</i>
		Baskets	<i>1</i>
		AFU Inserts	
		Float Shoe	<i>1</i>
		Latch Down	<i>1</i>

*5 1/2 size @ 3886 Bkt @ 3864.
 Est. circulation. Pump 500 gal mid clear
 100L water space. Cement Rathole mass shot.
 Cement 5 1/2 with 175SK
 Clear lines & D. spacer Plug.
 Plug land @ 1520#
 L.H. Pressure @ 800#*

Thanks

Pumptrk Charge	<i>Prod String</i>	Tax	
Mileage	<i>17</i>	Discount	
		Total Charge	

X Signature

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No. 1163

Date	12-19-18	Sec.	17	Twp.	22	Range	13	County	Stafford	State	Ks	On Location		Finish	7:00 PM
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Lease **Keller-Gates** Location **281 + K-19 #1-Jct - 1W, 1 1/4 S, W1 Into**

Well No. **1-17** Owner **To Quality Oilwell Cementing, Inc.**

Contractor **Discovery #2** 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 **Bird Dog**

Hole Size **12 1/4"** T.D. **306'** Street

Csg. **8 5/8"** Depth **305'** City State

Tbg. Size Depth The above was done to satisfaction and supervision of owner agent or contractor.

Tool Depth Cement Left in Csg. **15'** Shoe Joint **15'** Cement Amount Ordered **425 @ 1/20 3% CC 2 1/2 Gal 1/2 # Flow Seal**

Meas Line Displace **18 1/4" BLS**

EQUIPMENT

Pumptrk 17 No. Cementer David	Common
Bulktrk 13 No. Helper David	Poz. Mix
Bulktrk p.u. No. Driver Jack	Gel.
Bulktrk p.u. No. Driver Rick	Calcium

JOB SERVICES & REMARKS

Remarks: **Cement did Circulate**

Rat Hole Flowseal

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Handling

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge

Mileage

X Signature *[Handwritten Signature]*

Tax
Discount
Total Charge

