

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. 1822

Date	6-8-15	Sec.	19	Twp.	16	Range	13	County	Barton	State	Ks	On Location		Finish	6:00 AM
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Lease Callaway Well No. 3 Location 281 + Galatia Bktop - 2E to 2old, 1/2 N Owner F/Info

Contractor Discovery 2 To Quality Oilwell Cementing, Inc.
Type Job Long string 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. 3622' Charge To Kal Oil

Csg. New 5 1/2" 1550# Depth 3467' 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. 44' Shoe Joint 44' Cement Amount Ordered 280 QMDC 1/4# Fls seal

Meas Line Displace 81 1/2 BLS 500 gal mud Clear 48 Common 280

EQUIPMENT Poz. Mix

Pumptrk 5 No. Cementer Lonnie Driver Billy Gel.

Bulktrk 9 No. Driver Rick Calcium

JOB SERVICES & REMARKS Hulls

Remarks: Salt

Rat Hole Flowseal 70#

Mouse Hole Kol-Seal

Centralizers 1 2 3 40 41 Mud CLR 48 500 gal

Baskets 2 41 CFL-117 or CD110 CAP 38

D/V or Port Collar pipe on bottom, break Sand

Circulation shut down set triplex shoe Handling 280

w/ psi. Pump 500 gal Mileage

mud Clear 48 plug Rathole w/ 30sx **FLOAT EQUIPMENT**

plug mouse hole w/ 15sx. Hook to Guide Shoe triplex shoe

Casing + mix 235 QMDC 1/4# Centralizer 5

shut down wash pump + lines Baskets 2

Released plug + Displace w/ 8 1/2 AFU Inserts

BLS. Released + held. Float Shoe

Displaced @ 48 bpm Latch Down 1

Landed plug to 11700 # Pumptrk Charge prod string Mileage 19

X Signature [Signature]

Tax
Discount
Total Charge