

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. 232

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-16-17	15	5	23	Norton	KS		07:30 AM

Location Hill City 1/4 NW 9 3w 1/2 E into

Lease HILDEBRAND Well No. 1-15 Owner

Contractor Discovery #1 To Quality Oilwell Cementing, Inc.

Type Job Production String You are hereby requested to rent cementing equipment and furnish

Hole Size 7 7/8 T.D. 3680 Charge To Sam Campbell Jr + Associates

Csg. 5 1/2 15.50* Depth 3677.48 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. 32.50 Shoe Joint 32.50 Cement Amount Ordered 440 80/20 Q.M.D.C. 1/4 # R10

Meas Line Displace 86 3/4 B.C. 200 Q. pro-c 10 1/2 salt 5 1/2 G. Isomite 1/4 # R10

EQUIPMENT Common 200 Q. pro-c 500 gal mud clear

Pumptrk 20 No. Cementer raig Poz. Mix B 400 80/20 Q.M.D.C.

Bulktrk 19 No. Helper Brett Gel.

Bulktrk 15 No. Driver Doug Calcium

Driver Tom Hulls

JOB SERVICES & REMARKS Salt 17

Remarks: Flowseal 180 #

Rat Hole 305K Kol-Seal 1000#

Mouse Hole 1.55K Mud CLR 48 500 gal

Centralizers CFL-117 or CD110 CAF 38

Baskets Sand

D/V or Port Collar Handling 687

5 1/2 set @ 3677.48. Buffer @ 3645. Mileage

Est. Circulation. Pump 500 gal mud clear **FLOAT EQUIPMENT** 5 1/2

10 B.C. water spacer. Plug Rathole + mouse hole. Guide Shoe 1 Limit Clamp

Cement 5 1/2. Clear lines + Displace Plug. Centralizer 8 Turbals

Lift Pressure 1000* Baskets 4 Caged

Plug limit @ 1800* AFU Inserts

Cement Circulate Float Shoe 1

Latch Down 1

Pumptrk Charge Prod String

Mileage 55

Signature

Tax

Discount

Total Charge