

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. 7672
12-20-13

Date	Sec.	Twp.	Range	County	State	On Location	Finish
12-19-13	10	14	19	Ellis	KS		2:00AM

Location *Hays Golf Course Rd, W to 200 Rd, 3/4 S, W 1/2*

Lease *Gottschalk* Well No. *1* Owner

Contractor *Royal #1* 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 *long string* Charge To *Double D's*

Hole Size *7 7/8* T.D. *3860*

Csg. *5 1/2 14#* Depth *3859* 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. Shoe Joint *42.42* Cement Amount Ordered *180 com 10% salt 5% gilsonite*

Meas Line Displace *93.13 bbl*

EQUIPMENT

Pumptrk <i>15</i> No. Cementer Helper <i>Nick</i>	Common <i>180</i>
Bulktrk <i>9</i> No. Driver <i>David</i>	Poz. Mix
Bulktrk <i>P4</i> No. Driver <i>Travis</i>	Gel.
	Calcium

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole <i>30 sx</i>	Salt <i>16</i>
Mouse Hole <i>15 sx</i>	Flowseal
Centralizers <i>1, 3, 5, 7, 9, 11, 13, 51</i>	Kol-Seal <i>900#</i>
Baskets <i>4, 52</i>	Mud CLR 48 <i>500 gal</i>
DNV Port Collar Top of #52 at 1540	CFL-117 or CD110 CAF 38
	Sand

Pipe on bottom brace circulation. Pumped 500 gal Mud CLR 48 with 10 bbl fw behind it. Plugged Rat hole with 30 sx and Mouse hole with 15 sx. Hooked to 5 1/2 Mixed 135 sx slot down washed pump and lines. Released plug and displaced with 93.13 bbl fw. Plug landed and held.

FLOAT EQUIPMENT

	Handling <i>205</i>
	Mileage
	Guide Shoe
	Centralizer <i>8 turbos</i>
	Baskets <i>2</i>
	AFU Inserts
	Float Shoe <i>1</i>
	Latch Down <i>1</i>

Lift Pressure at 800 psi

1 port collar

Plug landed at 1500 psi

Pumptrk Charge *prod long string*
Mileage *9*

X Signature

Tax
Discount
Total Charge