

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 7109

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-20-14	7	16	10	Ellsworth	KS		9:30 PM

Location	Wilson 5 to N Rd, En 2
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Lease Harbacek	Well No. 6	Owner
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Contractor Royal #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. 3400	Charge To Jason Oil
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Csg. 5 1/2 #15.5	Depth 3391.98	Street
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Tbg. Size	Depth	City	State
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Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
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Cement Left in Csg.	Shoe Joint 22.61	Cement Amount Ordered 180 x com 10% salt 5% gtlomite
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Meas Line	Displace 80.19 LL	
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## EQUIPMENT

Pumptrk 17	No. Cementer	Common
	Helper Nick	Poz. Mix 180
Bulktrk 3	No. Driver Claten	Gel.
Bulktrk 14	No. Driver Travis	Calcium

## JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 30 3/4	Salt 16
Mouse Hole 15 5/8	Flowseal 900#
Centralizers 1, 3, 5, 7, 9, 11	Kol-Seal
Baskets 2	Mud CLR 48 500 gal
D/V or Port Collar	CFL-117 or CD110 CAF 38
Pipe on bottom, lock circulation, Pumped 500 gal of CLR 48 with 10 HAP. 1-1/2 in. 1/2	Sand
Plug rat hole with 30 x and Mouse hole with 15 x. Hook at 70 1/2 Mixed 13 1/2	Handling
Shut down washed Pump and lines Released Plug and displaced with 80 HAP plug landed and held	Mileage 205

## FLOAT EQUIPMENT

Guide Shoe
Centralizer 6 Turbos
Baskets
AFU Inserts
Float Shoe
Latch Down 1

1 1/2" pressure 700 psi
Plug landed + 1400 psi

Pumptrk Charge
Mileage 27 prod string

X Signature	Tax
	Discount
	Total Charge