

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

No. 1703

Phone 785-483-1071
Cell 785-324-1041

Date	9-6-19	Sec.	33	Twp.	13	Range	20	County	Ellis	State	Ks	On Location		Finish	7:30 AM
------	--------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Lease Joe Waldschmidt Well No. 1 Location Ellis - S to Airbase Rd, 2 1/4 E, 5 1/2 N

Contractor Discovery #4 Owner 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. 3910' Depth 3901.31' Street _____ City _____ State _____

Csg. 5 1/2" Depth _____ Tool Port Collar Depth 1468.98' The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 21.48' Shoe Joint 21.48' Cement Amount Ordered 200 Com 10% Salt 5% Gilsenite

Meas Line Displace 94 1/2 BLS 500 gal mud Clear 48

EQUIPMENT			
Pumptrk	<u>20</u>	No.	Cementer <u>Tim</u>
			Helper <u>Tim</u>
Bulktrk	<u>15</u>	No.	Driver <u>Lance</u>
			Driver <u>Lance</u>
Bulktrk	<u>P.U.</u>	No.	Driver <u>Rick</u>
			Driver <u>Rick</u>

JOB SERVICES & REMARKS

Remarks: _____
 Rat Hole 30 sx _____
 Mouse Hole 15 sx _____
 Centralizers 1, 3, 5, 7, 9, 11, 58 _____
 Baskets 2, 6, 59 _____
 D/V or Port Collar #59 1468.98' _____
 Pipe on bottom break Circulation _____
 pump 500 gal mud Clear 48. _____
 plug Rathole w/ 30 sx + mousehole _____
 w/ 15 sx. Hook to 5 1/2" Casing _____
 + mix 155 sx Cement. Shut down _____
 wash pump + lines. Displaced _____
 plug w/ 94 1/2 BLS H2O. Released _____
 + held. _____

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	<u>7</u>
Baskets	<u>3</u>
AFU Inserts	
Float Shoe	<u>1</u>
Latch Down	<u>1</u>
port Collar	
Pumptrk Charge	<u>prod string</u>
Mileage	<u>22</u>

Lift pressure 700 #
 Land plug to 1500 #
Thanks
 Signature Alan Jacob

Tax _____
 Discount _____
 Total Charge _____