

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 1431

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-2-15	10	10	15	Osborne	KS		11:30AM

Location *Natoma E side, 1N, E to curve*

Lease	Well No.		Owner
<i>Hogan</i>	2		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.
Contractor			Charge To
<i>Fischer</i>			<i>Tengasco</i>
Type Job			Street
<i>Plug</i>			
Hole Size	T.D.	City	
		State	
Csg.	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
<i>4 1/2</i>			
Tbg. Size	Depth	Cement Amount Ordered	
<i>2</i>		<i>350sx 6% 40, 4% gel</i>	
Tool	Depth	Cement Left in Csg.	
Meas Line	Displace	Shoe Joint	
		<i>500 # Hulls on the side</i>	

EQUIPMENT

Pumptrk	No.	Cement Helper	Common
<i>17</i>		<i>Nick</i>	Poz. Mix
Bulktrk	No.	Driver	Gel.
<i>19</i>		<i>Doug</i>	Calcium
Bulktrk	No.	Driver	
<i>PU</i>		<i>Travis</i>	

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<i>50sx and 200 # Hulls at 3520</i>	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

<i>100sx and 200 # Hulls at 3760</i>	Guide Shoe
<i>90sx to circulate at 1380</i>	Centralizer
	Baskets
<i>25sx on surface pipe at 300 psi</i>	AFU Inserts
	Float Shoe
<i>25sx to top off 4 1/2 at 300 psi</i>	Latch Down

	Pumptrk Charge	Tax
	Mileage	Discount
		Total Charge
X Signature <i>Allen Hammer</i>		