

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 1104

Cell 785-324-1041

Date	9-20-18	Sec.	30	Tap.	16	Range	10	County	Ellsworth	State	Ks	On Location		Finish	12:30 AM
Location													Wilson S to Q Rd, Ks, Els		

Lease	Harlow		Well No.	1-30		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.									
Contractor	Southwind #2						Charge To	Panley oil								
Type Job	Longstring		Hole Size	5 7/8"		T.D.	3450'		Street							
Csg.	5 1/2" New 15.50#		Depth	3430, 35'		City	State									
Tbg. Size			Depth			The above was done to satisfaction and supervision of owner agent or contractor.										
Tool			Depth			Cement Amount Ordered	175 Com 10% Salt 5% Giberite									
Cement Left in Csg.	30.58'		Shoe Joint	30.58'		500 gal Mud Clear 48										
Meas Line			Displace	81 BLS		Common	125									

EQUIPMENT		
Pumptrk	17 No.	Cementor Helper David
Bulktrk	14 No.	Driver Jack
Bulktrk	p.u. No.	Driver Rick

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers ~~supplied~~ 1, 3, 5, 7, 9, 11, 13, 15

Baskets 4

D/W or Port Collar pipe on bottom break circulation pump 500 gal mud clear 48 plug Rathole w/ 305x. Hook to 5 1/2" casing + mix 145x cement. Shut down wash pump + lines Displaced plug w/ 81 BLS of H₂O. Released + held.

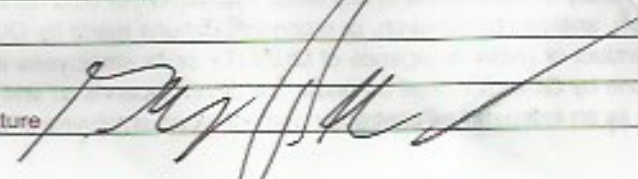
Lift pressure 600 #

Land plug to 1500 #

Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	15
Flowseal	
Kol-Seal	750 #
Mud CLR 48	500 gal
CFL-117 or CD110 CAP	38
Sand	
Handling	197
Mileage	

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	8
Baskets	1
AFU Inserts	
Float Shoe	1
Latch Down	1

Pumptrk Charge	prod string
Mileage	34

X Signature 

Tax	
Discount	
Total Charge	