

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 1551

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-16-19	7	18	14				
Location				Osborne 388 cord W to 2300E			
Lease Thornburg			Well No. #1	Owner D info.			
Contractor MacFin Drllg			To Quality Oilwell Cementing, Inc.				
Type Job Port Collar			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.	2819'		Charge To Bruce Oil Company		
Csg. 5 1/2 #14		Depth	2812'		Street		
Tbg. Size		Depth			City State		
Tool Port Collar		Depth	1080'		The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg. 7'		Shoe Joint	7'		Cement Amount Ordered 150sc com. + 10% salt		
Meas Line		Displace	68 1/2 #14		500gal mudfl. flush		
EQUIPMENT				Common			
Pumptrk #18	No.	Cement	Helper		Poz. Mix		
Bulktrk	No.	Driver	Craig		Gel. 2'		
Bulktrk #3	No.	Driver	Doug		Calcium		
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole 303C				Flowseal			
Mouse Hole 45-153K				Kol-Seal X			
Centralizers 14x5				Mud CLR 48			
Baskets 2, 4, 6				CFL-117 or CD110 CAF 38			
D/V or Port Collar set @ 1080'				Sand			
				Handling			
* Set 5 1/2 @ 2812 - circled HR				* Mileage			
* Pump 500gal mudfl. flush				FLOAT EQUIPMENT			
* Plug Rat Hole @ 303C				Guide Shoe			
* mix 105cr + 10% salt clean line				Centralizer 4x5 1/2			
* Displace 5 1/2 latch down				Baskets 4x5 1/2			
@ 68 1/2 #14 @ 1500 psi.				AFU Inserts			
* Release back dry				Float Shoe 1x5 1/2			
* WASH clean				Latch Down 1x5 1/2			
				1x5 1/2 port collar			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			
Signature <i>Lenhart</i>							

Thanks

X Signature