

QUALITY WELL SERVICE, INC.

7163

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	7-11-19	Sec.	10	Twp.	32S	Range	23W	County	Clark	State	Ks	On Location		Finish	
Lease	Bouziden Unit			Well No.	3-10			Location	Ashland Ks 1W 5th W 1/4						
Contractor	DUKE Delg 2g '1							Owner	To Quality Well Service, Inc.						
Type Job	Cnd							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	17 1/2			T.D.	97'			Charge To	Mull Drilling Company Inc						
Csg.	13 3/8 48'			Depth	76'			Street							
Tbg. Size				Depth				City	State						
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	15			Shoe Joint	15			Cement Amount Ordered	135 sc Common						
Meas Line				Displace	10.37			21 FEL 3 1/2 CC 1/2 PS							
EQUIPMENT															
Pumptrk	8 No.						Common	135 sc							
Bulktrk	10 No.			JAKE			Poz. Mix								
Bulktrk	No.						Gel.	254 lbs							
Pickup	No.						Calcium	381 lbs							
JOB SERVICES & REMARKS								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal 67.5 lbs							
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Run 2 #16 13 3/8 48' set d 81								Sand							
CS6 on Bottom Hook up to CS6								Handling 143							
Break Circ W/lers								Mileage 65/9295							
START Pumping H2O 10 min								FLOAT EQUIPMENT							
START Mix Pump 135 sc @ 14.9 1/4 in								Guide Shoe							
START Disp								Centralizer							
12.4 13 1/2								Baskets							
Close Valve on CS6								AFU Inserts							
Good Circ thru 103								Float Shoe							
circ cut to RT								Latch Down							
								SERVICE SUPV 1 EA							
								LNV 65							
Thank you								Pumptrk Charge Cond							
PLEASE CALL AGAIN								Mileage 130							
TODAY TO JAKE															
Signature								Tax							
								Discount							
								Total Charge							

QUALITY WELL SERVICE, INC.

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6618

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410
Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	7-12-19	Sec.	10	Twp.	32	Range	23	County	CLARK	State	K.S.	On Location	4:45 AM	Finish	
Lease	BOWZDEN		Well No.	3-10		Location additional 1w bar used site									
Contractor	Mull Drilling					Owner Mull Drilling									
Type Job	Surface					To Quality Well Service, Inc. 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	12 1/2		T.D.	620'											
Csg.	8 1/2		Depth												
Tbg. Size			Depth	Charge To Mull Drilling											
Tool			Depth	Street 1900 N Waterfront PKWY Bldg 1200											
Cement Left in Csg.			Shoe Joint	City WICHITA State K.S.											
Meas Line			Displace	36.75		The above was done to satisfaction and supervision of owner agent or contractor.									
				Cement Amount Ordered		125 sl max 3 1/2" 1/2" PS									
				EQUIPMENT		150 Common 2 1/2" Gel 3 1/2" 1/2" PS									
Pumptrk	6	No.	Rich		Common 150 sl										
Bulktrk	10	No.	TV		Poz. Mix 125 sl										
Bulktrk	11	No.	Water		Gel. 282 lbs										
Pickup		No.			Calcium 776 lb										
				JOB SERVICES & REMARKS		Hulls									
Rat Hole					Salt										
Mouse Hole					Flowseal 137.5 lb.										
Centralizers					Kol-Seal										
Baskets					Mud CLR 48										
D/V or Port Collar					CFL-117 or CD110 CAF 38										
				pumped 10 BBL H2O		Sand									
				125 sl max 3 1/2" 1/2"		Handling 299									
				Pump with 150 sl 5		Mileage 65/9555									
				Tail cement Disp 36.75		89lb FLOAT EQUIPMENT									
				shut in 4 1/2 H		Guide Shoe									
				Gell 1" in 8 min		Centralizer									
						Baskets 2 EA									
						AFU Inserts 1 EA BOFFIE Plate									
						Float Shoe 1 EA WOODS AUG.									
						Latch Down									
						SERVICE SPI 1 EA									
						LMV 65									
						Pumptrk Charge SURFACE									
						Mileage 195									
												Tax			
												Discount			
												Total Charge			
X Signature <i>Alb. Cook</i>															



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	Mull Drilling Company	Cement Pump No.:	37223 19572 14HRS	Operator TRK No.:	78868	
Address:		Ticket #:	1718 19537 L	Bulk TRK No.:	19827 37725 Oscar 19827 37725	
City, State, Zip:		Job Type:	Z42 - Cement Production Casing			
Service District:	1718-Liberal KS	Well Type:	OIL			
Well Name and No.:	Bouziden #3-10	Well Location:	10,32,23	County:	Clark	
				State:	Ks	
Type of Cmt	Sacks	Additives		Truck Loaded On		
50/50 Poz	285	10%Salt, .5 Defoamer, 5%Gypsum, .5 Fluid Loss, 5#Gilsonite, 2%Gel		19827 37725 Oscar	Front Back	
				19827 37725	Front Back	
					Front Back	
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	13.8	1.52	6.64	433.2	TT Man Hours: 42	
Tail:					# of Men on Job: 3	
Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Description of Operation and Materials	
			T	C		
			Pressure(Psi)			
			Tubing	Casing		
11:00am					Arrived at location	
15:30pm					Spot trucks/Rig up	
17:08pm				2500	Pressure test lines to 2500psi	
17:10pm	3	23		zero	Pump 23bbbls of ultra flush	
17:30pm	3	13		zero	Pump 13bbbls to fill rat and mouse hole	
					from 50sks at 13.8lbs	
17:41pm	6	63		30	Pump 63sks of cement from 235sks at 13.8lbs	
18:02pm					Shut down/Drop plug/Wash pump and lines to pit	
18:13pm					Start Displacement of 125bbs of H2O/per comp.man	
18:17pm	6	20		40	20bbbls gone	
18:21pm	6	40		40	40bbbls gone	
18:25pm	6	60		50	60bbbls gone	
18:29pm	6	80		50	80bbbls gone	
18:33pm	6	100		600	100bbbls gone	
18:36pm	6	115		500	115bbbls gone/Slow down rate	
18:38pm	3	125		1200	Bump plug/Hold pressure for 5 minutes	
18:43pm					Release pressure to check if float holds	
					Pressure test casing for 15minutes with psi	
					Rig down	
					Job completed	
					Thanked company man and rig crew	
Size Hole	7 7/8	Depth	5424		TYPE	Latch down baffle
Size & Wt. Csg.	5 1/2 17#	Depth	5427.37	New / Used	Latch Down	5388.37
Landing Psi	500+	Depth			Retainer	Depth
Shoe Joint	39	Type			Perfs	CIBP
Customer Signature: <i>X W L</i>				Basic Representative: Victor A. Corona		
				Basic Signature: <i>Victor A. Corona</i>		
				Date of Service: 7/22/2019		