

# QUALITY WELL SERVICE, INC.

6956

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	Sec.	Twp.	Range	County	State	On Location	Finish
10-21-18				Pratt	Ks		
Lease	Clark-Fadley	Well No.	1-15	Location	Pratt N to BIKTOP 1 E 1/2		
Contractor	Pickrell	Drill Rig #	10	Owner	WSM		
Type Job	8 5/8			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 1/4	T.D.	310'	Charge To	Deutch Oil Co.		
Csg.	8 5/8 23"	Depth		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg.	25	Shoe Joint	25	The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace	18.	Cement Amount Ordered	325 & 6040 21.66L		
<b>EQUIPMENT</b>				31CC 1/2' P.S			
Pumptrk	8 No.	T-J		Common	195 + 15 - 70 POFF 210		
Bulktrk	7 No.	JAKE		Poz. Mix	130		
Bulktrk	No.			Gel.	165		
Pickup	No.			Calcium	110		
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal	1125 163		
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
Run 7 H's 8 5/8 23" set				Sand			
Csg on Bottom Hookup to Csg.				Handling	347 342 15 = 355		
Break circ w/alg				Mileage	20 / 6800		
START Ramping #20					8 5/8 FLOAT EQUIPMENT		
START m.c. Rmp 325 & 6040				Guide Shoe	WOODEN Plug		
21.66L 31.00 1/2' PS @ 14.7" P.C.L				Centralizer			
SHUT DOWN RELEASE 8 5/8 WOODEN Plug				Baskets			
START DISP				AFU Inserts			
Plug down 31.15				Float Shoe			
Close valves on Csg				Latch Down			
				SERVICE SUPERVISOR			
Good Cell thru J03				LMV 20			
Cell out to Rd				Pumptrk Charge	DUE FEE		
				Mileage	40		
Thank you PLEASE CALL AGAIN TOMORROW JAKE							
Signature						Tax	
						Discount	
						Total Charge	

pass arising out of or in connection with the performance of legal actions or legal services, overriding royalty or compensation.



energy services, L.P.

Prop. *CASINE*

**TREATMENT REPORT**

Customer <i>Deutsch Oil Company</i>	Lease No.	Date <i>10/28/2018</i>
Lease <i>Clark Frigley</i>	Well # <i>1-5</i>	
Field Order # <i>17363</i>	Station <i>Pratt</i>	County <i>Pratt</i>
Type Job	Formation <i>TD-4205</i>	State <i>KS</i>
	Casing <i>5 1/2</i>	Depth <i>4200</i>
		Legal Description <i>5-265-11W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>				Pre Pad	Max		5 Min.	
Depth <i>4200</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>100</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>1500</i>	Max Press	From	To	Flush <i>Water</i>	Gas Volume		Total Load	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>4164</i>	Packer Depth	From	To					

Customer Representative *Dave Poley* Station Manager *Justin Westerman* Treater *Darin Franklin*

Service Units	<i>92911</i>	<i>84980</i>	<i>20920</i>	<i>70959</i>	<i>19862</i>				
Driver Names	<i>Darin</i>	<i>Ed</i>	<i>Ed</i>	<i>Darin</i>	<i>Darin</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:00am</i>					<i>On location / safety meeting</i>
					<i>175sk MAZ Cement, 10% salt, 0.5pps defoamer</i>
					<i>0.3% friction reducer, 0.4% fluid loss</i>
					<i>5pps G. 750, 15.3pps, 1.36 vol. 1, 5.5Z water</i>
<i>3:45pm</i>	<i>200</i>		<i>3</i>	<i>5</i>	<i>Pump 3 bbls water</i>
	<i>200</i>		<i>12</i>	<i>5</i>	<i>Pump 12 bbls flush</i>
	<i>200</i>		<i>3</i>	<i>5</i>	<i>Pump 3 bbls water</i>
	<i>200</i>		<i>42</i>	<i>5</i>	<i>mix 175 sk cement</i>
					<i>shut down</i>
					<i>Wash pump &amp; lines &amp; Release Plug</i>
<i>4:05pm</i>	<i>100</i>		<i>0</i>	<i>6</i>	<i>Start displacement</i>
	<i>400</i>		<i>67</i>	<i>6</i>	<i>Lift Pressure</i>
	<i>600</i>		<i>90</i>	<i>3</i>	<i>slow rate</i>
<i>4:21pm</i>	<i>1500</i>		<i>94</i>	<i>3</i>	<i>Bump plug</i>
					<i>Flow - Held</i>
	<i>0</i>		<i>7</i>	<i>3</i>	<i>Plug Rest hole</i>
<i>4:45pm</i>					<i>Job complete / Darin &amp; crew</i>
					<i>Thank you!!</i>