

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**Form must be Typed**

**Form must be Signed**

**All blanks must be Filled**

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or Recompletion Date \_\_\_\_\_

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Scale 1:240 (5"=100') Imperial  
 Measured Depth Log

Well Name: Marla #4  
 API: 15-151-24428  
 Location: T30S R15W Sec 5, E2 W2 E2  
 License Number: 33936  
 Spud Date: 05/02/2022  
 Surface Coordinates: Latitude: 37.46353 Longitude: -98.980917  
 Bottom Hole Coordinates: Vertical Wellbore  
 Ground Elevation (ft): 2005' K.B. Elevation (ft): 2010'  
 Logged Interval (ft): 3800' To: 4850' Total Depth (ft): 4850'  
 Formation: Ordovician (Simpson) @ RTD  
 Type of Drilling Fluid: Mud-Co. Chemical Drispac - Displaced @ 2865' w/ 700 bbls  
 Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

Company: Griffin Management, LLC  
 Address: 126 S. Main  
 Pratt, KS 67124

**GEOLOGIST**

Name: Eli J. Felts  
 Company: Griffin Management, LLC  
 Address: 126 S. Main  
 Pratt, KS 67124

**Drilling Report**

7/13/2022  
 Spud @ 4:30 PM  
  
 7/14/2022  
 WOC @ 261'  
  
 7/15/2022  
 Drilling @ 2075'  
  
 7/16/2022  
 Drilling @ 3075'  
  
 7/17/2022  
 Drilling @ 4040'  
  
 7/18/2022  
 Drilling @ 4678'  
 Bit Trip @ 4680'  
 RTD 9:45PM @ 4850'  
  
 7/19/2022  
 MW Wireline Logged 4-7:30 AM  
 Run Casing  
  
 7/20/2022  
 Rig Released 1:15 AM

**Problems**

Bit Trip @ 4680'

**Pipe Setting**

8.625" 23# set @ 261' w/ 210 sxs  
 5.5" 15.5# set @ 4849' w/ 145 sxs

Lithology	MD	Rate of Penetration ROP (min/ft) Gas (units)	Geological Descriptions	DS/MS/Surveys, etc.
	3850		LS - cream to white w/ some yellowstained edges, med xln w/ sl dolomitic xln; foss w/ poor to fair foss/xln pores; highly chalky in some; trans argillaceous grey; few stringers dark shale	
	3900		SH - deep grey & brown to black, mottled in some, carbonaceous some partly fissile; vis laminations w/ slight show gas	
	3917 (-1907)		SH - dark brown to black, earthy organic & carbonaceous; fissile w/ vis laminations in some; show gas; Heebner Shale, flood soft white chalk; Some LS - cream & grey, fn-med xln; partly foss, argillaceous in many	
	3960		SH - abdt dark; transition to heavily pyritic; others lt grey to brown, silty, med firm w/ smooth texture; some LS - cream to grey/brown, sm green, shaley edges argillaceous in some; some v. fine to micro-xln, grey/brown; shaley ip; no odor, ns	
	3960		LS - flood white to cream, fn xln in most w/ some xln to foss tature; well compacted in some, dense, chippy breaks; others highly chalky & soft	
	4000		SH - dark/black carbonaceous; & light to medium grey w/ abdt sand content & dark speckled & streaked mineral & shale inclusions; appears dark, micaceous flecks & carb shales intbd; no odor, ns	
	4000		SH - dark/black carbonaceous; & light to medium grey w/ abdt sand content & dark speckled & streaked mineral & shale inclusions; appears dark, micaceous flecks & carb shales intbd; no odor, ns	
	4000		Flood shaley SS - lt grey, fn to medium qtz, frosted; sb rounded & well sorted; fair to good frab; barren; no odor; no fluor; ns; abdt shales, mst lt-med grey w/ black speckled/streaked incls	
	4050		SH - flood med grey, silty; firm w/ sl slippery tature on break; some SS - appears wht to lt cream, fine grained, well med & sorted; tightly cemented; some dark speckled inclusions; barren w/ dense crush; no odor, ns; abdt LS - cream to wht; fine to med xln; highly foss; chalky	
	4050		SH - pale to medium grey, some dark speckled mineral incls; mostly med soft & silty; decreasing sandy stringers w/ traces pyrite	
	4100		95% SH - silty grey; mst smooth tature, traces speckled black w/ micaceous to carb incls ip; oa smooth lithographic, med-sl firm; rare pieces LS - brown, fine to microxln; v. dense; imbedded foss; smooth tature; no vis pores	
	4100		75% Douglas Shale' LS - cream & tan to brown, v. fine to microxln, abundantly foss w/ some argillaceous appearance; no vis xln or intrafoss pores, v. dense & blocky, some LS - cream to white, fn-med xln w/ sl xln & intrafoss tature; softer w/ sl chalky break; no odor; no shows	
	4100		LS - cm to lt grey, tan & brown; heavily foss w/ well compacted foss & sl xln pores; smooth micritic tature & break; dense to chalky break; no odor, ns	
	4150		LS - cream to white, fn to med xln; abt foss, chalky; fair vis intrafoss porosity, some xln w/ slight scattered staining & fluor; fair odor; poss show condensate w/ trace pinpoint v. lt oils	
	4150		LS - cream to pale grey & white, fn-med xln in most, smooth to partly foss, highly chalky w/ some fair vis xln pores & frab; trailing odor is still fair w/ decreasing fluor & stain; abdt shales; no odors	
	4200		LS - cm to lt grey & abdt chalky white, fn to med xln; & some v. fn to micritic; some vis re-xln w/ mostly dense to partly foss, chalky in majority pcs; no odor; no shows; abdt SH - med grey, lt green, silty	
	4200		LS - cream to tan w/ some brown mineral staining; fn-med xln w/ highly chalk; few scattered Chert, lt grey & white w/ some foss incls; vitreous & sharp; questionable fractured pores in part; overall smooth & fresh	
	4250		LS - cm to tan & brown, fn to med xln; oatmeal tature; argillaceous to chalky; foss in some w/ poorly dev intra foss pores; abdt chalky to shaley break; some loose grey shale	
	4250		LS - cream, lt tan & brown; fine & med xln; foss & chalky tature; marbled w/ interbedded chert in many (varicolored greys/tans) vitreous & sharp w/ white & lt grey foss; sm scattered mineral staining, fair frab w/ no live shows; no odor	
	4250		LS - mstly cream to lt tan, grey; fn & med xln; chalky in most w/ fair to good frab; abdt cherty still carries, lt tan to grey, blocky fresh vitreous & very dense; some interbedded/non lithographic; couple pcs LS - tan, heavily foss w/ good intrafoss porosity; fair frab	
	4300		LS - cream to white & pale, mst fn-med xln w/ chalky appearance; 30% w/ interbedded & abdt loose CH, vitreous, mst clean CH; dense, no vis pores	
	4300		LS - cm to tan, grey, sm whit; fn-med xln w/ xln to chalky & sl argillaceous tature; dense & blocky w/ some vis foss; poorly dev intrafoss pores; trans cherty in part; trans chalky increasing; scattered SH - pale green-grey & brown, silty	
	4350		LS - cream to white, few lt grey, fine xln w/ chalky break throughout majority of outtings; few fossiliferous tature w/ fair intrafoss pores; poorly friable w/ increasing density & resistance to crush; shale stringers throughout (pale green, grey, lt brown)	
	4350		LS - cream to white fn to med xln; heavily chalky tature w/ abdt loose gobs soft sticky white chalk; scattered oolitic & ooc porosity; poorly developed; sl firm; poorly frab; no odor, ns; abdt stringers SH - grey to dark, sm green	
	4350		LS - mst cream to beige, fn to med xln, chalky tature in many w/ oa smooth tature, soft breaks w/ sl frab txt; chalky matrix; rare interbedded shale, pale grey; lithographic sample overall; cup washes white	
	4400		LS - cream to white, fn xln to w/ lithographic chalky appearance; mostly soft & loosely packed; traces black carb shales (some visible contacts)	
	4400		LS - cream to lt grey, fn & med xln; sl foss in part; oa smooth w/ some vis xln dev, appears slightly dolomitic, moderate friability w/ barren, chalky break; fairly lithographic; flood gummy white chalky material	
	4408' (-2398')		SH - ~15% dark brown to black, earthy & carbonaceous w/ some foss incls; fissile, cream to lt brown, fn to med xln; chalky in part; no odor; no show oil	
	4450		LS - mostly cream w/ some lt grey, fn to med xln, sm transitional micritic; smooth glassy ip w/ overall limited vis xln pores; most lithographic, limited vis xln pores; rare pcs w/ re-xln fractures, sparite dev in v. small wells; edge shale contacts w/ traces carb shales (decreasing) & some lt grey/pale green silty shales	
	4450		SH - flood deep grey & few black - carbonaceous, w/ vis laminations/layer transition, earthy & organic, soft crush - slight show gas bubbles; pyritic; some LS - cm grey, micritic to cherty; blocky w/ shaley edges	
	4500		LS - mst cream, fn-med xln, marbled tature, sm fn to microxln-sb cherty; smooth to chalky tature in most w/ med vis pores; no shows; abdt pcs w/ dark stained edges (shale contacts) & light grey & blue green shale stringers; partly limy; in bnd streaks	
	4500		SH - flood varicolored greys/blue-grey w/ some mottled green, silty w/ some interbedded lime, foss; med soft break; LS - tan to brown, fn-med xln; highly foss w/ micritic, brittle break; shaley; no show	
	4500		Flood SH - varicolored shades of grey, green & black - mottled in many, silty & soft, some LS - cream to tan, brown w/ some green mineral staining; v. fn to microxln; blocky & dense & highly foss; in bnd shales	
	4550		SH - flood varicolored shales w/ sm in bnd LS; SH - shades grey & green, maroon, purple, mottled to streaked; some darker; most shale is silty w/ in bnd foss; in bnd LS - cream to lt tan, fn to micritic; some w/ slight brown staining in pp porosity; no odor, no fluor	
	4550		LS - most cream w/ some pale grey & sm speckled w/ brown to black spntd stain; fn to v. fine xln, micritic in some; oa dense & blocky w/ poorly dev xln vis pores fair dev dissolution/pinpoint porosity w/ dark webbed to pp staining; residual dead oil - some appears as free droplets; no odor no fluor, ns "live" oil	
	4600		LS - cream to lt tan/caramel colored - some w/ pale green staining; v. fine to microxln; smooth w/ partly argillaceous; mst micritic & dense; some vis fracturing, argillaceous in some & app trans SH; green to grey; interbedded in some; some LS appears pale grey/tan w/ argillaceous tature; v. dense	
	4600		SH - varicolored grey-green & dark; mottled, some speckled w/ sand & lime; foss in part; LS - cream to lt brown, fn xln w/ some foss tature & porosity; 2 pos w/ saturated stain & show oil; light fluor in 1-2 pcs; quest odor	
	4650		SH - globs rusty red & pale grey, soft gummy; cup washes red; traces SS - appear lt green clusters w/ some dark stain; med grain, sub round to partly angular frosted qtz; trace stain w/ slight residual show	
	4650		SH - varicolored; reds, maroon, yellow, grey, black; mottled & reworked; conglomerate; few pcs LS - cream to brown, fn-v. fine xln w/ some dissolution weathering, appers tripp in part w/ ss residual & dark oil; cavings from Ft Scott/Mamm	
	4650		CH - flood milky white; opaque to semi-transparent; some edges brown & black; mostly vitreous, dense w/ some edge fractured & tripolitic; trace dolomitic on couple edges w/ sl std stain; slight show free oil; v. spotty/2-3% dull yellow floor, faint odor	
	4700		Dolomite LS - cream w/ pale yellow to pale green hue; fine xln sucrosic tature w/ fair friability; highly chalky break; no odor, ns; abdt shale cavings from bit trip dominate sample	
	4700		Dolo Lime - cream to buff; highly chalky; some CH - varicolored, mst bone to yellow, vitreous to partly weathered; some interbedded shales; mst pale green, some mottled w/ grey/black & maroon; no odor; rare spotted floor (5-7 specks; does not float)	
	4700		Dolomite - cream to lt tan w/ partial stain; fn xln sucrosic w/ some med xln dev; fair to good vis xln pores in part w/ some dissolution; ~25% fluery in matrix w/ vitreous to weathered tature; good odor in cup ~25% overall fluery	
	4750		Dol - cream to lt tan, increase med xln; good vis xln pores w/ some re-xln & dissolution; good odor; salt stain & shows live free oil - lt golden	
	4750		Dolomite - most cream, fine xln sucrosic in most; scattered shows free oil popping w/ partial stain; slight decrease visible xln porosity w/ fairly well compacted dolomite; increasing Chert %; shows decline to fair, odor good, fluor ~40%	
	4800		Dol - cream to lt grey, fine xln sucrosic w/ chalky to limy makeup in some, scattered bone white vitreous CH, few pos cream to tan w/ fn xln sucrosic, w/ good frab oa; barren in 75%; few pos w/ shows appear cavings	
	4800		Dol - grey to white, fn xln sucrosic, v. soft to chalky & gummy, trans CH - cm to lt grey, bone; opaque to semi-transparent; dense & blocky, glassy break; cup won't wash clean from gummy white/grey residue; trace stringers shales; green, grey some dark	
	4800		Dolomite - tan to brown, fine xln sucrosic; fair vis xln pores w/ soft to chalky break; trans LS - pale grey to tan, fine to microxln; v. dense sm speckled black; flood CH - bone white vitreous; blocky sharp fresh; no odors	
	4850		SH - flood turquoise green, smooth & waxy to slippery tature; well compacted, firm to fissile break	
	4850		SH - turquoise green & grey, mottled & streaked; silty to waxy, soft; sm interbd foss; abdt pyrite inclusions; v. little interbedded SS - frosted fine grained qtz; well round & sorted; shalebound	

# QUALITY WELL SERVICE, INC.

8026

Federal Tax I.D. # 481187368

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

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-13-22	5	30S	15W	Barber	Ks		
Lease	MARLA	Well No.	4	Location			
Contractor	MURFIN DELG RIG #104			Owner			
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 1/4	T.D.	261'	Charge To			
Csg.	85/3 23"	Depth	260'	Griffin			
Tbg. Size		Depth		Street			
Tool		Depth		City State			
Cement Left in Csg.		Shoe Joint	25	The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace	15.04	Cement Amount Ordered 3005# Common			
<b>EQUIPMENT</b>				2 1/2 GEL 37. CC 1/2" PS USED 210 S			
Pumptrk	8	No.		Common 210 S			
Bulktrk	15	No.		Poz. Mix			
Bulktrk		No.		Gel. 395#			
Pickup		No.		Calcium 592#			
<b>JOB SERVICES &amp; REMARKS</b>				<b>FLOAT EQUIPMENT</b>			
Rat Hole				Hulls			
Mouse Hole				Salt			
Centralizers				Flowseal 105#			
Baskets				Kol-Seal			
D/V or Port Collar				Mud CLR 48			
Run 6 #1's 85/3 23" CSG SET @ 260'				CFL-117 or CD110 CAF 38			
START CSG CSG ON BOTTOM				Sand			
HOOK UP TO CSG & BREAK CIRC W/ RIG				Handling 226			
START PUMPING H2O				Mileage 25 / 5650			
START MIX # PUMP 210 S# COMMON							
2 1/2 GEL 37. CC 1/2" PS @ 14.8# / GAL				Guide Shoe			
START DISP				Centralizer			
PLUG DOWN 15 Bbls out				Baskets			
CLOSE VALVE ON CSG 150#				AFU Inserts			
GOOD CIRC thru JOB				Float Shoe			
CIRC CMT TO PIT				Latch Down			
				SERVICE SUP 1 EA			
				LMV 25			
THANK YOU				Pumptrk Charge SURFACE			
PLEASE CALL AGAIN				Mileage 50			
TODD MIKE BRYAN							
Signature				Tax			
				Discount			
				Total Charge			

# QUALITY WELL SERVICE, INC.

8029

Federal Tax I.D. # 481187368

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

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

Date	7-19-22	Sec.	5	Twp.	30S	Range	15W	County	Barber	State	Ks	On Location	Finish
Lease	MARIA	Well No.	4	Location									
Contractor	Martin DRIG. R.G #104	Owner											
Type Job	5 1/2 LS	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	7 7/8	T.D.	4850'	Charge To									
Csg.	5 1/2 15.5	Depth	4853.33	Gel. find									
Tbg. Size		Depth		Street									
Tool		Depth		City State									
Cement Left in Csg.		Shoe Joint	20.89	The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line		Displace	114.97	Cement Amount Ordered 175 gal 2% CEL 10% SAH 5% K/S SEAL									

**EQUIPMENT**

Pumptrk	8	No.		Common	175
Bulktrk	10	No.		Poz. Mix	/
Bulktrk		No.		Gel.	329"
Pickup		No.		Calcium	✓

**JOB SERVICES & REMARKS**

Rat Hole	30 sc	Hulls	
Mouse Hole		Salt	964"
Centralizers	1-2-3-4-5-6-7	Flowseal	44"
Baskets		Kol-Seal	975"
D/V or Port Collar		Mud CLR 48	500 Gal
Run 115 #1 5 1/2 15.5' CSG SET @ 4849'		CFL-11.7 or CD-110-CAF-38- C/6A	99"
START CSG CSG ON BOTTOM! TAG		Sand CC-1 9 GNL C41P 41"	
Hook on to CSG! BREAK CIRC W/ RIG		Handling	217
DEEP BOLL! CIRC W/ RIG		Mileage	25/5425
START PUMPING D/411H3 12 B/111F D/36 H2		5 1/2 FLOAT EQUIPMENT	
START P/16 12 H 30 sc		Guide:Shoe H: 17	1 EA
START MIX 4 CSG 145 gal PROC @ 14.8%/GAL		Centralizer	7 EA
SHUT DOWN WASH/TEK RELEASE 5 1/2 LO P/14		Baskets	
START DISP W/ 2% KLL		AFU Inserts	
LEFT PSI 99 @ 550"		Float Shoe	1 EA
PLUG DOWN 116 @ 1100"		Latch Down	1 EA
PSI up on CSG 1700"		SERVICE S/1	1 EA
RELEASE! HELD 1/2 351 BACK		IMV 25	
CROSS CIRC THRU JOB		Pumptrk Charge	LS
THANK YOU		Mileage	50

Signature		Tax	
	PLEASE CALL AGAIN TOM MICE	Discount	
	BRADY	Total Charge	