KOLAR Document ID: 1661502

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 # 33936
Name: Griffin, Charles N.
Address 1: 126 S MAIN ST
Address 2:
City: PRATT State: KS Zip: 67124 + 2711
Contact Person: Charles N. Griffin
Phone: (620) 672-9700
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Eli J. Felts
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 #:

5/2/2022 Spud Date or Recompletion Date
5/6/2022 Date Reached TD
5/11/2022 Completion Date or Recompletion Date

API No.: 15-007-24416-00-00
Spot Description:
NE - NW - SW - NE Sec. 5 Twp. 30 S. R. 15 ☐ East ☑ West
1465 Feet from ☑ North / ☐ South Line of Section
2115 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: BREANNA Well #: #3
Field Name:
Producing Formation: Ordovician
Elevation: Ground: 1998 Kelly Bushing: 2003
Total Vertical Depth: 4904 Plug Back Total Depth: 4881
Amount of Surface Pipe Set and Cemented at: 263 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: 36000 ppm Fluid volume: 5000 bbls
Dewatering method used: Evaporated
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: 08/22/2022
☐ **Confidential Release Date:** 08/21/2024
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** David Befort **Date:** 08/25/2022

Page Two

Operator Name: Griffin, Charles N. Lease Name: BREANNA Well #: #3

Sec. 5 Twp. 30 S. R. 15 ☐ East ☑ West County: Barber

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

CNL/CDL
Dual Induction
Micro

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3922	-1919
Lansing	4106	-2103
B/KC	4496	-2493
Cherokee	4600	-2597
Viola	4678	-2675
Simpson Shale	4807	-2804

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	263	Common	275	2%gel 3%cc
Production	7.875	5.5	15.5	4904	Pro C	145	10# salt, 2% gel, 5# Koseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 5/17/2022	Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	4714	4722

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	4714	4722			1500 gals 15% MCA acid and 28 bbls KCL flush water

TUBING RECORD:	Size:	Set At:	Packer At:
	2.875	4746	

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	BREANNA #3
Doc ID	1661502

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	263	Common	275	2%gel 3%cc
Production	7.875	5.5	15.5	4904	Pro C	145	10# salt, 2% gel, 5# Koseal

GRIFFIN MANAGEMENT, LLC
126 S. Main, Pratt, KS 67124
620.672.9700

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name:	Breanna #3
API:	15-151-24416
Location:	T30S R15W Sec 5, NE NW SW NET30S R15W Sec 5, SE NW NE SE
License Number:	33936 — Region: Barber County, KS
Spud Date:	05/02/2022 — Drilling Completed: 05/06/2022
Surface Coordinates:	Latitude: 37.466293 Longitude: -98.982479
Bottom Hole Coordinates:	Vertical Wellbore
Ground Elevation (ft):	1998 — K.B. Elevation (ft): 2003
Logged Interval (ft):	3800 To: 4880 — Total Depth (ft): 4880
Formation:	Ordovician (Simpson) @ RTD
Type of Drilling Fluid:	Mud-Co. Chemical Drispac - Displaced @ 2861-83' 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
316.765.4070

Drilling Report

5/2/2022
Spud @ 11:45 AM
Set Surface - Plug down @ 6 PM

5/3/2022
Drilling @ 625'

5/4/2022
Drilling @ 2861'

5/5/2022
Drilling @ 3878'

5/6/2022
Drilling @ 4690'
RTD 4900' @ 4 PM

5/7/2022
MW Wireline Logged 1:30 AM to 4:45 AM
CTCH @ 7AM
LDDP
Run Production Casing - Plug Down @ 4:30 PM
Released Rig @ 8:30 PM

Problems

No DSTs
No Bit Trips

Pipe Setting

8.625" 23# Set @ 263' w/ 275 sxs
5.5" 15.5# Set @ 4904' w/ 175 sxs

Geological Descriptions

LS - cream, grey & white, mst fine xln, argillaceous to chalky txture; traces brown to dark mineral staining - gilsonitic

LS - cream to lt grey, white, mst fn & chalky, sm sl argillaceous; foss ip; no vis foss or xln pors; traces shales; grey to brownsilty soft, partly foss & few black - carb

LS - cream, grey & white, fn xln in most w/ chalky to argillaceous mtx; sl foss in part, transition shales, brown & dark grey to black; v. soft crush (sub-carb) w/ no vis gas; glimmers w/ mineral content (micas)

LS - cream to buff & white transitional, mst fn-med xln, friab w/ fair pors ip, dark brown staining; barren; heavily chalky w/ buff to white soft chalk; no odor, ns ; trace pcs CH, white w/ brown & grey; vitreous, dense

LS - cream to wht,highly chalky in most, fn to med xln;fair to good vis xln pors; 2ndary rexln ip, fair friab, barren, w/ chalky break; traces shale, grey to brown

LS - cream to white & lt grey, fn, w/ pred med xln w/ fair to good xln dev; semi-translucent xln por; barren,highly chalky break; no odor, no stain, no show; few pcs dark grey to black shales; v. soft & silty, non-friable

SH - flood dark brown, earthy & organic, soft to partly fissile; carbonaceous

SH - deep grey to black, carbonaceous, soft to partly fissile; vis laminations w/ slight show gas, LS - crm to grey, v. fine to microxln w/ few vitreous CH - sharp edges & dense

SH - dark brown to black, earthy organic & carbonaceous; fissile w/ vis laminations in some; show gas; Heebner Shale; flood soft white chalk

SH - flood grey shales, light to medium grey w/ abdt sand content & dark speckled & streaked mineral & shale inclustion; appears dark, micaceous flecks & carb shales intbd; no odor, ns

SH - as above w/ flood SS - lt grey, fn to medium qtz, frosted; sb rounded & well sorted; fair to good friab; barren; no odor; no fluor, ns

SH - as above, pale grey w/ black incls; mostly med soft & silty; abdt sandy stringers w/ traces pyrite; some LS - tan to brown w/ pale green hue, fn to micro-xln w/ interbedded shale & few/ glauconitic; foss in many (no vis pors); traces pale grey globs shale

SH - flood silty grey, mst smooth txture, traces speckled black w/ micaceous to carb incls ip; ~15%

LS - crean & tan to brown, v. fine to microxln, some foss, v. dense & blocky; difficult to crush w/ tweezers; makes up >10% of sample; w/ mostly shales remaining

LS - cream to grey & white; fn to med xln & some argillaceous; abdt foss, mst fusilinids & oolites; poorly visible pors; abdt shaley; no shows

LS - cream to white, pale grey, fn to med xln; sm foss, highly chalky; fair vis pors, mst foss, some xln w/ slight scattered staining & fluor, heavy odor, poss show condensate w/ trace pinpoint v. lt oils

LS - cream to pale grey & white, fn-med xln in most, smooth to partly foss, highly chalky w/some fair vis xln pors & friab; trailing odor is still fair w/ decreasing fluor & stain; abdt shales; no odor,ns

SH - pale grey & green, silty to partly foss; soft to med firm; heavily chalky in sample cup; no odor, ns

LS - cream to tan w/ some brown mineral staining; fn-med xln w/ high % chalk; few scattered Chert, lt grey w/ some foss incls; vitreous & sharp; questionable fractured pors in part; overall smooth & fresh

LS - cream to tan, sm grey; fn & med xln w/ partly foss to xln txture; granular appearance interbedded microxln LS & some CH in part, app white, vitreous marbled; few CH - dark brown to grey w/ white foss incl; smooth, vitreous txture; blocky sharp & dense

LS - cream, lt tan & brown; fine & med xln; foss & chalky txture; marbled w/ chert in many (varicolored greys/tans) vitreous & sharp w/ white & lt grey foss; sm scattered mineral staining, fair friab w/ no live shows; no odor

LS - mstly cream to lt tan, grey; fn & med xln; chalky in most w/ fair to good fraib; increasing chert, lt tan to grey, blocky fresh vitreous & very dense; seems interbedded/non lithographic

LS - cream to pale grey, mst md xln w/ interbedded & abdt loose CH, vitreous, mst clean CH; (very simlar to sample above) noticible flood SH - pale grey, gummy soft w/ rare SH - black carb

LS - mst cream to white; highly chalky; increasing shale, globs sticky gummy grey & white, silty; no odor or shows; fair % CH remains in sample; lt tan to brown vitreous

LS - cream to white, fine xln w/ chalky break throughout majority of cuttings; some w/ increasing density & resistance to crush; shale stringers throughout

LS - cream to lt grey, varitxtured w/ mst fine xln, foss ip; partly friab w/ poor to fair vis pors; decreasing chalk, some gummy soft; no odor, ns

LS - mst cream to beige, fn to med xln, foss & chalky txture in many w/ oa smooth txture, soft breaks w/ sl friab txt; chalky matrix; rare interbedded shale, pale grey

LS - cream to white, fn xln to w/ lithographic chalky appearance; mostly soft & loosely packed; traces black carb shales *v. rare

LS - cream to lt grey, fn & med xln; sl foss;in part; oa smooth w/ some vis xln dev; moderate friability w/ barren, chalky break; fairly lithographic; traces dark grey shale, partly foss; appears sub-carb

SH - ~15% dark brown to black, earthy & carbonceous, fissile, slight show gas bubbles on edges; LS - cream to tn, fn - med xln, partly foss, chalky w/ v. sl residual staining in part; no odor, no show oil

LS - mostly cream, fn to med xln w/ overall limited vis xln pors; most platy, limited vis xln pors; few pcs w/ re-xln fractures, sparrite dev in v. small webs; edge shale contacts w/ traces carb shales (decreasing) no odor, no shows

SH - flood deep grey & few black - carbonaceous, earthy & organic, soft crush w/ slight show gas

LS - mst cream, med to fn xln, lithographic, sl dense, fn to microxln; smooth to chalky txture in most w/ lmtd vis pors; no shows; abdt pcs w/ dark stained edges (shale contacts) & light grey shale stringers, partly foss

SH - flood varicolored grey to dark grey w/ some mottled green, silty w/ some interbedded foss; med soft break; LS - tan to brown, fn-med xln; highly foss w/ micritic, brittle break; shaley; no show

Flood SH - varicolored shades of grey, green & black - some oolitic dark foss inclusions in carb shale, mottled in many, silty & soft, some LS - appears as above; cream to tan, brown, v. fn to microxln; blocky & dense & highly foss; intbd shales & chalky

SH - flood varicolored shales w/ sm intbd LS; SH - shades grey & green, mottled to streaked, some darker, sm maroon, etc; most shale is silty w/ intbd foss; intbd LS is cream to lt tan, some stained green & reds, argl ip, micritic & foss; no odor, no shows

LS - cream to pale grey & some pale green mineral staining, opaque w/ some v. sl translucent on thin pcs, sm speckled w/ brown sptted stain; fn to v. fine xln, micritic in some; oa dense & blocky w/ poorly dev xln vis pors & some fractd; trace pcs chalky white w/ dark webbed staining; residual dead oil; no odor, ns

LS - cream to lt tan; v. fine to microxln; smooth w/ partly argillaceous; mst micritic & dense; some vis hairline fractures, argillaceous in some & app trans SH; green to grey - varicolored maroon, etc, silty w/ foss & pyrite dev; no shows, no odors

LS - cream to lt grey, sm w/ pale green hue, mst fn xln w/ smooth txture, dense in most w/ sm vis fract'd & xln dev; trans argillaceous w/ vis shale contacts w/ some loose pale green shale w/ dark speckled; no odor, ns

SH - flood green w/ dark speckles & varicolored maroon, purple; CH - varicolored yellow-red, green, vitreous to partly weathered; highly transitional junky zone; *conglomerate/miss

SH - flood reddish brown silty shale * cup washes red; transition varicolored purple-green-maroon, yellow speckled streaked & mottled; 99% shaley w/ few CH pcs rare (vitreous varicolored)

SH & CH - no significant changes; no odor; no shows; 90% of sample is pulverized cuttings; powdered

SH - reddish brown, silty, pale green, trans pale green LS - some cream, white, sm pink hue, micritic to cherty in some; dense; trans CH - white w/ black trippolitic weathering; no odor, no shows; chert interbedded w/ shales; abdt edge contacts

SH - mottled red & green, silty & soft; decreasing CH - some transitional trippolitic w/ foss lime marbled; lt brown staining; no odor, no fluor; no shows

SH - greyish brown w/ dark w/ dark speckled inclusions; small foss incls; silty w/ med firm break; reddish shale replaced w/ dark green to pale, minty green shales; traces limestones, chalky

LS - white w/ pinkish & green hues in many, med xln w/ chalky & poorly compacted matrix; soft crush; abdt shales; sm pale green slivers; firm w/ sm foss, brown/purple w/ dark speckled foss incls

LS - pinkish & green hue, chalky is decreasing w/ increase in SH - green & purple/maroon to brown flood sample; some grey sl sandy limestone, rare; slight odor in cup; no fluor, no shows visible

LS - cream to buff w/ pink staining; highly chalky w/ soft, loosely compacted matrix; powders w/ light pressure; CH - cream, semi-translucent w/ light speckled incls; vitreous & blocky; dense & fresh pieces; no vis pors in CH; abdt SH - pale green & some mushy to gummy reds

LS - v. pale green, some chalky & loose w/ trans v. fine to microxln; dolomitic in part w/ poor vis xln pors; well compacted & dense; transitional CH - pale green, vitreous to dolomitic w/ tight matrix; poorly vis pors; sl chalky in some; no odor, ns

Dolomitic LS - cream w/ pale green hue in most; soft & chalky break in many w/ scattered cherts - cream to pale green, dolomitic to limey & dense

Dolomitic LS & CH - cream w/ pink to green hue; sucrosic txture w/ limey to chalky break in most; scattered shales; no odor, ns

Dolomite & CH - Dol - lt tan, fine xln w/ some xln, pp & fractured porosity; well saturated w/ good yellow fluor & good cup odor; marbled w/ CH in part; CH - weathered white w/ tan dolomite filled vugs; good oa porosity w/ fair friab in CH; oa good show free oil in tray w/ bleeding oil & gas

CH - white to lt tan w/ abdt vuggy porosity & chemically weathered, trippolitic porosity; good saturated stain w/ bleeding oil & gas bubbles; fair friability w/ increase on break; some dolomite dev intravugularly & scattered; oa 75% CH; good fluor & odor

Dol - crm to lt grey, fine xln sucrosic w/ fair vis xln pors; barren on break w/ most pcs chalky; some firm to dense; barren - no odor, no show; no fluor

Dol - lt grey, fine xln sucrosic w/ chalky to limey makeup in some, scattered bone white vitreous CH (25%) -few pcs cream to tan w/ fn xln sucrosic, w/ good friab & slight shows -appear to be contact pcs of cavings; slight shows & odor

Dol - crm to lt grey, fn xln sucrosic w/ traces md xln in few; oa fair vis xln pors, trans CH - crm to lt grey, bone; opaque to semi-translucent,vari-txture & chert/dol %

LS - crm, sm lt grey, v fn-micro xln w/ some dolomitic & cherty txture; mostly blocky & dense; some chalky break; few pcs chalky LS w/ pale green hue & trace stringers SH -pale green hue

SH - turquoise green, appears smooth, glassy, v. dense, fissile break in some; few waxy & slippery, but mostly dense; few stringers pyrite & traces sandy; no odor, ns

SS - white to lt grey, clear to frosted grains, sub rnd & srted; shalebound in most w/ much of porosity consumed by shales; few clean clusters w/ dark intragranular staining w/ fsfo on break; no odor; dull spotty yellow fluor

SS - wht to lt grey clusters; increase in % over shale; abdt "clean clusters" w/ clr to sl frosted qtz, well rnd & sorted med grains; some dark inclusions; oily stain in some w/ explosion free oil droplets on break; ~25% w/ partial saturation & shows; no odor; v. dull-weak fluor; shows are fair to good; oil appears dark brown, but light, lively

SS -lt to dark grey clusters; clr to frosted qtz; decreasing intragranular porosity w/ influx shales in matrix; sample darke w/ dark brown to grey shales; some remaining SS has much poorer friability & rare shows

SH - dark greys & greens, mottled & interbedded; 90% shale; silty fim w/ waxy to fissile break; few sand stringers, pyrite & gluaconite

SH - dark green (turqoise) w/ smooth waxy txture, visible laminations; partly friable to brittle break; trans grey-dark grey, silty w/ softer smoother break; less compacted; contains fair traces pyrite, glauconite & few SS stringers (no shows)

SH - mostly blue-green, waxy, as above w/ abdt grey, flood grey w/ dark grey to black, earthy carbonaceous inclusions & mottled/intbd; increasing % pyrite; no porosity of interest; no odor, no shows

DSTs/Mud/Surveys, etc.

QUALITY WELL SERVICE, INC.

7947

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

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 5-7-22	5	30S	15W	Barber	KS		

Lease Brannan Well No. #3 Location Croft KS S to 4 E thru Cattle Guard 3/4 E

Contractor Murfin Drlg Rig #104 Owner N thru Cattle Guard 1/4 S 1/4 into

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. 4907'

Csg. 5 1/2 15.5 Depth 4904.45

Charge To Griffin

Tbg. Size Depth

Street

Tool Depth

City State

Cement Left in Csg. Shoe Joint 21.23

The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line Displace 116.77

Cement Amount Ordered 175 sx Pro C 2% Gel 1/4 # Cello Flake 5 1/4 Kol-Seal 6% CL6A .25% C41P 25 1/4 PS

EQUIPMENT

Pumptrk 8	No.		
Bulktrk 10	No.		
Bulktrk	No.		
Pickup	No.		

Common 175 sx

Poz. Mix

Gel. 329 #

Calcium

Hulls

Salt 914 #

Flowseal 44 #

Kol-Seal 875 #

Mud CLR 48 500 Gal

CFL-117 or CD-110 CAF-38 C16A 99 #

Sand CC-1 8 Gal C41P 41 #

Handling 217

Mileage 25 / 542

JOB SERVICES & REMARKS

Rat Hole 30 sx

Mouse Hole

Centralizers 1-2-3-4-5-6-7

Baskets

D/V or Port Collar

Run 41 5 1/2 15.5# CSG SET @

START CSG CSG on Bottom TAG Wash up to

CSG BREAK CIRC W/RIG DOWN BULK CIRC W/RIG

START RUNNING 10 BBL H2O 10 BBL MF 10 BBL H2O

START PUMP R-H 30 SX

START MIX PUMP 175 SX POZ (2) CLASS 14.8 #/GAL

SHUT DOWN WASH OUT REL 5 1/2 TOP PLUG

START DISP W/ 27 BBL

1 PSI 100 BBL @ 600 #

PLUG DOWN 116.77 1100 #

PSI CSG 1600 #

RELEASE HELD 1/2 BBL BACK

FULL CIRC THRU JOB

FLOAT EQUIPMENT

5 1/2

Guide Shoe AFU 1 EA

Centralizer 7 EA

Baskets

AFU Inserts

Float Shoe 1 EA

Latch Down 1 EA

SERVICE UNIT 1 EA

1 MV 25

Pumptrk Charge 1 S

Mileage 50

THANK YOU

PLEASE CALL AGAIN TODD MIKE BRIAN

Tax

Discount

Total Charge

X Signature

QUALITY WELL SERVICE, INC.

7946

Federal Tax I.D. # 481187368
Home Office 30060 N. Hwy 281, Pratt, KS 67124
Mailing Address P.O. Box 468
Office 620-727-3410 **Rich's Cell 620-727-3409**
Fax 620-672-3663 **Brady's Cell 620-727-6964**

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 5-2-22	5	30S	15W	Barber	KS		

Lease BREANNA Well No. #3 Location Both Ks S to Y E thru Cattle Guard 3/4 N

Contractor Murfin Drlg Rig #104 Owner N thru Cattle Guard W into Rt

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	12¼	T.D.	263'
Csg.	35/8 23#	Depth	263'
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	25
Meas Line		Displace	15.2

Charge To Griffin

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 400 Common 2% Gel 3% CC ½# PS Used 275 sk

EQUIPMENT

Pumptrk 3	No.		
Bulktrk 12	No.		
Bulktrk	No.		
Pickup	No.		

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Ran 6 jts 35/8 23# CSG SET @ 263

START CSG CSG on Bottom Hook up to CSG

Break Circ w/ Rig

START Pumping H2O

START MIX & Pump 275 sk Common

2% Gel 3% CC ½# PS @ 14.8#/Gal

START DISP

Plug Down 15.2 Bbl

Close Valve on CSG 150#

Good Circ thru Job

Circ Cmt TO Pit

THANK YOU

PLEASE CALL AGAIN

TOM MIKE BRIAN

X Signature

Common	275 sk
Poz. Mix	
Gel.	5 17#
Calcium	776#
Hulls	
Salt	
Flowseal	133
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	293
Mileage	25 / 10 000

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Service Sup	1 EA
1 MI	75
Pumptrk Charge	Surface
Mileage	50
Tax	
Discount	
Total Charge	

Taylor Printing, Inc.