KOLAR Document ID: 1820667

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: Eli J. Felts
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 #:

11/17/2022 Spud Date or Recompletion Date
11/21/2022 Date Reached TD
12/07/2022 Completion Date or Recompletion Date

API No.: 15-007-24451-00-00
Spot Description:
SE - NW - NE - SW Sec. 5 Twp. 30 S. R. 15 ☐ East ☑ West
2305 Feet from ☐ North / ☑ South Line of Section
1700 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: GWEN Well #: #3
Field Name:
Producing Formation: Viola
Elevation: Ground: 1957 Kelly Bushing: 1969
Total Vertical Depth: 4850 Plug Back Total Depth: 4835
Amount of Surface Pipe Set and Cemented at: 260 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: 43000 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:
☐ **Confidential Release Date:**
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Kelsey Cox **Date:** 02/10/2025

Operator Name: Griffin, Charles N. Lease Name: GWEN 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
Attached	Attached	Attached

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	260	commom	225	2% gel 3%cc
Production	7.875	5.5	15.5	4843	pro c	145	10 % salt, 2 % gel and 6# 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: 12/14/2022	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)*	4690	4710

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)*
3	4690	4710			

TUBING RECORD:	Size:	Set At:	Packer At:	
	2.875	4773		

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

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	GWEN #3
Doc ID	1820667

Tops

Name	Top	Datum
Heebner	3889	-1916
Brown Lime	4054	-2085
Lansing	4071	-2102
Stark	4378	-2409
B/KC	4462	-2493
Pawnee	4530	-2561
Viola	4658	-2689
Simpson Shale	4758	-2789

Form	ACO1 - Well Completion
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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	260	commom	225	2% gel 3%cc
Production	7.875	5.5	15.5	4843	pro c	145	10 % salt, 2 % gel and 6# Koseal.

Gwen 3
Griffin Management LLC

11/22/22

MURFIN RIG #116
RTD: 4,850’
Shoe Jt: 7.95’
Start Logging @ 4:00 AM. Start running casing @ 8:30 am . Ran 115 joints of NEW, 15.5# 5 ½” Casing totaling: 4,843’. PBTD: 4,835.05’.
RU and break circulation for one hour. Good Circulation through entire job.
RU QUALITY WELL SERVICE and cemented with 145 sks Pro C cement with 10 % salt, 2 % gel and 6# Koseal.
Plug down and held @ 4:30 pm.
Plug rathole with 30 sks cement.
Released rig.

12/7/22

RU CCWS Rig #2
RU Log-Tech and perforated 4690’-4710’ 3 SPF

RD Log Tech and start PU packer

12/8/22

SITP – 0#
350’ of fluid in hole. 100’ free oil.
1500’ of gas vapor before fluid hit surface on swab run. Second run dry. Preparing to release packer to spot acid.
Spot acid @ 4714’. Pull 3 jts and set packer @ 4602’.
Breakdown @ 700#. Treated at 1.5-3 bpm 420#-630#.
ISIP – 320#. 190# after 5 min. 140# after 10 min. 100# after 15 min.
Total load: 76.6 bbls
RU to swab
1st run FL @ surface. Rec 1200’ water.
2nd run FL @ 600’. Pulled from 1700’. Rec 1100’ water.
3rd run FL @ 1000’. Pulled from 2200’. Rec 1200' water.
4th run FL @ 1400’. Pulled from 2600’. Rec 1200' water.

5th run FL @ 1800’. Pulled from 3000’. Rec 1200' water.
Swabbed back 31.5 bbl for the hour.
6th run FL @ 2200’. Pulled from 3400’. Rec 1200’ water.
7th run FL @ 3000’. Pulled from 4200’. Rec 1200’. Trace of oil.
8th run FL @ 4000’. Pulled from SN. Rec 600’. Trace of oil.
9th run FL @ 4300’. Pulled from SN. Rec 300’ @ 16% OC.
Swabbed back 13.5 bbl for the hour. Total 45 bbl rec.
Wait 15 min
1st run FL @ 4300’. Pulled from SN. Rec 300’ @ 20% OC.
2nd run FL @ 4300’. Pulled from SN. Rec 300’ @ 18% OC.
3rd run FL @ 4300’. Pulled from SN. Rec 300’ @ 23% OC.
4th run FL @ 4400’. Pulled from SN. Rec 200’ @ 18% OC.
Swabbed back 9 bbl for the hour. Total 54 bbl.
Unset packer

1st run FL @ 1400’. Pulled from 2600’. Rec 1200’ @ 15% OC.
2nd run FL @ 1800’. Pulled from 3000’. Rec 1200’ @ 2% OC.
3rd run FL @ 2200’. Pulled from 3400’. Rec 1200’ @ 2% OC.
4th run FL @ 2500’. Pulled from 3700’. Rec 1200’. Trace of oil.
5th run FL @ 2800’. Pulled from 4000’. Rec 1200’ water.
Swabbed back 31.5 bbl for the hour. Total 85.5 bbl.
1st run FL @ 3000’. Pulled from 4200’. Rec 1200’ water.
2nd run FL @ 3200’. Pulled from 4400’. Rec 1200’ water.
3rd run FL @ 3600’. Pulled from SN. Rec 1000’ water.
4th run FL @ 3800’. Pulled from SN. Rec 800’ water.
Swabbed back 21.15 bbl for the hour. Total 106.65 bbl.
1st run FL @ 3800’. Pulled from SN. Rec 800’ water.
2nd run FL @ 4000’. Pulled from SN. Rec 600’ water.
Swabbed back 7.05 bbl. Total 113.7 bbl.

12/10/22

SICP – 1225#
Opened to tank on 14/64 choke
2 hours on 14/64 choke 640# no fluid
2 hours 20 min – Fluid to surface. Foam. 440#.
11:00 am – 420#. 2.26 bbl. 16/64 choke.
11:15 am – 390#. 2.26 bbl. 16/64 choke. Opened to 16/64.
11:30 am – 360#. 3.39 bbl. 17/64 choke. Foamy water.
11:45 am – 350#. 3.39 bbl. 18/64 choke. Foamy water.
Flowed back 11.3 bbl for the hour.
12:00 pm – 320#. 3.39 bbl. 18/64 choke. Foamy water.
12:15 pm – 300#. 4.52 bbl. 20/64 choke. Foamy water. No sand.
12:30 pm – 280#. 4.52 bbl. 20/64 choke. Foamy water. No sand.
12:45 pm – 260#. 4.52 bbl. 20/64 choke. Foamy water. No sand.
Flowed back 16.95 bbl for the hour. 28.25 bbl total.

1:15 pm – 220#. 6.78 bbl. 22/64 choke. Foamy water. No sand.
1:45 pm – 160#. 9.04 bbl 24/64 choke. Foamy water. No sand.
Flowed back 15.82 bbl for the hour. 44.07 bbl total.
2:45 pm – 90#. 15 bbl. Foamy water. No sand.
Flowed back 15 bbl for the hour. 59.07 bbl total.

12/12/22

TIH with production tubing as follows:

148)	jts 2-7/8” tubing
1)	2-7/8” seating nipple
1)	15’ x 2-7/8” mud anchor

RO to run pump as follows:

1)	8’ gas anchor
1)	2-1/2” x 18’ RWB Hollow Rod
1)	2’ x 7/8” sub on pump
9)	1-1/2” sinker bars
100)	7/8” rods
80)	7/8” rods
1)	2’ x 7/8” sub
1)	6’ x 7/8” sub

1) 14’ x 1-1/2” liner
1) 26’ x 1-1/4” polished rod

Bottom – 4773’
Land tubing SN – 4726’
End of mud anchor – 4741’

12/14/22

Online to frac tank @ 1:45 pm
350# CP
8 SPM
Pumping good

GRIFFIN MANAGEMENT, LLC
126 S. Main, Pratt, KS 67124
620- 672- 9700

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

Well Name: Gwen #3
API: 15-007-24451
Location: T30S R10W Sec 5, SE NW NE SW
License Number: 33936
Region: Barber County
Spud Date: 11/17/2022
Drilling Completed: 11/21/2022
Surface Coordinates: Lat: 37.462694
Long: -98.397557
Bottom Hole Coordinates: Vertical Wellbore
Ground Elevation (ft): 1987' K.B. Elevation (ft): 1969'
Logged Interval (ft): 3800' To: 4820' Total Depth (ft): 4820'
Formation: Ordovician (Simpson Shale) @ 4710
Type of Drilling Fluid: Mud-Co. Chemical Dripsac - Chemical Slurper

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Griffin Management, LLC
Address: 126 S. Main
Pratt, KS 67124-0347

GEOLOGIST

Name: Eric Oropeza & Eli J. Felts
Company: Griffin Management, LLC
Address: efelts@griffinmgmt.com
316.765.4070

Rate of Penetration
ROP (min/ft)
Gas (units)

MD

Geological Descriptions

DS/Tk/MudSurveys, etc.

3750

3800

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

As Above

3850

LS- Cm-Wht, MDFlm Crush, Mushy Breaks; SH - LT-Gy Black w/Tr wx, T Grn Pcs, Chalky, MD Crush w/ Silty Breaks

3900

as above

3950

LS- Cm-Wht, MD SLN, Few Foss Throughout, MD Crush, Poor Fluid; SH - as above

4000

Hedrick Shale 3972 (-1942')

LS- Cm-Wht, FN Flm Breaks, Poor Fluid; SH - LT-Gy Black w/crosswx in Brown PCs, Chalky Surfaces, MD Crush, Silty Breaks

4050

SH - LT-gry-Black-Brown, Chalky Surface, MD Crush, Silty Breaks; LS - Cm-Wht, FN SLN, Flm Breaks, Poor Fluid

4100

LS - Cm-Wht, Few Foss, FnMD SLN, MDFlm Crush, Fair Fluid; SH - LT-Gy Black, Chalky, MD Crush, Silty

4150

SH - Flood, LT-Gy w/ few LT Red/Grn, Chalky, Sucrosic appearance in few pcs, Flm Crush, Silty Breaks

4200

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

as above

LS - Cm-Coarsest, FN SLN, Flm Crush, Fair Fluid; SH - As above

4250

SH - LT-Gy-Black, Chalky, Flm Crush, Silty Breaks, Few Black Pcs Sharp Breaks; LS - Cm-Coarsest, FN SLN, Dense

4300

as above

4350

SH - LT-Gy-Black w/ few Red/Grn pcs, Chalky, Flm Crush, Silty Breaks, Few Black Pcs Sharp Breaks

4400

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

as above

4450

SH - LT-Gy, Few Red/Grn pcs, Chalky, Flm Crush, silty Breaks; LS - Cm-Wht, MD Crush, Poor Fluid

4500

SH- Varicolored, LT-Gy/Black/Red/Grn, Chalky, Flm Crush, Silty Breaks; LS - Wht-Cm, Chalky, Flm Breaks, Few Foss Throughout

4550

SH- Varicolored, LT-Gy/Black/Red/Grn, Chalky, Flm, Silty Break; LS - Wht-Cm, Chalky, Flm Breaks, Few Foss Throughout; Some Dark Staining of fractures

4600

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

SH - LT-Gy-Black-Lt Grn, Chalky, Flm Sharp Breaks; LS - Cm-Wht, Few Foss, Mid Breaks, poor Fluid

4650

SH - LT-Gy w/ few Red,Lt Grn, Chalky, Flm Breaks, Silty Crush; LS - Cm-Wht, Chalky, FNMD SLN, Flm Breaks, Fair Fluid

4700

LS - Cm-Wht w/ few tan, Chalky, FNMD SLN, Flm Breaks, Fair Fluid; SH - LT-Gy w/ few Red,Lt Grn, Chalky, Flm Breaks, Silty Crush

4750

SH - LT-Gy/Grn W/ Few Red, Chalky, Sharp Breaks, Silty Crush; LS - Cm-Wht, Hints of Caverned-Inbac Chalky, FNMD SLN, Flm Breaks, Fair Fluid

4800

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

SH - as above; LS - Cm-Wht, Few Foss, Chalky, Flm Breaks, Fair Fluid, Few Pcs stained around fracture, believe to be oil/gas

4850

LS - Cm-Wht Few Brown, Chalky, FN SLN, Flm Breaks, Fair Fluid, Few Pcs have Staining; SH - LT Gy/Grn, Chalky, Flm Breaks, Silty Crush

4900

SH - LT-Gy-Black, Chalky Gk, Flm Breaks, Silty Crush, Black is spotted with Lt Gry Throughout; LS - Cm-Wht w few Caverned, Chalky, Flm Breaks, Fn SLN,

4950

Sand Break 5010 (-3040')

LS - cream to buff, a semi pale gry, fine to med str w/ smooth lotum in most, um frac-dm & chalky; poorly dev pors w/ scattered dark staining in some; no odor, no shows

5000

ROP (min/ft) 1in = 5min
Gas (units) 1in = 20

SH - deep gry to black; earthy & organic-ar visible laminations; fissile to partly brittle; shlimmers w/ fine str-mineral inclusions; trace chow-type gas bubbles on break

5050

LS - cream to buff, um-fr gry, fine str in most w/ smooth to slightly vugh/wavy lotum; cl-dense in some w/ as chalky; poorly friable break; no odor, no

5100

Conglomerate 5077 (-3107')

SH - flood dark colored earthy shales; blocky & dense, mature; visible laminations; grnd 1-5 mag/ gas bubbles along edges

5150

SH - slash deep grey earthy & organic, soft crush w/ slight chow-gas; decreasing carb w/ mostly dark grey clk sloft shales; LS - mid cream & tan, med str-smeared, subspatic to fr frac; mostly dense & smooth, chalky, some pin-point, shaly break; some lamin/seam; LS & CH both w/ small dark shale inclu

5200

SH - flood blue-grey silty shale; some mottled wit w/ varicolored pale greens, etc; some fmn LS

5250

Reagan 5117 (-3147')

SH - flood grey & greens; pale blue; bioturbated; LS - cream to tan, um-sl-lower, v fine to coarse-sl w/ fair to heavy flour.-preserver, poorly dev intrafrac porosity, dark staining in few; no odor, no flour.

5300

LS - cream to fi grey, fn to v fine str w/ mostly smooth, slightly dense w/ no vis porosity; some mottled w/ mostly dense CH, partially stained w/ few fine drops few of the pale yellow flour.-cream

5350

Granite Wash 5167 (-3197')

SH - varicolored silty w/ some limy inclusions; LS - cream w/ tan to brown & some dark staining; appears to follow fractures in webs; fine clk in most w/ some v/sl vugs to mostly chalky lotum w/ some, staining, appears residual-cored w/ trace dull flour.

5400

Precmbrn Lime 5210 (-3240')

SH - flood dark grey w/ some black; mottled green in some w/ earthy organic appearance; carb shales; LS - cream to white & brown; fn-med str w/ubiquitous dolomite weathered & broken in some; a chalky break w/ sl-residual staining; trace faint flour; no odor

5450

Granite Wash 5217 (-3247')

SH - flood varicolored shale; mostly shades of grey to green; any sort of mottled, bioturbated & interbedded; fragmental pyrite; appears light weathered/reworked w/ some visible clay minerals & siderigne (lit)

5500

SH - varicolored w/ above w/ mottled & interbedded; some visible fossiliferous, silty & reworked shales; flood LS w/ cl-dolomitic appearance; highly chalky to chalky w/ poorly dev porosity/frac; a dark residual stained spots appearing in & about

5550

SH - flood greens & maroons, some stained pale yellow to orange; silty mottled shales w/ loosely composited matrix; washing reddish brown; CH - pale yellow to pale orange, fluor.-dull yellow appearance; LS - cream to tan, fn-med str w/ no primary pors; weathered edges & surface clast; sa-dense blocks

5600

CH - flood varicolored vitreous to partially tripolitic; cream to orange, transition to bone white w/ dark brown to black tripy staining; fair vis porosity developed w/ some fracturing; some mostly dense CH, partially stained w/ few fine drops few of the pale yellow flour.-cream

5650

Osborne Shale 5867 (-3897')

'broadened samples; CH - wht-wt heavily stained surface, brown to black tripolitic porosity/staining; increasing porosity & friability; few pcs w/ brown clingy oil drops on break, dull yellow-cut in fluid; scattered pcs. no visible oil drips

5700

'grain' sample quality; SL churrits blocky shales; green & some maroon & brick; silty w/ blocky to smooth texture; w/ some mottled & some pastel green; CH - white to brown & black staining; partially tripolitic w/ surface staining & webbed porosity; poorly visible dull-yellow flour. no odor

5750

SH - brick red, grey, varicolored green; silty to smooth in most w/ med soft break; LS - cream to tan, appears dolomitic w/ sl-sucrosic lot; soft chalky break w/ no odor, no

5800

SH - shades grey w/ black w/ pyrite/marls, speckle & mottling; large clusters; less calc/carbs w/ CH - white to pale yellow, some brown staining; appears to be dolomitic w/ partial secondary texture, some pin-fr w/ pale yellow-cut; brownish staining; w-wet/wet to interbedded

5850

SHALE - shales w/colored w/ wood grain w/ dark shades & some wash to dark grey; CH - white to brown & black staining; some pcs w/ brown clingy oil drops; some pcs w/ yellow-cut; some pcs w/ yellow fluorescence; some pcs w/ no fluorescence

5900

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

5950

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6000

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6050

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6100

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6150

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6200

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6250

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6300

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6350

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6400

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6450

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6500

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6550

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6600

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6650

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6700

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6750

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6800

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6850

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6900

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

6950

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7000

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7050

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7100

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7150

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7200

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7250

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7300

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7350

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7400

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7450

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7500

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7550

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7600

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7650

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

7700

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7750

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7800

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7850

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7900

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7950

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8000

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8050

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8100

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8150

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8200

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8250

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8300

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8400

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8450

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8500

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8600

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

8650

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

9150

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

9200

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

9250

Dolomite CH - cream to white, sm-buff, fine str- sucrosic lotum w/ med firm density; tan LS - white mix increases break strength; scattered staining w/ partial-saturated appearance; mod to barren on break w/ no traces; no odor; fluor-dull yellow appears mineral fluor.

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10000

QUALITY WELL SERVICE, INC.

8159

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
11-17-22	5	30S	15W	BARBER	KS		

Lease: GWEN | Well No.: 3 | Location:

Contractor	Murfin Drlg Rig 116	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
Csg.	8 5/8 23#	Depth	260
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	20
Meas Line		Displace	15.4 Bbls

Charge To: Griffin
Street:
City: State:
The above was done to satisfaction and supervision of owner agent or contractor.

EQUIPMENT

Pumptrk	8	No.	
Bulktrk	15	No.	
Bulktrk		No.	
Pickup		No.	

JOB SERVICES & REMARKS

Rat Hole
Mouse Hole
Centralizers
Baskets
D/V or Port Collar

Run 6 Jt's 8 5/8 23# CSG SET @ 260'
START CSG CSG On Bottom
Hook into CSG & BREAK Circ w/rig
START Pumping H2O
START Mix & Pump 225 sx Common
2% GEL 3% CC 1/2" PS @ 14.8#/GAL
START Disp
PLUG DOWN 15.4 Bbls
Close Value on CSG 100#
Good Circ thru JOB
Circ CMT TO PIT

THANK YOU
PLEASE CALL AGAIN
TODD MIKE BRYAN

X Signature

Cement Amount Ordered: 290 sx Common
2% Gel 3% CC 1/2" PS USED 225 sx

Common	225 sx
Poz. Mix	
Gel.	423#
Calcium	635#
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	242
Mileage	25 / 6050

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
SERVICE SUPV	1 EA
LMV 25	
Pumptrk Charge	SURFACE
Mileage	50
Tax	
Discount	
Total Charge	

Taylor Printing, Inc.

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Well Service, Inc. and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1 QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALITY WELL SERVICE, INC.

8162

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

	Sec.	Twp.	Range	County	State	On Location	Finish
Date 11-22-22	5	30S	15W	BARBER	KS		

Lease GWEN | Well No. 3 | Location

Contractor Murfin Drlg Rig # 116 | Owner

Type Job 5 1/2 L.S | 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'

Csg. 5 1/2 15.5 | Depth 4843 | Charge To Griffin

Tbg. Size | Depth | Street

Tool | Depth | City | State

Cement Left in Csg. | Shoe Joint 7.9 | The above was done to satisfaction and supervision of owner agent or contractor.

Meas Line | Displace | Cement Amount Ordered 175 sx Pro C 2% Gel 10% Salt 5# sx Kol Seal .6% C16A .25% C41P 25# sx PS

EQUIPMENT

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

Common 175 sx

Poz. Mix

Gel. 329#

Calcium

Hulls

Salt 964#

Flowseal 44#

Kol-Seal 875#

Mud CLR 48 500 GAL

CFL-117 or GD110 CAP 38 C16A 99#

Sand CC-1 9 GAL C41P 41#

Handling 217

Mileage 25/5425

JOB SERVICES & REMARKS

Rat Hole

Mouse Hole

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

Baskets

D/V or Port Collar

Run 115 jts 5 1/2 15.5 #/CSG SET @ 4843
START CSG CSG on Bottom & TAG
Hook up to CSG & BREAK Circ W/ Rig
START Pumping 10 Bbls H2O 12.3 Bbls MF 10 Bbls H2O
START Mix & Pump 175 sx Pro C @ 14.8 #/GAL
SHUTDOWN Wash up Tk. RELEASE 5 1/2 LD Plug
START DISP W/ 2% KCL
LIFT PSI 950 at 550#
PLUG DOWN 1146 at 1250#
PSI up CSG 1700#
RELEASE & HELD 1/2 Bbl Back
GOOD CIRC thru JOB

THANK YOU
PLEASE CALL AGAIN
TODD MIKE BRIAN

5 1/2 FLOAT EQUIPMENT

~~Guide Shoe~~	H&M 1 EA
Centralizer	7 EA
Baskets	
AFU Inserts	
Float Shoe	1 EA
Latch Down	1 EA
SERVICE SUP	1 EA
LMV	25
Pumptrk Charge	LS
Mileage	50
Tax	
Discount	
Total Charge	

X Signature

Taylor Printing, Inc.

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Well Service, Inc. and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

– **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

– **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and attorney's fees.

– **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

– **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

– **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

– **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

– **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.