

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 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)</i> <i>(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: Ethan #2
 API: 15-007-24498
 Location: T30S R15W Sec 16
 License Number: 33936
 Spud Date: 6/03/2024
 Surface Coordinates: 1625' FSL & 1170' FEL
 Region: Barber County, KS
 Drilling Completed: 6/09/2024

Bottom Hole Vertical Wellbore
 Coordinates:
 Ground Elevation (ft): 1879' K.B. Elevation (ft): 1884'
 Logged Interval (ft): 3700' To: 4865' Total Depth (ft): 4865'
 Formation: Ordovician (Arbuckle) @ RTD
 Type of Drilling Fluid: Mud-Co. Chemical Drispac
 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

5/31/24
 MIRT
 6/01/24
 OFF
 6/2/24
 OFF
 6/3/24
 Spud @ 2PM
 Set Conductor @ 47'
 6/4/24
 Drilling @ 320'
 6/5/24
 Surface Casing @ 1015' set @ 1010'
 6/6/24
 Drilling @ 1680'
 6/7/24
 Drilling @ 3180'
 6/8/24
 Drilling @ 4085'
 6/9/24
 Drilling @ 4715'
 RTD @ 11:00 AM
 MW Wireline - Single Pass
 6/10/2024
 LDDP @ 4868'
 Run Production Casing
 Plug Down @ 12:15 PM

Lithology	MD	Rate of Penetration ROP (min/ft) Gas (units)	Geological Descriptions	DSTs/Mud/Surveys, etc.
	3750		SH - flood deep brown to grey, some black; earthy organic; carbonaceous; visible laminations break along stacked edges; slight gas bubbles appear w/ slight pressure application to cuttings; odorless; fair % LS - white fn xln chalky w/ vis contact/trans into carb shales	
	3800		LS - cream to white/transitional some pale grey - argillaceous; abdt SH content; mst greys; silty to sub carb & many darker mature carbonaceous appearance/texture; traces gas bubbles breaking out from shales	
	3850		SH - deep grey to brown; black; smooth well compacted carb shales; Heebner Shale	
	3900		SH - as above w/ additional pale green to greys; silty to soft, squishy; LS - cream tan brown; marbled w/ changing composition/compaction w/ vis weathering/fractured edges; argillaceous to shalebound w/ some chalky powders; lighter color shales slight Douglas appearance	
	3950		SH - grey to pale green hue; silty w/ sm txdred sil sandy ip w/ fine to v. fine grained well rd & std dtz; frosted - dark speckled spotted inclusions; overall soft to med; loosely compacted & soft drilling section; upper Douglas	
	4000		SH - flood greys w/ pale greenish blue; dark-black speckled inclusions; fragments dark carb shale stringers; few clusters sandstone; white to cream; fn to v. fine grained well md & std; gritty break; lacking visible pores; shalebound; no odor, no ns	
	4050		SH - flood greys; darkening up to medium grey; smooth txdre in most w/ some visible silty to fine sandy; dark speckled inclusions present; pyritic xln dev banded intrabedded/fractures; planar; no odor, no shows	
	4100		SH - lt grey to tanbrown; silty smooth in most w/ some visible sand inclusions; stringers, etc; oa decreasing sand incls; shaling out	
	4150		SH - mostly greys; smooth txdre in most w/ some visible silty to v. fine sandy; dark speckled inclusions present; no odor, no shows; few fragments LS - cream to white; tan fine to micro-xln	
	4200		SH - lt grey to tanbrown, some brick red to maroon, mottled pale green; silty smooth in most w/ some visible sand inclusions; stringers, etc; oa decreasing sand incls; shaling out	
	4250		LS - cream to buff, pale white ip; fine xln in most w/ re-worked appearance; sl fossiliferous; abdt shales incl varicolored reddish brick to green, grey, etc; appears erosional/re-worked	
	4300		LS - cream to buff, pale grey; white chalky in some; fine xln; partially foss; weathered w/ abdt loose shales; sandy texture in some; others fragt coarse foss txt	
	4350		LS - cream to tan, brown; fine to v. fine xln w/ vis foss inclusions; poor visible xln dev; limited to no visible primary porosity; some dissolution & mineral staining present hinting at potential fractured/weathered section	
	4400		SH - flood grey silty smooth, med firm stringers; contrasted by stark white LS - fine xln w/ chalky txdre in many; soft loosely consolidate & fragile; some cream to tan, fn-med xln w/ partial stain; scattered fluor appears within few fragments w/ sucrosic porosity & lt tan stain; does not free on break; cheek logs 4000 cup lags back to 4070' or up	
	4450		LS - white, cm-brown, mst cherty appearance, fn-med xln, dens, abdt oolite inclusions; clustered to scattered; SH - Lt/Dark Gray, Chalky, Silt Breaks, traces lt green shale fragments	
	4500		LS - cream to white, tan, brown; fn to med xln w/ rainy rough txdre & chalky break; dark stained edges grey to brown shale contacts; grey & organic brown shales w/ earthy to carb appearance; gas bubbles increase w/ break from shales	
	4550		LS - cream to lt tan/brown in part; lt grey foss w/ fn-med xln; gritty oatmeal-like texture; soft poorly compacted w/ chalky break in many; increasing shale staining/contacts & stringers; grey to brown; sb carb in most; soft white gummy sticky globs in tray	
	4600		LS - cream to tan, brown; fn-med xln w/ rough weathered txdre; fractured w/ sm vis xln-to-xln dev; partially stained w/ brown to dark; fluor is spotty; dull yellow, staltic/residual, non-lively; no visible droplets	
	4650		LS - mst cream to white; fine & med xln w/ granular to xln txdre; sl dolomite ip; chert marbled ip; chalky overall w/ white loose fragments scattered white & transitional pieces pale green shale; edge	
	4700		LS - cream to buff, white; fn & med xln; granular w/ some dolomite xln dev; marbled CH - white to tanbrown; vitreous ip; micritic sm cottony w/ weathered cottony txdre; soft friable w/ chalky break; low compaction/density; oa; no odor, no show	
	4750		LS - cream to buff, white; fine xln oa w/ pred soft loose chalky pos; fragmented to pulverized in some loose particles chalk meandering throughout; some soft gummy clays	
	4800		LS - cream to buff; greys; fine xln w/ smooth to sl xln txdre; slightly dolomite ip; sucrosic granular txdre; v. slight staining present in few pcs; partial show lt brown clingy oil appears on break; slight odor detected on break; poor show overall lacking additional outtings w/ showings	
	4850		LS - cream to buff, fine to med xln; chalky in many w/ transition to SH - pale green w/ dark brown round inclusions; silty to varicolored w/ browns to sub carb in few	
	4900		SH - dark, some green to grey; silty smooth to blocky, med firm; sub-carbonaceous; no visible gas; no odor	
	4950		LS - cream to buff, fn xln in most w/ smooth platy txdre; oa dense; limited xln visible; some v. fine to microxln; cherty break ip; chalky edges; oa cuttings fine (smaller chip size avg)	
	5000		SH - dark brown to grey, some darker incl black; silty smooth to blocky, med firm; sub-carbonaceous; no visible gas; no odor	
	5050		Limestone break to beige, buff to caramel, brown; fine to very fine crystalline micritic to Cherty in part sharp breaks dense	
	5100		SH - deep rich shades brown-purple; some mottled; fair compaction & maturity; laminated in part; some poss foss incls; earthy organic to carbonaceous	
	5150		Increase SH - dark earthy to black, carbonaceous w/ slight gas shows; abdt lighter shades grey-blue; silty soft; med compact; non-carb	
	5200		SH - interbedded green to black, grey brown & brick/maroon; interbedded w/ LS - cream to brown, fn to v. fine xln micritic to cherty ip; dense	
	5250		LS - cream to brown, fn to v. fine xln, smooth platy & dense; some micritic to cherty ip; stained edges along fractures w/ ppt to webbed dark stains along edges; SH - varicolored green to black, grey brown & brick/maroon	
	5300		SH - flood varishades greys lt to medium w/ some visible speckled mineral inclusions; sl micaceous luster; trans pale blue-green, some w/ vis interbedded foss; argl in some w/ increasing density in some pcs	
	5350		LS - cream, fine to very fine crystalline well compacted; dense, smooth blocky lithographic overall few visible fractured w/ re crystalline staining; questionable odor, no fluor, ns; abundant green to gray shales; speckled to spotted/mottled	
	5400		LS - cream to lt tan, brown staining in part visible through pp/dissolution porosity; webbed to spotted; mild to weak porosity appears early dissolution w/ minimal %; live/staining present in most pcs w/ 2ndary pores dev; weak fluor in most w/ 2 pcs shows - pinhead scattered	
	5450		SH - flood pale cream to green; soft gummy ip; 60" cup has odor & few clusters SS - cluster appears cream to tan w/ fine-med grains clear sb anglr qtz; well sorted; good friab w/ burst oil shows on break; free & lively w/ fair odor; fluor bright yellow indicates on 3 clusters (v. limited sample representation) relatively LG clusters; however limited	
	5500		SH - flood varicolored greens, reds, maroon, purple; mottled ip; sm v. soft gummy washing cup red; traces sand remain viable appearance & slight increase quantity; appear more dolomite/sucrosic w/ evident transitional LS/Dol into porous clusters; cm to lt tan w/ saturated stain; moderately friable; slight shows w/ 5-7 pcs fluorescence & free oil drops floating; yellow-fluor; oa fair-moderate; improves from 40 to 60"	
	5550		SH - varicolored w/ mostly red/brick to green; abdt LS - cream w/ mineral staining throughout; some interbedded; sm argillaceous; floods CH - bone white w/ some tan-brown staining w/ pp-edge porosity; mildly weathered in most many dense; fresh glassy; sharp; some peach to cream dolomite/dolomite LS - fn xln sucrosic cottony; soft	
	5600		Dolomite - cream to white w/ peachy/orange staining; med xln cottony to sucrosic txdre; chalky throughout many w/ some weak to fair xln porosity in sm pcs; partly friable & carry light show; odor in 40-60 cups faint; fluor weak	
	5650		Dolomite - cream to buff, fn xln sucrosic & med xln partially rhombic xln growth; good vis xln pos red; sm sl dissolution/re-xln devel; scattered partial staining w/ surface shows & some appearing fully saturated; fair-gd friab break w/ show lt bm-gld free oil (pp-scattered) good yellow/fluor w/ fair odor increasing	
	5700		Dol - cream w/ heavily saturated stain; med xln rhomb in most w/ some vis sucrosic xln dev; vis dissolution w/ vuggy holes => well dev porosity overall; shows good-better-best thru 60" stop for samples	
	5750		Dolomite - wht, cream to tan w/ shows staining/saturating in many, fn xln sucrosic in most w/ sm med xln; good vis xln pos & sm sl dissolution/re-xln devel w/ scattered vitreous CH banding; fair-gd friab break w/ show lt bm-gld free oil good yellow/fluor w/ fair-gd cup odor; increasing % CH overall remains quality rocks, shows & fluor	
	5800		CH - bone white cherty & dense; many sharp & fresh; vis dolomite contacts & dissolution vugs along fractures; fine xln sucrosic txdre & trans lime; LS appears white to cream, mst fine xln sucrosic w/ dolomite, cherty to chalky txdre in most	
	5850		LS & Dolo LS - cream w/ pink to buff staining throughout; fine xln w/ sl sucrosic txdre in part; dominated by chalky matrix in most pcs; soft to powder crush; abdt mineral staining & oa lack of porosity & shows; few pcs CH - bone white, vitreous & fresh w/ no vis primary pores; smooth glassy & dense; no odor, no shows	
	5900		SH - dark green silty to partly sandy; smooth waxy txdre in most w/ sl to sl brittle break; few w/ dark tan spots; decreasing & decreasing overall % visible SS; mostly dark blue-green, Simpson Type shale	
	5950		SH - dark green w/ flood sand % w/ few clusters "clean" SS appear cream w/ dark inclusions; sl dense break, well cemented & fair amt pyrite & carb shales within-some heavily incls; oa poorly dev intragrainular pores; no odor, no shows	
	6000		SH - flood blue green/turquoise shale; smooth waxy txdre w/ limited sand content; blocky w/ med-firm break; sl friable to brittle in some	
	6050		Dolomite - cream to buff, fn to v. fine xln w/ smooth txdre overall w/ no visible porosity; well cemented, v. dense break; lithographic	
	6100		Dolomite - flood clean dolomite, cream to lt tan, few brown, fine xln, smooth to partly sucrosic in some; CH in part appears in few pcs w/ oolite; foss w/ CH replacement; semi-translucent in some; dense overall; well compacted; poor vis porosity; no odor, no shows; no fluor	
	6150		Dolomite - cream to lt tan, fn w/ sl sucrosic txdre in some; fair vis xln porosity w/ soft friability; cherty stringers remain in some w/ translucent oolite foss incls; lithographic; oa w/ no odor, ns	
	6200		Dolomite - cream, fn xln in most w/ granular, fossiliferous & some sandy appearance txdres ip; abdt stringers turquoise green shale dip in and out along edges	

QUALITY WELL SERVICE, INC.

8561

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
6-3-24	16	30S	15W	Barber	Ks		
Lease	ETHAN		Well No.	# 2			
Contractor			Mortill D216 2.0 # 104		Owner		
Type Job	13 3/8 cond.		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	17 1/4	T.D.	47				
Csg.	13 3/8	Depth	47				
Tbg. Size		Depth					
Tool		Depth					
Cement Left in Csg.		Shoe Joint	10				
Meas Line		Displace	4.9 Bbl				
EQUIPMENT				2' GEL 3' CC 1/2" PS USED 75 x			
Pumptrk	3	No.		Common 75 x			
Bulktrk	15	No.		Poz. Mix			
Bulktrk		No.		Gel. 141 lbs			
Pickup		No.		Calcium 212 lbs			
JOB SERVICES & REMARKS				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal 37.5 lbs			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
Run 1 # 13 3/8 SA.S # CSG SET				Sand			
START CSG CSG 0.1 Bottom				Handling 209			
Hook up to CSG & BREAK CIRC W/ RIG				Mileage 30 / 6290			
START Pumping H ₂ O				FLOAT EQUIPMENT			
START MIX: Pomp 75 x Common				Guide Shoe			
2' GEL 3' CC 1/2" PS @ 14.8 #/GAL				Centralizer			
START, DISP				Baskets			
CLOSE VALVE ON CSG				AFU Inserts			
GOOD CIRC (TR) JB3				Float Shoe			
CIRC OUT TO PIT				Latch Down			
				SERVICE Spv 1 EA			
				LNU 30			
				Pumptrk Charge 13 3/8 cond			
				Mileage 60			
				Tax			
				Discount			
				Total Charge			
THANK YOU PLEASE CALL AGAIN TODD MATT ABERNOR							
Signature							

QUALITY WELL SERVICE, INC.

8563

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Todd's Cell 620-388-4967
Brady's Cell 620-727-6964

Date	6-5-24	Sec.		Twp.		Range		County	BARBER	State	Ks	On Location		Finish	
Lease	ETHAN	Well No.	2		Location										
Contractor	MURFIN DRILG 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.	1015'		Charge To										
Csg.	9 5/8 23"	Depth	1010.31		GRIFFIN										
Tbg. Size		Depth			Street										
Tool		Depth			City State										
Cement Left in Csg.		Shoe Joint	42.22		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line		Displace	61.97		Cement Amount Ordered 400sc 70/30 2 1/2 GEL 3 1/2 CC										
EQUIPMENT					12" PS 215 common 2 1/2 GEL 3 1/2 CC 10" PS										
Pumptrk	3	No.			Common 430sc										
Bulktrk	12	No.			Poz. Mix 120 sc										
Bulktrk	15	No.			Gel. 989 lbs										
Pickup		No.			Calcium 1483 lbs										
JOB SERVICES & REMARKS					Hulls										
Rat Hole					Salt										
Mouse Hole					Flowseal 275 lbs										
Centralizers	14 = 464'				Kol-Seal										
Baskets	14				Mud CLR 48										
D/V or Port Collar	NEW				CFL-117 or CD110 CAF 38										
Run 24 ft's 9 5/8 23" CS6 SET @ 1010.31					Sand										
START CS6 CS6 on Bottom Drill Ball					Handling 597										
Hook up to CS6 & BREAK CIRC W/ MIB					Mileage 30 / 12000										
START Pumping H ₂ O					FLOAT EQUIPMENT										
START MIX L @ 14.8" / GAL					Guide Shoe H M 1 EA										
START MIX T @ 14.8" / GAL					Centralizer 1 EA										
SHUT DOWN RELEASE 9 5/8 TOP RUBBER PLUG					Baskets 1 EA										
START DISP					AFU Inserts 1 EA										
Plug down 700' 62 gals					Float Shoe TOP RUBBER PLUG 1 EA										
RELEASE! HELD					Latch Down										
GOOD CIRC THRU JOB					SERVICE Sps 1 EA										
CIRC CUT TO PAT					LIV 30										
THANK YOU PLEASE CALL AGAIN TODD MATT ARTHUR HERNAN					Pumptrk Charge SURFACE										
					Mileage 60										
												Tax			
												Discount			
												Total Charge			
X Signature															

Griffin Management LLC

Ethan #2

6/10/24

Laying down drill pipe. Start running casing at 8:30 am. Ran jts 5 ½" 15.5# casing. Total length 4868.80'

Landed at 4867' PBTD 4856'

Circulated 1 hr. RU Quality and cement with 175 sks Pro C cement with 10% salt, 2% gel and 5# Koseal. Plug down at 12:15 pm

Plug rathole with 30 sks

6/12/24

RU CCWS rig 1

6/13/24

RU Log Tech. Run CBL/GR log and perforated

4616'-4636' 1 spft

4588'-4600' 2 spft

PU packer and 143 jts 2 7/8" plus 8' subs. RU
Tiger and spot acid at 4639'. LD 3 jts and subs and
set packer at 4534'. Tiger pumped 2000 gals 15%
Mca acid and 27.5 bbls KCL water. Breakdown
950#. Treated 4.25 bpm an 550#. ISIP 0# vacuum
RU to swab. IFL 1300'

1st hr FL 1300' swabbed 40 bbls 25% OC

2nd hr. FL 1800' swabbed 35 bbls 25% OC

3rd hr. FL 1800' swabbed 25 bbls 25% OC

Pop bypass valve on packer. Continue swabbing

1st hr. FL 1800' swabbed 36 bbls 12%-25% OC

Shut in well. Secured rig and SD

6/14/24

TP 100# blew well down. No fluid to surface.

PU swab. IFL 1800' swabbed 18 bbls 25% OC

LD swab. Release packer. TOOH with packer. LD
packer. TIH with production string.

1) Mud anchor. 15.00'

1) Tubing barrel. 23.00'

144) jts 2 7/8". 4655.52'

Bottom of tubing landed at 4679.52'

Dropped standing valve

R/O to run in pump and rods

1) 4' grooved plunger

1) 2' x 7/8" pony

9) Sinker bars

177) 7/8" rods

1) 26' polished rod

Loaded hole and RD

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8566

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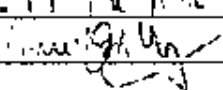
Mailing Address P.O. Box 468

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Date	6-10-24	Sec	16	Twp.	30	Range	15W	County	Barber	State	Ks	On Location	Finish						
Lease	ETNAW		Well No. 2		Location														
Contractor	Mystic D&B R.C. 104							Owner											
Type Job	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. 4363 L 431A																
Csg.	5/2		Depth		437		Charge To						Griffin						
Tbg. Size			Depth		Street														
Tool			Depth		City									State					
Cement Left in Csg.			Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.														
Meas Line			Displace		110.54		Cement Amount Ordered						2000 P.C. 1 GAL 165.4						
EQUIPMENT							1/2 & 1/4 of Clog 25% Casing 25/8 P												
Pumptrk	3 No.				Common 205 51														
Bulktrk	12 No.				Poz. Mix														
Bulktrk	No.				Gel. 3.35 lbs														
Pickup	No.				Calcium														
JOB SERVICES & REMARKS							Hulls												
Rat Hole	20 x				Salt 1129 lbs														
Mouse Hole					Flowseal 31 lbs														
Centralizers	1-2-3-4-5-6-7				Kol-Seal 1225 lbs														
Baskets					Mud CLR 48 500 L														
D/V or Port Collar	NEW				CFE-117 or CD110-CAF-98- Clog 110 lbs														
Rig	117 at site 5/2 15.5. Csg. 2000 P.C.				Sand 20-1 1 GAL Casing 45 lbs														
START Csg. Casing on Bottom 1/4" P.C.					Handling 27														
DROP Ball Hook to Casing Seat in Well					Mileage 20 / 100														
START Pumping 1000 P.C. 1250 P.C. 1.00 H2O					5/2 FLOAT EQUIPMENT														
START P.C. R-Hole 30s					Guide-Shoe 14 P.M. 1 EA														
START mix Prop 175 x P.C. 4 Casing 14.8					Centralizer 7 EA														
SHUT DOWN well in Tank Release 2 1/2 L.D. 1/2					Baskets														
START DISC W/ 2 1/2 K.C.L.					AFU Inserts														
LEFT P.C. 77 out 550'					Float Shoe 1 EA														
Float Down 1100'					Latch Down 1 EA														
P.C. on Csg 1700'					SERVICE SOD 1 EA														
RELEASE: HELD 1/2 out back					L.C. 1 30'														
WDD (1000) thru 30s					Pumptrk Charge 45														
THRU 1000					Mileage 60														
RELEASE 1000					<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Tax</td> <td></td> </tr> <tr> <td style="text-align: right;">Discount</td> <td></td> </tr> <tr> <td style="text-align: right;">Total Charge</td> <td></td> </tr> </table>									Tax		Discount		Total Charge	
Tax																			
Discount																			
Total Charge																			
Signature																			

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

October 15, 2024

Eli J. Felts
Griffin, Charles N.
126 S MAIN ST
PRATT, KS 67124-2711

Re: ACO-1
API 15-007-24498-00-00
ETHAN #2
SE/4 Sec.16-30S-15W
Barber County, Kansas

Dear Eli J. Felts:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 6/04/2024 and the ACO-1 was received on October 15, 2024 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department