KOLAR Document ID: 1803274

Confiden	tiality 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 -	DESCRIPT	FII &	
VVELL	HISIONI -	DESCRIPT		LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EQR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Dewatering method used.
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Recompletion DateDate Reached TDCompletion Date or Recompletion Date	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:				

KOLAR Document ID: 1803274

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
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, skip question 3)									
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		METHOD OF COMPLE		TION:		PRODUCTIC Top	DN INTERVAL: Bottom	
Vented Sold (If vented, Subn	Used on Lease				-	·	nit ACO-4)	юр	Bollom
	Perforation Perforation Bridge Plug Bridge Plu Top Bottom Type Set At		Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)		
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	MADELYN #1
Doc ID	1803274

Tops

Name	Тор	Datum
Heebner	3816	-1914
Brown Lime	3992	-2090
Lansing	4008	-2106
Stark Shale	4323	-2421
Hushpuckney	4366	-2464
B/KC	4410	-2508
Pawnee	4472	-2570
Cherokee	4506	-2604
Simpson Shale	4690	-2788
Arbuckle	4776	-2874

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	MADELYN #1
Doc ID	1803274

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Conductor	17.5	13.375	54.5	53	common	100	3%CC 2%Gel
Surface	12.25	8.625	23	1019	common	475	3%CC 2%Gel
Production	7.875	5.5	17	4865	Pro C	175	2% Gel 10% Salt 5# Koseal

Griffin Management LLC

Madelyn #1

7/12/24

Logged well. LD dill pipe and collars. Started running casing at 10 pm Ran in 119 jts 5 ½" 17# casing. Total tally 4866.08' Landed casing at 4865. PBTD 4858' Circulated 1 hr. RU Quality Cementers Cemented casing with 175 sks Pro C wig 2% gel, 10% salt and 5# Koseal. Plug down at 2:15 am on 7/13/24.

7/16/24

RD drilling rig. Pulled cellar box and cleaned up location. RU CCWS rig 1. RU Excel Wireline. Ran CBL/GR log. Good bond. LTD 4848' RD Excel. Unloaded 154 jts 2 7/8" 4981.34' Secured rig and shut down, 7/17/24 RU Excel and perforated 4632'- 4652' 1 spft 4598'- 4614' 2 spft PU packer and 143 jts plus 10' sub=4654' RU Tiger Chemical and spotted acid at 4654'. LD 3 jts and set packer at 4537' (140). Tiger pumped 1500 gals 15% MCA acid, 5 bbls KCL spacer water and 29 KCL flush water. Breakdown 300#. Treated 4.5 bpm at 575#. Ball action increased pressure to 1000-1200#.ISIP vacuum. RU to tubing swab. IFL 1300' 1st hr FL 2000' swabbed 40 bbls 30% OC 2nd hr FL 2000' swabbed 45 bbls 50% OC 3rd hr FL 2000' swabbed 40 bbls 50% OC Gas follows each swab today. Swabbed 125 bbls total. Left well venting to frack tank.

7/18/24

Well dead. Released packer. TOOH. LD packer. PU tubing barrel. TIH with production string as follows:

1)	Mud anchor	15.00'
1)	tubing barrel assembly	20.00'
10)	jts 2 7/8"	323.50'
1)	tubing anchor	3.00'
134)	jts 2 7/8"	4334.90'

BOT landed at 4696.40' R/O to run in pump and rods as follows:

- 1) 4' x 2 ¹/₂" grooved plunger
- 9) 1.5" x 25' sinker bars
- 177) 7/8" rods
 - 1) 26' polished rod

Loaded hole, pressured to 700#. HELD. RD Hooking up wellhead and flowline. RU Pumping unit.

8/7/24

RU CCWS rig 4.

Rod part. Pulled 177) 7/8" and 9) sinker bars. Part was between plunger and bottom sinker bars. C/O to pull tubing. TOOH. Pulled 16 stds well started flowing. Died down finished TOOH. NU shut in ring and left well open to swab tank.

8/8/24

1

Well venting gas with no fluid. TIH with tubing as follows

1) Mud anchor.	15.00'
1) Tubing barrel.	21.00'
10). Jts 2 7/8".	323,50'
1). Tubing anchor.	3.00'
34). Jts 2 7/8".	4334.90'

BOT landed at 4697.40'. C/O to run in pump and rods

1) 2 ¹/₂" x 4' plunger

9). Sinker bars

177). 7/8" rods

1). 26' polished rod

Loaded hole, pressured to 700#. Held. Hung off well and started pumping. RD

QUALITY WELL SERVICE, INC. Federal Tax I.D. # 481187368

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

Mailing Address P.O. Box 468

Office 620-786-6992 Fax 620-672-3663

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

Date 7-6-24 1	c. Twp. Range	County State On Location Fi BARDEN KS	nish			
Lease MADELYN	Well No.	tion				
Contractor MURFIN JA16 KG + 804		Owner				
Type Job Cond		To Quality Well Service, Inc.	rnich			
Hole Size 17/2 T.D. 53'		 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. 				
Csg. 1339 Depth 53'		Charge GRATIN				
Tbg. Size	Depth	Street				
Tool	Depth	City State	1.1			
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or	contractor.			
Meas Line	Displace 35.75	Cement Amount Ordered 4254 20/20 21/(2L	31.01/21			
EQI	JIPMENT	USED 1075C				
Pumptrk <u>3</u> No.		- Common 30 SL				
Bulktrk 12 No.		Poz. Mix 20 SK				
Bulktrk No.		- Gel. 30 155				
Pickup No.		Calcium 271 155				
JOB SERVIC	CES & REMARKS	Hulls				
Rat Hole		Salt				
Mouse Hole		Flowseal 50 /b1				
Centralizers		Kol-Seal	1 64			
Baskets		Mud CLR 48				
D/V or Port Collar		CFL-117 or CD110 CAF 38				
Kun 1 = 1 13,36 48 + CSG SET 0 53'		Sand	1 . E .			
Hook is to CSG " BREAK CIEL WIRIG		Handling 493				
STAT BOMPING HZO		Mileage 30 / 0000	1 1 1 1 1 1 1			
STAT MIX PUMP 100 5 6000000/20		FLOAT EQUIPMENT				
21/11/21/11/21/21	0 14. B"/GL	Guide Shoe				
START DISP	Sala "	Centralizer	т. т. _а .			
Clase Value on CSG Sins Boli total		Baskets				
GODD CILC THE	703	AFU Inserts	1.14			
Ciel Mr to PI	Т _т	Float Shoe	al a s			
A PART AND A PART		Latch Down				
5		SERVICE SUDV) EA	d i			
		LINV 30				
THANK YOU	0	Pumptrk Charge Cond.				
MEAKE COLL	AGAIN	Mileage 60	2 V			
TOOD MOST	7 Author	Tax	5.5.5			
	· · · · · · · · · · · · · · · · · · ·	Discount				
x Signature	Contraction and the second sec	Total Charge				
eignature			<u>al 10 17 18 1</u>			

Taylor Printing, Inc.

QUALITY WELL SERVICE, INC. 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 7-8-24 16	305 15W	11 . 1	- Ki					
Lease MADELYN	Well No.	Location						
Contractor MURTIN DR	16 K.G #104	Owner	v 19. a					
Type Job SURFACE		To Quality V	To Quality Well Service, Inc. – You are hereby requested to rent cementing equipment and furnish					
Hole Size (2/4	T.D. 1029	cementer a	cementer and helper to assist owner or contractor to do work as listed.					
Csg. 9578 23#	Depth 1019	Charge To	GRIFFIN					
Tbg. Size	Depth	Street						
Tool	Depth	City		State				
Cement Left in Csg.	Shoe Joint 42.2	20 The above v	vas done to satisfaction a					
Meas Line	Displace 62.5	Cement Ar	nount Ordered 32	55x 30/22 21/6	EL 31. (C/2			
EQUI	PMENT	2504	(om 27. (el 3	1. (C 1/2" PI u	580 15050			
Pumptrk 3 No.		Common	410sc					
Bulktrk 7 No.		Poz. Mix	655					
Bulktrk 15 No.		Gel.	96 8 lbs					
Pickup No.	ia na si	Calcium	1302 lbs	* * 51	in the			
	S & REMARKS	Hulls						
Rat Hole		Salt						
Mouse Hole		Flowseal	Flowseal > 38 (b)					
Centralizers 3 - 12		Kol-Seal	Kol-Seal					
Baskets 3-12		Mud CLR 4	Mud CLR 48					
D/V or Port Collar	아이 아이 물레이지.	CFL-117 o	CFL-117 or CD110 CAF 38					
Kun 24 54's 195/323	st t CSG SET D	Sand		1 6 Ye. 1984				
START CSG CSG ON	Bottom DROP	Boll Handling	(A) (
Hook up to CSG & BR	EAK CIEC WIRIG	Mileage	Mileage 30 /2000					
START KOMP. HG HZD	1	95	65/6 FLOAT EQUIPMENT					
START Mix Prop 3	.7 Kal Guide Sho	Guide Shoe- / EA H; M						
START MIX ! PSMp	1 2 0 1/ /	Centralizer Z EA						
SHUT DOWN RELEASE	E BS/S TOP Kill	1. 1.11. /	ZEA					
STAC DISP		AFU Insert	s IEA	<u>^</u>				
Plug opin 600	62.52 364	Float Shoe		Rober Plus				
CLOSE VALUE CSG.		Latch Down						
Good ciel thes =		SERVICE SLOV 1 EA						
CILL CMT TO PET		LIMU 30						
			narge SURFACE					
- THANK YO	J	Mileage	D					
MEASE	1		Tax					
Root	ERNAN		Discount					
X Signature	ATT HETHOE HE			Total Charge				
Signature	and the second s	Y		0				

QUALITY WELL SERVICE, INC. Federal Tax, I.D. # 481187368

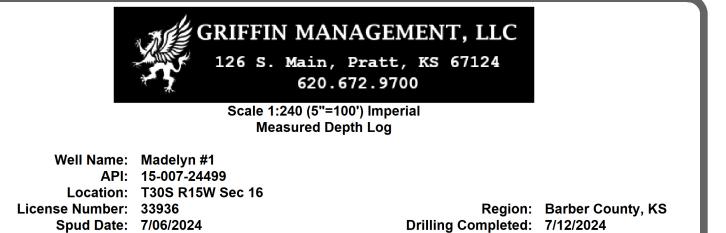
Home Office 30060 N. Hwy 281, Pratt, KS 67124

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

Once Month Month Month Contractor MoR(H) VI G C C V Owner Contractor MoR(H) VI G C C V Owner Type Job Jit JS To ABG7 Hole Size 7/9 TD ABG7 Commeter and helps to assisted to rent coment or outwork as listed. Cas S12 17 Depth ABG6 Charge Gal A Tbg. Size Depth City State Commet and helps to assisted and supervision of ower agent or contractor. Cament Left in Csg. Shoe Joint 6/4.3 The above was done to sutification and supervision of ower agent or contractor. Cament Left in Csg. Shoe Joint 6/4.3 The above was done to sutification and supervision of ower agent or contractor. Cast Displace 1/2.74 Cement Amount Ordered 20.5 K To 1/2.74.74 Builtrik No Displace 1/2.74 Cement Amount Ordered 20.5 K To 1/2.74.74 Builtrik No Contractor Site 1/2.74 Cement Amount Ordered 20.5 K To 1/2.74.74 Builtrik No Contractor Gel. 39.51/5.5 Edution	-7 12 24 11	Twp. Range	Count	57 III III III I	State	On Location	Finish		
Contractor M. Q. L. J. D. P. G. K. G. V. D.4 Owner Type Job 5/L. J. S. T.D. 4.367 To Quality Well Service, Inc. Geg. 5/L. J. S. T.D. 4.367 Contractor to do work as listed. Geg. 5/L. J. S. Depth Glarge G. H. J. S. TD, Size Depth Street Glarge G. H. J. S. Tool Depth Street Street Street Tool Depth City State Cement Left in Csg. Shoe Joint 6.4.3 The above was done to satisfaction and superison of owner agent or contractor. Meas Line Displace 1.1.2.7.4 Common 2.0.5 K. V. State Pumptrk No. Control 2.0.5 K. 2.1.6.1.01.01.01.01.01.01.01.01.01.01.01.01.0	Date 7-13-24 16	4)		JOL					
Type Job SIL SIL To Quality Well Service, Inc. Hole Size 773 T.D. 4367 cementer and helper to assist owner or contractor to do work as listed. Cag. SIL 17 Depth 4862 The above was done to satisfaction and supervision of owner agent or contractor to do work as listed. Tool Depth City State Cement Lett in Csg. Shoe Joint 643 The above was done to satisfaction and supervision of owner agent or contractor. Mass Line Displace (12.74 Cement Amount Ordered 205 \$ V/s C 2/-(C)-/10/29// Mass Line Displace (12.74 Cement Amount Ordered 205 \$ V/s C 2/-(C)-/10/29// Mass Line Displace (12.74 Cement Amount Ordered 205 \$ V/s C 2/-(C)-/10/29// Buiktr L No Contron Z.	NA (N	1 201101	Location	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			A 411 2 1 1 1 1 1 1 1		
Type Job T/C D Hole Size T/O T/O Hole Size You are hereby requested to rent committed own of work as listed. Hole Size $5^{1}/2$ 1^{7} Depth 43667 Charge $Ga + f_{12}$ Tbg. Size Depth City State Comment and helpe to assist owner or contractor to do work as listed. Tool Depth City State State Cement Lett in Csg. Shoe Joint 643 The above was done to satisfaction and supervision of owner agent or contractor. Mease Line Displace 12.74 Cement Amount Ordered 205 54 $76.62.76.67.77.67.07.07.07.07.07.07.07.07.07.07.07.07.07$	Contractor MORTIN DRIG KIG 124								
Interster Strat Period A 3 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Type Job 5/2 LS	417/7	You	You are hereby requested to rent cementing equipment and furnish					
Cag. S Z Depth Streat Tbg. Size Depth Streat Streat Tool Depth City State Cement Left in Csg. Shoe Joint 64.3 The above was done to satisfaction and supervision of owner agent or contractor. Meas Line Displace [12.74] Cement Amount Ordered 205.5, 76.0, 21.41, 21.41, 21.44 Pumptrik No. Common 205.5, 76.0, 21.41, 21.44 21.44 Pumptrik No. Poz.Mix Displace 12.74 Common 205.5, 76.0, 21.41, 21.44 Pumptrik No. Poz.Mix Displace Common 20.55 24.41, 21.44 Buiktrk IO Common 20.55 Satt 12.9, 14.44 21.44 Buiktrk No. Calcium Poz.Mix Displace 12.2, 14.44 24.44 24.44 24.44 Baskets Hulis Get. 33.5, 15.5 Displace 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 24.55.4 25.65.5 24.55.6 24.65.6 2									
Ing. StateDepthCityStateCerrent Left in Csg.Shoe Joint 643 The above was done to satisfaction and supervision of owner agent or contractor.Meas LineDisplace[12.74]Cernent Amount Ordered $205 \pm \sqrt{10}$. $21/\sqrt{61}$. 10^{1} SU/V.Meas LineDisplace[12.74]Cernent Amount Ordered $205 \pm \sqrt{10}$. $21/\sqrt{61}$. 10^{1} SU/V.PumptrkBNo.Common $205 \pm \sqrt{10}$ $200 \pm \sqrt{10}$. $21/\sqrt{61}$. 10^{1} SU/V.PumptrkNo.Poz. MixBuiktrkGet. 335 IbsBuiktrkPickupNo.CalciumPoz. MixBuiktrkJOB SERVICES & REMARKSHullsGet. 335 IbsBuiktrkPickupNo.CalciumCalciumJOB SERVICES & REMARKSHullsGet. 315 IbsPickupNo.CalciumJOB SERVICES & REMARKSHullsPickupNo.CalciumJOB SERVICES & REMARKSHullsPickupNo.Contraitzers 172 -3.4.5.6.7Kol-Seal/225 IbsBasketsMud CLR 48DV or Port CollarGFL-112-or-EDTTOCAF-98Contraitzers 172 -4.5.6.7Kol-Seal/225 IbsShart C.S.G. CS.C. On BA form 276 Shart C.S.G. CS.C. On BA form 276 Shart Ploit, 10 Shart M. K. (Suble M. K. (To	To Olastin					
Not Shoe Joint $b43$ The above was done to satisfaction and supervision of owner agent or contractor. Meas Line Displace (12.74) Cement Amount Ordered $20.5 \le 17.5$ $2.4/cL$ $17/cL$ $11/cL$	Tbg. Size		Stre	reet					
Odment Len III 054:Displace 112.74Cement Amount Ordered 205 x Yol 24/21/22/01/50//EQUIPMENT5 "/s Vol 25 / 21/22/02/01/50//Pumptrk B NoCommon 205 5xBulktrk IO NoPoz. MixBulktrk IO NoPoz. MixBulktrk IO NoCommon 205 5xBulktrk IO NoPoz. MixBulktrk IO NoCentralizersJOB SERVICES & REMARKSHullsRat Hole 30 \$xSalt //29/b5Mouse HoleFlowsealCentralizers 1-2-3-4-5-6-7Kol-Seal //025 //b5Mouse HoleFlowsealCentralizers 1-2-3-4-5-6-7Kol-Seal //025 //b5Mouse HoleFlowsealCentralizers 1-2-3-4-5-6-7Kol-Seal //025 //b5Mud CLR 48 500 GaltDro Port CollarColspan="2">GEL 0 4365Sand CC-1 9 Galt Call //b1Mud CLR 48 500 GaltColspan="2">Gald Call 0 //c2 //b2Colspan="2">Call 27 // CSU 62/0 //c2 //c2 //c2 //c2 //c2 //c2 //c2 /	Tool								
EQUIPMENT 5 % & lossen Loss Loss Loss Loss Loss Loss Loss Los	Cement Left in Csg.	10	and the second sec						
Pumptk \mathcal{O}									
PulliplikColorBulktrikNo.BulktrikNo.BulktrikNo.JOB SERVICES & REMARKSHullsGet395/bsPickupNo.JOB SERVICES & REMARKSHullsRat Hole305Salt//29/bsMouse HoleFlowsealCentralizers1-2-3-4-5-6-7Kol-Seal/025/bsBasketsMud CLR 48Div or Port CollarGEL_112-re-OPTOCAF-86C/LA//6/biSTAKTCs.(sET)A365sand CC-1GallHaodingZTATShiftLog BallHaok, or to 506 blankSTAKTCs.(set T)A365Sand CC-1GallHaodingZTATShiftLog BallHaok, or to 506 blankClaiterStattSTAKTShiftSTAKTShiftSTAKTShiftSTAKTShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShiftStattShift <td< td=""><td colspan="3"></td><td colspan="5">5 7/5x KolsEAL ,61. CIGA 251. CAIP 25 14 PS</td></td<>				5 7/5x KolsEAL ,61. CIGA 251. CAIP 25 14 PS					
BuiltryNo.No.No.BuiltryNo.Gel. $385/bs$ PickupNo.Gel. $385/bs$ PickupNo.GaloumJOB SERVICES & REMARKSHullsRat Hole305Salt//29/bsMouse HoleFlowsealCentralizersI-Z-3-4-5-6-7Kol-Seal/025/bsBasketsMud CLR 48DV or Port CollarGELTJ2-or-Gentrock-38C/LAHadlingSTAILStart CS-6BasketsSand CC-1 9DZOP BallHosk up to S6+ Balk (RCUL) BIGSTAILShop 175 56STAILPS-102STAIL	Pumptrk		Con	nmon 2	.05 54				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Bulktrk 10	Bulktrk							
JOB SERVICES & REMARKSHullsHullsRat Hole $\exists OS \leq$ Salt $//29/bs$ Mouse HoleFlowsealCentralizers $1-2-3-4-5-b-7$ Kol-Seal $/O25/bs$ BasketsMud CLR 48 500 GaLDV or Port CollarCEL112-or-Gentro CAF-38 $C/bA / 16/bs$ Staff CSG, CSG, ON 1824 tom 7: TAGHandling 276 DV or Port CollarCSG, CSG, ON 1824 tom 7: TAGHandling 276 Staff CSG, CSG, ON 1824 tom 7: TAGHandling 276 DV or Port CollarCSG, CSG, ON 1824 tom 7: TAGHandling 276 Staff CSG, CSG, ON 1824 tom 7: TAGHandling 276 DV or Port CollarCSG, CSG, ON 1824 tom 7: TAGHandling 276 Staff CSG, CSG, ON 1824 tom 7: TAGHandling 276 $C417$ 497 lbsStaff CSG, CSG, ON 1824 tom 7: TAGHandling 276 $C417$ 497 lbsStaff CSG, CSG, ON 1824 tom 7: TAGHandling 276 $C417$ 497 lbsStaff CSG, CSG, ON 1824 tom 7: TAGHandling 276 5787 F_{100} E_{100} Staff CSG, CSG, ON 1924 to 2025CSG, CSG, ON 1924 to 2025 6172 F_{100} E_{100} E_{100} Staff CSG, CSG, ON 1924 to 2025Rest 6172 F_{100} E_{100} E_{100} Staff CSG, CSG, ON 1924 to 2025Rest 1207 1207 1207 1207 1207 Staff CSG, CSG, ON 1924 to 2025Rest 1207 1207 1207 1207 1207 <	Bulktrk		Gel.	. 38	SIBS		а. 		
Rat Hole 35% Salt $1/29/bs$ Mouse HoleFlowsealCentralizers $1-2-3-4-5-6-7$ BasketsMud CLR 48DV or Port CollarCFL_117_or-CPTTOCAF-98 $C/d = 1/2$ $1/2$ $K_{2n} 17 + S 2 7 + Csl_SET 04365Sandt CC-19C_{2n} 17 + S 2 7 + Csl_SET 0A365Sandt CC-1STAKT CSl_S CS 000 + MathemTAGMandling = 276TACP San A-ok up to CS6+ Math Net Net Net Net Net Net Net Net Net Net$	Pickup No.		Calc	cium			2 = 0 (8) S		
AnimaImage: Control of the second secon	and the second	& REMARKS	Hull						
Centralizers 1-2-3-4-5-6-7Kol-Seal /025 /bsBasketsMud CLR 48 500 (aLDN or Port CollarGEL:11Z-or-GD1T0CAF-38 C/6A /16 /biCon ID 44 s 5 /2 17 * CSG SET 0 4365Sand CC-1 9 Gal C41 9 48 /biSTAKT CSG CSG ON Battom * TAGHandling 276D200 Ball Hock up to CSG / BCAIL (RECWIRG Mileage 30 32.80)START Rompus (10 Bals /6) 12 8/bis MF 10 Bals /120START PIST, P-Holz 30 SGuidesshere H # M 1 EASTART PIST, P-Holz 30 SGuidesshere H # M 1 EASTART Dawn Wesh up tick Kelerice SI210BasketsSTART Orsp 20 27 /2 LCLAFU InsertsLITT TS: 93 aut 550 //Float Shoe 1 EALAMP PISG 1700 //SERVICE SNY 1 EABis up CSG 1700 //SERVICE SNY 1 EAMUST TS: 93 aut 550 //Pumptrk Charge LSTHANK YONMileage GOTHANK YONMileage GOTHANK YONMileage GOTHANK YONMileage GOTHANK YONMileage GOTHANK YONMileage GOTHANK YONMileage GO	Rat Hole 305		Salt	Salt /129/bs					
Baskets Mud CLR 48 500 Gal DN or Port Collar GEL.11.Z.or-GBTTO CAF-38 C/6A 116 /bs Ron ID H S S/2 17 CSG. SET 0 4365 Sand CC-19 Gal C419 49 /bs START CSG. CSG. ON Bottom # TAG Handling 276 DZOP BAIL Hook up to CSG. BEAL RECWERE Mileage 301 92.80 START POMPUSCION Bottom # TAG Handling 276 DZOP BAIL Hook up to CSG. BEAL RECWERE Mileage 301 92.80 START POMPUSCION Bottom # TAG Mileage Mileage 44.91 START POMPUSCION Bottom # TAG Mileage 12.8			Flov						
DN or Port Collar GEL-112-or-GD110 CAF-38 C/6A //6 //6 KAN IN 24'S S'R 17 CSG SET 0 4365 Sand: CC-19 Gal C411 497 //bs START CSG CSG ON Batton * TAG Handling 276 Image: College	Centralizers 1-2-3-4-5-6	-7	Kol-						
Ron III = +1 s S 1/2 17* CSG SET 04365sand CC-1 9Gal C41P49 //bsSTAKE CSG SG 00Battom * TAGHandling276DZOP BAIL Hook op to CSG / BRANK RICUMPIGMileage30/3280STARET Bompwill to Bhisk?128/bis MF to Bhis H2051/2 FLOAT EQUIPMENTSTARET Ploy L10 Bhisk?128/bis MF to Bhis H20STARET Ploy L20 S1Guide-shoreSTART Ploy L20 S1Guide-shoreSTART Ploy L20 S1Guide-shoreSTART MK4 Romp 175 x Roo L 4 (St 1/4 St 1/4)Guide-shoreFASTART Davin Wesh op tak Kataze St 20 BasketsStart Cosp 20 Z 1- KCLSTART OLSP 20 Z 1- KCLAFU InsertsLITT TS 73 and SSOTFloat Shoe 1 EALAND Plo G 1177 Bbls 1100 PLatch Down 1 EABis op CSG 1000 PSERVICE SAM 1EARelaber 1 HELD 12 BblsDWN 30'GODD CLEU THUS 2003Pumptrk Charge LSTHANK 900Mileage LQUPLEASE CALL AGAINTaxTOUD MATT HALTINGDiscount	Baskets		Muc	d CLR 48	673 8				
STALET CS.6. CS.6.0. BATOM ? TAG Handling 276 STALET CS.6. CS.6.0. BATOM ? TAG Handling 276 DZOP BALL Hook up to CS.6.2 BEAK RECWILLG Mileage 30/3280 STALET BOMPING, 10 BATOM ? TAG Mileage 30/3280 STALET PLOY REAL RECWILL AT CONTROLOGIESHOP H & MILEA STALET PLOY REAL STALET PLOY REAL REAL REAL REAL REAL REAL REAL REAL	D/V or Port Collar								
STALL COST SCHOL COST Milestry Milestry Milestry Milestry DZOP BALL Hook up to CSG / BEARLY RECUIPTED Start Banguad to Banship 128bls MF to Bulls Hoo Start Equipment START Ploy Room of the Banguad to Banship Start Ploy Room of the Banguad to Banship Guide-Shoe H & M I EA START Ploy Room of the Banguad to	Kun In His sh 17 "	CSG SET) 436	5 San	Sand CC-1 9 GAL C41P 49 1bs					
START PSMPWLG, 10 BAIS 187, 12 BAIS MF 10 BAIS 1820 SILZ FLOAT EQUIPMENT START PIST, R. Hole 30 S Guide-Shore H & M I EA START MIKE PSMp 175 S Proc L (SGI) 14, 3"/(2) Centralizer 7 EA SHUT DOWN WASH UP TUK KELERSE SIZLO Baskets START DISD 175 S Proc L (SGI) 14, 3"/(2) Centralizer 7 EA SHUT DOWN WASH UP TUK KELERSE SIZLO Baskets START OLSP DU ZT-KCL AFU Inserts LITT FS 93 aut 550" Float Shoe I EA LAND PISG 1127 BBJS 1100" Latch Down I EA PS UP CSG 1700" Kelerse I HELD 12 BBJ VOB PUMK Charge LS THANK YOU Mileage WU THANK YOU TART DOWN MATT HARTING	START CSG CSGON 19	battom = TAG	Han	Handling 276					
STAVE PLOY, 2-Hole 305 Guidesshoe H & M IEA STAVE MIKE Prop 175 & Prol 4 (Sti) (4, 3) (12) Centralizer 7 EA SHUT Down Wosh up tilk Kelerze SIZLO Baskets STAVE OLSP 2027-1200 Float Shoe 1 EA LAT Down Wosh up tilk Kelerze SIZLO Baskets STAVE OLSP 2027-1200 Float Shoe 1 EA LAT Discourt Float Shoe 1 EA LAND PLOG 117.7 Bolls 1100 P Latch Down 1 EA PSUP CSG 100 P SERVICE SUV 1EA VELEPSET HELD 12 BAN UMV 30 GODD CIEL THELD 12 BAN Pumptrk Charge LS THANK YOU Mileage 60 PIECASE CAN AGAIN Tax JOWN MATT HAZ THUR Discount	DROP Ball Hook up to	es62 becak decu	NEIG Mile	Mileage 30/ 3230					
STAVE PLOY, 2-Hole 305 Guidesshoe H & M IEA STAVE MIKE Prop 175 & Prol 4 (Sti) (4, 3) (12) Centralizer 7 EA SHUT Down Wosh up tilk Kelerze SIZLO Baskets STAVE OLSP 2027-1200 Float Shoe 1 EA LAT Down Wosh up tilk Kelerze SIZLO Baskets STAVE OLSP 2027-1200 Float Shoe 1 EA LAT Discourt Float Shoe 1 EA LAND PLOG 117.7 Bolls 1100 P Latch Down 1 EA PSUP CSG 100 P SERVICE SUV 1EA VELEPSET HELD 12 BAN UMV 30 GODD CIEL THELD 12 BAN Pumptrk Charge LS THANK YOU Mileage 60 PIECASE CAN AGAIN Tax JOWN MATT HAZ THUR Discount	START PSMPING 10 BHISH?	, 123613 MF 10 BW	1 H20	51/2	2 12				
START MK: Pomp 175 & Pro(J(Sh) 14.9"/1" Centralizer 7 EA SHJT Dawn Wesh up tick Kelerse SIZLD Baskets START OLSP 20 27-KCL AFU Inserts LIFT TS: 93 aut 550" Float Shoe 1 EA LAND PI36 117.7 Bbls 1100" Latch Down 1 EA PSi up CS6 1700" Kelenset 14ELD 12 Bbl GODD CLEU THEJ DOB Pumptrk Charge LS THANK 700 Mileage 60 Tax JOND MATT HZ THUR	STAR PIS' R- HOLE	ROE	, Guid	Guide Shoe HEM LEA					
SHJT Dawn Wesh up tilk Kelenze SIZLO Baskets START OLSD 20/21/KCL AFU Inserts LIFT TS: 93 at 550 ^H Float Shoe 1 EA LAND PISG 117.7 BSIS 1100 ^H Latch Down 1 EA PSi up CSG 1700 ^H SERVICE SAV 1EA Release 1 HELD 1/2 Bb1 UMV 30' GODD CIEL THRU JOB Pumptrk Charge LS THANK 70V Mileage QU TEASE CALL AGAIN Tax DOWN MATT HATHUR Discount			4. 31/(al Cen	ntralizer	7 EA		0		
START DISP. 20 2% KCL AFU Inserts LIFT FS: 93 at 550 ^H Float Shoe / EA LAND PI26 117.7 Bbls 1100 ^H Latch Down / EA PSi up CS6 1700 ^H SERVICE SANY / EA Release: 14ELD / 2 Bbl UMV 30 GODD CIEC + MRJ 2003 Pumptrk Charge LS THANK 700 Mileage 60 PIEASE CALL AGAIN Tax DOWN MATT H2 HUR Discount				kets		1 1 V 1 1			
LIFT FS:93 at 550"Float Shoe (EALAND PI26 1177 BBIS 1100"Latch Down I EABS: up CS6 1700"SERVICE SUNV IEARelease (HELD 12 Bb)UMV 30"GODD CIEC THELD 12 Bb)Pumptrk Charge LSTHANK YOUMileage 60PIEASE CALL AGAINTaxTOWD MATT H2 THURDiscount	the second se		J Inserts		²⁰ 8				
LAND PISG 117.7 BSIS 1100*Latch Down 1 EAPSI UP CSG 1700*SERVICE SINV 1 EAKELEASE 1 HELD 1/2 BB1UNV 30GODD CIEC + HRU 2003Pumptrk Charge LSTHANK 700Mileage 60PIEASE CALL AGAINTaxTOUD MATT H2 HNRDiscount	1 and the second second	Floa	Float Shoe (EA						
PSI UP CSG 17001th SERVICE SINV IEA RELEASE! HELD 12 Bb1 UNV 30' GODD CIEL THRU 2003 Pumptrk Charge LS THANK 700 Mileage 60 PIEASE CALL AGAIN Tax JOIN MATT HITHING Discount				Latch Down 1 EA					
GODD CIEL THRU IOB Pumptrk Charge LS THANK YOU Mileage 60 PLEASE CALL AGAIN Tax TOUD MATT HITHIR Discount				SERVICE SUNY LEA					
THANK 900 Mileage 60 PLEASE CALL AGAIN Tax TOWN MATT HIZTHUR Discount				LMV	30'				
PLEASE CALL AGAIN Tax 1000 MATT HIZTANR Discount		Pun	Pumptrk Charge						
PLEASE CALL AGAIN Tax 1000 MATT HIZTANR Discount	THANK 900	Mile	Mileage QU						
	PLEASE CALL A	GAIN				Tax	a an ⁹⁰⁰		
X Total Charge	I TRAM CRIDI-				Discount				
Signature	X Signature				Total Charge	a farmer and			



Bottom Hole Vertical Wellbore Coordinates: Ground Elevation (ft): 1897' Logged Interval (ft): 3700'

K.B. Elevation (ft): 1902' Total Depth (ft): 4867' To: 4867' 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

Drilling Report

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

Surface Coordinates: 990' FSL & 330' FEL

7/2/24 MIRT

7/6/24 Start Up

7/7/24 Drilling @ 513'

7/8/24 WOC @ 1029'

7/9/24 Drilling @ 2180'

7/10/24 Drilling @ 3722'

7/11/24 CFS @ 4613'

7/12/24 TOH @ 4867'

3800

7/13/24

Done - Release Rig @ 6:15 AM

Rate of Penetration ROP (min/ft) Gas (units) .ithology **Geological Descriptions** DSTs/Mud/Surveys, etc. B ROP (min/ft) 3750 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

