KOLAR Document ID: 1777719

Confident	tiality R	equested:
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	- DESCRIP	WELL &	IFASE
	IIISTORI			LLASL

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.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	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 EOR 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 #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date 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: 1777719

Operator Name:	Lease Name: Well #:
Sec TwpS. 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 Perforate Protect Consists		Туре	Type of Cement # Sacks				Type and	and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone											
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three			
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>				
Estimated Production Oil Bbls Per 24 Hours		Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio Gra				Gravity		
DISPOSITIO	N OF GAS:		METHOD OF (TION:		PRODUCTION INTERVAL:			
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			Top Bottom			
Shots Per Perforation Perforation Bridge Plug			Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:							

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	FRANK CERROW 7
Doc ID	1777719

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	305	Common	2% gel 3% CC
Production	7.875	5.5	15.5	3643	Common	10% Salt 5% Gilsonite

			Geologic Report	Report	
Consulting, Inc.			Drilling Time and Sample Log	Sample L	06
Operator Patte	Patterson Energy, LLC.	nergy,	LLC.	KB Ele	Elevation 2100'
Lease Frank Cerrow	errow		No. 7	GL DF	2092'
API # 15-163-24502-0000	24502-0	000	-	÷ -	Casing Record
Field Inline				190 sks Cla	190 sks Class A 2%G, 3%CC
•				145 sks Class	
Location 1650' FNL & 1800' FEL	FNLX	, 1800 ,	FEL	Electri	Electrical Surveys
Sec. 23	Twp.	9_{s}	Rge. 19w	CNL/CD	CNL/CDL, DIL, MEL
County Rooks	oks	State	Kansas		
Formation	Samp	Sample tops	Log Tops	Datum	Struct Comp
Anhydrite	14	1488'	1486'	+614	+613 (+1)
Base	15	1526'	1524'	+576	NA
Topeka	30	3040'	3036'	-936	-938 (+2)
Heebner	32	3245'	3243'	-1143	-1142 (-1)
Toronto	32	3265'	3264"	-1164	-1162 (-2)
Lansing	3284'	84'	3282'	-1182	-1180 (-2)
BKC	55	3504'	3501'	-1401	NA
Arbuckle	35	3524'	3522'	-1422	-1419 (-3)
Total Depth	3862'	62'	3601'	-1501	
Reference Well For Structural Comparison	structural (Compariso	Stanolind O&G	Frank Cerrow #2	
NE SW NE Sec. 23 T9s R19w		Rooks Co. KS			

Jason T Alm Hard Rock C	Respec				The Frank Cerrow #7 ran structurally slightly lower than expected. No Drill Stem Tests were conducted. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Frank Cerrow #7 well.	Summary and Recommendations	Mud Type Chemical	Displacement 2770'	Geological Supervision From 3000' To	3000'	Drilling Time Kept From 2900' To	4-3-2024 Completed	tractor Disc
Jason T Alm Hard Rock Consulting, Inc.	Respectfully Submitted,				than expected. No ta had been examined ng to further evaluate	18			RTD	RTD	RTD	+-10-2024 RTD	nc. Rig #2
	Dolprim Lmst fw7>	shale,	grn	Carbon Sh shale, red									
			ОТН	IER SYMBOL	S								
		DST DST Int DST alt Core		OIL SHOWS DST ● Even Stn ■ DST Int ● Spotted Stn 50 - 75 % ■ DST alt									

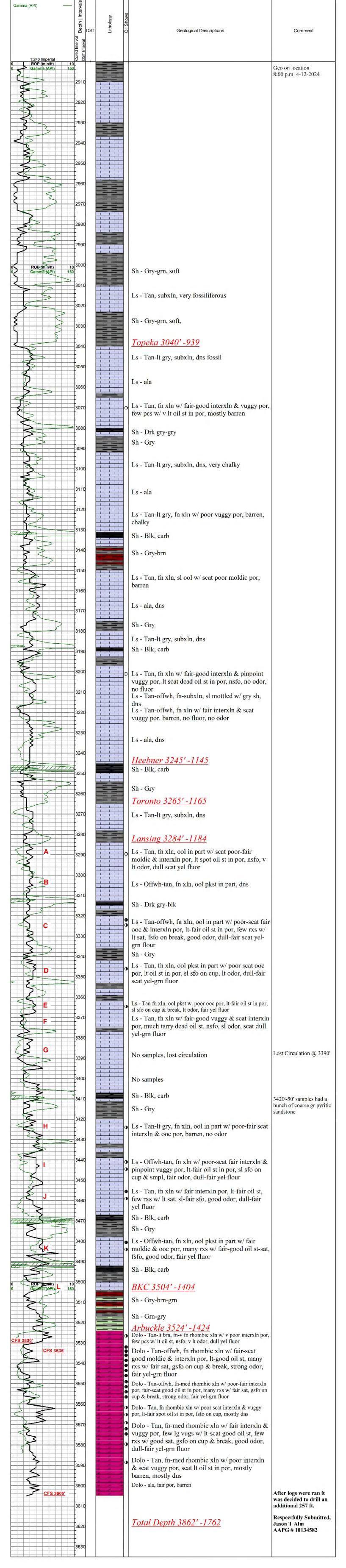
Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

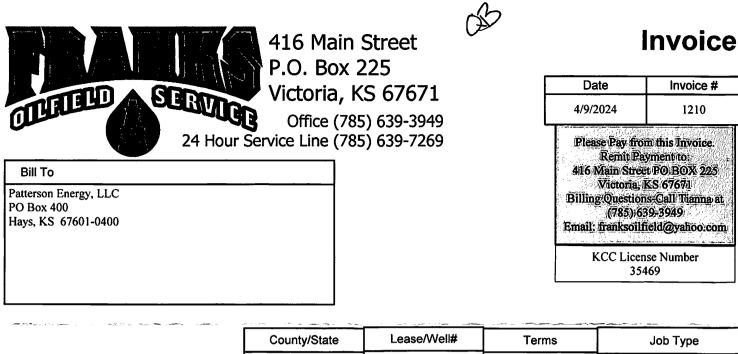
Curve Track #1 ROP (min/ft) ______ Gamma (API) ______

📕 tail pipe

O Spotted Stn 1 - 25 %

O Questionable Stn
 D Dead Oil Stn
 ■ Fluorescence





		County/State	Le	ase/Well#		Terms	Job Type
		Rooks County, KS	Fran	k Cerrow #7		Net 30	Surface
	Description			Quantity		Rate	Amount
Pump Charge Mileage 9.22 tons at 49 miles 80/20 3%CC 2% Gel Discount				4	1 49 51.78 190	1.	.50 318.50 .50 677.67 .95 3,980.50T
	W frunk 1	»					

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$5,630.34
We appreciate your business and look	Sales Tax (7.0%)	\$264.70
forward to serving you again!	Balance Due	\$5,895.04

승규는 문화 영국.

FRANKS Oilfield Service

1210 TICKET NUMBER

♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269 ◆ Office Phone (785) 639-3949

DATE

CUSTOMER #

Email: franksoilfield@yahoo.com

LOCATION Victoria FOREMAN Trem Walling

FIELD TICKET & TREATMENT REPORT CEMENT TOWNSHIP WELL NAME & NUMBER SECTION RANGE COUNTY

USTOMER CUSTOMER Patterson MAILING ADDRESS	Frank Lenrow	#7	23	9	19	Roales
CUSTOMER'	Enoral LAL		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS	35		103	Chr3 M		
			201	JACKT		
CITY	STATE ZIP CODE			Tom W		
					,	
JOB TYPE Sus Full	HOLE SIZE 1.274 "	HOLE DEPTH	1305'	CASING SIZE & W	EIGHT <u>53/5</u>	
CASING DEPTH 30.5	DRILL PIPE				OTHER	
SLURRY WEIGHT	SLURRY VOL	WATER gal/sl	<	CEMENT LEFT in (CASING	
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI		RATE		
REMARKS: SGE ty M	pyting + Got		A P. GCar	+r #2	Corner	mud
AT: V 19064 St	120 sartice bl	lead - d	. s Alace	18 14 Bhl	shat i	n Im
			, , , , , , , , , , , , , , , , , , ,			
aood a	inculation of	LAMIN	E			
3			-			

Thanks Tom + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
F1002	1	PUMP CHARGE SURTALL	\$95000	\$95000
maal	49	MILEAGE	\$4,50	\$31850
maaz	9.22 tons	Ton Mileave Delivere	\$177 47	\$477.47
CBOD7	19054	1979 80120 3901 290601	\$20 95	\$3,980 50
		, , , , , , , , , , , , , , , , , , ,		
			sto total	\$5,924 47
		less less	5% disc.	\$296 33
			ELD TOTCI	\$5,130 34
·				
	· · · · · · · · · · · · · · · · · · ·			
				11.11.70
		· · · · · · · · · · · · · · · · · · ·	SALES TAX	264.70
-			TOTAL	5895-04
AUTHORIZATION			DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

416 Main Street P.O. Box 225 Victoria, KS 67671 Office (785) 639-3949 DS

24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
4/15/2024	1217
Please Pay from Remit Pa 416 Main/Stree Victoria, Billing, Question (785))6 Bmail: franksoilf	yment to: # PO'BOX <u>225</u> KS(67671 is-Call Ti <u>anna</u> at 39-3949
KCC Licen 354	ise Number 169

Bill To

Patterson Energy, LLC PO Box 400 Hays, KS 67601-0400

OLHED

SERV

	County/State	Lea	se/Well#		Terms	Job Type	
	Rooks County, KS	Frank	Frank Cerrow #7		Net 30	DV Tool	
Description	•		Quantity		Rate	Amount	
Pump Charge Mileage 17.98 tons at 49 miles Class A 10% salt, 5 Kolseal 60/40 8% gel 1/4# Flo-Seal 5-1/2" Basket 5-1/2" Turbalizer Centralizers 51/2 Stop Ring 5-1/2" Flex Latchdown Plug & Assembly 5-1/2" Triplex Shoe 5-1/2" DV Tool Mud Flush KCL Discount	writ ju		8	1 49 81.02 145 275 3 7 3 1 1 1 500 2	950.00 6.50 1.50 27.00 17.95 275.00 80.00 35.00 4,200.00 1.750.00 4,200.00 -1,006.81	318.50 1,321.53 3,915.00 4,936.25 825.00 105.00 105.00 1,750.00 4,200.00 500.00 60.00	

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$19,129.47
We appreciate your business and look	Sales Tax (7.0%)	\$1,166.83
forward to serving you again!	Balance Due	\$20,296.30

FRANKS Oilfield Service ♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269

TICKET NUMBER 1217 LOCATION 1/ Charta

1

♦ Office Phone (785) 639-3949

♦ Email: franksoi

Email: franksoilfield@yah	FOREMAN	Tom Will	ium 5				
FIELD TICKET & TREATMENT REPORT							
CEMENT							
WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			

DATE	CUSTOMER #	WEL	L NAME & NUMI	BER	SECTION	TOWNSHIP	RANGE	COUNTY
04-15-24	34888	Frink	CERTAW	7	23	9	19	Racks
CUSTOMER								
<u> </u>	Herson	Energy	د		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	ESS	5_	>		103	Tom W		<u> </u>
					2-301	ConnerD		
CITY		STATE	ZIP CODE			PRESERA		
JOB TYPE	1001	HOLE SIZE 7	7/28	_ HOLE DEPTH	1 3847 1	CASING SIZE & WI	EIGHT <u> <i>5 </i>/2</u> "	4.5.5
CASING DEPTH	3442'	DRILL PIPE					OTHER D.U.	- 1493'
SLURRY WEIGH	т <i>іЧ.</i> 8 * / <i>іі.</i> 7 *	SLURRY VOL	5/2.4	WATER gal/sl	k	CEMENT LEFT in C	ASING _26.4	<u>, , , , , , , , , , , , , , , , , , , </u>
DISPLACEMENT	· · · · · · · · · · · · · · · · · · ·	DISPLACEMEN	T PSI	MIX PSI		RATE		
REMARKS: So	for m	esting	+ ran	Florit	Equina	Ant Hooks	dul	head +
circula	red Soc	1hr.	M:x .50	Davi 1	Mud \$145	h Sollowd	by 20 B	bl KCL
Whether,	M:x 14	5 54 0	we We	ished u	A T Pis	Alace Alus	with	Water appl
mid Do	on dant	15mil	DUMA	dart.	Hoaked	LAto m		
16~ Plu	6 PH 9	- MH I	uma 1:	te IA	ment.)	Tisplace p	Iva: Rely	075 J.
PREJOM	Skorley	c mare	off				-)	
	,							
Lemt	me die	1 Circl	love		•	Thanles .	Tom FLA	ew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PLOQI		PUMP CHARGE DV TOO!	\$95000	\$950 °D
MODI	49	MILEAGE	\$ 1,50	\$31850
MOOZ	17.98 6015	Tan M. Leage Del: VONU	\$132153	\$132153
CB031	12554	Class A 1090521E 5# Kolser (\$27 00	#391500
(BOZ)	275 sailes	GO140 Stagel 1/4# Slawseel	\$17 95	\$4,934,25
FF022	3	5'h" basky t	\$275 "	\$825 cc
FEDIH	2	Stat tupolizer	48000	\$540 ^W
FE102	n	Sta ston Ning	\$35 00	\$10500
FE052	1	54" hotch drive Dlug 056	\$49500	469500
FE093	7	Shi triplex shop	\$175000	\$175000
FE089	1	54° DV tool	\$4200 00	\$420000
CP013	500401	50 MUN Slush	\$100	450000
(9014	2041	KLL.	\$3000	\$1,000
	<i></i>			
			sib total	\$20,13428
		less	5% disc	+1001,81
		· · · · · · · · · · · · · · · · · · ·	Sch total	\$19,12947
			SALES TAX	1166.83
	1.		ESTIMATED TOTAL	20296.30
AUTHORIZATION		TITLE	DATE	

(\$

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.