24-CONS-3299-CUIC

Kansas Corporation Commission Oil & Gas Conservation Division

20250307161523
Filed Date: 03/07/2025
State Corporation Communication

State Corporation Form U-18 Sion
March 2023
Form Massase Typed
Form must be Signed
All blanks must be Filled

APPLICATION TO AMEND INJECTION PERMIT

Salt Water Disposal	Permit Number:D-00801.0		<u> </u>
	1/4 Sec5	Twp. 12 S. R. 17	East West
Repressuring	2663 Feet from	North / V South Section Lin	
Other Enhanced Recovery	666 Feet from	t	
	Lease: Shutts B	East / West Section Lin	е
		7 19 11/10-00 00	
	Well #: 13 - 03	7-19,140-00-00	
			County, Kansas
	Originally granted to: Phillips I	² etroleum Company	
(All information above this line taken from the original perm	(t) /_ /		
Current Operator: License # 34888 CXD. 03/	Contact Pers	on: Zach Patterson	
Company Name: Patterson Energy LLC (WOZKING CYERATOR)	CCA Qtus' Rog	er L. Moses	
Address: PO Box 400, Hays, KS. 67601	(As listed on operato/ I. PO Ri		Received by Composition Commission
785_250_3717		CS 67601	
ritorie.	785-6	0110 reacon.com	DEC 16 2024
		Concurvat	ilon Division, Wehlta, KS
It is requested that the (caption) (paragraph # $\frac{B}{}$) o	f the original permit be amended as	follows:	
A. Change the authorized injection pressur	e to: psi maximum from	the current permitted pressure of	psi.
 B. Change the authorized injection rate to: 	10,000 hbi/day maximum from the	ne current rate of 1200 bbl/day	ď
C, Add () or delete (by the Conservation Division,) the following leases/facilities sup	plying produced sattwater or other fl	uids approved
Company Name	Lease Name	Lease Description	
1.			
2			(Roger L Muses Paicl
3			Paid
4		7	100.00ck 1403
5		4	12/16/24)
6			
		,,	_
7			_
8	v)		-
,	,,		
D. Change the permit by: () add	d the following repressuring wells:		;
() change the injection forma	tion; or () change well co	nstruction; or () other:	

My Appt. Expires 6/12/2038

Offset Operators, Unleased Mineral Owners and Landowners

(Attach additional sheets if necessary)

Name _	Patterson Energy LLC	_ Legal Description of Leasehold	NE/4, Section 5-12s-17w, Ellis Cty, KS.
Oil Pro	oducers Inc of Kansas, NW/4, Sec 5-12s-17w Ellis Cty, KS.		
Talon	Group LLC, SE/4, Sec. 5-12s-17w & SW/4 Sec. 32-11s-17v	w, Ellis Cty, KS. PO Box 700, Hay	s, KS. 67601
Murfin	Drilling Company, Inc, NW/4 Sec. 4-12s-17w, Ellis Cty, KS	, 250 N. Water St., Ste 300, Wichi	ita, KS. 67202
Patter	son Energy LLC, NE/4 & SW/4, Sec 5-12s-17w. SE/4, Se	c. 32-11s-17w. SW/4, Sec. 4-12s	s-17w, Ellis Cty, KS.
	·		
	I hereby certify that the statements made herein a	are true and correct to the best of	f my knowledge and belief.
	2	\wedge	Promitted by Kansas Garparakan Garaniseia
	_Kag	Applicant or Duly Authoriz	Agent DEC 16 2024
	Subscribed and sworn to before me this	day of December	Gonservalion Division, Wichita, I
		Sotary Public	
	My Commission Expires: 6/12/2028	volary Public	JARED VAUGHN Notary Public - State of Kansas

Instructions for Form U-8

Application to Amend Injection Permit

- 1. All requested changes in injection authority must be submitted with this form.
- 2. Complete the top portion, (side 1) of the form with the information requested for the pilot well, as shown on the original order or permit.
- 3. Complete the current operator information, listing the license number, current name and address, contact person and phone number.
- 4. Fill in the type of change or amendment desired. Leave blank any sections not applicable.
- 5. For amendments adding additional input wells to enhanced recovery permits, the following information must be submitted in addition to pages 1 and 2 of form U-8:
 - a) pages 1 and 2 of form U-1
 - b) an updated map, showing the new well(s) and all existing wells; page 4 of the form U-1.
 - c) a complete log of the well(s) to be added;
 - d) verification of cement (cement tickets, bond log, etc.)
- 6. Attach Affidavit of Notice Served, page 5 of form U-1.
- 7. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
- 8. All applicable fees must accompany this application.
- After confirming the Conservation Division's receipt of this application, publish notice of the application in the official county newspaper of record where the well(s) is located. Mail a copy of the affidavit to the Conservation Division upon receipt from the newspaper.

Kansas Corporation Commission Oil & Gas Conservation Division

August 2020 Form must be Typed Form must be Signed All blanks must be Filled

Form U-1

APPLICATION FOR INJECTION WELL

API Number: 15-051-19140-00-00 Well Location Territary Delecember 10, 2024 Deperator License Number: 34888 Operator License Mumber: 34888 Operator License Number: 34888 Operator License Mumber: 34888 Operator Licen	Disposal 🔳	Pr	ermit Number: D-00801	.0				
Well Location Tertiary 2663 feet from \$ / N Line of Section 666 feet from \$ / N Line of Sec		Al	Pl Number: 15-051-1914(0-00-00				
December 10, 2024 December 10, 2024 Departor License Number: Patterson Energy LLC PO Box 400 Hays, KS. 67601 December 2 ach Patterson Ease Description: December 3 4888 Departor: Departor License Number: PO Box 400 Hays, KS. 67601 Datum: NAD27 NAD83 WGS84 Lease Description: NEM, Section 5-12s-17w, Ellis Cty, KS. Deaperst Usable Water Formation: Departor License Number: Datum: NAD83 WGS84 Lease Description: NEM, Section 5-12s-17w, Ellis Cty, KS. Deepest Usable Water Formation: Deepest Usable Water Formation: Depth to Boltom of Formation: T80' Detection Formation: Description: Description: Tendin: Description: Tendin: Description: Tendin: Description: Description: Tendin: Tendin: Description: Tendin:	- Luming							
December 10, 2024 Departor License Number: 34888 Departor License Number: Patterson Energy LLC Datum: NAD27 NAD83 WGS84 Lease Description: NAD27 NAD83 WGS84 Lease Description: NE/4, Section 5-12s-17w, Ellis Cty, KS. Datum: NAD27 Shutts B Well Number: Field Name: Bernis-Shutts Countact Person: Zach Patterson 785-259-3717 Phone: Dattersonenergy lic@gmail.com Description: Despite to Bottom of Formation: Despite to Bottom of Formation: Description: Nowly Drillod Well Surface Elevation: Datterson Formation: Description: Nowly Drillod Well Description: Nowly Drillod Well Description: Des	<u></u> Waterflood		Soo	5 .	12	<u>.</u> _ 17	7 —	The same
Departor License Number: 34888 Departor License Number: 40	<u> </u>							
Operator License Number: 34888 Operator: Patterson Energy LLC Operator: Patterson Energy LLC Address: PO Box 400 Hays, KS. 67601 Contact Person: Zach Patterson 785-259-3717 Phone: Pattersonenergylic@gmail.com Check One: Old Well Being Converted Newly Drilled Well Surface Elevation: 2035 feet Well Total Depth: 4030 feet Plug Back Depth: feet Description: Value of point injection Formation Description: Name Top / bottom To	Date:		666			,		
Patterson Energy LLC PO Box 400 Hays, KS. 67601 Lease Description: NE/4, Section 5-12s-17w, Ellis Cty, KS. Bemis-Shutts B well Number: 1 Lease Name: Shutts B well Number: 1 Lease Name: Bemis-Shutts County: Ellis County: Ellis County: Dakota pattersonenergy C@gmail.com Pattersonenergy C@gmail.com Depth to Bottom of Formation: 780' Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled Well Well to be Drilled Depth: feet Depth feet	Operator License Number:	G					•	
Address: PO Box 400 Hays, KS. 67601 Lease Description: NE/4, Section 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, KS. Lease Description: Newll Newll Selicion 5-12s-17w, Ellis Cty, Ellis	Patterson Energy LLC					(e.	.gxxx.xxxxx)	
Hays, KS. 67601 Lease Name: Shutts B Well Number: 1 Lease Name: Bernis-Shutts County: Ellis County: Ellis Deepest Usable Water Formation: Dakota Depth to Bottom of Formation: 780' Check One: Old Well Being Converted Newly Drilled Well Check One: 2035 feet Well Total Depth: 4030 feet Plug Back Depth: feet Description: Depth to be Drilled Converted Depth: Plug Back Depth: feet Description: Name top / bottom perf / open hole depth Arbuckle 3524 / 4030 Open-hole at 3598 to 4030 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:	PO Box 400					lis Cty, F	KS.	
Lease Name: Shutts B Well Number: 1		Le	ease Description:					
Field Name: Bemis-Shutts County: Ellis County: Ellis Deepest Usable Water Formation: Dakota Depth to Bottom of Formation: Plug Back Depth: Geet (reference mean sea level) Description: Plug Back Depth: Geet (reference mean sea level) Conscirution: Description: Name top / bottom perf / open hole depth Arbuckle 3524 / 4030 Open-hole at 3598 to 4030 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:	Trays, res. 5, 55	_	Shutts B		Moll Nue	1		***********
Contact Person: Zach Patterson Phone: pattersonenergyllc@gmail.com Email: Deepest Usable Water Formation: Dakota Depth to Bottom of Formation: Plug Being Converted Newly Drilled Well Check One: Old Well Being Converted Newly Drilled Well Surface Elevation: 2035 feet Well Total Depth: 4030 feet Plug Back Depth: feet Datum of top of injection formation: -1563 feet (reference mean sea level) Conscription: Name top / bottom perf / open hole depth Arbuckle 3524 4030 Open-hole at 3598 to 4030 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:			Bemis-Shutts	 S	Well Null	юет		
Deepest Usable Water Phone: Ph		["	Ellis					
Phone: Phone: pattersonenergyllc@gmail.com Pattersonenergyllc@gmail.com Dakota Depth to Bottom of Formation: T80'	Contact Person: Zach Patterson							
Depth to Bottom of Formation: Page Pattersonenergy Company Page Pattersonenergy Conserved Page Pa	785-259-3717							
Check One: Old Well Being Converted Newly Drilled Well Well to be Drilled Conservation Commission Conservation Feet Well Total Depth: 4030		1		780'				***************************************
Check One: Old Well Being Converted	Email:		eparto boacia or Formadon.					
Injection Formation Description: Name top / bottom perf / open hole depth Arbuckle 3524 / 4030 Open-hole at 3598 to 4030 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:	Surface Elevation: 2035 feet Well Total Depth: 4030		LJ		Ecos (M)			
Arbuckle	Datum of top of injection formation:feet (ref	erence mean sea	level)		Consu	vallen f	Division,	Wichila, KS
Arbuckle 3524 / 4030 Open-hole at 3598 to 4030 feet	Injection Formation Description:							
	•		•			•	1020	
List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:	Arbuckie 3524 /	4030	- Open-noie	at	3090	_ to	4030	feet
				at		to		feet
	List of Wells/Facilities Supplying Produced Saltwater or O (attach additional sheets if necessary)	ther Fluids App	proved by the Conservat	ion Divi	sion:			
Lease Operator Lease/Facility Name Lease/Facility Description Well ID & Spot Location	•	ty Name	•	•			oot Location	ı
1	1		NE/4, Sec. 5-12s-17w		Attached			
Patterson Energy LLC Kessler SE/4, Sec. 32-11s-17w	Patterson Energy LLC Kessler		SE/4, Sec. 32-11s	s-17w				
Patterson Energy LLC Horn NE/4, Sec. 5-12s-17w			NE/4, Sec. 5-12s	s-17w				
Producing Formation Strata Depth Total Dissolved Solids (if available) L/KC 3333 3579			Total Diss	alved So	lids <i>(if availa</i>	able)		
1tofeetmg/i	1 to	feet						mg/l
2. Arbuckle 3579 to 4030 feetmg/l		feet _						mg/l
3 to mg/l	3 to	feet						mg/l
Maximum Requested Liquid Injection Rate: bbls / day; or	Maximum Requested Liquid Injection Rate: bbls /	day; or						
Maximum Requested Gas Injection Rate: scf / day. Type of Gas:	Maximum Requested Gas Injection Rate: scf / d	lay. Type of Gas:			** *** * * * * * * * * * * * * * * * * *			
Maximum Requested Injection Pressure: psig	Maximum Requested Injection Pressure: psig							

Type: Tubing & Packer		Packerless		Tubingless			
		Conductor		Surface	Intermediate		Production

	Conductor	Surface	Intermediate	Production	Tubing
Size	N/A	8.625"	5.5"	4.5"	2.875"
Setting Depth		1265'	3598'	3590'	3541'
Amount of Cement		600sx	250sx	350sx	
Top of Cement		0'	2155'	300'	
Bottom of Cement		1265'	3598'	3590'	

If Alternate II cementing, complete the following:-__ feet with __ Perforations / D.V. Tool at ___ feet, cemented to ______ DL & Sealtite _ Grade -Tubing: 3541' **Baker Locset** Depth -Type. Packer: Concentration —11% Treated water Туре. Annulus Corrosion Inhibitor: List Logs Enclosed: . DEC 16 2024 Well Sketch (To sketch installation, darken the appropriate lines, indicate cement, and show depths.) Conservation Division, Wichita, KS 2 7/8" Tbg @ 3537' 8 5/8" SP @ 1265' w/600sx 5.5" Csg @ 3598' w/250sx Baker Pkr @ 3541' 4.5" Liner @ 3590' w/350sx Open-hole @ 3598'- 4030' Total depth @ 4030' feet below surface