18-CONS-3273-CUIC

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

2018-01-08 14:10:31 Kansas Corporation Commission /s/ Lynn M. Retz Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Enhanced Recovery:	Disposal		Permit Number: E-22297	
□ Wet I Location □ Tertiary □ Tertiary <td>Enhanced Recovery: Repressuring</td> <td>1</td> <td>API Number:15-059-27130-</td> <td>00-00</td>	Enhanced Recovery: Repressuring	1	API Number:15-059-27130-	00-00
SW SE - NE - SE Soc. 18 Twp. 17 s. p. 21 √ [E] w Date: 11/10/2017 Operator License Number: 32834 Operator: JTC Oil, Inc. Operator: JTC Oil, Inc. Osawatomic, KS 66064		,	Well Location	
Date: 11/10/2017 Operator Loarse Number: 32834 Operator Loarse Number: 32834 Operator: JTC Oil, Inc. Address: 35790 Plum Creek Road Osawatomie, KS 66064 is::::::::::::::::::::::::::::::::::::			<u>SW - SE - NE - SE</u> Sec. <u>18</u>	Twp. 17S. R. 21ZEW
Operator Ucense Number: 32834	· · · · ·			feet from N / 🖌 S Line of Section
Operator: JTC Oil, Inc. Image: Strate Organization of the strate Org				
Address: 35790 Plum Creek Road Osawatomie, KS 66064	Operator License Number:		GPS Location: Lat:	, Long:
Osawatomie, KS 66064 North and East of river Lase Name: Blunk Well Number: Contact Person: Tom Cain Phone: 913-755-2959 Depts to Bottom of Formation: Email: Depts to Bottom of Formation: NOV. 2, 7. 2017 Check One: Oki Well Reing Converted I Newly Drilled Well Depts to Bottom of Formation: Surface Elevation: 877 feet Well Total Depts Surface Elevation: 877 feet Well Total Depts Name top / bottom perf / open hole depth Squirrel 502 / 512 perf at 502 o 512 feet Lasse Operator Lease/Facility Name Lease/Facility Description Well D & Spot Location 1 JTC Oil, Inc: Blunk Lease (see lease desc) Producing wells on lease 2				
Contractions, No court Lease Name: Blunk Well Number: 1-10 Contact Person: Tom Cain Paola-Rantoul County: Franklin Deepst Usable Water Phone: 913-755-2959 Formation: NOV 2.7 2017 Email: Deptst Usable Water Formation: NOV 2.7 2017 Check One: Old Well Being Converted Image: Newly Drilled Well Well to be Drilled RECEIVED Surface Elevation: 877 feet Well Total Depth: 560 feet Plug Back Depth: 535 feet Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation Description: Name top / bottom perf opn hole depth Squirrel 502 / 512 perf at 502 to feet Ist of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feat feat 1				4 of Section 18-17S-21E,
Contact Person: Tom Cain Phone: 913-755-2959 Email: Deepest Usable Water Formation: NOV 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Check One: Old Well Being Converted Image: Nov 2.7 - 2017 Surface Elevation: 877 feet Well Total Depth: 580 Name Ease/Facility Description NOV 2.7 - 2017 Name top / bottom perf / open hole depth Squirrel 502 / 512 perf at 502 o 512 List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet feet 1 JTC Oil, Inc. Blunk Lease <t< td=""><td>Osawatomie, KS 66064</td><td></td><td></td><td>L_10</td></t<>	Osawatomie, KS 66064			L_10
Contact Person: Tom Cain Phone: 913-755-2959 Email: Depst USable Water Formation: NOV 2.7 2017 Check One: Old Well Being Converted ✓ Newly Drilled Well Dept to Bottom of Formation: Surface Elevation: 877 feet Well Total Depth: 500 feet Plug Back Depth: 535 feet Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation Description: Name top / bottom perf / at 502 feet 512 feet Squirrel 502 / 512 perf at to feet top / bottom perf / at to feet to feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: at to feet feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: etese/Facility Description Well ID & Spot Location 1 JC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2		<u></u>	Lease Name: Diulik Paola-Paptoul	Well Number:
Contact Person: 10m Cain Phone: 913-755-2959 Email: Commation: Email: Deepest Usable Water Email: Depth to Bottom of Formation: Check One: Old Well Being Converted I Newly Drilled Well Surface Elevation: 877 feet Surface Elevation: 877 feet Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation Description: Name top / bottom perf Name top / bottom perf at 502 to Ist of Well's/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: (atch additional sheets if necessary) Lease/Facility Name Lease/Facility Description Well to & Spot Location 1 JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2				
Phone: 913-755-2959 KCC WICHITA Email: Depth to Bottom of Formation: NOV 2.7_2017 Check One: Old Well Being Converted Newly Drilled Well Depth to Bottom of Formation: RECEIVED Check One: Old Well Being Converted Newly Drilled Well Depth to Bottom of Formation: RECEIVED Surface Elevation: 877 feet Well Total Depth: 535 feet Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation: 502 / 512 feet Squirrel 502 / 512 perf at to feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet Lasse/Facility Name Lease/Facility Description Well ID & Spot Location 1, JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2,	Contact Person: Tom Cain			
Email: Depth to Bottom of Formation: NOV 2.7 2017 Check One: Old Well Being Converted I Newly Drilled Well Well to be Drilled Surface Elevation: 877 feet Well Total Depth: 560 feet Plug Back Depth: 535 feet Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation Description: Name depth Squirrel 502 / 512 perf at 502 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: (attach additional sheets if necessary) Lease/Facility Name Lease/Facility Description Well ID & Spot Location 1, JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease producing wells on lease 2.	913-755-2959			KCC WICHITA
Check One: Old Well Being Converted Image: Newly Drilled Well Well to be Drilled Surface Elevation: 877 feet Well Total Depth: 560 feet Plug Back Depth: 535 feet Datum of top of injection formation: +375 feet reet (reference mean sea level) Image: Name depth Squirrel 502 / 512 perf at 502 to 512 feet Squirrel 502 / 512 perf at to feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: feet feet 1 JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2				
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Datum of top of injection formation: +375 feet (reference mean sea level) Injection Formation Description: Name top / bottom perf / open hole depth Squirrel 502 / 512 perf at 502 to 512 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: at to feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: (atach additional sheets if necessary) Lease/Facility Description Well ID & Spot Location 1 JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2			kasuusand	
Injection Formation Description: top / bottom perf / open hole depth Squirrel 502 / 512 perf at 502 to 512 feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: at to feet List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: at to feet Lasse Operator Lease/Facility Name Lease/Facility Description Well ID & Spot Location 1. JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2.				
Name top / bottom perf / open hole depth Squirrel 502 / 512 perf at 502 to 512 feet Lessel/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: at to feet Lease Operator Lease/Facility Name Lease/Facility Description Well ID & Spot Location 1 JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2				
Image: state of the state	•	top / bottom	perf / open hole	depth
List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division: Lease Operator Lease/Facility Name Lease/Facility Description Well ID & Spot Location 1. JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2.	Squirrel	502 / 512	perf at	to feet
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Lease Operator Lease/Facility Name Lease/Facility Description Well ID & Spot Location 1. JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2.	List of Wells/Facilities Supplying Proc			
JTC Oil, Inc. Blunk Lease (see lease desc) Producing wells on lease 2.	(attach additional sheets if necessary)			
1.	·		2 1	
3. Producing Formation Strata Depth Total Dissolved Solids (if available) 1. Squirrel 502 to 512 feet MA 2.	1. <u>JTC OII, Inc.</u>	Blunk Lease		
Producing Formation Strata Depth Total Dissolved Solids (if available) 1. Squirrel 502 to 512 feet NA mg/l 2. to to feet mg/l mg/l 3. to feet mg/l mg/l Maximum Requested Liquid Injection Rate: 400 bbls / day; or mg/l	2			
1. Squirrel 502 to 512 feet MA mg/l 2. to	3			
2.		Strata Depth	Total Dissolve	d Solids <i>(if available)</i>
3.	1. Squirrel	502 to 512 fee	NA	mg/l
3.	2,		t	mg/l
Maximum Requested Liquid Injection Rate: 400 bbls / day; or Maximum Requested Gas Injection Rate: scf / day. Type of Gas:			L	ma/l
Maximum Requested Gas Injection Rate: scf / day. Type of Gas:		400		(ign
		5	Gas:	
Maximum Requested Injection Pressure: psig		500		

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

Well Completion

1 . F

ype: Tubir	ng & Packer 🛛 🖌 P	ackerless	✓ Tubingless		
	Conductor	Surface	Intermediate	Production	Tubing
Size		6.25		2.875	
Setting Depth		39		535	
Amount of Cement		7 sx		62 sx	
Top of Cement		surface		surface	
Bottom of Cement		39		535	
bing: Type acker: Type anulus Corrosion Inhibitor	I		Grade Depth Concentral	-	
2.875" Pro @ 535' wit	duction Casing			39' with 7:	ace Casing @ sx
Static fluid level is	feet below su	face		Perfs at 502-! PBTD at 535' TD @ 560'	712'

Offset Operators, Unleased Mineral Owners and Landowners acreage		
(Attach additional sheets if necessary)		
Name:	Legal Description of	Leasehold:
(See Attached Exhibit A)		
	2	
		KCC WICHITA
		NOV 2 7 2017
I hereby certify that the statements made herein are true and correct to the best of my	knowledge and belief.	DECENTED
	•	RECEIVED
	phrase mi	
Applicant	or Duly Authorized Agent	
		2017
Subscribed and sworn before me	this 10 day of November	
MAUREEN ELTON	meen ton	
Notary Public, State of Kansas My Appointment Expires Notary Public		
My Appointment Expires	9/4/2018	
My Commi	ssion Expires:	

Instructions:

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- Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate *(if any)* and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization*.
- 9. All application fees must accompany the application.

unk Lease	e - Docket E-22297 - East 3/4 of 18-17S-21E North	and East of river	· Bo / Ang		
AP NUMBER	LANDOWNER	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEL
1	GEIGER, CHARLES R TRUST	3426 HANCOCK BRIDGE PKWY # 1208	FORT MYERS, FL 33903	18-17S-21E	NW/4 NE/4 AND N/2 NW/4
				17-17S-21E	ALL W OF RIVER
2	FISHER, TWYLAH F TRUST & RATZLAFF, STACI LARAE	PO BOX 943	ELKHART, KS 67590	18-17S-21E	W/2 NE/4 NE/4
3	PORTER, CHARLES FAMILY TRUST	PO BOX 635	OTTAWA, KS 66067	18-17S-21E	E/2 NE/4 NE/4
				18-17S-21E	SW/4 NW/4 N OF RIVER
4	MCNISH TRUSTS	3147 NEVADA TERR	OTTAWA, KS 66067	18-17S-21E	MULTIPLE TRACTS
5	KDOT BUREAU OF RIGHT OF WAY	700 SW HARRISON - FL 14	TOPEKA, KS 66603	18-17S-21E	TRACT NE/4
6	LAGALLE, DWAYNE K	2383 OHIO RD	OTTAWA, KS 66067	18-17S-21E	W/2 S&W OF RIVER
				19-17S-21E	NW/4 N OF MIDDLE CRE
7	BRIGHTWELL, BOBBY H	22523 S FRANKLIN ST	SPRING HILL, KS 66083	19-17S-21E	N/2 NE/4
8	SPRATT, LAURENCE & KATHLEEN	4304 ROCK CREEK RD	RANTOUL, KS 66079	19-17S-21E	S/2 NE/4 LESS TRACT
9	TETER, SHANE M & TURNER, CHELSEA M	2437 UTAH RD	RANTOUL, KS 66079	20-17S-21E	LOT 1 - LANG ESTATES
10	VALDIVIEZ, RONALD P & LISA J	2455 UTAH RD	RANTOUL, KS 66079	20-17S-21E	NW/4 NW/4
11	BROWNRIGG, RODGER & RICK	2110 REDWOOD AVE	EMPORIA, KS 66801	20-17S-21E	NE/4 NW/4
				17-17S-21E	TRACT IN S/2
12	SPRATT, VIVIAN JOANNE TRUST & DIEDIKER, LISA R	1943 PARKER AVE	OSAWATOMIE, KS 66064	17-17S-21E	TRACT IN SW/4
13	LEACH, MARLENE D	35510 W 363 ST	OSAWATOMIE, KS 66064	18-17S-21E	E/2 S OF RIVER
	OPERATOR	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEI
14		2394 UTAH RD	RANTOUL, KS 66079	17-17S-21E	TRACT IN SW/4 (SPRAT
<u> </u>				18-17S-21E	E/2 S OF RIVER (JONES
				20-17S-21E	NW/4 NW/4 (HOBBS)



Page Four

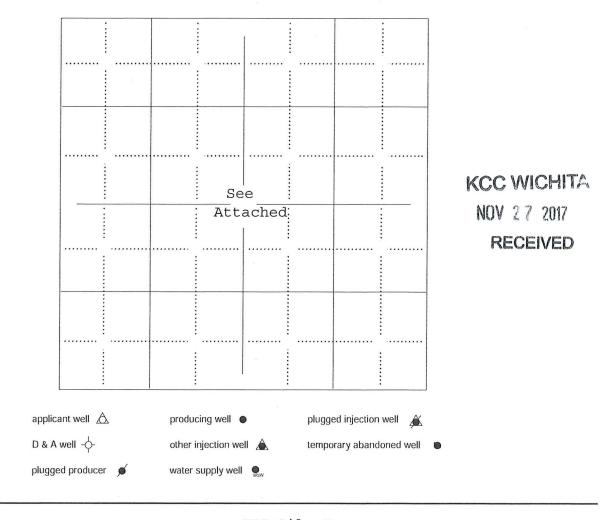
Form U-1 July 2014

Plat and Certificate of Injection Well Location and Surrounding Acreages

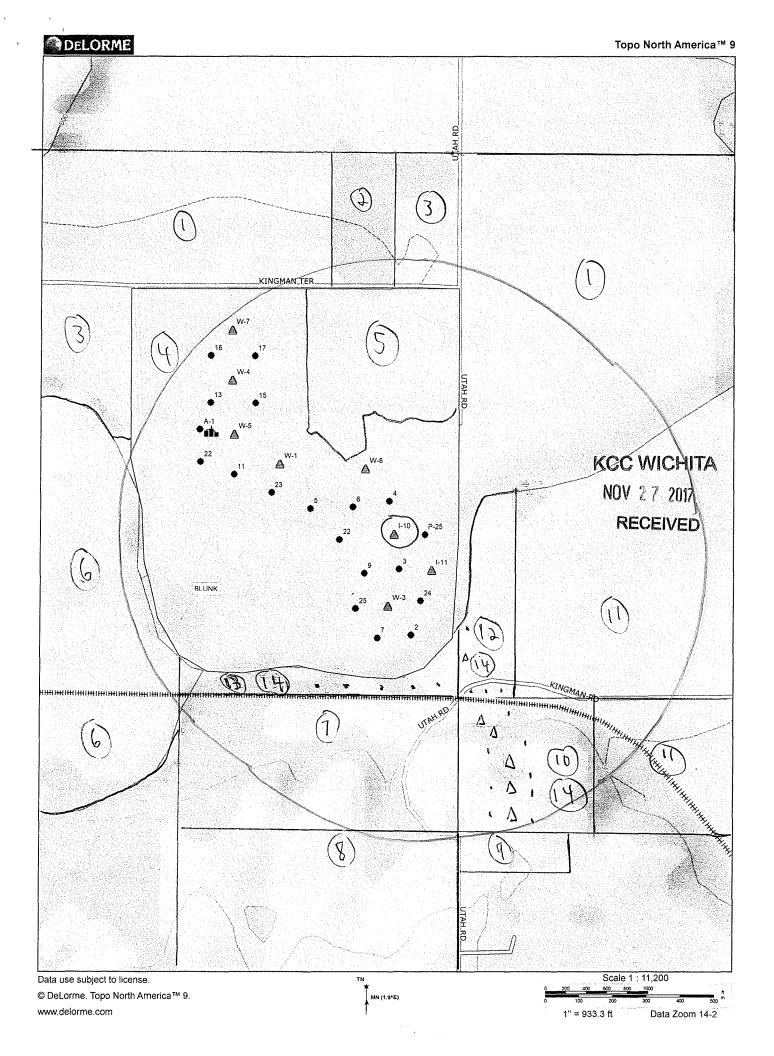
Operator: JTC Oil, Inc.	Location of Well:	SE/4 of 18-17S-21E, Franklin County, Kansas
Lease: Blunk	1603	feet from N / 🗸 S Line of Section
Well Number: 1-10	588	feet from V E / W Line of Section
County: Franklin	Sec. <u>18</u>	Twp. <u>17</u> S. R. <u>21</u> 🖌 East 🗌 West

Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



JTC Oil, Inc. The undersigned hereby certifies that he / she is a duly authorized agent for , and that all of the information shown herein is true, complete and correct to the best of his / her knowledge. Marie Applicant or Duly Authorized Agent 10 November 2017 Subscribed and sworn before me this day of MAUREEN ELTON Notary Public, State of Kansas tment Expires Mv Notary Public 2018 My Commission Expires:



Affidavit of Notice Served

Re:	Application for: Injection		
	Well Name: Blunk I-10	Legal Location:	SE/4 of 18-17S-21E, Franklin County, Kansas
The unde	rsigned hereby certificates that he / she is a duly authorized agent for the ap	plicant, and that o	on the day 10 of November
2017	, a true and correct copy of the application referenced above was	s delivered or mail	iled to the following parties:
Note: A c	copy of this affidavit must be served as a part of the application.		
	Name	Address (Attach	additional sheets if necessary)
See /	Attached		

KCC WICHITA NOV 2 7 2017 RECEIVED

I further attest that notice of the filing of this application was published in the	he Ottawa Herald	, the official county publication
_{of} _ Franklin	county. A copy of the affidavit of this publication is attached	
Signed this day of November,	2017 Applicant or Duly Authorized Agent	
Subscribed and sworn MAUREEN ELTON Notary Public, state of Kansas My Appoint Expires	to before me this 10 day of <u>November</u> <i>Notary Public</i> My Commission Expires: <u>9</u>	, 2017

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513

unk Lease	e - Docket E-22297 - East 3/4 of 18-17S-21E North	and East of river	· Bo / Ang		
AP NUMBER	LANDOWNER	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEL
1	GEIGER, CHARLES R TRUST	3426 HANCOCK BRIDGE PKWY # 1208	FORT MYERS, FL 33903	18-17S-21E	NW/4 NE/4 AND N/2 NW/4
				17-17S-21E	ALL W OF RIVER
2	FISHER, TWYLAH F TRUST & RATZLAFF, STACI LARAE	PO BOX 943	ELKHART, KS 67590	18-17S-21E	W/2 NE/4 NE/4
3	PORTER, CHARLES FAMILY TRUST	PO BOX 635	OTTAWA, KS 66067	18-17S-21E	E/2 NE/4 NE/4
				18-17S-21E	SW/4 NW/4 N OF RIVER
4	MCNISH TRUSTS	3147 NEVADA TERR	OTTAWA, KS 66067	18-17S-21E	MULTIPLE TRACTS
5	KDOT BUREAU OF RIGHT OF WAY	700 SW HARRISON - FL 14	TOPEKA, KS 66603	18-17S-21E	TRACT NE/4
6	LAGALLE, DWAYNE K	2383 OHIO RD	OTTAWA, KS 66067	18-17S-21E	W/2 S&W OF RIVER
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7	BRIGHTWELL, BOBBY H	22523 S FRANKLIN ST	SPRING HILL, KS 66083	19-17S-21E	N/2 NE/4
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10	VALDIVIEZ, RONALD P & LISA J	2455 UTAH RD	RANTOUL, KS 66079	20-17S-21E	NW/4 NW/4
11	BROWNRIGG, RODGER & RICK	2110 REDWOOD AVE	EMPORIA, KS 66801	20-17S-21E	NE/4 NW/4
				17-17S-21E	TRACT IN S/2
12	SPRATT, VIVIAN JOANNE TRUST & DIEDIKER, LISA R	1943 PARKER AVE	OSAWATOMIE, KS 66064	17-17S-21E	TRACT IN SW/4
13	LEACH, MARLENE D	35510 W 363 ST	OSAWATOMIE, KS 66064	18-17S-21E	E/2 S OF RIVER
	OPERATOR	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEI
14		2394 UTAH RD	RANTOUL, KS 66079	17-17S-21E	TRACT IN SW/4 (SPRAT
<u> </u>				18-17S-21E	E/2 S OF RIVER (JONES
				20-17S-21E	NW/4 NW/4 (HOBBS)



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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Form U-1 July 2014 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal			nit Number: E-22297			
Enhanced Recovery: 🖌 Repressurin	g	API	Number: <u>15-059-27144-(</u>	00-00		
Waterflood		Wei	l Location			
Tertiary		<u>NE</u>	- <u>NE - SE</u> - <u>SE</u> Sec. <u>18</u>	Twp. <u>17</u> S. R.	<u>21</u> 🗸 e	w
11/10/2017		[254	feet from N /	S Line of	Section
Date.		- 22	20	feet from 🚺 E /	W Line of :	Section
Operator License Number: 32834		GPS	Location: Lat:	, Long:	(e.gxxx.xxxxx)	
Operator:		Datu	m: NAD27 NAD83	WGS84		
Address: 35790 Plum Creek Road		1	e Description: The East 3/4	4 of Section 18-1	7S-21E,	
Osawatomie, KS 66064			orth and East of river			
		Leas	e Name: Blunk	Well Number:	I-11	
			Name: Paola-Rantoul			
Tom Coin		Сол	nty: Franklin			
Contact Person: Tom Cain		Dee	pest Usable Water			
Phone:		Form	nation:	w.,.		
Email:		Dept	h to Bottom of Formation:	KCC W	ICHTA	
Check One: Old Well Being Conve	rted 🗸 Newly Drilled	I Well	Well to be Drilled	NOV 27	? 2017	
			formation of	PECI	EIVED	
Surface Elevation: <u>871</u> feet W				NEU	SIVED	
	feet (reference	mean sea lev	el)			
Injection Formation Description: Name	ton / hottom		porf / open belo	donth		
Squirrel	top / bottom 488 , 498		perf / open hole at	depth 488		
	//	·	at	to	498	_ feet
	/		at	to		- feet
List of Wells/Facilities Supplying Prot (attach additional sheets if necessary)	duced Saltwater or Other F	luids Appro	ved by the Conservation D)ivision:		
Lease Operator	Lease/Facility Name		Lease/Facility Description	Well ID 8	Spot Location	
JTC Oil, Inc.	Blunk Lease		(see lease desc)	Producing		se
ł,	,		· · · · · · · · · · · · · · · · · · ·		**********	
2						
3						
Producing Formation	Strata Depth		Total Dissolved	l Solids <i>(if available)</i>		
1. Squirrel	488 498	feet MA				_ mg/l
2,	to	feet				_ mg/l
3	to	feet				mo/l
Maximum Requested Liquid Injection Rate:	400 bbls / day; or					
Maximum Requested Gas Injection Rate:	· · · · · · · · · · · · · · · · · · ·					
. ,	500 psig					
maximum requested injection messure:	µsiy					

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

Well Completion

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			✓ Tubingless		
	Conductor	Surface	Intermediate	Production	Tubing
Size		6.25		2.875	
Setting Depth		35		539	
Amount of Cement		7 sx		65 sx	
Top of Cement		surface		surface	
Bottom of Cement		35		539	
bing: Type ncker: Type nulus Corrosion Inhibitor: st Logs Enclosed: <u>Elec</u>	: Type ctronic Log sent elec		Grade Depth Concentrati		
					t @ surface ace Casing @
2.875" Proc @ 539' wit]	duction Casir h 65sx .	ng		35' with 7s Perfs at 488-4	

Offset Operators, Unleased Mineral Owners and Landowners acreage	
(Attach additional sheets if necessary)	
Name:	Legal Description of Leasehold:
(See Attached Exhibit A)	
	4
I hereby certify that the statements made herein are true and correct to the best of m	y knowledge and beller.
	Mahai
A 11	
	nt or Duly Authorized Agent
Subscribed and sworn before	me this 10 day of November , 2017
	1 80
MAUREEN ELTON Notary Public, State of Kansas Notary F	uner Otop
Notary Public, State of Kansas Notary F My Appointment Expires	'ublic
My Appy 197501	mission Expires:9/18/2018

Instructions:

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- Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate *(if any)* and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization*.
- 9. All application fees must accompany the application.

unk Lease	e - Docket E-22297 - East 3/4 of 18-17S-21E North	and East of river	· Bo / Ang		
AP NUMBER	LANDOWNER	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEL
1	GEIGER, CHARLES R TRUST	3426 HANCOCK BRIDGE PKWY # 1208	FORT MYERS, FL 33903	18-17S-21E	NW/4 NE/4 AND N/2 NW/4
				17-17S-21E	ALL W OF RIVER
2	FISHER, TWYLAH F TRUST & RATZLAFF, STACI LARAE	PO BOX 943	ELKHART, KS 67590	18-17S-21E	W/2 NE/4 NE/4
3	PORTER, CHARLES FAMILY TRUST	PO BOX 635	OTTAWA, KS 66067	18-17S-21E	E/2 NE/4 NE/4
				18-17S-21E	SW/4 NW/4 N OF RIVER
4	MCNISH TRUSTS	3147 NEVADA TERR	OTTAWA, KS 66067	18-17S-21E	MULTIPLE TRACTS
5	KDOT BUREAU OF RIGHT OF WAY	700 SW HARRISON - FL 14	TOPEKA, KS 66603	18-17S-21E	TRACT NE/4
6	LAGALLE, DWAYNE K	2383 OHIO RD	OTTAWA, KS 66067	18-17S-21E	W/2 S&W OF RIVER
				19-17S-21E	NW/4 N OF MIDDLE CRE
7	BRIGHTWELL, BOBBY H	22523 S FRANKLIN ST	SPRING HILL, KS 66083	19-17S-21E	N/2 NE/4
8	SPRATT, LAURENCE & KATHLEEN	4304 ROCK CREEK RD	RANTOUL, KS 66079	19-17S-21E	S/2 NE/4 LESS TRACT
9	TETER, SHANE M & TURNER, CHELSEA M	2437 UTAH RD	RANTOUL, KS 66079	20-17S-21E	LOT 1 - LANG ESTATES
10	VALDIVIEZ, RONALD P & LISA J	2455 UTAH RD	RANTOUL, KS 66079	20-17S-21E	NW/4 NW/4
11	BROWNRIGG, RODGER & RICK	2110 REDWOOD AVE	EMPORIA, KS 66801	20-17S-21E	NE/4 NW/4
				17-17S-21E	TRACT IN S/2
12	SPRATT, VIVIAN JOANNE TRUST & DIEDIKER, LISA R	1943 PARKER AVE	OSAWATOMIE, KS 66064	17-17S-21E	TRACT IN SW/4
13	LEACH, MARLENE D	35510 W 363 ST	OSAWATOMIE, KS 66064	18-17S-21E	E/2 S OF RIVER
	OPERATOR	MAILING ADDRESS	CITY/STATE/ZIP	SEC-TWP-RNG	PARCEI
14		2394 UTAH RD	RANTOUL, KS 66079	17-17S-21E	TRACT IN SW/4 (SPRAT
<u> </u>				18-17S-21E	E/2 S OF RIVER (JONES
				20-17S-21E	NW/4 NW/4 (HOBBS)



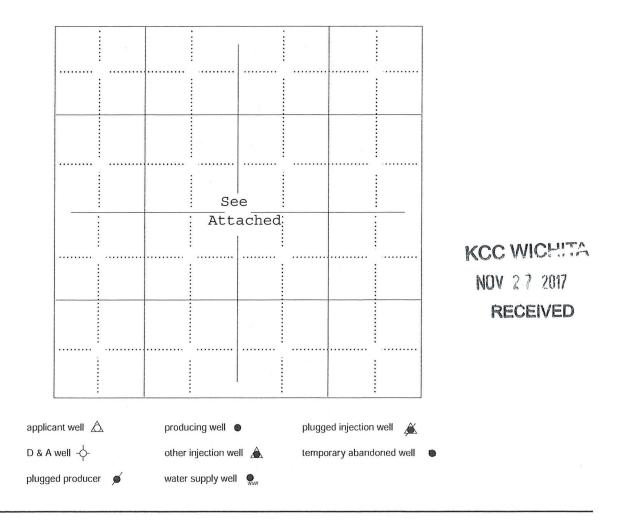
Page Four

Plat and Certificate of Injection Well Location and Surrounding Acreages

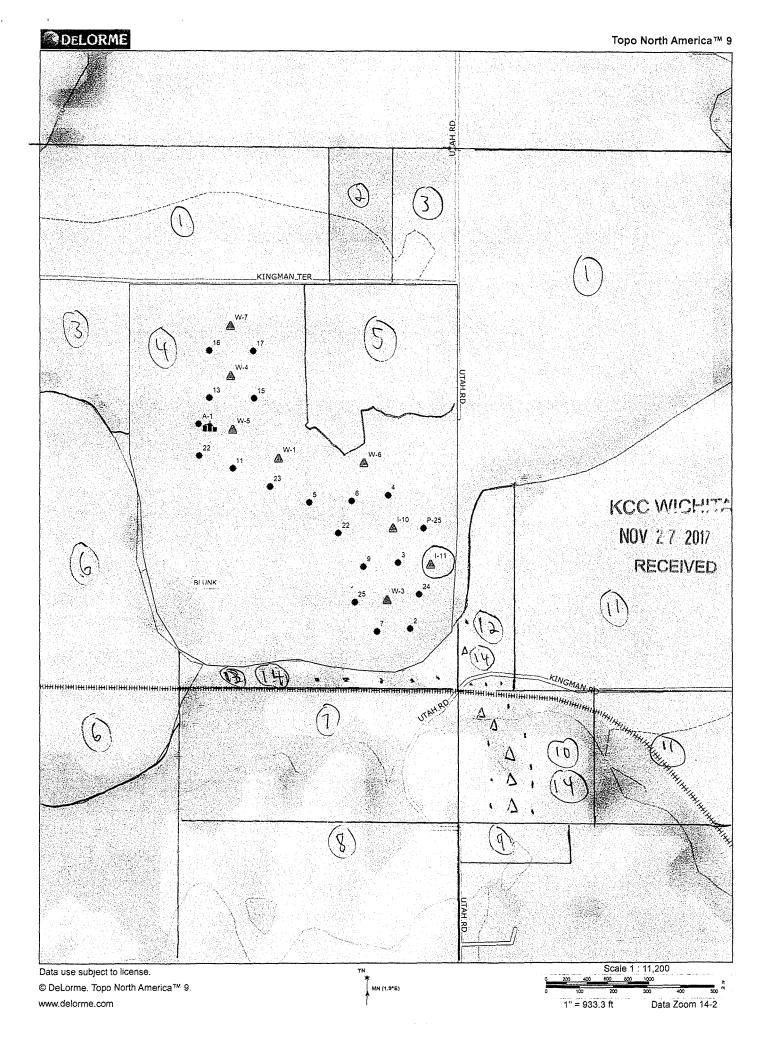
Operator: JTC Oil, Inc.	Location of Well:	SE/4 of 18-17S-21E, Franklin County, Kansas
Lease: Blunk	1254	feet from 🗌 N / 🖌 S Line of Section
Well Number: 1-11	220	feet from 🗹 E / 🗌 W Line of Section
County: Franklin	Sec. <u>18</u>	Twp. <u>17</u> S. R. <u>21</u> East West

Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



JTC Oil, Inc. The undersigned hereby certifies that he / she is a duly authorized agent for , and that all of the information shown herein is true, complete and correct to the best of his / her knowledge. MM Applicant or Duly Authorized Agent 10 November 2017 Subscribed and sworn before me this day of MAUREEN ELTON Notary Public, State of Kansas Notary Public 2018 My Ap ment Expires My Commission Expires:



Affidavit of Notice Served

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Re:	Application for: Injection	·					
	Well Name: Blunk I-11	Legal Location: SE/4 of 18-17S-21E, Franklin County, Kansas					
The unde	The undersigned hereby certificates that he / she is a duly authorized agent for the applicant, and that on the day 10 of November ,						
Note: A d	copy of this affidavit must be served as a part of the application.						
Name Address (Attach additional sheets if necessary)							

See Attached

KCC WICHITA NUV 27 2017 RECEIVED

I further attest that notice of the filing of this application was published in the Ottawa Herald	, the official county publication
of Franklin county. A copy of the affidavit of this publication is attached.	
Signed this 10 day of November , 2017 Applicant or Duly Authorized Agent	
Subscribed and sworn to before me this 10 day of November MAUREEN ELTON Notary Public, State of Kansas My Appointment Expires My Some State My Commission Expires:	, 2017

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

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