

Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION APPLICATION TO AMEND INJECTION PERMIT

2018-11-05 14:25:53
Kansas Corporation Commission
/s/ Lynn M. Retz
Form U-8
July 2014
Form must be Typed
Form must be Signed
All blanks must be Filled

19-CONS-3167-CUIC

- ☐ Salt Water Disposal
☐ Repressuring
☒ Other Enhanced Recovery

Permit Number: E-31,984 3JK ✓
NE 1/4 Sec. 32 Twp. 15 S. R. 21 ☒ East ☐ West
2970 Feet from ☐ North / ☒ South Section Line
1060 Feet from ☒ East / ☐ West Section Line
Lease: McCoy
Well #: 1W
Franklin County, Kansas
Originally granted to: NA

(All information above this line taken from the original permit)

Current Operator: License # 32218 Contact Person: Lesli Baker
Company Name: TDR Construction, Inc.
(As listed on operator license)
Address: PO Box 716 Louisburg, KS 66053
Phone: 913-837-4100

Received
KANSAS CORPORATION COMMISSION

OCT 12 2018

CONSERVATION DIVISION
WICHITA, KS

It is requested that the (caption) (paragraph # _____) of the original permit be amended as follows:

- ☐ A. Change the authorized injection pressure to: _____ psi maximum from the current permitted pressure of _____ psi.
- ☐ B. Change the authorized injection rate to: _____ bbl/day maximum from the current rate of _____ bbl/day.
- ☐ C. Add (_____) or delete (_____) the following leases/facilities supplying produced saltwater or other fluids approved by the Conservation Division.

Company Name	Lease Name	Lease Description
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____

(Attach additional sheets if necessary)

- ☒ D. Change the permit by: (XXXX) add the following repressuring wells: 4WA, 8W, 9W ;
(_____) change the injection formation; or (_____) change well construction; or (_____) other:

Paid-?

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

Offset Operators, Unleased Mineral Owners and Landowners

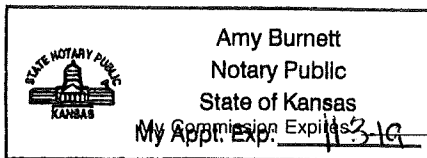
Form U-8

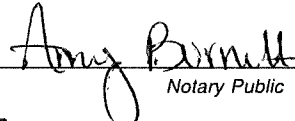
(Attach additional sheets if necessary)

Name Area Permit Legal Description of Leasehold _____

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.


 Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 16 day of October, 2018.


 Notary Public

11-3-19

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. Attach Affidavit of Publication from the official county newspaper.
8. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
9. All applicable fees must accompany this application.

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

Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION APPLICATION FOR INJECTION WELL

Form U-1
November 2011
Form must be Typed
Form must be Signed
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: October 10, 2018

Operator License Number: 32218

Operator: TDR Construction, Inc.

Address: PO Box 716

Louisburg, Ks 66053

Contact Person: Lesli Baker

Phone: 913-837-4100

Email: lesli@dbdoil.com

Permit Number: E-31,984

API Number: 15-059-27197-00-00

Well Location

NW - SW - SE - NE Sec. 32 Twp. 15 S. R. 21 ☒ E ☐ W

2990 feet from ☐ N / ☒ S Line of Section

1060 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: 38.7031071, Long: -95.0970775
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: NE/4 of the Sec.32 Twp.15S R.21E

Lease Name: McCoy Well Number: 4WA

Field Name: Paola-Rantoul

County: Franklin

Deepest Usable Water

Formation: unknown

Depth to Bottom of Formation: 200'

Check One: ☐ Old Well Being Converted ☐ Newly Drilled Well ☒ Well to be Drilled

Surface Elevation: 1044' feet Well Total Depth: 800' feet Plug Back Depth: NA feet

Datum of top of injection formation: NA feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel</u>	<u>734'</u> / <u>753'</u>	<u>open hole</u>	at <u>734'</u> to <u>753'</u> feet
	/		at to feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1. <u>TDR Construction, Inc.</u>	<u>McCoy Lease</u>	<u>NE/4 32-15-21E</u>	<u>See attached inventory</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. <u>Squirrel</u>	<u>722'</u> to <u>758'</u> feet	<u>NA</u> mg/l
2. _____	to feet	mg/l
3. _____	to feet	mg/l

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: NA scf / day. Type of Gas: _____

Maximum Requested Injection Pressure: 600 psig

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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CONSERVATION DIVISION
WICHITA, KS

Well Inventory According to the KCC
TDR Construction, Inc.

Lease Name	Well No.	API Number	Year Drille	Year Assun	Depth	County	Sec	Twp	Rge	Dir	Q4	Q3	Q2	Q1	Feet N-S	N-S	Feet E-W	E-W	Well Type	Well Status	Oil Lease Codes	Latitude	Longitude	Datum
MCCOY	1	15-059-26617-0000	2014		880	Franklin	32	15	21	E	SW	SW	SE	NE	2805 S		1240 E		OIL	PR	145106			
MCCOY	10	15-059-26644-0000	2014		840	Franklin	32	15	21	E	SE	NW	SE	NE	3505 S		865 E		OIL	PR	145106			
MCCOY	2	15-059-26622-0000	2014		840	Franklin	32	15	21	E	SE	SW	SE	NE	2805 S		865 E		OIL	PR	145106			
MCCOY	20	15-059-27182-0000	2018		748	Franklin	32	15	21	E	SE	NE	SW	NE	3505 S		1570 E		OIL	IN				
MCCOY	3	15-059-26628-0000	2013		820	Franklin	32	15	21	E	SW	SE	SE	NE	2805 S		505 E		OIL	PR	145106			
MCCOY	4	15-059-26626-0000	2013		820	Franklin	32	15	21	E	SE	SE	SE	NE	2805 S		165 E		OIL	PR	145106			
MCCOY	5	15-059-26627-0000	2014		880	Franklin	32	15	21	E	NW	SW	SE	NE	3135 S		1240 E		OIL	PR	145106			
MCCOY	6	15-059-26623-0000	2014		840	Franklin	32	15	21	E	NE	SW	SE	NE	3135 S		865 E		OIL	PR	145106			
MCCOY	7	15-059-26624-0000	2014		840	Franklin	32	15	21	E	NW	SE	SE	NE	3135 S		505 E		OIL	PR	145106			
MCCOY	8	15-059-26625-0000	2014		820	Franklin	32	15	21	E	NE	SE	SE	NE	3135 S		165 E		OIL	PR	145106			
MCCOY	9	15-059-26643-0000	2014		940	Franklin	32	15	21	E	SW	NW	SE	NE	3505 S		1240 E		OIL	PR	145106			

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CONSERVATION DIVISION
WICHITA, KS

Well Completion
 Type: ☐ Tubing & Packer ☒ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	8 5/8"	NA	2 7/8"	NA
Setting Depth	NA	21'	NA	734'	NA
Amount of Cement	NA	4 sx	NA	85 sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	21'	NA	734'	NA

If Alternate II cementing, complete the following:

 Perforations / D.V. Tool at NA feet, cemented to NA feet with NA sx.

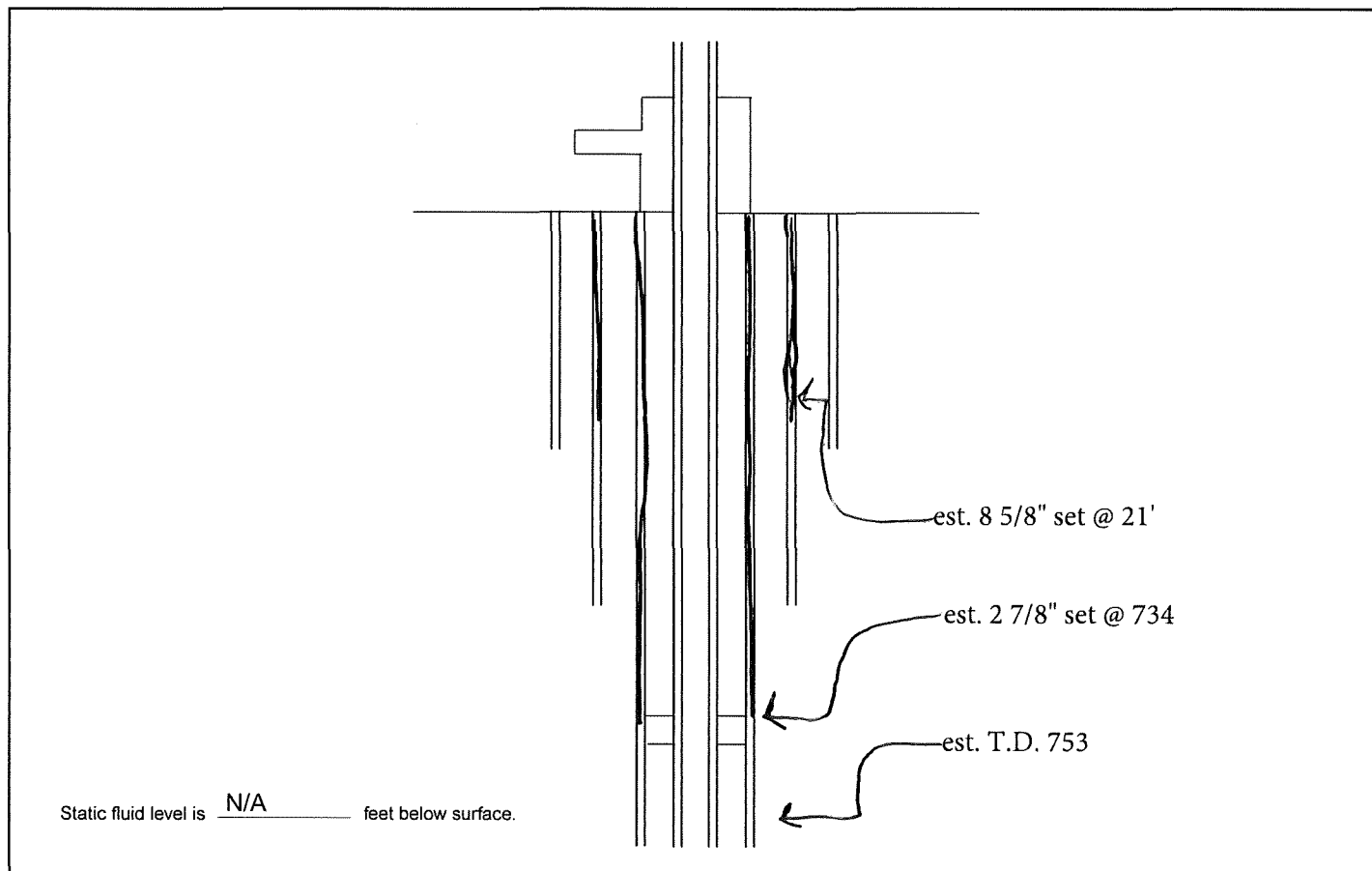
 Tubing: Type NA Grade NA

 Packer: Type NA Depth NA

 Annulus Corrosion Inhibitor: Type NA Concentration NA

 List Logs Enclosed: NA
Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

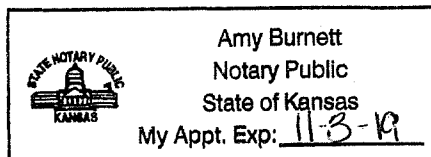
Name:

Legal Description of Leasehold:

See attached area permit

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018

Notary Public

My Commission Expires:

11-3-19

Instructions:

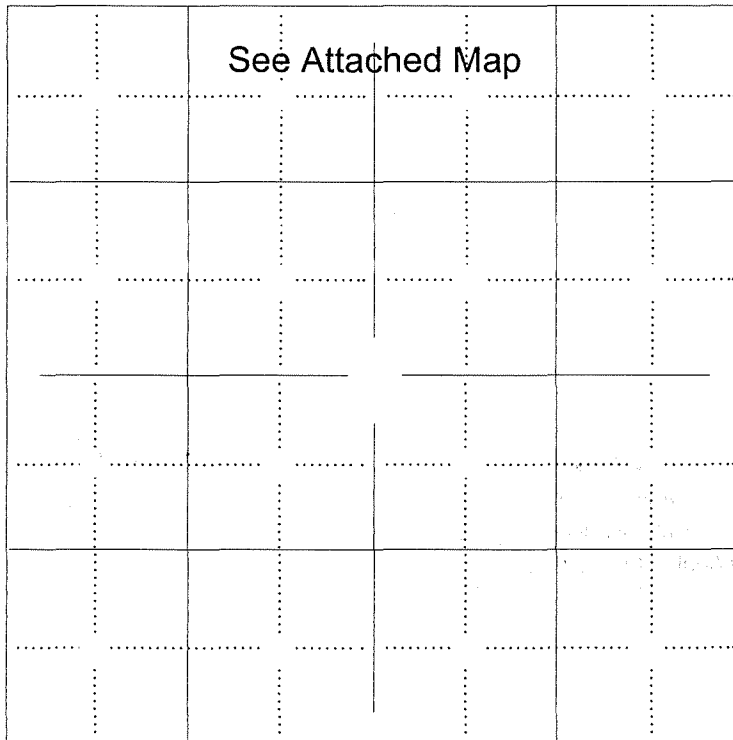
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: TDR Construction, Inc. Location of Well: NE/4 of the Sec.32 Twp.15S R.21E
 Lease: McCoy Lease 2990 feet from ☐ N / ☒ S Line of Section
 Well Number: McCoy 4WA 1060 feet from ☒ E / ☐ W Line of Section
 County: Franklin Sec. 32 Twp. 15 S. R. 21 ☒ 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.



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CONSERVATION DIVISION
WICHITA, KS

applicant well producing well plugged injection well
 D & A well other injection well temporary abandoned well
 plugged producer water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for TDR Construction, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Jessie Baker
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018

Notary Public

My Commission Expires: _____

Affidavit of Notice Served

Re: Application for: TDR Construction, Inc.
 Well Name: McCoy 4WA Legal Location: NE/4 of the Sec.32 Twp.15S R.21E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 10 of October,
2018, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

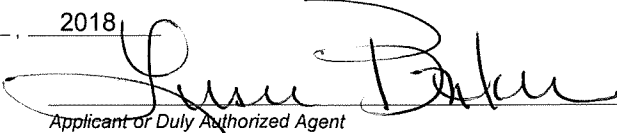
Name

Address (Attach additional sheets if necessary)

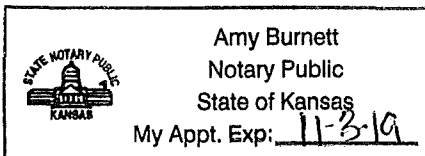
See attached area permit

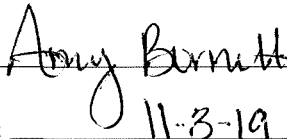
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 KANSAS CORPORATION COMMISSION
OCT 12 2018
 CONSERVATION DIVISION
 WICHITA, KS

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 October, 2018

 Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 10 day of October, 2018




 Notary Public

My Commission Expires: 11-3-19

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.

(Original compared with record)

AREA PERMIT

NOTICE OF ENHANCED RECOVERY PROJECT

FILED FOR RECORD
TIME 10:55 A.M.

Kansas Corporation Commission Docket Number: E - 31,984

Project Operator: TDR Construction, Inc.

Legal Description of Project: McCoy Lease NE/4 - Sec.32-T15S-R21E

Maximum Approved Injection Rate: 100 bbls/day

Maximum Approved Injection Pressure: 600 psig

Injection Formation and Depth: Squirrel Formation - Approximate Depth - 850'

Approximate Number of Injection Wells in Project: 35

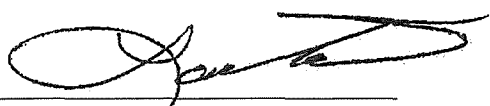
No injection wells in project will be located closer to a lease or unit boundary line than is allowed by field rules or general state spacing rules unless further notice is given.

MADE
AUG 07 2014
Book 270 Page 326
REGISTER OF DEEDS, FRANKLIN CO., KS
INSTRUMENT # 2588
800

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OCT 12 2018
CONSERVATION DIVISION
WICHITA, KS

TDR Construction, Inc.
Lance Town

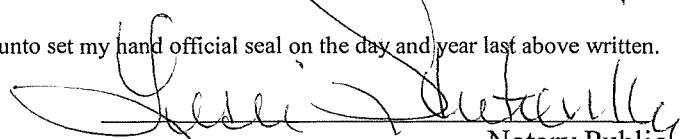
Date: 8/5/14


Signature of Operator or Duly
Authorized Agent

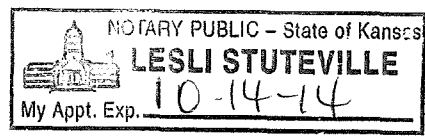
STATE OF Kansas)
)ss:
COUNTY OF Miami)

BE IT REMEMBERED that on this ____ day of _____, 2014, before me, the undersigned, a Notary Public, duly commissioned, in and for the county and state aforesaid, came Lance Town president of TDR Construction, Inc., a corporation of the State of Kansas, personally known to me to be such officer, and to be the same person who executed as such officer and foregoing instrument of writing on behalf of said corporation, and he duly acknowledged the execution of the same for himself and for said corporation for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand official seal on the day and year last above written.


Notary Public

Appointment/Commission Expires:



Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION APPLICATION FOR INJECTION WELL

Form U-1
November 2011
Form must be Typed
Form must be Signed
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: October 10, 2018

Operator License Number: 32218

Operator: TDR Construction, Inc.

Address: PO Box 716

Louisburg, Ks 66053

Contact Person: Lesli Baker

Phone: 913-837-4100

Email: lesli@dbdoil.com

Permit Number: E-31,984

API Number: 15-059-27198-00-00

Well Location

E2 - NE - SW - NE Sec. 32 Twp. 15 S. R. 21 ☒ E ☐ W

3630 feet from ☐ N / ☒ S Line of Section

1390 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: 38.7048682, Long: -95.0982392
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☒ NAD83 ☐ WGS84

Lease Description: NE/4 of the Sec.32 Twp.15S R.21E

Lease Name: McCoy Well Number: 8W

Field Name: Paola-Rantoul

County: Franklin

Deepest Usable Water

Formation: unknown

Depth to Bottom of Formation: 200'

Check One: ☐ Old Well Being Converted ☐ Newly Drilled Well ☒ Well to be Drilled

Surface Elevation: 1044' feet Well Total Depth: 800' feet Plug Back Depth: NA feet

Datum of top of injection formation: NA feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel</u>	<u>734'</u> / <u>753'</u>	<u>open hole</u>	<u>at 734' to 753' feet</u>

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
<u>1. TDR Construction, Inc.</u>	<u>McCoy Lease</u>	<u>NE/4 32-15-21E</u>	<u>See attached inventory</u>
<u>2.</u>			
<u>3.</u>			

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Squirrel</u>	<u>722'</u> to <u>758'</u> feet	<u>NA</u> mg/l
<u>2.</u>		
<u>3.</u>		

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: NA scf / day. Type of Gas: NA

Maximum Requested Injection Pressure: 600 psig

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Received
KANSAS CORPORATION COMMISSION
OCT 12 2018
CONSERVATION DIVISION
WICHITA, KS

Well Completion
 Type: ☐ Tubing & Packer ☒ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	8 5/8"	NA	2 7/8"	NA
Setting Depth	NA	21'	NA	734'	NA
Amount of Cement	NA	4 sx	NA	85 sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	21'	NA	734'	NA

If Alternate II cementing, complete the following:

 Perforations / D.V. Tool at NA feet, cemented to NA feet with NA sx.

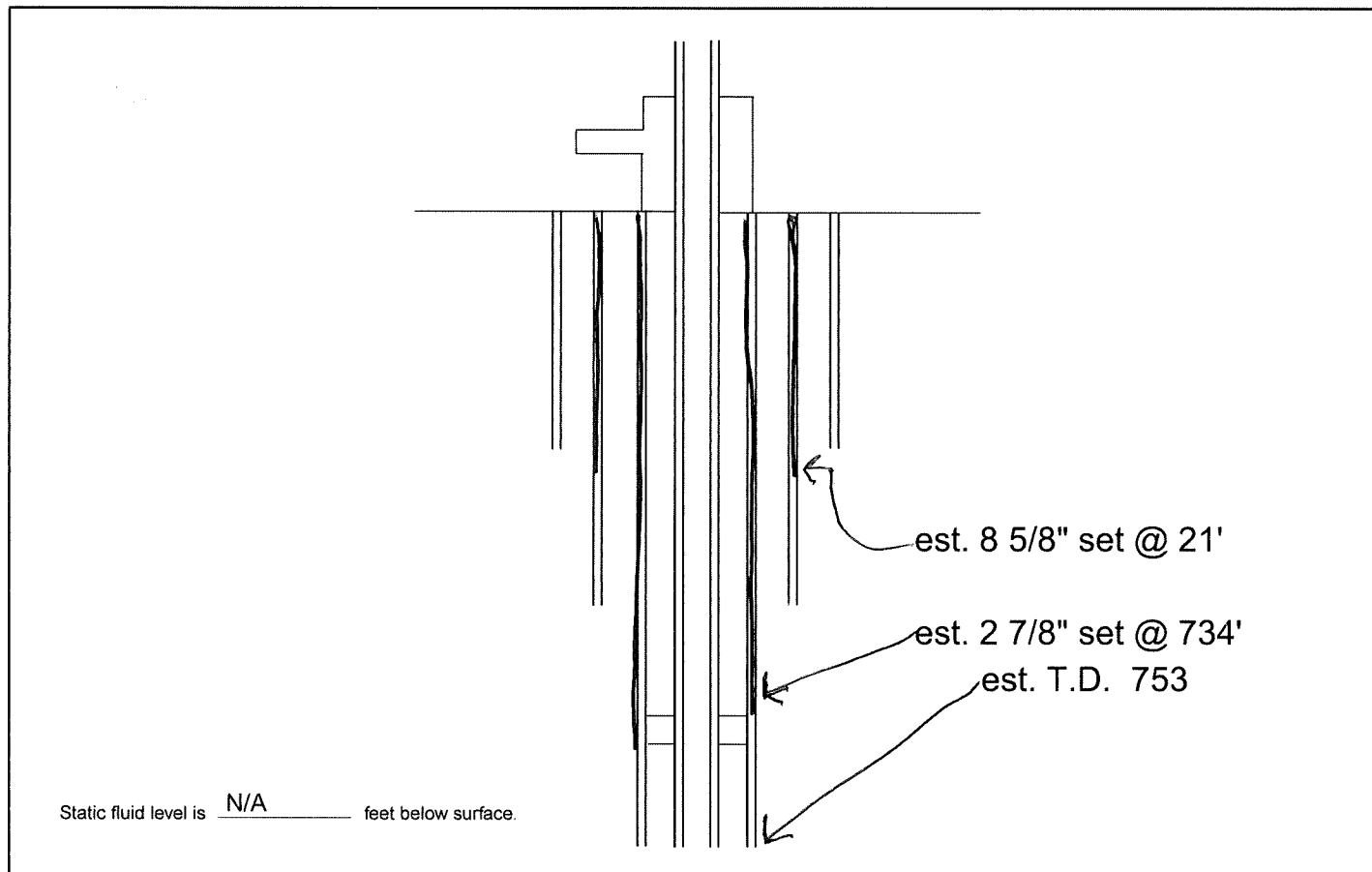
 Tubing: Type NA Grade NA

 Packer: Type NA Depth NA

 Annulus Corrosion Inhibitor: Type NA Concentration NA

 List Logs Enclosed: NA
Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

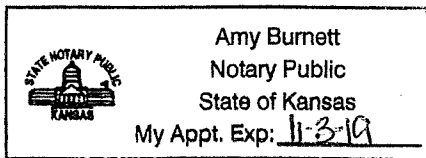
Name:

Legal Description of Leasehold:

See attached area permit

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or Duty Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018

Notary Public

My Commission Expires: 11-3-19**Instructions:**

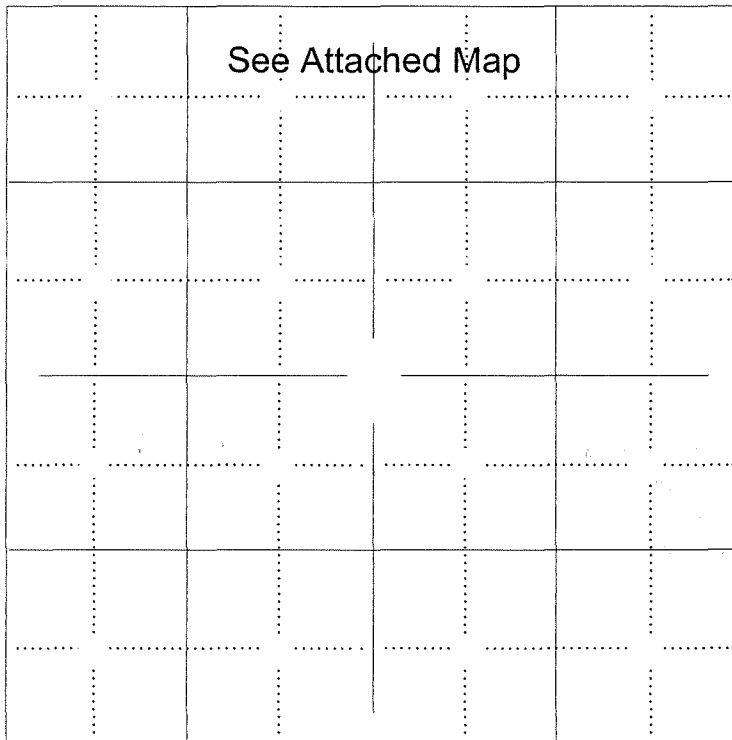
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: TDR Construction, Inc. Location of Well: NE/4 of the Sec.32 Twp.15S R.21E
 Lease: McCoy Lease 3630 feet from ☐ N / ☒ S Line of Section
 Well Number: McCoy 8W 1390 feet from ☒ E / ☐ W Line of Section
 County: Franklin Sec. 32 Twp. 15 S. R. 21 ☒ 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.



Received
KANSAS CORPORATION COMMISSION

OCT 12 2018

CONSERVATION DIVISION
WICHITA, KS

applicant well

producing well

plugged injection well

D & A well

other injection well

temporary abandoned well

plugged producer

water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for TDR Construction, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Julie Baker
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018

Notary Public

My Commission Expires: _____

Affidavit of Notice ServedRe: Application for: TDR Construction, Inc.Well Name: McCoy 8W Legal Location: NE/4 of the Sec.32 Twp.15S R.21EThe undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 16 of October, 2018, a true and correct copy of the application referenced above was delivered or mailed to the following parties:*Note: A copy of this affidavit must be served as a part of the application.*

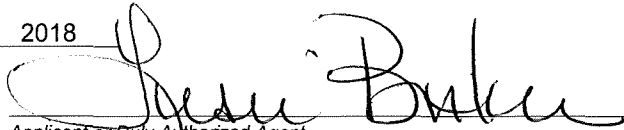
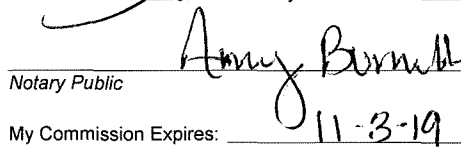
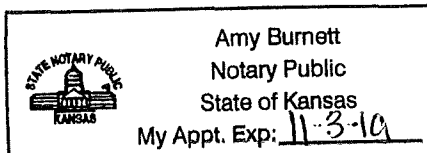
Name

Address (Attach additional sheets if necessary)

See attached area permit

Received
KANSAS CORPORATION COMMISSION

OCT 12 2018

CONSERVATION DIVISION
WICHITA, KSI 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 October, 2018
Applicant or Duly Authorized AgentSubscribed and sworn to before me this 10 day of October, 2018
Notary PublicMy Commission Expires: 11-3-19

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.

Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION APPLICATION FOR INJECTION WELL

Form U-1
November 2011
Form must be Typed
Form must be Signed
All blanks must be Filled

Disposal ☐

Enhanced Recovery: ☐ Repressuring

☒ Waterflood

☐ Tertiary

Date: October 10, 2018

Operator License Number: 32218

Operator: TDR Construction, Inc.

Address: PO Box 716
Louisburg, Ks 66053

Contact Person: Lesli Baker

Phone: 913-837-4100

Email: lesli@dbdoil.com

Permit Number: E-31,984

API Number: 15-059-27199-00-00

Well Location

E2 - SE - SW - NE Sec. 32 Twp. 15 S. R. 21 ☒ E ☐ W

2970 feet from ☐ N / ☒ S Line of Section

1390 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: 38.703056, Long: -95.0982335
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: NE/4 of the Sec.32 Twp.15S R.21E

Lease Name: McCoy Well Number: 9W

Field Name: Paola-Rantoul

County: Franklin

Deepest Usable Water

Formation: unknown

Depth to Bottom of Formation: 200'

Check One: ☐ Old Well Being Converted ☐ Newly Drilled Well ☒ Well to be Drilled

Surface Elevation: 1044' feet Well Total Depth: 800' feet Plug Back Depth: NA feet

Datum of top of injection formation: NA feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel</u>	<u>734'</u> / <u>753'</u>	<u>open hole</u>	<u>at 734' to 753' feet</u>
			<u>at to feet</u>

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
<u>1. TDR Construction, Inc.</u>	<u>McCoy Lease</u>	<u>NE/4 32-15-21E</u>	<u>See attached inventory</u>
<u>2.</u>			
<u>3.</u>			

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Squirrel</u>	<u>722'</u> to <u>758'</u> feet	<u>mg/l</u>
<u>2.</u>	<u>to</u> feet	<u>mg/l</u>
<u>3.</u>	<u>to</u> feet	<u>mg/l</u>

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: scf / day. Type of Gas:

Maximum Requested Injection Pressure: 600 psig

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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OCT 12 2018

CONSERVATION DIVISION
WICHITA, KS

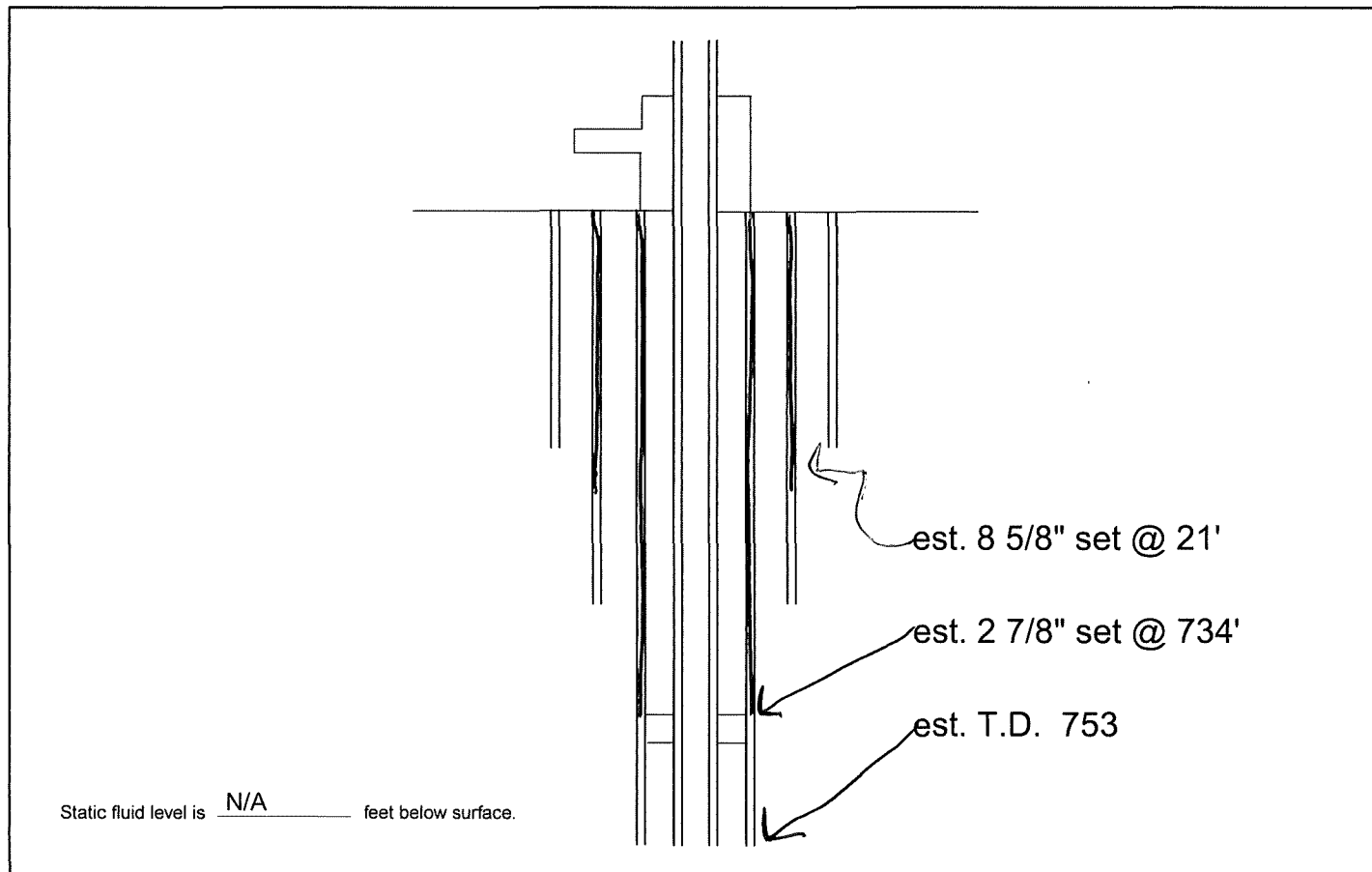
Well CompletionType: ☐ Tubing & Packer ☒ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	8 5/8"	NA	2 7/8"	NA
Setting Depth	NA	21'	NA	734'	NA
Amount of Cement	NA	4 sx	NA	85 sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	21'	NA	734'	NA

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at NA feet, cemented to NA feet with NA sx.Tubing: Type NA Grade NAPacker: Type NA Depth NAAnnulus Corrosion Inhibitor: Type NA Concentration NAList Logs Enclosed: NA**Well Sketch**

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

See attached area permit

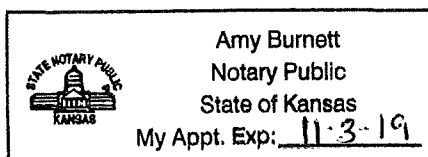
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KANSAS CORPORATION COMMISSION

OCT 12 2018

CONSERVATION DIVISION
WICHITA, KS

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or Duty Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018

Notary Public

My Commission Expires:

11-3-19

Instructions:

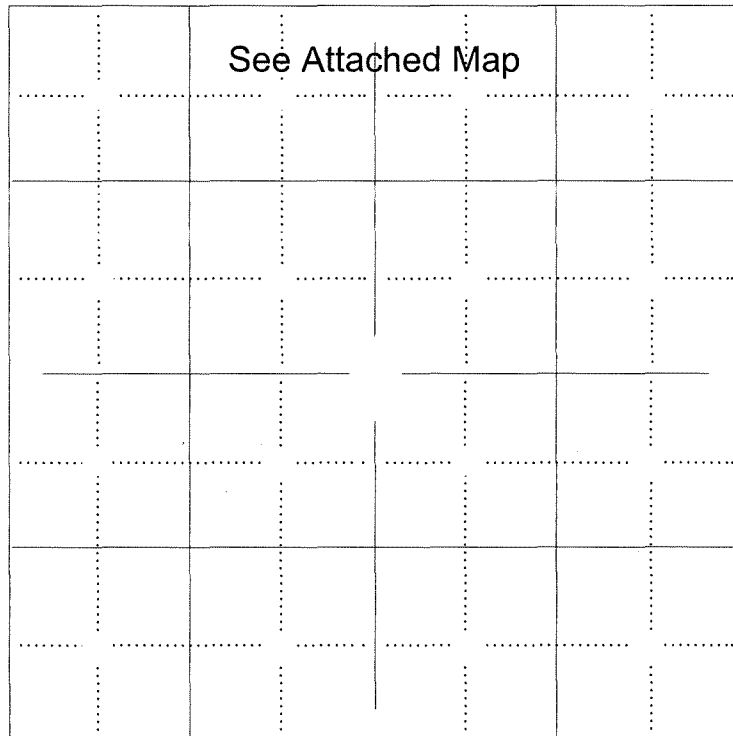
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: TDR Construction, Inc. Location of Well: NE/4 of the Sec.32 Twp.15S R.21E
 Lease: McCoy Lease 2970 feet from ☐ N / ☒ S Line of Section
 Well Number: McCoy 9W 1390 feet from ☒ E / ☐ W Line of Section
 County: Franklin Sec. 32 Twp. 15 S. R. 21 ☒ 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.



applicant well

producing well

plugged injection well

D & A well

other injection well

temporary abandoned well

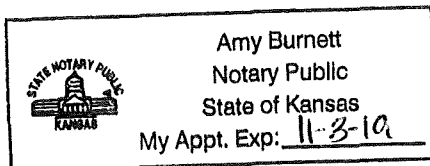
plugged producer

water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for TDR Construction, Inc. and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 10 day of October, 2018



[Signature]
Notary Public

My Commission Expires: 11-3-19

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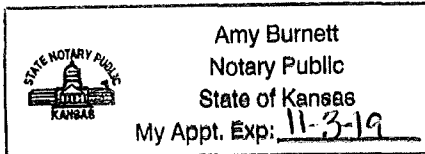
Name

Address (Attach additional sheets if necessary)

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