

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

Erika
No CK W/U-8
\$50.00 Filing Fee
to be paid by
Optr, per Cur Ltr.

- Repressuring
- Other Enhanced Recovery

Permit Number: E-18352 3-JK ✓

SW 1/4 Sec. 29 Twp. 15 S. R. 21 East West

19 Feet from North / South Section Line

4485 Feet from East / West Section Line

Lease: Moldenhauer moldenhauer

Well #: W 4 W 3 PTA 1/23/16
(ReDesignate Pilot well) 15-059-19,305-00-01
Franklin County, Kansas

Originally granted to: N/A

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

Current Operator: License # 32218 Exp. 10/30/19 Contact Person: Lance Town

Company Name: TDR Construction, Inc. (WRG OPTR) Lesli Baker Received
(As listed on operator license) KANSAS CORPORATION COMMISSION

Address: PO Box 339 Louisburg, KS 66053

Phone: 913-710-5400

JUL 10 2019
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)

KCC CONSERVATION PAID

JUL 23 2019

AMT. \$ 50.00

CK 1280

- D. Change the permit by: (XXXX) add the following repressuring wells: W- 2 ;
(_____) change the injection formation; or (_____) change well construction; or (_____) other:


(NO CK W/U-8.
\$50.00 filing fee
to be paid by
Optr, per Cur.
Ltr.)

Offset Operators, Unleased Mineral Owners and Landowners

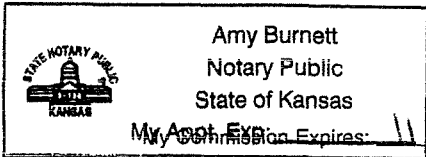
(Attach additional sheets if necessary)

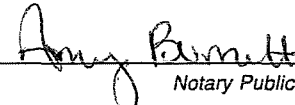
Name See attached listing from county appraiser office Legal Description of Leasehold _____

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 8 day of July, 2019.




 Notary Public

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.

**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: July 8, 2019

Operator License Number: 32218

Operator: TDR Construction, Inc.

Address: PO Box 339
Louisburg, KS 66053

Contact Person: Lance Town

Phone: 913-710-5400

Email: N/A

Permit Number: E - 18352

API Number: 15-059-25313-00-00

Well Location

SW - SE - SW Sec. 29 Twp. 15 S. R. 21 E W

498 feet from N / S Line of Section

3729 feet from E / W Line of Section

GPS Location: Lat: 38.710866, Long: -95.1067
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

Lease Description: SW/4 of the Sec.29 Twp.15S R.21E
(Moldenhauer)

Lease Name: Molenhauer Well Number: W-42

Field Name: Paola-Rantoul

County: Franklin

Deepest Usable Water

Formation: Squirrel

Depth to Bottom of Formation: 200'

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

Surface Elevation: 1023 feet Well Total Depth: 800 feet Plug Back Depth: N/A feet

Datum of top of injection formation: 738 feet (reference mean sea level)

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Injection Formation Description:

Name	top / bottom	perf / open hole	depth
<u>Squirrel</u>	<u>738 / 752</u>	<u>perf.</u>	<u>738 to 752</u> feet
_____	_____ / _____	_____	_____ 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
<u>1. TDR Construction, Inc.</u>	<u>Moldenhauer Lease</u>	<u>Sec.29/32T.15R.21E</u>	<u>See attached</u>
<u>2. _____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>3. _____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
<u>1. Squirrel</u>	<u>738 to 752</u> feet	<u>_____</u> mg/l
<u>2. _____</u>	<u>_____ to _____</u> feet	<u>_____</u> mg/l
<u>3. _____</u>	<u>_____ to _____</u> feet	<u>_____</u> mg/l

Maximum Requested Liquid Injection Rate: 40 bbls / day; or

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

Maximum Requested Injection Pressure: 650 psig

Lease Name	Well No.	API Number	Year Drille	Year Ass	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 C	Gas Lease C	Latitude	Longitude	Datum
MOLDENHAUER	14	15-059-19202-0000			765	Franklin	29	15	21	E	SW	SE	SE	SW	237 S		3282 E		OIL	PR	100541		38.71006	-95.10501	NAD27
MOLDENHAUER	15	15-059-20319-0000			800	Franklin	29	15	21	E	SW	NE	SW	SW	680 S		4552 E		OIL	PR	100541		38.71114	-95.10943	NAD27
MOLDENHAUER	16	15-059-20320-0000			792	Franklin	29	15	21	E	NE	SE	SW	SW	365 S		4233 E		OIL	PR	100541		38.71042	-95.10838	NAD27
MOLDENHAUER	17	15-059-20321-0000			776	Franklin	29	15	21	E		SW	SE	SW	365 S		3591 E		OIL	PR	100541		38.71042	-95.10628	NAD27
MOLDENHAUER	18 B	15-059-23946-0000			780	Franklin	29	15	21	E		SE	SW	SW	43 S		4095 E		OIL	PR	100541		38.70994	-95.10668	NAD27
MOLDENHAUER	19	15-059-19203-0000			800	Franklin	29	15	21	E	NE	NE	SW	SW	1002 S		4204 E		OIL	PR	100541		38.7121	-95.10817	NAD27
MOLDENHAUER	2	15-059-19197-0000			761	Franklin	29	15	21	E	SE	NW	SW	SW	674 S		4818 E		OIL	PR	100541		38.71127	-95.11034	NAD27
MOLDENHAUER	21	15-059-20666-0000			780	Franklin	29	15	21	E	NE	SW	SW	SW	377 S		4837 E		OIL	PR	100541		38.70995	-95.11137	NAD27
MOLDENHAUER	22	15-059-20790-0000			771	Franklin	29	15	21	E	NW	SW	SW	SW	407 S		5113 E		OIL	PR	100541		38.7104	-95.11137	NAD27
MOLDENHAUER	23	15-059-20791-0000			733	Franklin	29	15	21	E	SE	SW	SW	SW	55 S		4870 E		OIL	PR	100541		38.70995	-95.11021	NAD27
MOLDENHAUER	24	15-059-21231-0000			732	Franklin	32	15	21	E	NE	NW	NW	NW	5050 S		4904 E		OIL	PR	100541		38.70903	-95.11021	NAD27
MOLDENHAUER	3	15-059-19198-0000			753	Franklin	29	15	21	E	SE	NE	SW	SW	674 S		4214 E		OIL	PR	100541		38.71127	-95.1082	NAD27
MOLDENHAUER	30	15-059-23585-0000			805	Franklin	29	15	21	E		NW	SE	SW	996 S		3876 E		OIL	PR	100541		38.71222	-95.10615	NAD27
MOLDENHAUER	39	15-059-25152-0000		2006	800	Franklin	29	15	21	E	SW	SW	SW	SW	49 S		5104 E		OIL	PR	100541		38.70904	-95.11138	NAD27
MOLDENHAUER	4	15-059-19199-0000			748	Franklin	29	15	21	E	SW	NW	SE	SW	674 S		3886 E		OIL	PR	100541		38.71127	-95.10705	NAD27
MOLDENHAUER	40	15-059-25146-0000		2006	810	Franklin	29	15	21	E	SW	NW	SW	SW	693 S		5113 E		OIL	PR	100541		38.71085	-95.11138	NAD27
MOLDENHAUER	41	15-059-25147-0000		2006	802	Franklin	29	15	21	E	NW	NW	SW	SW	1020 S		5103 E		OIL	PR	100541		38.71175	-95.11138	NAD27
MOLDENHAUER	42	15-059-25148-0000		2006	800	Franklin	29	15	21	E	SE	NW	SW	SW	996 S		4851 E		OIL	PR	100541		38.71175	-95.11022	NAD27
MOLDENHAUER	43	15-059-25240-0000		2007	802	Franklin	29	15	21	E		NE	SW	SW	1026 S		4547 E		OIL	PR	100541		38.71211	-95.10968	NAD27
MOLDENHAUER	44	15-059-25241-0000		2007	822	Franklin	29	15	21	E		NE	SW	SW	1281 S		4195 E		OIL	PR	100541		38.71292	-95.10873	NAD27
MOLDENHAUER	45	15-059-25242-0000		2008	817	Franklin	29	15	21	E		NW	SE	SW	1002 S		3529 E		OIL	PR	100541		38.71211	-95.10656	NAD27
MOLDENHAUER	47	15-059-25300-0000		2008	822	Franklin	29	15	21	E	NE	NW	SE	SW	1275 S		3539 E		OIL	PR	100541		38.71292	-95.10656	NAD27
MOLDENHAUER	48	15-059-25301-0000		2008	798	Franklin	29	15	21	E	NW	NW	SE	SW	1281 S		3867 E		OIL	PR	100541		38.71292	-95.10765	NAD27
MOLDENHAUER	5	15-059-19200-0000			769	Franklin	29	15	21	E	SE	NW	SE	SW	674 S		3596 E		OIL	PR	100541		38.71127	-95.10606	NAD27
MOLDENHAUER	52	15-059-25309-0000		2008	835	Franklin	29	15	21	E	SW	SE	NW	SW	1324 S		4495 E		OIL	PR	100541		38.713	-95.10968	NAD27
MOLDENHAUER	53	15-059-25310-0000		2008	820	Franklin	29	15	21	E		SE	NW	SW	1597 S		4461 E		OIL	PR	100541		38.71394	-95.10968	NAD27
MOLDENHAUER	54	15-059-25311-0000		2008	836	Franklin	29	15	21	E	SE	SE	NW	SW	1597 S		4200 E		OIL	PR	100541		38.71394	-95.10873	NAD27
MOLDENHAUER	55	15-059-25312-0000		2008	816	Franklin	29	15	21	E		SE	NW	SW	1907 S		4171 E		OIL	PR	100541		38.71487	-95.10873	NAD27
MOLDENHAUER	56	15-059-25323-0000		2008	872	Franklin	29	15	21	E	NW	SE	NW	SW	1931 S		4456 E		OIL	PR	100541		38.71487	-95.10968	NAD27
MOLDENHAUER	57	15-059-25324-0000		2008	817	Franklin	29	15	21	E		SW	NW	SW	1536 S		4804 E		OIL	PR	100541		38.71394	-95.11077	NAD27
MOLDENHAUER	6	15-059-19201-0000			784	Franklin	29	15	21	E		NW	SE	SW	680 S		3310 E		OIL	PR	100541		38.71127	-95.10526	NAD27

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Well Completion

Type: Tubing & Packer Packerless Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	N/A	6 1/4"	N/A	2 7/8"	N/A
Setting Depth	N/A	21'	N/A	782'	N/A
Amount of Cement	N/A	3sx	N/A	122sx	N/A
Top of Cement	N/A	0	N/A	0	N/A
Bottom of Cement	N/A	21'	N/A	782'	N/A

If Alternate II cementing, complete the following:

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

Tubing: Type N/A Grade N/A

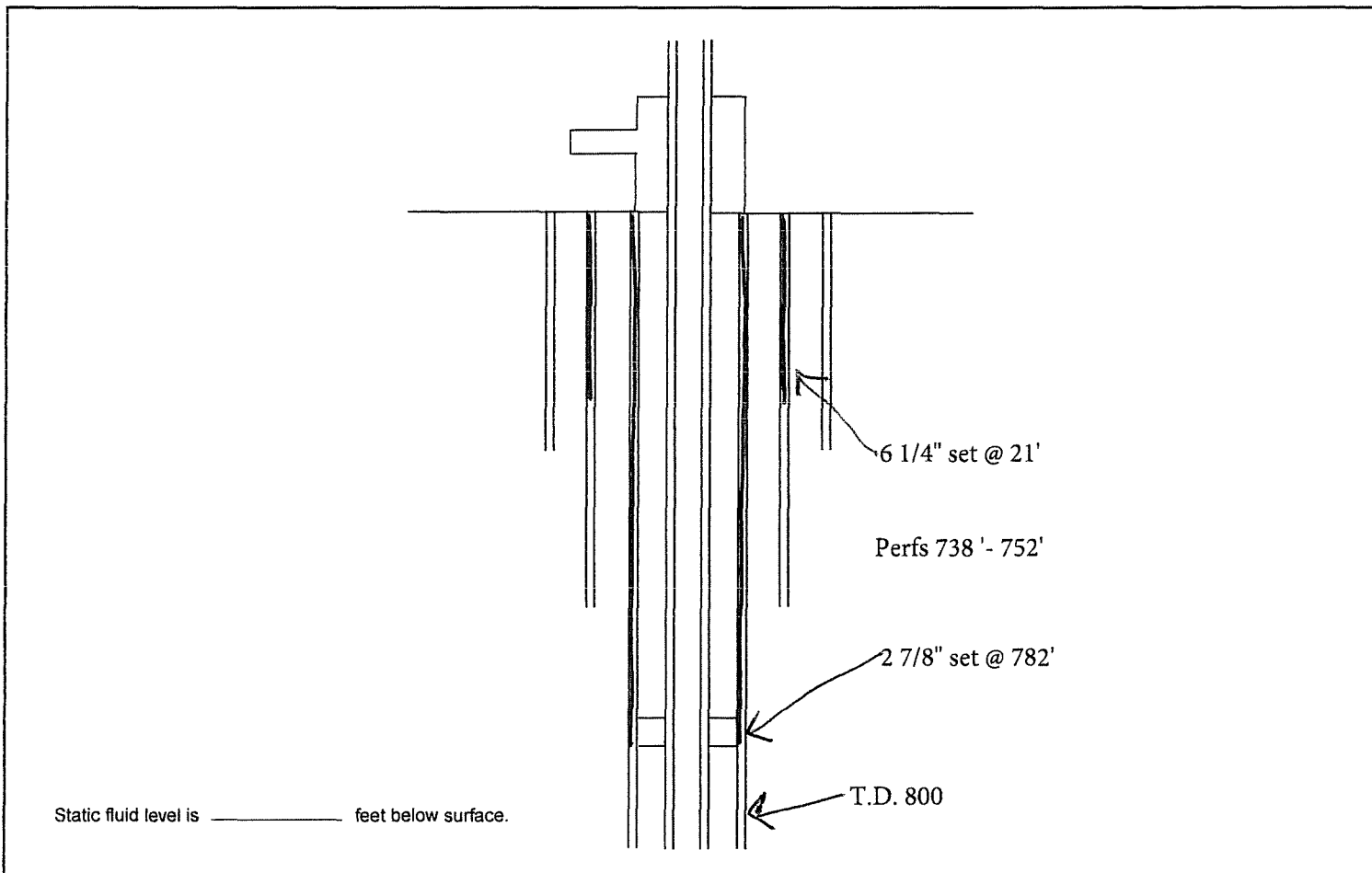
Packer: Type N/A Depth N/A

Annulus Corrosion Inhibitor: Type N/A Concentration N/A

List Logs Enclosed: N/A

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 listing from county appraiser office

See attached map/list of offset operators per KGS

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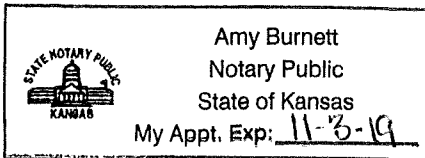
JUL 10 2019

CONSERVATION DIVISION
WICHITA, KS

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

[Handwritten Signature]
Applicant or duly Authorized Agent

Subscribed and sworn before me this 8 day of July, 2019



[Handwritten Signature]
Notary Public

My Commission Expires: 11-3-19

Instructions:

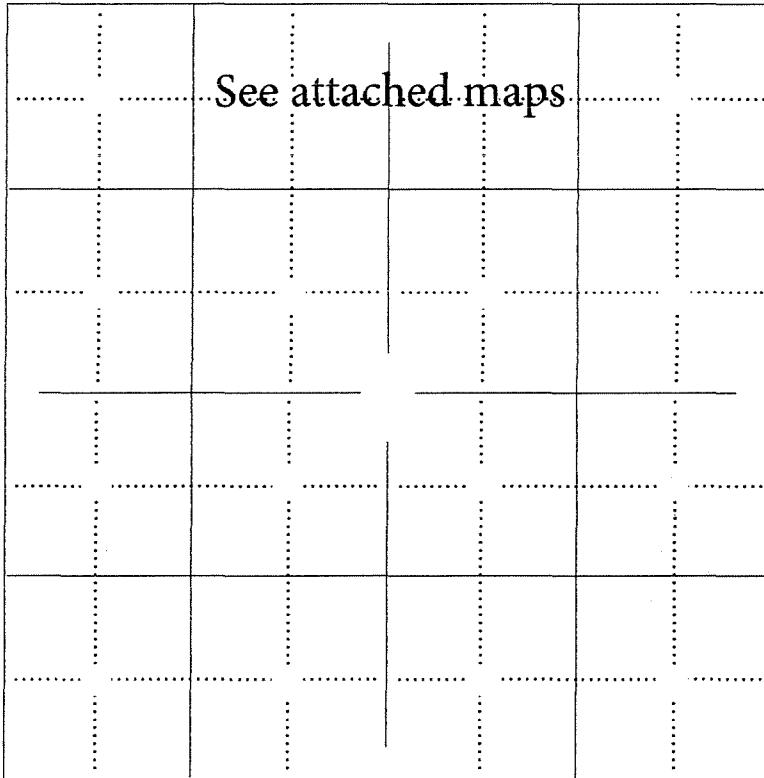
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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: SW/4 of the Sec.29 Twp.15S R.21E
 Lease: Moldenhauer Lease 498 feet from N / S Line of Section
 Well Number: Moldenhauer W-42 3729 feet from E / W Line of Section
 County: Franklin Sec. 29 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

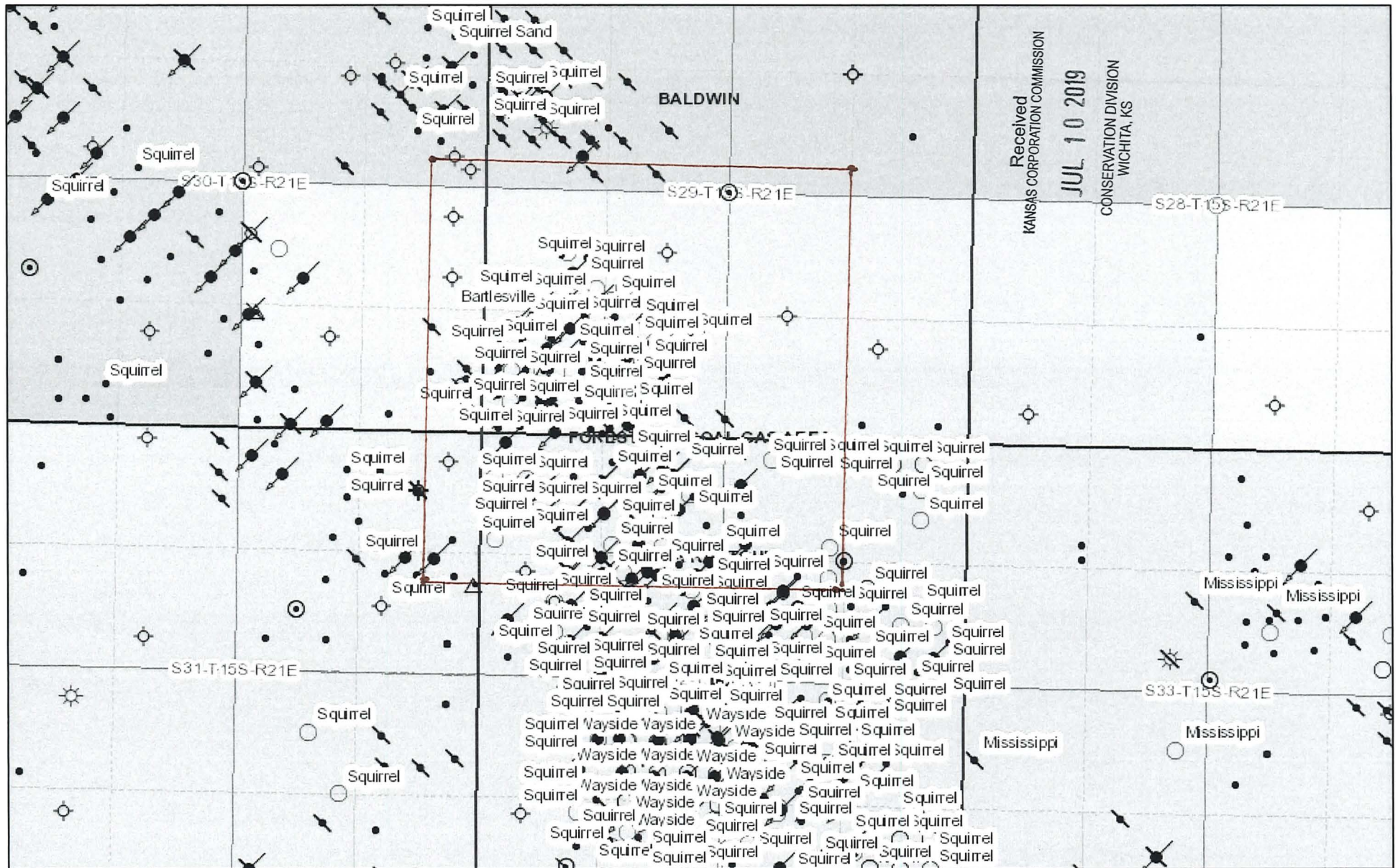
The undersigned hereby certifies that he / she is a duly authorized agent for TDR Construction, Inc., and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Juan Baker
 Applicant or Duly Authorized Agent

Subscribed and sworn before me this 8 day of July, 2019

Amy Burnett
 Notary Public
 State of Kansas
 My Appt. Exp: 11-3-19

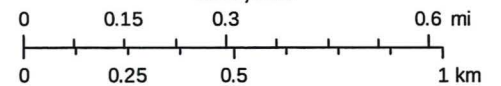
Amy Burnett
 Notary Public
 My Commission Expires: 11-3-19



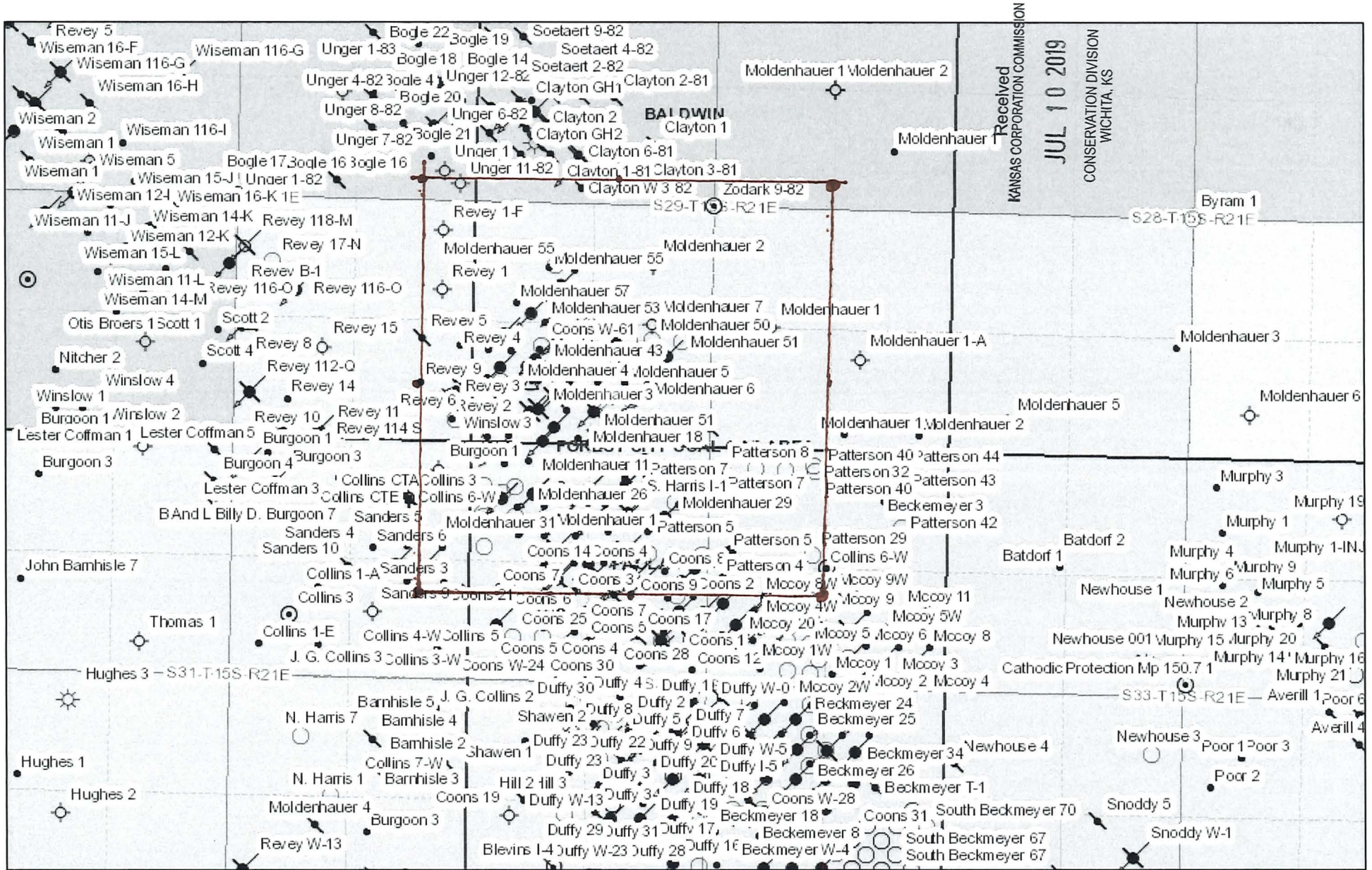
July 2, 19

Squirrel Formation
 Top - 729
 Bottom - 762

1:18,056



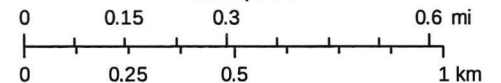
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri



July 2, 19

Haas Petroleum, LLC.

1:18,056



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

Affidavit of Notice Served

Re: Application for: TDR Construction, Inc.
Well Name: Moldenhauer W-42 Legal Location: SW/4 of the Sec.29 Twp.15S R.21E

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 8 of July, 2019, 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 listing from county appraiser office

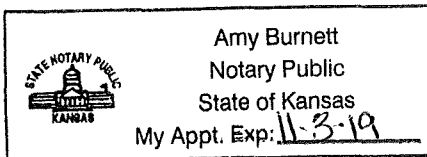
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CONSERVATION DIVISION
WICHITA, KS

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 8 day of July, 2019

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 8 day of July, 2019


Amy Burnett
Notary Public
State of Kansas
My Appt. Exp: 11-3-19

[Signature]
Notary Public
My Commission Expires: 11-3-19

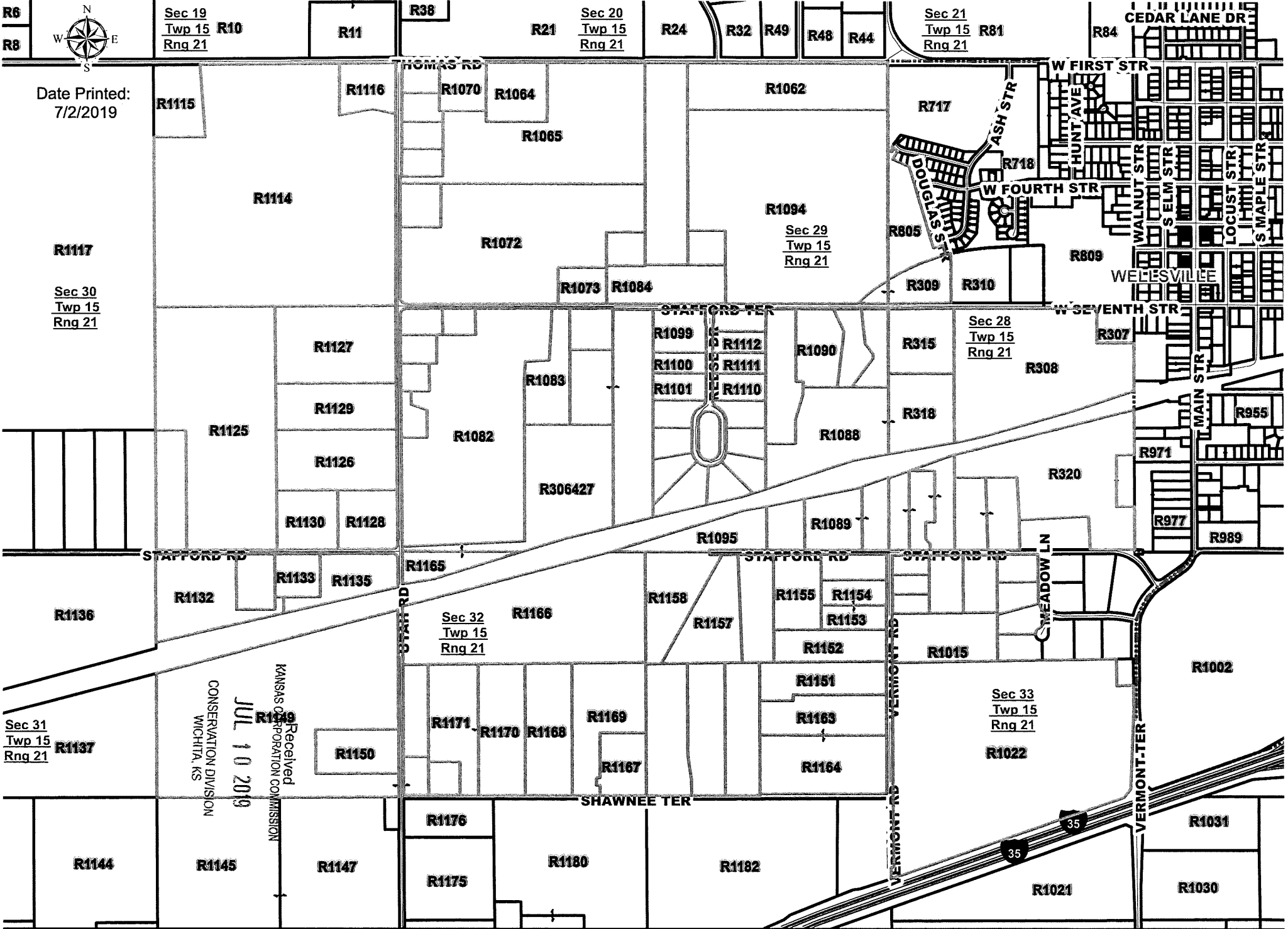
Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial 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.

Table with 14 columns: QuickRefId, Owner/Prop, PartyName, Address1, Address2, City, State, ZIP, TownshipSe, Township, TownshipPl, LegalDescr, ShtaAddr. Contains detailed property records for various parcels in Wicomico County, Maryland.

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CONSERVATION DIVISION
WICHTCA, KS



This property ownership map is for appraisal purposes only. It is not intended for conveyances, nor is it a legal survey.