

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.


THE STATE OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
 Mike Beam, Acting Secretary of Agriculture

DIVISION OF WATER RESOURCES
 David W. Barfield, Chief Engineer

50386

File Number _____
 This item to be completed by the Division of Water Resources.

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**APPLICATION FOR PERMIT TO
 APPROPRIATE WATER FOR BENEFICIAL USE**

Filing Fee Must Accompany the Application
 (Please refer to Fee Schedule attached to this application form.)

APR 20 2020
 2:48
 KS Dept Of Agriculture

*To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
 1320 Research Park Drive, Manhattan, Kansas 66502:*

1. Name of Applicant (Please Print): Rural Water District No. 3, Pottawatomie Co, KS
 Address: 382 A. Rd.
 City: Vermillion State KS Zip Code 66544
 Telephone Number: (785) 857-3213

2. The source of water is: surface water in _____ (stream)
 OR groundwater in _____ (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is _____ acre-feet OR 20.0 million gallons per calendar year, to be diverted at a maximum rate of 200 gallons per minute OR _____ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
 (a) Artificial Recharge (b) Irrigation (c) Recreational (d) Water Power
 (e) Industrial (f) Municipal (g) Stockwatering (h) Sediment Control
 (i) Domestic (j) Dewatering (k) Hydraulic Dredging (l) Fire Protection
 (m) Thermal Exchange (n) Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:							
F.O. Code	<u>1</u> GMD	Meets K.A.R. 5-3-1	<input checked="" type="checkbox"/> YES / <input type="checkbox"/> NO	Use	MUN	Source	G / S County
	REG	Fee \$	200	TR #		Receipt Date	NM <u>4/20/2020</u>
						By	BMM Date 4/21/20
						Check #	3891

4/23/2020
 LMoody

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the _____ quarter of the _____ quarter of the _____ quarter of Section 5, more particularly described as being near a point 90 feet North and 1200 feet West of the Southeast corner of said section, in Township 5 South, Range 11 East West (circle one), _____ County, Kansas.
- (B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

_____ (name, address and telephone number)

_____ (name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, 20____.

Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of no new construction (number of wells, pumps or dams, etc.)

and (was) (will be) completed (by) 1/15/2014 (Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be 9/1/2014 (Mo/Day/Year)

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- 9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

- 10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here _____
- If no, explain here why a Water Structures permit is not required _____

- 11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

- 12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

40017, 40018, 41838, 45701, 45702, 45703, 48910, 48911, 50295, 50296, 50297

increased water rights (60 MGY) were obtained in 2019 for 3 of the RWD's 5 wells

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13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of Owner
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

(name, address and telephone number)

(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Vermillion, Kansas, this 2nd day of April, 2020.
(month) (year)

Robert Moss
(Applicant Signature)

By Louis Funk
(Agent or Officer Signature)

Louis Funk, P.E.
(Agent or Officer - Please Print)

Assisted by _____ Date: _____
(office/title)

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RWD NO. 3, POTTAWATOMIE CO., KS

Existing Well #4

SE Section Corner

1/2-mile radius

Burdiek, Timothy, PLUGGED

COSTA, PLUGGED

Burdiek, Timothy, PLUGGED

Well #4

Well #5

S6-T5S-R11E

S4-T5S-R11E

S8-T5S-R11E

Mulberry
Cem

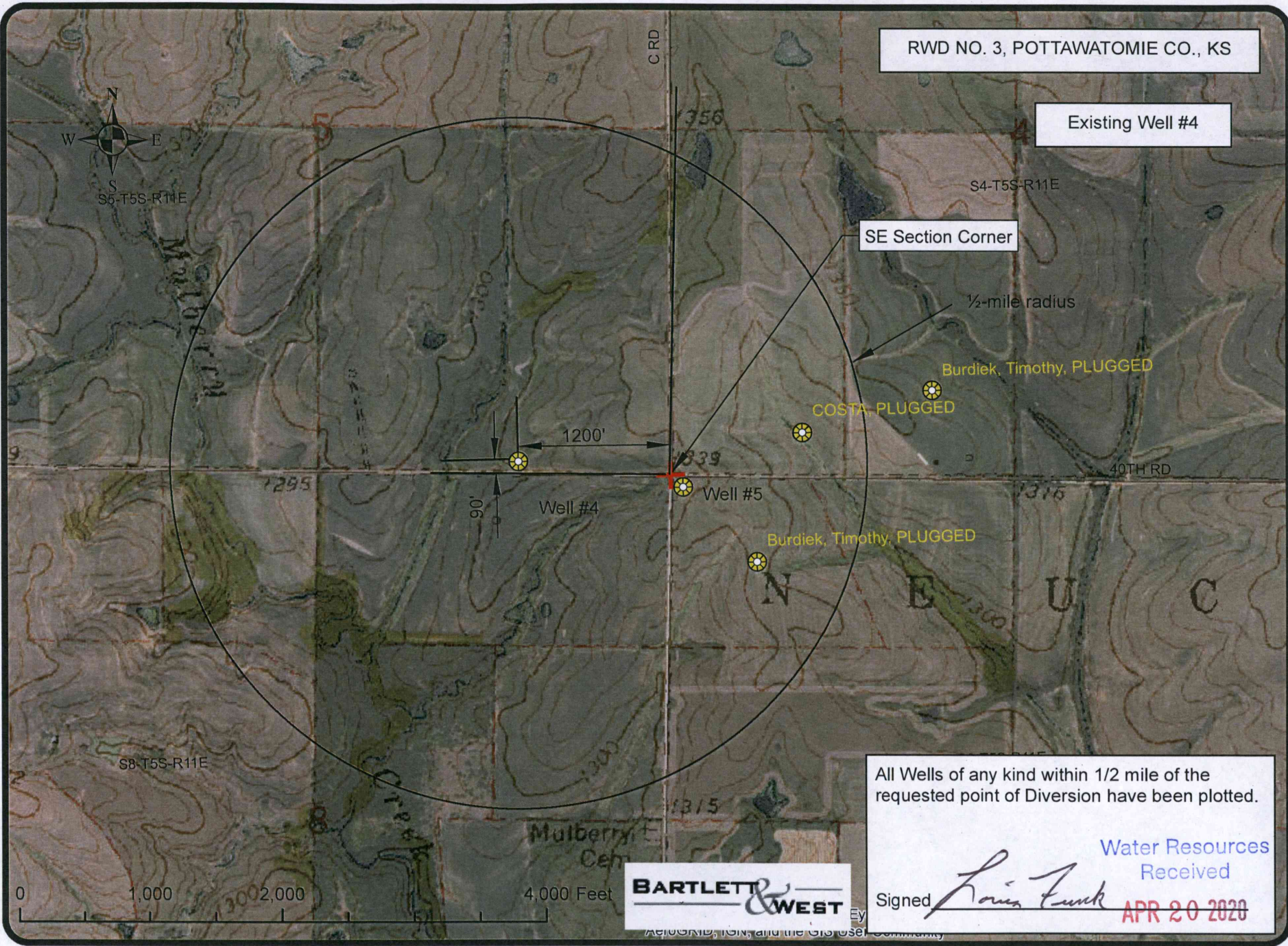
All Wells of any kind within 1/2 mile of the requested point of Diversion have been plotted.

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Signed

APR 20 2020

BARTLETT & WEST



SECTION 3: PROJECTED FUTURE WATER NEEDS

PLEASE COMPLETE THE FOLLOWING TABLE SHOWING YOUR FUTURE WATER REQUIREMENTS FOR THE NEXT 20 YEARS:

	Column 1 Raw Water Diverted Under Your Rights	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Other Public Water Suppliers	Column 4 Water Sold to Your Industrial, Stock, and Bulk Customers	Column 5 Water Sold to Your Residential and Commercial Customers	Column 6 Other Metered Water	Column 7 Remaining Water Used (See Explanation on other side)
Year 5	90.2 MG	0.7 MG	3 MG	10 MG	59.3 MG	2.0 MG	16.6 MG
Year 10	95.6 MG	0.7 MG	3 MG	10.5 MG	63.2 MG	2.0 MG	17.6 MG
Year 15	101.3 MG	0.7 MG	3 MG	11 MG	67.3 MG	2.0 MG	18.7 MG
Year 20	107.4 MG	0.7 MG	3 MG	11.5 MG	71.7 MG	2.0 MG	19.9 MG
TOTAL WATER = Columns 1 + 2			ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6			UNACCOUNTED FOR WATER	

SECTION 4: POPULATION AND SERVICE CONNECTIONS

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW:
(CENSUS BUREAU INFORMATION)

LAST 20 YEARS	POPULATION
20 years ago	1260
15 years ago	1380
10 years ago	1500
5 years ago	1560
Last Year	1590

PROJECTED FUTURE POPULATION

ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

NEXT 20 YEARS	POPULATION
Year 5	1730
Year 10	1830
Year 15	1940
Year 20	2060

Provide number of current active service connections:

565 Residential _____ Industrial _____ Other (specify) _____
 _____ Commercial 71 Pasture/ Stockwater/ Feedlot 636 **Total**

SECTION 5: PRESENT GALLONS PER PERSON PER DAY
CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 ÷ Population ÷ 365 Days/Year = Gallons per Person per Day

$$\frac{64,464,000}{\text{Amount of water in Columns 5, 6, and 7 of Section 1}} \div \frac{1590}{\text{Population from Last Year of Section 4}} \div 365 \text{ Days/Year} = 111 \text{ GALLONS PER PERSON PER DAY.}$$

SECTION 6: AREA TO BE SERVED

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): _____
all services of Rural Water District No. 3, Pottawatomie County, KS

You may attach additional information you believe will assist in informing the Division of the need for your request.

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KS Dept Of Agriculture



1200 SW Executive Drive
Topeka, KS 66615
ph (785) 272-2252
www.bartwest.com

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April 17, 2020

Chief Engineer of Division of Water Resources
Kansas Dept. of Agriculture
1320 Research Park Dr.
Manhattan, KS 66502

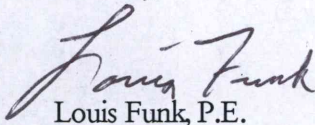
Project No.: 3898.100

Dear David:

On behalf of Pottawatomie County Rural Water District No. 3, I am submitting applications for increasing the permitted allocation of groundwater from two of the water district's existing wells northwest of Onaga. Last fall they received appropriations for additional water from the other three of their five existing wells. These new applications will allow the District to rely more heavily on these two newer wells, as circumstances may require in the future.

Please contact me if you have any concerns or if there is any missing information.

Sincerely,



Louis Funk, P.E.

cc: RWD # 3
enclosure



Driving Community and Industry Forward, Together.

DATA ENTRY SYSTEM ID NUMBER SHEET

50386

FILE NUMBER _____

APPLICANT PERSON ID & SEQ #	82575	PDIV ID	BATTERY ID
34075			

LANDOWNER PERSON ID & SEQ #	18880	PUSE ID
34075	36902	
	54302	

WATER USE CORRESPONDENT PERSON ID & SEQ #
34075