

THE STATE  OF KANSAS

WATER RESOURCES RECEIVED  
MAY 21 2024 9:11  
KS Dept. of Agriculture

KANSAS DEPARTMENT OF AGRICULTURE  
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
Earl D. Lewis Jr., Chief Engineer

File Number **51244**  
This item to be completed by the Division of Water Resources.

**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.)

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): C B Showalter  
Address: 8803 E. Arlington Rd.  
City: Haven State KS Zip Code 67543-8211  
Telephone Number: (620) 727-6642

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in Arkansas River Basin - Equus Beds Aquifer (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 100 acre-feet OR \_\_\_\_\_ gallons per calendar year, to be diverted at a maximum rate of 800 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>2</u>	GMD	<u>2</u>	Meets K.A.R. 5-3-1	(YES) / (NO)	Use	<u>IRR</u>
Source	<u>G</u>	S	County	<u>RN</u>	By	<u>KJN</u>	Date
Fee \$	<u>200</u>	TR #	Receipt Date	<u>5-21-24</u>	Check #	<u>2638</u>	

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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 NE quarter of the NW quarter of the SW quarter of Section 4, more particularly described as being near a point 2495 feet North and 4080 feet West of the Southeast corner of said section, in Township 25 South, Range 4W East/West (circle one), Reno 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):

C B Showalter Living Trust, 8803 E. Arlington Rd., Haven, KS 67543-8211 (620) 727-6642

\_\_\_\_\_  
(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 May 16<sup>th</sup>, 2024. CB Showalter  
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 one well  
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) 5/1/2025  
(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 6/1/2025  
(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 NA
- If no, explain here why a Water Structures permit is not required NA

- 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 ½ 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 ½ mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ 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.

None

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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	10/16/2023	_____	_____	_____
Total depth of well	57 ft	_____	_____	_____
Depth to water bearing formation	16 ft	_____	_____	_____
Depth to static water level	16 ft	_____	_____	_____
Depth to bottom of pump intake pipe	N/A	_____	_____	_____

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):

C B Showalter Living Trust, 8803 E. Arlington Rd., Haven, KS 67543-8211 (620) 727-6642  
(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 Halstead, Kansas, this 16<sup>th</sup> day of May, 2024.  
(month) (year)

CB Showalter  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by B. Barton GMD2/Hydrogeologist Date: 5/10/2024  
(office/title)

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## FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

### MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

#### ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

#### CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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**IRRIGATION USE  
SUPPLEMENTAL SHEET**

File No. \_\_\_\_\_

Name of Applicant (Please Print): C.B. Showalter

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

**Landowner of Record** NAME: C.B. Showalter Living Trust

ADDRESS: 8803 E. Arlington Rd., Haven, KS 67543-6642

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4	25S	4W										36.5	36.5						73

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
<u>Avans loam</u>	<u>99</u>	<u>0.60-2.00</u>	<u>7</u>
<u>Penalosa silt loam</u>	<u>1</u>	<u>0.00-0.06</u>	<u>3</u>
_____	_____	_____	_____
_____	_____	_____	_____
<u>Total:</u>	<u>100 %</u>		

b. Estimate the average land slope in the field(s): 1 %

Estimate the maximum land slope in the field(s): 3 %

c. Type of irrigation system you propose to use (check one):

Center pivot       Center pivot - LEPA       "Big gun" sprinkler

Gravity system (furrows)       Gravity system (borders)       Sideroll sprinkler

Other, please describe: with cornering system

d. System design features:

i. Describe how you will control tailwater: Will schedule and apply irrigation to eliminate run-off

ii. For sprinkler systems: Not Available

(1) Estimate the operating pressure at the distribution system: \_\_\_\_\_ psi

(2) What is the sprinkler package design rate? \_\_\_\_\_ gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? \_\_\_\_\_ feet

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations: Corn, soybeans, milo, wheat

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation). Will contract with crop consultant

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



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# Application Map - File No. \_\_\_\_\_



I declare that all water wells or diversion sites using the same source of supply and within 1/2 mile of the proposed point of diversion have been plotted on the application map.

CB Shorvalts  
Signature

5-16-24  
Date

- New Application**
- Application No. \_\_\_\_\_ To Change:**

- Point of Diversion
- Place of Use
- Use Made of Water
- Proposed Point of Diversion
- Existing Points of Diversion
- Proposed Place of Use
- Authorized Place of Use

Water wells within 1/2 mile of proposed point of diversion include: (type use, owner, address)

- 1) See attached sheet for details
- 2)
- 3)



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Well owners within ½ mile

- 1) Irrigation Well Water Permit No. 46895  
KEGB, LLC Attn: Brian Eck  
1651 N. 215<sup>th</sup> W.  
Goddard, KS 67052-9106
- 2) Municipal Well Water Right Nos. 2774,20474,11771, 39779  
City of Haven  
P.O. Box 356, 120 S. Kansas Ave.  
Haven, KS 67543
- 3) Irrigation Well Water Permit No.49637/pending app No.50967 (Battery of 2 wells)  
Unified School District #312  
P.O. Box 130  
Haven, KS 67543
- 4) Municipal Well Water Right No. 20474  
City of Haven  
P.O. Box 356, 120 S. Kansas Ave.  
Haven, KS 67543
- 5) Municipal Well Water Right No. 11771  
City of Haven  
P.O. Box 356, 120 S. Kansas Ave.  
Haven, KS 67543
- 6) Irrigation Well Water Right No. 28161  
Myron R. & Pameline Sue Miller  
12101 E. Fountain Green Rd.  
Haven, KS 67543
- 7) Domestic Well  
Joseph A. Dinitto  
12504 S. Haven Rd.  
Haven, KS 67543-8034
- 8) Domestic Well  
Julie K & Mark C Stade  
12416 S. Haven Rd.  
Haven, KS 67543

Eastern half of Haven, KS town (recommend public notification for potentially numerous domestic wells located in roughly eastern half of Haven, KS)



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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN  
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE**

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The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River  
Big Blue River  
Chapman Creek  
Chikaskia River  
Cottonwood River  
Delaware River  
Little Arkansas River  
Little Blue River  
Marais des Cygnes River  
Medicine Lodge River  
Mill Creek (Wabaunsee Co. area)  
Neosho River

Ninnescah River  
North Fork Ninnescah River  
Rattlesnake Creek  
Republican River  
Saline River  
Smoky Hill River  
Solomon River  
South Fork Ninnescah  
Spring River  
Walnut River  
Whitewater River



**WATER WELL RECORD (WWC-5)**

**DRAFT**

Constructed

KOLAR DOC ID.

1733568

WELL ID

Original Record

Correction

Change in Well Use

**LOCATION OF WATER WELL**

Latitude	37.90488	Longitude	-97.770534	Section	4	Township	25	Range	4	<input type="checkbox"/> E <input checked="" type="checkbox"/> W	Fraction	NE ¼ NW ¼ SW ¼
Datum	WGS84	Elevation	1467	County	Reno							

**WATER WELL OWNER**

Name	CB Showalter
Business	
Address	8803 E Arlington Rd Arlington Kans 67543
Well location	E Arlington Rd and S Haven Rd
<input type="checkbox"/> at owner's address	

**WELL WATER USE**

Test Well

**COMPLETION**

Depth of completed well: 57 ft.

Depth(s) groundwater encountered:  
 (1) 16 ft.; (2) \_\_\_\_\_ ft.;  
 (3) \_\_\_\_\_ ft.; (4)  dry well

Static water level in well: 16 ft.  
 measured below land surface on (mm/dd/yy): 10/16/2023  
 measured above land surface on (mm/dd/yy): \_\_\_\_\_

Estimated yield: \_\_\_\_\_ gpm  
 Water level was: \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Pump installed?  Yes  No

Water well disinfected?  Yes  No  
 Date disinfected (mm/dd/yy): 10/16/2023

Aquifer, if known: \_\_\_\_\_

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: \_\_\_\_\_

Distance from well: \_\_\_\_\_ Direction from well: \_\_\_\_\_

Source description: \_\_\_\_\_

Source: \_\_\_\_\_

Distance from well: \_\_\_\_\_ Direction from well: \_\_\_\_\_

Source description: \_\_\_\_\_

No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from 0 to 57 ft. Borehole diameter: 6 in.

Casing height above land surface: 18 in.  
 If casing height is less than 12 in. has a variance been approved?  Yes  No  
 \*variance not required for monitoring or environmental remediation wells

Casing type: ThermalPlastic

Blank casing interval: 0 ft. to 27 ft.  
 Blank casing diameter: 3 in.  
 Casing joints: Glued  
 Weight: \_\_\_\_\_ lbs/ft.  
 Wall thickness or gauge no.: 0.214

Blank casing interval: \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Blank casing diameter: \_\_\_\_\_ in.  
 Casing joints: \_\_\_\_\_  
 Weight: \_\_\_\_\_ lbs/ft.  
 Wall thickness or gauge no.: \_\_\_\_\_

Grout interval: 0 ft. to 20 ft.  
 Grout material: Bentonite

Grout interval: \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Grout material: \_\_\_\_\_

Screen / perforation material: PVC  
 Screen / perforation openings: Mill slot

Screen / perforation intervals:  
 From 27 ft. to 57 ft.  
 Slot size \_\_\_\_\_ unit  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 Slot size \_\_\_\_\_ unit

Gravel pack intervals:  
 Gravel pack not used:  Gravel size \_\_\_\_\_ in  
 From 20 ft. to 57 ft.  
 Gravel pack not used:  Gravel size \_\_\_\_\_ in  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: \_\_\_\_\_  
 KDHE / EPA Project Code: \_\_\_\_\_  
 Site Name: \_\_\_\_\_  
 KDHE UIC Class V Form Completed:  Yes  No  
 County Permit:  Yes  No Permit ID: \_\_\_\_\_  
 Lease Name & Well #: \_\_\_\_\_  
 # of boreholes: \_\_\_\_\_ # of dewatering wells: \_\_\_\_\_

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS
Attach	Attach	Attached

**COMMENTS**

**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was constructed  reconstructed  pursuant to the stated water well contractor's license and was completed on 10/16/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on \_\_\_\_\_ under the business name of Premier Pump & Well Service, Inc. #238, Kansas Water Well Contractor's License No. 238 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Jerad Stroot.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT  
 Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367  
 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

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# DRAFT

Form	WWC5.2 - Water Well Record
Doc ID	1733568
Well Owner	CB Showalter
Contractor	Premier Pump & Well Service, Inc. #238

## Lithology

From	To	Lithology Intervals
0	3	topsoil
3	16	clay,brown,tight
16	24	sand,very fine,very very
24	31	sand,fine
31	32	clay,lense
32	43	sand,medium
43	56	sand,medium to coarse
56	57	clay,tan

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