

# 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.



Water Resources  
Received  
**JAN 27 2020**  
1:47  
KS Dept Of Agriculture

**KANSAS DEPARTMENT OF AGRICULTURE**  
Mike Beam, Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
David W. Barfield, Chief Engineer

File Number 50340  
This item to be completed by 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:  
**Mr. Alan Haverkamp**  
**HAVERKAMP BROTHERS, INC. — HOME FARM**  
**2976 "L4" Road**  
**Bern, Kansas 66408**  
**785-858-4457**

2. The source of water is:  surface water in \_\_\_\_\_  
KSN 1/27/20 (stream) \* SF Big Nemaha River  
OR  groundwater in the Missouri 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 50.21 acre feet OR 16,361,125 gallons per calendar year, to be diverted at a maximum rate of 99 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 under than 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)  Stock watering (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.

2/4/2020  
LMoody

For Office Use Only:  
F.O. 1 GMD - Meets K.A.R. 5-3-1 (Yes/No)  Use STK Source KS County NM By KSN Date 1/27/20  
Code REG Fee \$ 200 TR# \_\_\_\_\_ Receipt Date 1/27/20 Check # 21239

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) WELL #1

One well in the NW quarter of the SE quarter of the NW quarter of Section 12, more particularly described as being near a point 3425 feet North and 3555 feet West of the Southeast corner of said section, in Township 1 South, Range 12 (East/West) of Nemaha 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 (4) 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 (2) or more wells connected to a common pump by a manifold, or not more than four (4) 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):

Robert Haverkamp Trust  
1077 208<sup>th</sup> Road  
Seneca, Kansas 66538  
785-858-4457

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 as 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 January 22, 2020

  
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 (1) Well (number of wells, pumps or dams, etc.) and was completed on September 12, 2019.

8. The first actual application of water for the proposed beneficial use will be April, 2020.

9. Will pesticide, fertilizer or other foreign substance be injected into the water pumped from the diversion works:

Yes       No

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 application for a permit for construction of this dam and reservoir with the Division of Water Resources?

Yes       No       N/A

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

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11. The application must be supplemented by a USGS topographic map, aerial photograph or a detailed plan 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 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of the section.
  - (b) If the application is for groundwater, please show the location of any existing water wells of any kind within one-half (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 one-half (1/2) mile, please advise us.
  - (c) If the application is for surface water, the names and addresses of the landowner(s) one-half (1/2) mile downstream and one-half (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 minutes USGS 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

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 #	(A)	(B)	(C)	(D)
Date Drilled	9/12/19			
Total Depth of Well	44.0 Feet			
Depth to Water Bearing Formation	10.5 Feet			
Depth to Static Water Level	10.5 Feet			
Depth to Bottom of Pump Intake Pipe	44 Feet			

14. The relationship of the applicant to the proposed place where the water will be used is that of:
- Owner                       Tenant                       Agent                       Other \_\_\_\_\_

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

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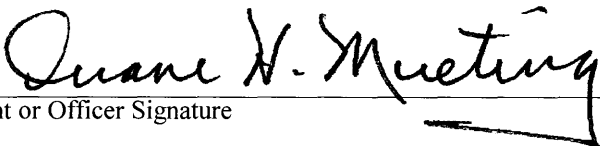
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16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Seneca, Kansas, this 22<sup>nd</sup> day of January, 2020

  
Applicant Signature

By   
Agent or Officer Signature

Duane H. Mueting, P.E., P.L.S., Agent  
Agent or Officer (Please Print)

Assisted By:

Duane H. Mueting, P.E., P.L.S.  
Mueting Engineering  
612 Community Drive  
Seneca, Kansas 66538  
785-334-6044 / 785-336-1390 (Cell)  
[mueting-eng@rainbowtel.net](mailto:mueting-eng@rainbowtel.net)

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FEE SCHEDULE

- The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph #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

- 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 paragraph #1 or paragraph #2 above, whichever is greater, but not both fees.

- 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 the 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.

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**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  

Well ID  

**1 LOCATION OF WATER WELL:** County: Neuhara Fraction NW 1/4 SE 1/4 NW 1/4 Section Number 12 Township Number T 1 S Range Number R 12 E

**2 WELL OWNER:** Last Name: Haverkamp First: Robert Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:   
 Business: \_\_\_\_\_ Address: 2961 L4 Rd.  
 Address: \_\_\_\_\_ City: Bern State: KS ZIP: 66408

**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

	NW	NE	
W	X	X	E
	SW	SE	
	S		

1 mile

**4 DEPTH OF COMPLETED WELL:** 44 ft.  
 Depth(s) Groundwater Encountered: 1) 10.5 ft.  
 2) \_\_\_\_\_ ft. 3) \_\_\_\_\_ ft. or 4)  Dry Well  
 WELL'S STATIC WATER LEVEL: 10.5 ft.  
 below land surface, measured on (mo-day-yr) 9-12-19  
 above land surface, measured on (mo-day-yr) \_\_\_\_\_  
 Pump test data: Well water was 36 ft. after 1 hours pumping 33 gpm  
 Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Estimated Yield: 2.0 gpm  
 Bore Hole Diameter: 9.5 in. to 44 ft. and \_\_\_\_\_ in. to \_\_\_\_\_ ft.

**5 Latitude:** 39.9812125 (decimal degrees)  
**Longitude:** 96.027325 (decimal degrees)  
 Horizontal Datum:  WGS 84  NAD 83  NAD 27  
 Source for Latitude/Longitude:  
 GPS (unit make/model: \_\_\_\_\_) (WAAS enabled?  Yes  No)  
 Land Survey  Topographic Map  
 Online Mapper: cell phone app

**6 Elevation:** \_\_\_\_\_ ft.  Ground Level  TOC  
 Source:  Land Survey  GPS  Topographic Map  
 Other \_\_\_\_\_

**7 WELL WATER TO BE USED AS:**

1. Domestic:  Household  Lawn & Garden  Livestock  
 2.  Irrigation  
 3.  Feedlot  
 4.  Industrial  
 5.  Public Water Supply: well ID \_\_\_\_\_  
 6.  Dewatering: how many wells? \_\_\_\_\_  
 7.  Aquifer Recharge: well ID \_\_\_\_\_  
 8.  Monitoring: well ID \_\_\_\_\_  
 9. Environmental Remediation: well ID \_\_\_\_\_  
 Air Sparge  Soil Vapor Extraction  
 Recovery  Injection  
 10.  Oil Field Water Supply: lease \_\_\_\_\_  
 11. Test Hole: well ID \_\_\_\_\_  
 Cased  Uncased  Geotechnical  
 12. Geothermal: how many bores? \_\_\_\_\_  
 a) Closed Loop  Horizontal  Vertical  
 b) Open Loop  Surface Discharge  Inj. of Water  
 13.  Other (specify): \_\_\_\_\_

**Was a chemical/bacteriological sample submitted to KDHE?**  Yes  No If yes, date sample was submitted: \_\_\_\_\_  
 Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other \_\_\_\_\_ CASING JOINTS:  Glued  Clamped  Welded  Threaded  
 Casing diameter 5 in. to 44 ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 24 in. Weight 2.96 lbs./ft. Wall thickness or gauge No. 265

**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) \_\_\_\_\_  
 Brass  Galvanized Steel  Concrete tile  None used (open hole)

**SCREEN OR PERFORATION OPENINGS ARE:**  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) \_\_\_\_\_  
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)

**SCREEN-PERFORATED INTERVALS:** From 34 ft. to 44 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
**GRAVEL PACK INTERVALS:** From 22 ft. to 32 ft., From 32 ft. to 44 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other \_\_\_\_\_  
 Grout Intervals: From 0 ft. to 22 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**Nearest source of possible contamination:**  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) \_\_\_\_\_  
 Direction from well? East Distance from well? 600 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	No sample			
5	16	sandy clay - brn			
16	17	sandy clay - dk. brn			
17	28	sandy clay - tan			<b>JAN 27 2020</b>
28	35	sandy clay - gray			
35	39	F-sand w/ gravel - brn			
39	43	shale - blue gray			Notes: <u>22-32 - road gravel</u> <u>32-44 - 8x16</u>
43	45	shale - red			

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-yr) 9-12-19 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-yr) 10/31/2019 under the business name of Rieschick Drilling Company. Signature [Signature]

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524. Visit us at <http://www.kdheks.gov/waterwell/index.html> KSA 82a-1212 **Revised 7/10/2015**

**STOCK WATER USE  
SUPPLEMENTAL SHEET**

File # \_\_\_\_\_

Name of Applicant (please print):

Mr. Alan Haverkamp  
HAVERKAMP BROTHERS, INC.  
2976 "L4" Road  
Bern, Kansas 66408

1. Please indicate the type of livestock (cattle, hogs, etc.)  
Hogs

2. Please complete the following table showing past and present water requirements:

**PAST NUMBER OF HEAD AND WATER DIVERTED, IF APPLICABLE**

LAST 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (Gallons)	GALLONS PER HEAD PER DAY
5 Years Ago			
Last Year			
Present Year			

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3. Please complete the following table showing estimated future water requirements.

**ESTIMATED FUTURE NUMBER OF HEAD AND WATER DIVERTED**

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NEXT 5 YEARS	NUMBER OF HEAD	WATER DIVERTED (Gallons)	GALLONS PER HEAD PER DAY
Year 1	4625	16,361,125	9.7 Gallons Drinking, Cooling & Sanitation
Year 2	4625	16,361,125	9.7 Gallons Drinking, Cooling & Sanitation
Year 3	4625	16,361,125	9.7 Gallons Drinking, Cooling & Sanitation
Year 4	4625	16,361,125	9.7 Gallons Drinking, Cooling & Sanitation
Year 5	4625	16,361,125	9.7 Gallons Drinking, Cooling & Sanitation

Please attach any additional information, tables or curves showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used. Show in the space provided below the Section (S), Township (T) and Range (R) and the number of acres in each forty acre tract or fractional portion thereof.

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
12	1	12E	Swine Facility Stockwatering - Near the West side of the Northeast One-Quarter of Section 12																



5. Show quantities of water used and all associated water used at the feedlot such as water used in feed mills, cooling of animals, washing, flushing of waste, etc:

**Drinking Water**

800 Head of Sows & Litters x 8 gallons / head (avg) x 365 days/year = 2,336,000 Gallons  
3,825 Head of Gestation Sows x 6 gallon / head (avg) x 365 days/year = 8,376,750 Gallons

**Servicing / Flushing / Cooling / Sanitation**

800 Head of Sows & Litters x 5 gallons / head (avg) x 365 days/year = 1,460,000 Gallons  
3,825 Head of Gestation Sows x 3 gallon / head (avg) x 365 days/year = ~~8,376,750~~ Gallons  
**4,188,375**

**TOTAL**

16,361,125 Gallons - 50.21 Acre-Feet

6. Show location of present and future location of confinement pens on your attached maps or photographs.
7. Total feed bunk space for cattle or livestock is N/A linear feet.
8. Total size of stock pens for confinement area of cattle, hogs, etc is three (3) confinement buildings — two (2) gestation buildings with dimensions of 173'-10" x 380'-8" and 56'-0" x 385'-0"; and one (1) farrowing building with dimensions of 149'-0" x 372'-6".

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

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# HAVERKAMP BROTHERS, INC.

Home Farm

Section 12, Township 1 South, Range 12 East  
Nemaha County, Kansas



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NOTE: No other wells exist within one-half (1/2) mile of this well.

DWR 1-100 (Revised 03/12/2019)

SCANNED

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**DATA ENTRY SYSTEM ID NUMBER SHEET**

**FILE NUMBER** 50340

<b>APPLICANT PERSON ID &amp; SEQ #</b>	<b>PDIV ID</b>	<b>BATTERY ID</b>
<u>67165</u>	<u>87876</u>	

<b>LANDOWNER PERSON ID &amp; SEQ #</b>	<b>PUSE ID</b>
<u>67165</u>	<u>69819</u>

<b>WATER USE CORRESPONDENT PERSON ID &amp; SEQ #</b>
<u>67165</u>