

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

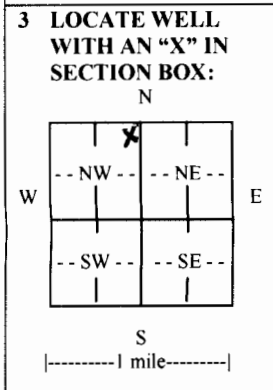
49,026

1 LOCATION OF WATER WELL: County: Scott	Fraction ¼ NE ¼ NE ¼ NW ¼	Section Number 18	Township No. T 18 S	Range Number R 32 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Scott City Public Works
 RR#, Street Address, Box #: 481 E. Rd 160
 City, State, ZIP Code : Scott City, KS 67871



4 DEPTH OF COMPLETED WELL 237 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL 144 ft. below land surface measured on mo/day/yr.....
 Pump test data: Well water was 166 ft. after 4 hours pumping 271 gpm
 EST. YIELD 271 gpm. Well water was ft. after hours pumping gpm
 Bore Hole Diameter 18 in. to 237 ft., and in. to ft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter .10 in. to .157 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface .18 in., Weight 250 lbs./ft., Wall thickness or gauge No. SDR17.....
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
 SCREEN-PERFORATED INTERVALS: From .157 ft. to .237 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From .25 ft. to .237 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From .5 ft. to .25 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from well North Distance from well .110.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
2	4	Top Soil (SAGER'S PUMP SERVICE)	105	118	Fine Sand
4	28	Brown Clay (DRILLED TEST HOLE)	118	138	Gvp
28	30	Fine Sand	138	142	Sand Stone
30	51	Brown Clay	142	171	Fine to Medium Sand
51	62	White Clay	171	185	Medium Gravel With White Clay
62	71	Brown Clay	185	205	Medium Sand With Brown Clay
71	84	Fine to Medium Sand	205	215	Fine Sand With White Clay
84	89	White Clay	215	225	Fine to Medium Sand
89	91	Fine Sand	225	231	Medium Sand
91	105	Medium to Coarse Sand	321	237	Yellow

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 6-2-15 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 532 This Water Well Record was completed on (mo/day/year) 3-1-16 under the business name of Midwest Well & Pump Inc. by (signature)

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Acting Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**
(This is not a Certificate of Appropriation)

This is to certify that I have examined Application **File No. 49,026** of the applicant

**Scott County Kansas
303 Court Street
Scott City, Kansas 67871**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

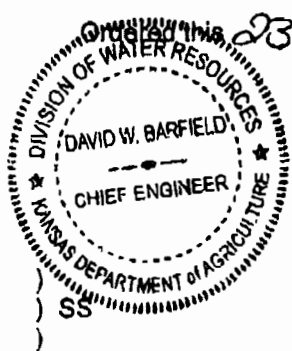
1. That the priority date assigned to such application is **March 28, 2014**.
2. That the water sought to be appropriated shall be used for industrial use in Scott County, Kansas.
3. That the authorized source from which the appropriation shall be made is groundwater from Ogallala formation, to be withdrawn by means of one (1) well located in the Northeast Quarter of the Northeast Quarter of the Northwest Quarter (NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 18, more particularly described as being near a point 4,899 feet North and 2,674 feet West of the Southeast corner of said section, in Township 18 South, Range 32 West, Scott County, Kansas, located substantially as shown on the topographic map accompanying the application.
4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **600 gallons per minute (1.34 c.f.s.)** and to a quantity not to exceed **4.887 million gallons (15.0 acre-feet)** of water for any calendar year.
5. That installation of works for diversion of water shall be completed on or before **December 31, 2016** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2020** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

This Order shall become a final agency action, as defined by K.S.A. 77-607 (b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901 (a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564-6777.



Witnessed this 23rd day of December, 2014, in Topeka, Shawnee County, Kansas.

David W. Barfield
David W. Barfield, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture

State of Kansas
County of Riley

The foregoing instrument was acknowledged before me this 23rd day of December, 2014, by David W. Barfield, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.

Karen Hunter
Notary Public



CERTIFICATE OF SERVICE

On this 5th day of January, 2015, I hereby certify that the foregoing Approval of Application and Permit to Proceed, for File No. 49,026, dated Dec. 23, 2014, was mailed postage prepaid, first class, US mail to the following:

SCOTT COUNTY KANSAS
ATTN JAMES MINNOX
303 COURT STREET
SCOTT CTY KS 67871

WITH PHOTOCOPIES TO
GARDEN CITY FIELD OFFICE
GMD NO. 1

[Signature]
DIVISION OF WATER RESOURCES