

Kansas Department of Agriculture
Division of Water Resources
PERMIT OF NEW APPLICATION WORKSHEET

1. File Number: <p style="text-align: center;">49,959</p>	2. Status Change Date: <p style="text-align: center;"><i>5/1/2018</i></p>	3. Field Office: <p style="text-align: center;">01</p>	4. GMD: <p style="text-align: center;">0</p>
---	--	--	--

5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

6. Enclosures: Check Valve N of C Form Water Tube Driller Copy Meter

<p>7a. Applicant(s) Person ID <u>60001</u> New to system <input type="checkbox"/> Add Seq# _____</p> <p>PINE RIDGE INC 477 K 246 MORRILL KS 66515</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>
<p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>MIDWEST IRRIGATION % KEITH GRIMM 2991 GOLDFINCH RD HIAWATHA KS 66434 8371</p>

<p>8. WUR Correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p> <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>
--	--

10. Completion Date: 12/31/2019 11. Perfection Date: 12/31/2023 12. Exp Date: _____

13. Conservation Plan Required? Yes No Date Required: _____ Date Approved: _____ Date to Comply: _____

14. Water Level Measuring Device? Yes No Date to Comply: _____ Date WLMD Installed: _____

Date Prepared: **4/4/2018** By: **DWS**
Date Entered: *5/1/2018* By: *UM*

File No. 49,959	15. Formation Code: 100	Drainage Basin: SF BIG NEMAHA RIVER	County: BR	Special Use:	Stream:																																																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; vertical-align: top;"> 16. Points of Diversion T MOD DEL ENT PDIV Qualifier S T R ID 'N 'W </td> <td style="width:50%; vertical-align: top;"> 17. Rate and Quantity Authorized Additional Rate gpm Quantity af Rate gpm Quantity af Overlap PD Files </td> </tr> <tr> <td> MOD 86510 NE NE NE 3 2S 15E 7 4950 588 (Geo-Ctr) </td> <td> 800 500 800 93.5 NONE </td> </tr> <tr> <td> ENT 86756 NE NE NE 3 2S 15E 5200 588 Batt 1 of 4 </td> <td></td> </tr> <tr> <td> ENT 86757 NE NE NE 3 2S 15E 5075 588 Batt 1 of 4 </td> <td></td> </tr> <tr> <td> ENT 86758 NE NE NE 3 2S 15E 4825 588 Batt 1 of 4 </td> <td></td> </tr> <tr> <td> ENT 86759 NE NE NE 3 2S 15E 4700 588 Batt 1 of 4 </td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;"> Battery ID # 2079 </td> </tr> </table>						16. Points of Diversion T MOD DEL ENT PDIV Qualifier S T R ID 'N 'W	17. Rate and Quantity Authorized Additional Rate gpm Quantity af Rate gpm Quantity af Overlap PD Files	MOD 86510 NE NE NE 3 2S 15E 7 4950 588 (Geo-Ctr)	800 500 800 93.5 NONE	ENT 86756 NE NE NE 3 2S 15E 5200 588 Batt 1 of 4		ENT 86757 NE NE NE 3 2S 15E 5075 588 Batt 1 of 4		ENT 86758 NE NE NE 3 2S 15E 4825 588 Batt 1 of 4		ENT 86759 NE NE NE 3 2S 15E 4700 588 Batt 1 of 4		Battery ID # 2079																																																																																																																												
16. Points of Diversion T MOD DEL ENT PDIV Qualifier S T R ID 'N 'W	17. Rate and Quantity Authorized Additional Rate gpm Quantity af Rate gpm Quantity af Overlap PD Files																																																																																																																																													
MOD 86510 NE NE NE 3 2S 15E 7 4950 588 (Geo-Ctr)	800 500 800 93.5 NONE																																																																																																																																													
ENT 86756 NE NE NE 3 2S 15E 5200 588 Batt 1 of 4																																																																																																																																														
ENT 86757 NE NE NE 3 2S 15E 5075 588 Batt 1 of 4																																																																																																																																														
ENT 86758 NE NE NE 3 2S 15E 4825 588 Batt 1 of 4																																																																																																																																														
ENT 86759 NE NE NE 3 2S 15E 4700 588 Batt 1 of 4																																																																																																																																														
Battery ID # 2079																																																																																																																																														
18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft																																																																																																																																														
19. Limitation: 710 af/yr at _____ gpm (_____ cfs) when combined with file number(s) 46,969; 47,141; 47,142; 47,464; 48,819; and 49,220 (ON PU) _____ Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____																																																																																																																																														
20. Meter Required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No To be installed by 12/31/2019 Date Acceptable Meter Installed _____																																																																																																																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%; vertical-align: top;"> 21. Place of Use T MOD DEL ENT PUSE S T R ID </td> <td style="width:4%;"></td> <td colspan="4" style="text-align: center;">NE¼</td> <td colspan="4" style="text-align: center;">NW¼</td> <td colspan="4" style="text-align: center;">SW¼</td> <td colspan="4" style="text-align: center;">SE¼</td> <td style="width:5%;">Total</td> <td style="width:10%;">Owner</td> <td style="width:10%;">Chg? NO</td> <td style="width:10%;">Overlap Files</td> </tr> <tr> <td></td> <td></td> <td>NE ¼</td> <td>NW ¼</td> <td>SW ¼</td> <td>SE ¼</td> <td>NE ¼</td> <td>NW ¼</td> <td>SW ¼</td> <td>SE ¼</td> <td>NE ¼</td> <td>NW ¼</td> <td>SW ¼</td> <td>SE ¼</td> <td>NE ¼</td> <td>NW ¼</td> <td>SW ¼</td> <td>SE ¼</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>✓ 65139</td> <td>34</td> <td>1S</td> <td>15E</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40</td> <td>40</td> <td>34</td> <td></td> <td></td> <td></td> <td></td> <td>114</td> <td>7a.</td> <td>No</td> <td>*See Below</td> </tr> <tr> <td>MOD 59361</td> <td>3</td> <td>2S</td> <td>15E</td> <td>1</td> <td>40</td> <td>35</td> <td>40</td> <td></td> <td>39.5</td> <td>40</td> <td>39.5</td> <td>40</td> <td>39.5</td> <td>24</td> <td>2</td> <td>36</td> <td></td> <td>40</td> <td>40</td> <td></td> <td>455.5</td> <td>7a.</td> <td>No</td> <td>*See Below</td> </tr> <tr> <td>MOD 59922</td> <td>10</td> <td>2S</td> <td>15E</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>32</td> <td>40</td> <td>37.5</td> <td></td> <td>31</td> <td></td> <td></td> <td></td> <td>140.5</td> <td>7a.</td> <td>No</td> <td>*See Below</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						21. Place of Use T MOD DEL ENT PUSE S T R ID		NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files			NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼					✓ 65139	34	1S	15E	1							40	40	34					114	7a.	No	*See Below	MOD 59361	3	2S	15E	1	40	35	40		39.5	40	39.5	40	39.5	24	2	36		40	40		455.5	7a.	No	*See Below	MOD 59922	10	2S	15E	1						32	40	37.5		31				140.5	7a.	No	*See Below																								
21. Place of Use T MOD DEL ENT PUSE S T R ID		NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files																																																																																																																									
		NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼																																																																																																																													
✓ 65139	34	1S	15E	1							40	40	34					114	7a.	No	*See Below																																																																																																																									
MOD 59361	3	2S	15E	1	40	35	40		39.5	40	39.5	40	39.5	24	2	36		40	40		455.5	7a.	No	*See Below																																																																																																																						
MOD 59922	10	2S	15E	1						32	40	37.5		31				140.5	7a.	No	*See Below																																																																																																																									
Comments: *File Nos. 46,969; 47,141; 47,142; 47,464; 48,819; and 49,220 all overlap in Place of Use (after changes).																																																																																																																																														

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
MEMORANDUM

TO: Files

DATE: April 4, 2018

FROM: Doug Schemm

RE: Application, File No. 49,959

Pine Ridge, Inc. has filed the referenced application to appropriate 500 acre-feet of groundwater from a battery of four wells at a rate of diversion of 800 gallons per minute to irrigate 710 acres in Brown County, within the S.F. Big Nemaha River Drainage Basin. The battery of wells will be located in the Northeast Quarter of Section 3, Township 2 South, Range 15 East, Brown County. The proposed place of use is entirely owned by the applicant. The point of diversion is owned by the applicant and Kevin Grimm has signed the application form stating he has legal access to, or control of, the point of diversion. There are no overlapping files in point of diversion. However, this application will form a complete overlap in place of use with Appropriation of Water, File Nos. 46,969; 47,141; 47,142; 47,464; 48,819; and 49,220 (following Place of Use Changes).

All of the authorized and proposed water rights involving this place of use are summarized below:

File Number	Storage			Direct Use		
	Authorized Quantity (AF)	Authorized Rate	Limitation	Authorized Quantity (AF)	Authorized Rate (GPM)	Limitation
46,969	458	NF	None	295	2,000	None
47,141	84	NF	458 AF w/ 46,969	84	2,000	2,000 GPM w/ 46,969
47,142	104	NF	None	79	1,200	None
47,464	---	---	---	79	2,800	79 AF w/ 47,142
48,819	192.5	NF	None	192.5	1,500	616.5 AF w/ 46,969; 47,141; 47,142; & 47,646
49,220	---	---	---	612	800	616.5 AF w/ all prior files listed above
49,959	---	---	---	500	800	710 AF w/ all prior files listed above

The proposed place of use comprises 710 acres. The maximum quantity considered reasonable to irrigate this place of use is 710 acre-feet (710 acres X 1 AF/acre in Brown Co). As mentioned above, this application shares the same place of use with File Nos. 46,969; 47,141; 47,142; 47,464; 48,819; and 49,220 which are authorized a quantity of 616.5 acre-feet. The new application File No. 49,959 will be limited to a quantity of 710 acre-feet when used in combination with all other files sharing this place of use, providing 93.5 acre-feet of additional water. The requested rate of diversion (800 gpm) meets the definition of a well battery and will be all additional rate.

The applicant identified one domestic well within one-half mile, and a nearby well owner notification letter was sent on February 21, 2018. No response of any kind was received. This is the closest domestic well and it is located over 1,000 feet away. According to the WRIS database, the nearest non-domestic well (the applicant's other well battery) is located over 7,000 feet from the proposed well battery geographic center. Therefore the proposed point of diversion meets the minimum well spacing criteria to all wells per the requirements in K.A.R. 5-4-4 and there is no indication that the proposed appropriation will impair any existing water rights.

A test hole log submitted with the pending application shows interbedded shales to a total depth of 95 feet. One very limited limestone layer was encountered between 35 to 36 feet below ground. A "void" with water was reported from 42 feet to 47 feet below ground surface. In addition, groundwater was also encountered in the highly weathered shale layer extending from 70 feet to 90 feet below ground (drilling log comments are "voided" and "lots of water" at this interval). The static water level was reported at 47 feet below ground level, which would correspond to the shallow "void" zone. The source of water for the proposed wells appears to be the Permian System - Council Grove Group (550), based on a review of the submitted test hole log, geologic maps, and Kansas Geological Survey Bulletin 186 (Geology and Groundwater Resources of Brown County, KS). The primary aquifer for this application is the weathered shale unit (Roca Shale), which the KGS Brown County Bulletin reports is capable of yielding up to 150 gallons per minute.

As noted above, the static water level does correspond with the shallow show of water, but the comment is "1 gpm", therefore this would not be a contributing zone in the aquifer. It would appear this aquifer is confined, with the static water level extending above the top of the primary aquifer at 70 feet to 90 feet below ground. Per K.A.R 5-3-14, safe yield for a confined aquifer is processed on a case by case basis using the best available information. Because no specific criteria have been developed for safe yield evaluation of this particular aquifer, it appears that the pending application can be reviewed using the safe yield criteria outlined in K.A.R. 5-3-11 for unconfined aquifers. This is consistent with other applications with a bedrock source of supply. This safe yield analysis provides a maximum potential annual recharge of 5.1 inches, since a deeper confined aquifer would likely only receive a portion of the recharge that a shallow, unconfined aquifer would receive. If the procedure outlined by K.A.R. 5-3-11 indicates that a significant quantity of water remains available for appropriation, then there would be sufficient water for this application even with a considerable reduction in the amount of recharge reaching the deeper semi-confined aquifer (in this case about 2 inches of recharge would provide sufficient water for both prior and proposed appropriations).

The area of consideration, defined by the extent of the bedrock aquifer within a two mile radius, is 8,042 acres. Based on a potential recharge of 5.1 inches, with 100% available for appropriation, safe yield was determined to be 3,417.9 acre-feet. There are four existing water rights that have appropriated 1,222 acre-feet, leaving 2,195.9 acre-feet available, so there is sufficient water available for appropriation, and the application meets safe yield.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R. 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed. In an April 3, 2018 discussion, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced application. Based on the above discussion, well spacing and safe yield criteria are met, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced new application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

May 8, 2018

PINE RIDGE INC
% KEVIN GRIMM
477 K 246
MORRILL KS 66515

FILE COPY

Re: Appropriation of Water, File No. 49,959

Dear Mr. Grimm:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents. A water meter is required on the proposed diversion works and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws
Enclosures

pc: Topeka Field Office
Keith Grimm – MWI

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, 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. 49,959** of the applicant

**PINE RIDGE INC
477 K 246
MORRILL KS 66515**

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 **December 28, 2017**.
2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
34	1S	15E									40	40	34					114	
3	2S	15E	40	35	40		39.5	40	39.5	40	39.5	24	2	36		40	40		455.5
10	2S	15E						32	40	37.5		31							140.5

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a battery of four (4) wells with a geographic center located in the Northeast Quarter of the Northeast Quarter of the Northeast Quarter (NE¼ NE¼ NE¼) of Section 3, more particularly described as being near a point 4,950 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 East, Brown 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 **800 gallons per minute** (1.78 c.f.s.) and to a quantity not to exceed **500 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, 2019**, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$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 accompanied by the required statutory fee, which is currently \$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, 2023**, 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.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.

8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.

9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.

10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.

11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).

14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.

15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

18. That this permit is limited such that all wells shall be located within a three hundred (300) foot radius circle, in the same local source of supply, and shall supply water to a common distribution system.

19. That the quantity of water approved under this permit is further limited to the quantity which combined with Appropriation of Water, File Nos. 46,969; 47,141; 47,142; 47,464; 48,819; and 49,220, will provide a total **not to exceed 710.0 acre-feet** of water per calendar year for irrigation use on the land described herein.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

Home well

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49959
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

APPLICATION COMPLETE
4/16/18
Reviewer KAB for DWS

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.)

DEC 28 2017
10:00
KS DEPT OF AGRICULTURE

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
109 SW 9th Street, Second Floor, Topeka, KS 66612-1283:

1. Name of Applicant (Please Print): Pine Ridge
Address: 477 K246
City: Morrill State KS Zip Code 66515
Telephone Number: (785) 459-2851

2. The source of water is: surface water in _____
OR groundwater in Bedrock SF Big Nemaha
(stream) (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 500 acre-feet OR _____ gallons per calendar year,
to be diverted at a maximum rate of 800 Bedrock wells 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. 1 Meets K.A.R. 5-3-1 (YES/NO) Use FRR Source G S County RR By AdW Date 12/22/17
Code 223 Fee \$ 340 TR # _____ Receipt Date 12/28/17 Check # 1041

SCANNED
1/3/2018 LLM

Home well

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49959
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

DEC 28 2017
10:00
KS DEPT OF AGRICULTURE

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,
109 SW 9th Street, Second Floor, Topeka, KS 66612-1283:

1. Name of Applicant (Please Print): Pine Ridge
Address: 477 K246
City: Morrill State KS Zip Code 66515
Telephone Number: (785) 459-2851

2. The source of water is: surface water in _____ (stream)
OR groundwater in Bedrock SF Big Nemaha (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 500 acre-feet OR _____ gallons per calendar year,
to be diverted at a maximum rate of 800 ^{Battery Wells} 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. 1 GMD Meets K.A.R. 5-3-1 (YES/NO) Use FR Source G S County BR By ADW Date 12/28/17
Code RE3 Fee \$ 340 TR # _____ Receipt Date 12/28/17 Check # 1041

1/3/2018 LLM

* Per email from Applicant - Lined up N to S.

DWS / DWR 3129/18

File No. 49959

4 of 4 NE NE NE 4700' N + 588' W 3-2S-15E Brown Co.

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.

* Geo-center (A)

One in the NE quarter of the NE quarter of the NE quarter of Section 3, more particularly described as being near a point 4950 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 East West (circle one), Brown County, Kansas.

1 of 4 (B)

One in the NE quarter of the NE quarter of the NE quarter of Section 3, more particularly described as being near a point 5200 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 East West (circle one), Brown County, Kansas.

2 of 4 (C)

One in the NE quarter of the NE quarter of the NE quarter of Section 3, more particularly described as being near a point 5075 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 East West (circle one), Brown County, Kansas.

3 of 4 (D)

One in the NE quarter of the NE quarter of the NE quarter of Section 3, more particularly described as being near a point 4825 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 East West (circle one), Brown 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):

Same.

(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 December 20, 2017.

Terri Dumin

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 Battery 4 wells

and (was)(will be) completed (by) July 1st 2018

(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 July 2018

WATER RESOURCES RECEIVED

DEC 28 2017

KS DEPT OF AGRICULTURE

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 NE quarter of the NE quarter of Section 3, more particularly described as being near a point 4720 feet North and 588 feet West of the Southeast corner of said section, in Township 2 South, Range 15 (East/West (circle one)), Brown 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):

Same.

 (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 December 20, 2017. Terin Dumin
 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 Battery 7 wells
 (number of wells, pumps or dams, etc.)
 and (was)(will be) completed (by) July 1st 2018
 (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 July 2018
 (M/D/Year)

WATER RESOURCES
RECEIVED

DEC 28 2017
SCANNED

- 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.

- NA 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.

Will be overlapping 47142, 48819, 46830, 46969, 47141, 49220

This well Battery can pump to ponds which cover all Acres.

WATER RESOURCES RECEIVED

DEC 28 2017 SCANNED

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):
same
(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 Hawatha, Kansas, this 20 day of December, 2017
(month) (year)

Herin Dumin
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Kath D _____ MWS _____ Date: 12/20/17
(office/title)

well
#49,959

IRRIGATION USE
SUPPLEMENTAL SHEET

File No. 49959

Name of Applicant (Please Print): Pine Ridge Inc

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: Pine Ridge Inc
ADDRESS: 477 K246 Morrill KS 66515

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10	2	15E					8	40	40			31							119
3	2	15E	36	21	40		38	25	38	40	40	25	2	36		34	40		415
34	1	15E										40	40	34					114

Revised per Applicant Dws/DWR 3/12/18

Total = 648 AC

Landowner of Record NAME: Pine Ridge Inc
ADDRESS: 477 K246 Morrill, KS 66515

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50	2	15					40												
34	1	15									40	40	34						114.0
3	2	15	40	35	40		39.5	40	39.5	40	39.5	24	2	36		40	40		455.5
10	2	15					32	40	37.5		31								140.5

Total = 710

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	

#49,959

Schemm, Doug [KDA]

From: Keith Grimm <Keith@mwivalley.com>
Sent: Thursday, March 29, 2018 6:38 AM
To: Schemm, Doug [KDA]
Subject: RE: Pine Ridge 49,959

Lets do a north to south line and as far north as you can get it

Keith Grimm, Owner
MWI, LLC
1215 Oregon St
Hiawatha, KS 66434
Cell: 785-547-7556
Office: 785-288-1783

From: Schemm, Doug [KDA] <Doug.Schemm@ks.gov>
Sent: Wednesday, March 28, 2018 3:27 PM
To: Keith Grimm <Keith@mwivalley.com>
Subject: Pine Ridge 49,959

Keith,
How do you want the individual wells set up in this battery?
Thanks, Doug

#49,959

Schemm, Doug [KDA]

From: Keith Grimm <Keith@mwivalley.com>
Sent: Monday, March 12, 2018 10:21 AM
To: Schemm, Doug [KDA]
Subject: RE: Pine Ridge 49,959

Looks good thanks

Keith Grimm, Owner
MWI, LLC
1215 Oregon St
Hiawatha, KS 66434
Cell: 785-547-7556
Office: 785-288-1783

From: Schemm, Doug [KDA] <Doug.Schemm@ks.gov>
Sent: Monday, March 12, 2018 9:55 AM
To: Keith Grimm <Keith@mwivalley.com>
Subject: Pine Ridge 49,959

Keith,
Please review this expanded place of use. I will try and get the Change applications to you by tomorrow.
Have a great day,
Doug

Topeka Field Office
6531 SE Forbes Ave., Suite B
Topeka, Kansas 66619



Phone: 785-296-5733
Fax: 785-296-8298
www.agriculture.ks.gov
Governor Jeff Colyer, M.D.

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Katherine A. Tietsort, Water Commissioner

February 21, 2018

JIM & KARLA MCKIM
2811 K246 HWY
MORRILL KS 66515

Re: Pending New Application, File No. 49,959

Dear Sir or Madam:

This is to advise you that Pine Ridge has filed the application referred to above for a permit to appropriate 500 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute. The proposed point of diversion is the geographic center of a battery of wells, located in the Northeast Quarter of the Northeast Quarter of the Northeast Quarter of Section 3, in Township 2 South, Range 15 East, Brown County, Kansas.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of this application in order that you may be fully informed of the proposed location of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

You can find the application and site map posted by the file number referenced above at:
<http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785) 296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Doug Schemm".

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

pc: Pine Ridge

Owner Mailing Address: 450 K 246 HWY MORRILL, KS 66515		NELY270' E270' SWLY270' TO POB		
007-048-34-0-00- 00-004.00-0 Quick Ref ID = 1363 Tax Year = 2017 PINE RIDGE, INC. Owner Mailing Address: Attn: KEVIN GRIMM 477 K 246 HWY MORRILL, KS 66515	00000 COYOTE RD, Morrill, KS 66515 ACRES=114.7 Neighborhood=199	S34 , T01 , R15E , ACRES 114.7 , W2/SW4 & SE4/SW4 LESS BEG 1665.7' E & 30'N SWCOR/SW4 TH N416' E390' S416' W390' TO POB LESS R/W	\$117,030	Agricultural Use
007-048-34-0-00- 00-005.00-0 Quick Ref ID = 1364 Tax Year = 2017 FORSYTH, LYLE D. & PATRICIA L. Owner Mailing Address: 436 K 246 HWY MORRILL, KS 66515	436 K 246 HWY, Morrill, KS 66515 ACRES=3.8 Neighborhood=199	S34 , T01 , R15E , ACRES 3.8 , BEG 1665.7'E & 30'N SWCOR/ SW4 TH N416' E390' S416' W390' TO POB	\$750 A \$99,220 F	Farm Homesite
007-048-34-0-00- 00-006.00-0 Quick Ref ID = 1365 Tax Year = 2017 MCKIM, JIM & KARLA Y. Owner Mailing Address: 2811 K246 HWY MORRILL, KS 66515	2811 K 246 HWY, Morrill, KS 66515 ACRES=154.1 Neighborhood=199	S34 , T01 , R15E , ACRES 154.1 , SE4 LESS R/W	\$118,870 A \$97,600 F	Farm Homesite
Back to Search Page --- Home				

Parcel Search powered by



THOMSON REUTERS

File # 49,959

meets safe yield

BEDROCK Aquifer

Analysis Results

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 3,417.85 AF.

Total prior appropriation in the circle is 1,110.00 AF. - 500 AF = 610 + 612 = 1,222 AF

Total quantity of water available for appropriation is 2,307.85 AF.

2,195.9 AF

Safe Yield Variables

The area used for the analysis is set at 8,042 acres.

Potential annual recharge of the area is estimated to be 5.1 inches.

The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 11-JAN-2018 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 5 water right(s) and 8 point(s) of diversion within the circle.

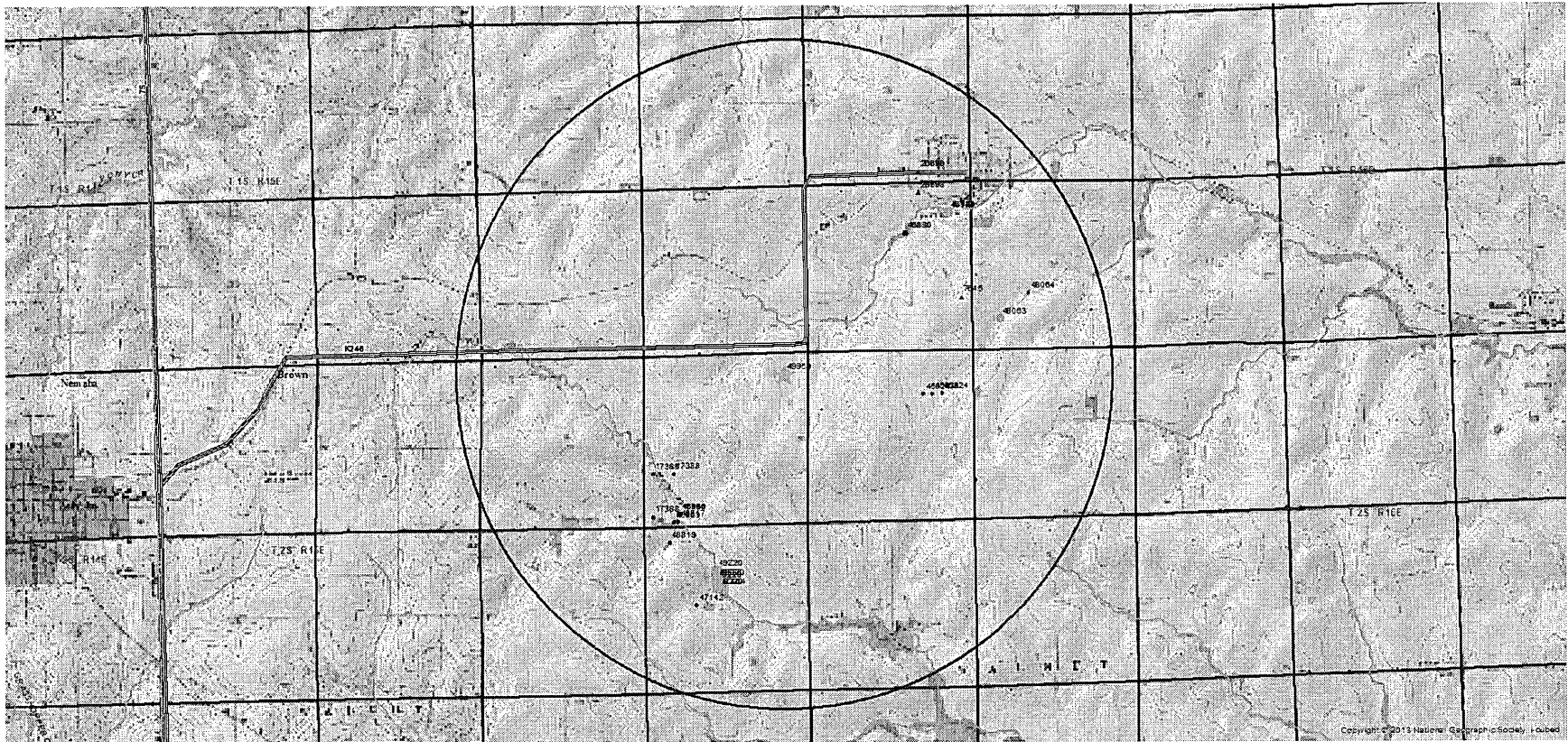
File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A 46934	00 IRR	LR	G		SW	NE	NE	4363	642	35	01	15E	5	WR	207.00	207.00	747.00	747.00
A 47143	00 IRR	LR	G		SW	NE	NE	4363	642	35	01	15E	5	WR	139.00	139.00	747.00	0.00
A 48063	00 IRR	KE	G		NE	SW	SW	1035	4350	36	01	15E	1	WR	264.00	264.00	747.00	0.00
A 49220	00 IRR	LO	G		NE	SE	NW	3594	2939	10	02	15E	4	WR	612.00	0.00	616.50	0.00
Same	IRR	LO	G		SE	SE	NW	3299	2964	10	02	15E	5	WR				
Same	IRR	LO	G		NE	SE	NW	3496	2947	10	02	15E	6	WR				
Same	IRR	LO	G		NE	SE	NW	3693	2930	10	02	15E	7	WR				
Same	IRR	LO	G		NE	SE	NW	3889	2914	10	02	15E	8	WR				
A 49959	00 IRR	AY	G		NE	NE	NE	4720	588	03	02	15E	7	WR	500.00	500.00	648.00	43.00

[+612AF]

49,220 Limited to 616.5 AF with 46,969; 47,141; 47,142; 47,464; + 48,819, which are all Surface Water Files.

Therefore File # 49,220 has the potential to pump Full Authorized Groundwater Quantity of 612 AF. Therefore this ^{Qty} should be added back into prior appropriations.

Safe Yield Report Sheet
Water Right- A4995900
Point of Diversion in NENENE 3-2S-15E 7 (86510)



Geo-Center

49,959

Report Date Wednesday, April 4 2018

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

All wells > 1,320 feet

4950 ft N and 588 ft W of the SE Corner of Section 3, T 2S, R 15E

meets spacing

Located at: 95.715566 West Longitude and 39.912866 North Latitude

GROUNDWATER ONLY

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 46934	00	IRR	LR	G	7182	--	SW	NE	NE	4363	642	35	1	15E	5	207.00	207.00	AF
A__ 47143	00	IRR	LR	G	7182	--	SW	NE	NE	4363	642	35	1	15E	5	139.00	139.00	AF
A__ 48063	00	IRR	KE	G	7119	--	NE	SW	SW	1035	4350	36	1	15E	1	264.00	264.00	AF
A__ 49220	00	IRR	LO	G*	7086	--	NE	SE	NW	3594	2939	10	2	15E	4 G 4	612.00	.00	AF
Same					7372	--	SE	SE	NW	3299	2964	10	2	15E	5 B 4			
Same					7181	--	NE	SE	NW	3496	2947	10	2	15E	6 B 4			
Same					6990	--	NE	SE	NW	3693	2930	10	2	15E	7 B 4			
Same					6801	--	NE	SE	NW	3889	2914	10	2	15E	8 B 4			
A__ 49959	00	IRR	AY	G	230	--	NE	NE	NE	4720	588	3	2	15E	7	500.00	500.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	500.00	.00
Total Permitted Amount (AF) =	264.00	.00
Total Inspected Amount (AF) =	346.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1110.00	.00

An * after the source of supply indicates a pending application for change for the file number.

An * after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 2.00 miles of point defined as:

95.715566 West Longitude and 39.912866 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 46934	00	IRR	LR G
>	SUMMIT FARMS INC		
>	570 280TH ST		
>	MORRILL KS 66515		
A__ 47143	00	IRR	LR G
>	SUMMIT FARMS INC		
>	570 280TH ST		
>	MORRILL KS 66515		
A__ 48063	00	IRR	KE G
>	SUMMIT FARMS INC		
>	570 280TH ST		
>	MORRILL KS 66515		

>-----
A__ 49220 00 IRR LO G
> PINE RIDGE INC
>
> 477 K 246
> MORRILL KS 66515

>-----
A__ 49959 00 IRR AY G
> PINE RIDGE INC
>
> 477 K 246
> MORRILL KS 66515

>-----
=====

well

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49959

Name of Applicant (Please Print): Pine Ridge Inc

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: Pine Ridge Inc
ADDRESS: 477 K246 Morrill KS 66515

S	T	R	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10	2	1SE					8	40	40		31							119	
3	2	1SE	36	21	40		38	25	38	40	40	25	2	36		34	40	415	
34	1	1SE									40	40	34					114	

Total = 648 Ac

Landowner of Record NAME: _____
ADDRESS: _____

S	T	R	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				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	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

49959

associated DRILLING, INC.

201 Industrial Rd., PO Box 7, Olsburg, KS 66520
(785) 468-3324, Fax: (785) 468-3363

December 22, 2017

Test hole log for:

Pine Ridge, Inc.
Mr. Kevin Grimm
477 Hwy K246
Morrill, KS 66515

The location of the test hole is N 39.912308 W 95.715249

Static water level: 47 feet bgs

0-12	Clay, brown
12-35	Shale, red, dry
35-36	Limestone
36-42	Shale, gray
42-47	Void, H ₂ O, ~ 1 GPM
47-70	Shale, gray
70-90	Shale, highly weathered, voided, H ₂ O lots
90-95	Shale, gray, hard

The yield is unknown. A pump test has not been completed. The test well is estimated to yield > 300 gpm based on the geology encountered in the test well compared to other wells in the area.

Darin R. Duncan, PG
Associated Drilling, Inc.

WATER RESOURCES
RECEIVED

DEC 28 2017

KS DEPT OF AGRICULTURE

SCANNED



1320 Research Park Drive
Manhattan, Kansas 66502

Jackie McClaskey, Secretary

Phone: (785) 564-6700

Fax: (785) 564-6777

Email: ksag@kda.ks.gov

www.agriculture.ks.gov

Sam Brownback, Governor

December 29, 2017

PINE RIDGE
477 K246
MORRILL KS 66515

FILE COPY

RE: Application
File No. 49959

Dear Sir or Madam:

Your application for permit to appropriate water in 3-2S-15E in Brown County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

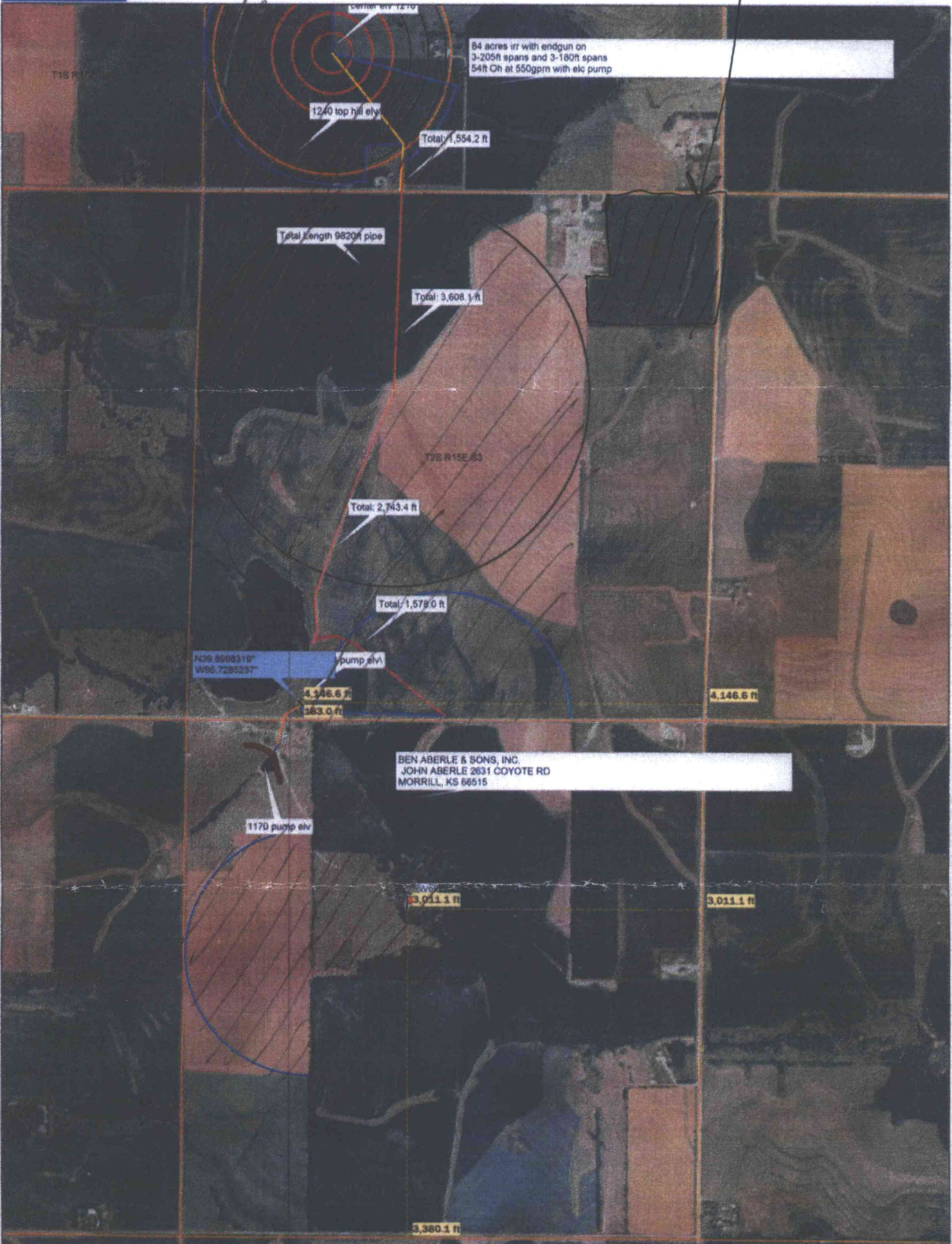
Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: TOPEKA Field Office
GMD

SCANNED

Added Acres 36

49959



Data use subject to license.
 © DeLorme. XMap® 8.
 www.delorme.com



WATER RESOURCES RECEIVED

Scale 1 : 16,000



DEC 28 2017 1" = 302.7 ft

Data Zoom 13-8



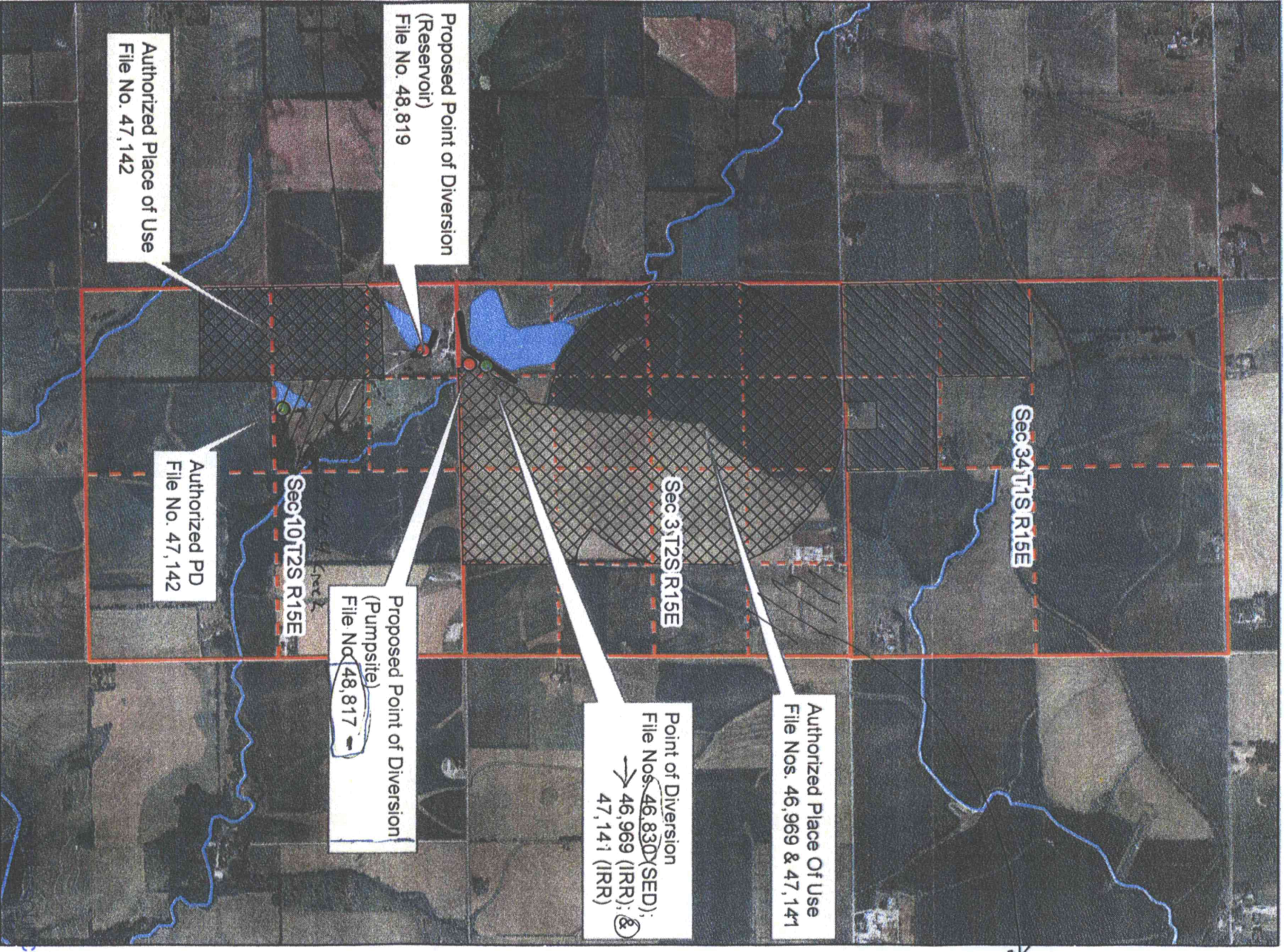
WATER RESOURCES
RECEIVED

DEC 28 2017

SCANNED
KS DEPT OF AGRICULTURE



49959

New Application, File Nos. 48,817 & 48,819



49220
we'll

Added
Area

 Proposed Place of Use
 Authorized Place of Use



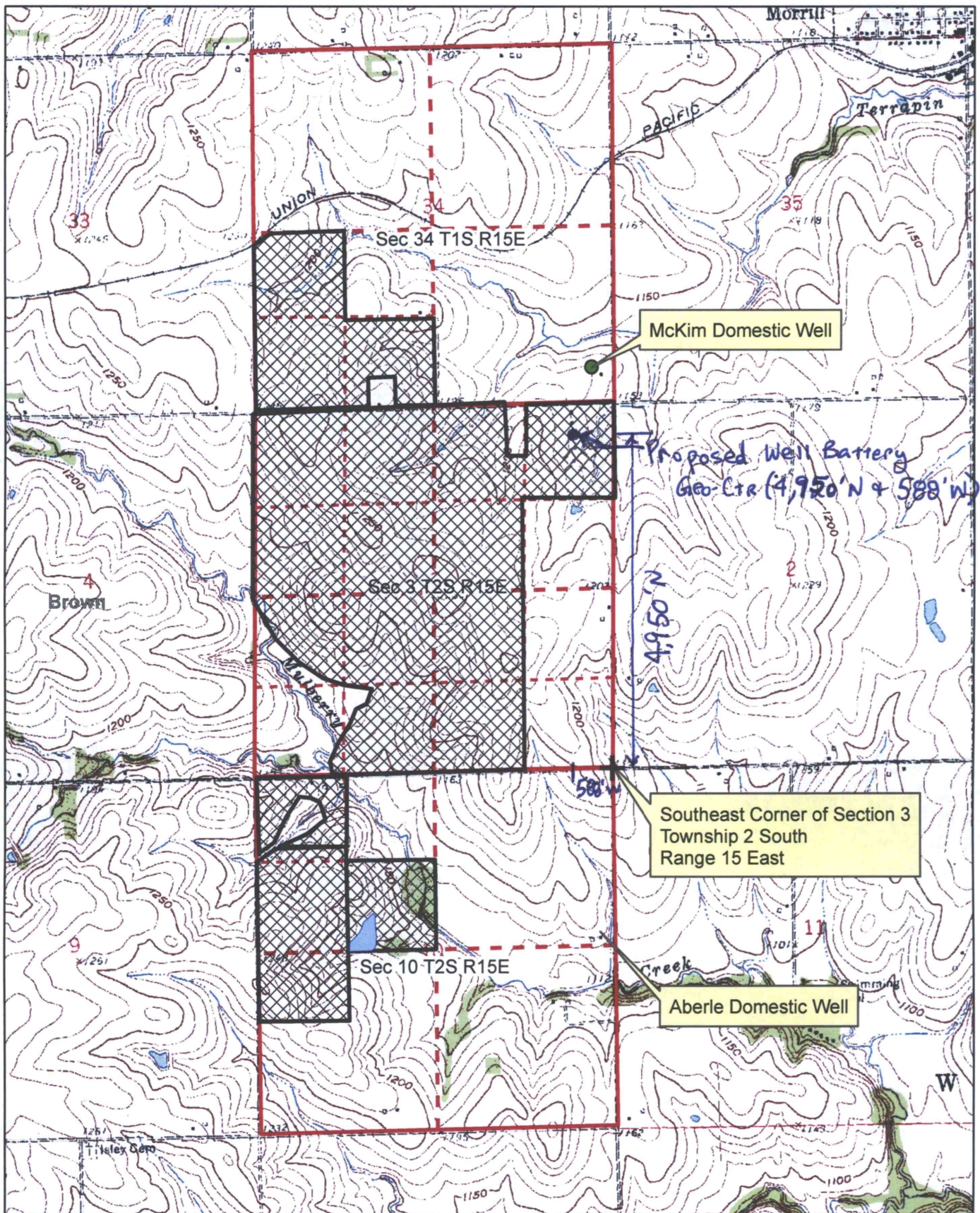
0 0.25 0.5 Miles


1:24,000

DEC 28 2017
 SCANNED
 BY THE DISTRICT OF AGRICULTURE
 Map prepared by I H HUTTON S-2-14

PROPOSED PLACE OF USE

FILE NOS. 46,969; 47,141; 47,142; 47,464; 48,819; AND 49,220



 Proposed Place of Use



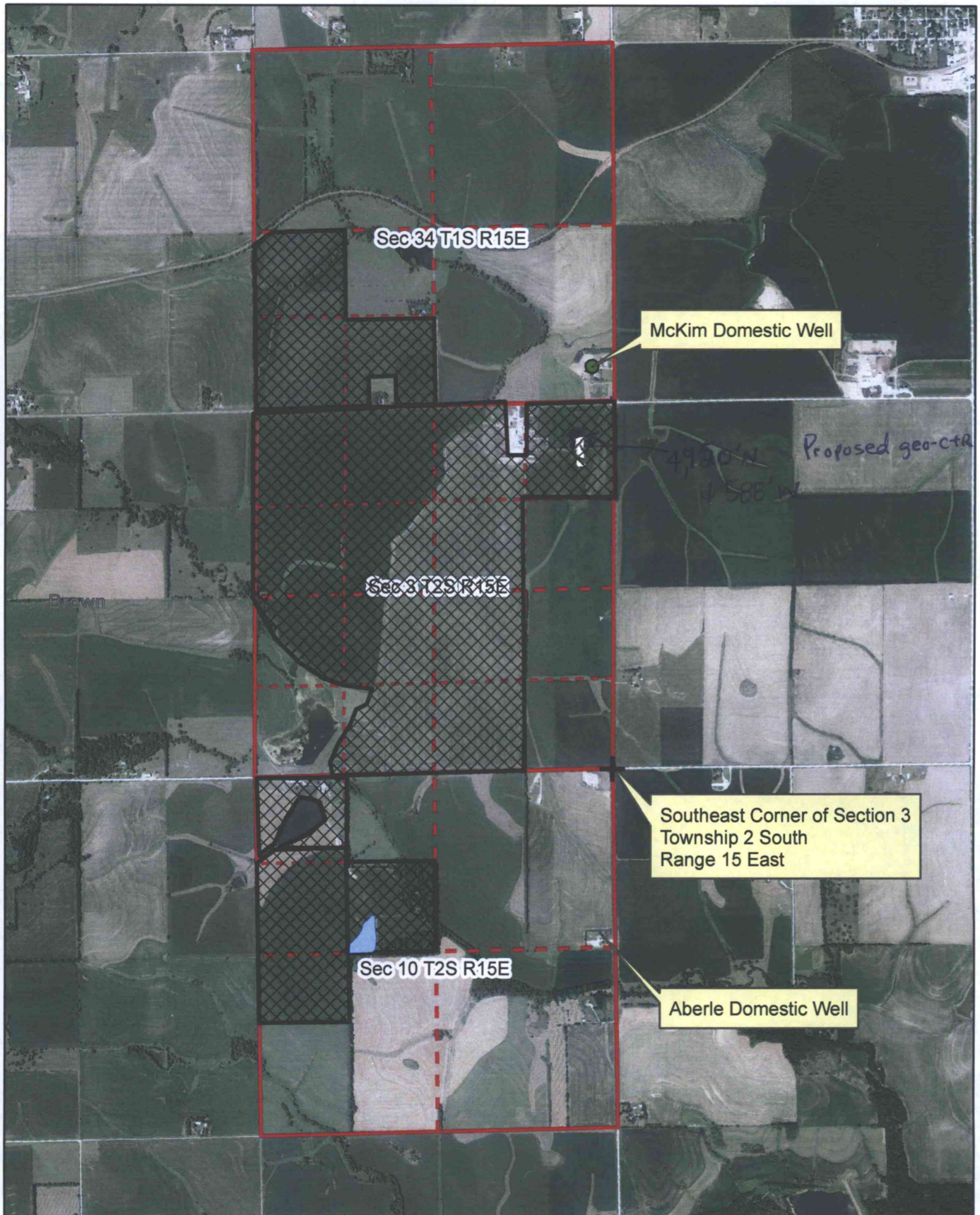
1:24,000



#49,959

PROPOSED PLACE OF USE

FILE NOS. 46,969; 47,141; 47,142; 47,464; 48,819; AND 49,220



Proposed Place of Use



1:24,000

