

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.

Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, Kansas 66502
http://agriculture.ks.gov/dwr

**APPLICATION FOR APPROVAL TO
CHANGE THE PLACE OF USE, THE
POINT OF DIVERSION OR THE USE
MADE OF THE WATER UNDER AN
EXISTING WATER RIGHT**



State of Kansas

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule on signature page of application form.)

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1. Application is hereby made for approval of the Chief Engineer to change the

- (Check one or more)
- Place of Use
 - Point of Diversion
 - Use Made of Water

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JUL 23 2018

1:13
KS DEPT OF AGRICULTURE

File No. 22,121

2. Name of applicant: Midwest Feeders, Inc.

Address: 05013 13 Road

City, State and Zip: Ingalls, KS 67853

Phone Number: (620) 335-5790 E-mail address: jeff@midwest-feeders.com

What is your relationship to the water right; owner tenant agent other? If other, please explain. _____

Name of water use correspondent: Midwest Feeders, Inc.

Address: 05013 13 Road

City, State and Zip: Ingalls, KS 67853

Phone Number: (620) 335-5790 E-mail address: jeff@midwest-feeders.com

3. The change(s) proposed herein are desired for the following reasons (please be specific): Complete a partial change in use to stockwatering so that water from this well can be diverted to our feedyard. Move a portion of the remaining irrigation quantity to the well associated with File Nos. 10,639 and 22,122 using the additional well regulation.

The change(s) ~~(was)~~-(will be) completed by upon approval. Approval is needed in 2018
(Date)

For Office Use Only:

F.O. 4 GMD 3 Meets K.A.R. 5-5-1 (YES / NO) Use DLR Source GDS County G4 By AW Date 7/23/18
Code C-3 Fee \$ 100 TR # _____ Receipt Date 7/23/18 Check # 234408

7/26/18 DAW

4. The presently authorized place of use is:

Owner of Land — NAME: Midwest Feeders, Inc.

ADDRESS: 05013 13 Road, Ingalls, KS 67853

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	24S	28W									30.0	30.0	30.0	30.0	0.0	29.0	30.0	30.0	209.0
25	24S	29W									40.0	40.0	40.0	40.0	40.0	30.5	40.0	40.0	310.5

List any other water rights that cover this place of use. File Nos. 10,639, 22,122 and 29,614.

Owner of Land — NAME: _____

ADDRESS: _____

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

List any other water rights that cover this place of use. _____

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: Midwest Feeders, Inc.

ADDRESS: 05013 13 Road, Ingalls, KS 67853

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	24S	28W													0.0	29.0	30.0	30.0	89.0
25	24S	29W									40.0	40.0	40.0	40.0	40.0	30.5	40.0	40.0	310.5

List any other water rights that cover this place of use. File Nos. 10,639, 22,122 and 29,614.

Owner of Land — NAME: Midwest Feeders, Inc.

ADDRESS: 05013 13 Road, Ingalls, KS 67853

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
19	24S	28W	X	X	X	X	X	X	X	X	X	X	X	X	X	X			Feedlot
24	24S	29W													X	X	X	X	Feedlot
25	24S	29W	X	X	X	X	X			X						X			Feedlot

List any other water rights that cover this place of use. File Nos. 4,887, 10,639, 10,999, 22,122, 32,786 and 32,787.

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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

6. The presently authorized point(s) of diversion (is) ~~(are)~~ one well, pump and appurtenances
(Provide description and number of points)

The proposed point(s) of diversion ~~(is)~~ (are) two wells, pumps and appurtenances (existing well & additional well)
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the NE Quarter of the NW Quarter of the SE Quarter
 of Section 25, Township 24 South, Range 29W (E/W),
 in Gray County, Kansas, 2197 feet North 1898 feet West of Southeast corner of section.
 Authorized Rate 440 gpm Authorized Quantity 279 acre-feet
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the NE Quarter of the NW Quarter of the SE Quarter
 of Section 25, Township 24 South, Range 29W (E/W),
 in Gray County, Kansas, 2197 feet North 1898 feet West of Southeast corner of section.
 Proposed Rate 200 gpm Proposed Quantity 224.1 acre-feet
 This point is: Additional Well Geo Center List other water rights that will use this point _____

9. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter
 of Section _____, Township _____ South, Range _____ (E/W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the NW Quarter of the SW Quarter of the NE Quarter
 of Section 25, Township 24 South, Range 29W (E/W),
 in Gray County, Kansas, 3440 feet North 2525 feet West of Southeast corner of section.
 Proposed Rate 52 gpm Proposed Quantity 41.4 acre-feet
 This point is: Additional Well Geo Center List other water rights that will use this point 10,639 & 22,122

10. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter
 of Section _____, Township _____ South, Range _____ (E/W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter
 of Section _____, Township _____ South, Range _____ (E/W),
 in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. Not applicable.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

JUL 23 2018

12. The presently authorized use of water is for irrigation purposes.
It is proposed that the use be changed to irrigation and stockwatering purposes.

13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
Partial change in use made of water from irrigation to irrigation and stockwatering complies with the provisions of
K.A.R. 5-5-9 and 5-5-10. Justification for irrigated acres is based on proportional reduction when considering all
irrigation water rights that use a common or overlapping place of use. Please refer to the enclosed calculations and
related documentation for more detailed information.

(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to 265.5 acre-feet (acre-feet or million gallons).

15. It is requested that the maximum rate of diversion of water be reduced to 252 gallons per minute (.562 c.f.s.).

16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.

- a. If a change in the location of the point(s) of diversion is proposed, show:
 - 1) The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
 - 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within 1/2 mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please indicate so on the map.
 - 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.

17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.

Please refer to the enclosed maps and supporting documentation. Also refer to the modeling work completed by DWR staff that pertains to the Water Conservation Area Plan proposed for all water rights owned by Midwest
Feeders, Inc.

18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

Existing spacing between the wells associated with File Nos. 22,121, 10,639, 22,122 and 32,787 does not comply with
the current requirements of K.A.R. 5-23-3. No change is spacing is proposed. All affected wells are owned by the
applicant and any impacts will be limited to the applicant. A waiver of K.A.R. 5-23-3 is requested if needed.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

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Any use of water that is not as authorized by the water right or permit to authorize water **before** the chief engineer approves this application is a violation of the Kansas Water Appropriation Act for which criminal or civil penalties may be assessed. Such violation is a class C misdemeanor, punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. K.S.A. 82a-728(b). Civil penalties shall be not less than \$100 nor more than \$1,000 per violation. In the case of a continuing violation, each day such violation continues may be deemed a separate violation. In addition to these penalties the water right may be modified or suspended. K.S.A. 82a-737, as amended.

The application must be signed by all owners of the place of use authorized under the water right and his or her spouse, if married. Please indicate if there is no spouse. If land is being purchased under contract, the seller must sign as landowner until such time as the contract is completed.

In the event that all applicants cannot appear before one notary public, they may as necessary sign separate copies of the application before any notary public conveniently available to them. All copies signed in this manner shall be considered to be valid parts of the application.

If the request is signed on behalf of any Owner by someone with legal authority to do so (for example, an agent, one who has power of attorney, or an executor, executrix, conservator), it will be necessary to attach proper documents showing such authority.

I declare that I am an owner of the currently authorized place of use as identified herein, or that I represent all such owners and am authorized to make this application on their behalf, and declare further that the statements contained herein are true, correct, and complete. By filing this application I authorize the chief engineer to permanently reduce the quantity of water and/or rate of diversion as specified in sections 14 and 15 of this application.

Dated at Ingalls, Kansas, this 19 day of July, 2018.

Richard Fedorin
(Owner)

(Spouse)

Jeffrey H. Steinkemper
(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

State of Kansas }
County of Gray } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 19 day of July, 2018.



Angela L. Hale
Notary Public

My Commission Expires 2/25/2021

FEE SCHEDULE

Each application to change the place of use, the point of diversion or the use made of the water under this section shall be accompanied by the application fee set forth in the schedule below:

- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200
- (4) Application to change the use made of the water \$300

Make check payable to **Kansas Department of Agriculture.**

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PROJECT: **MIDWEST FEEDERS, INC.**

LOCATION: SECTION 25 T24S R29W, GRAY COUNTY, KANSAS

BY: FCM
DATE: 6/26/2018

CHECKED BY: CAM
DATE: 7/3/2018

**CONSUMPTIVE USE CALCULATION PERTAINING TO FILE NO. 22,121
FOR PARTIAL CHANGE OF USE FROM IRRIGATION TO STOCKWATER**

File No. 22,121: Authorized Quantity = 279 AF AF = acre-feet
Authorized Rate = 440 GPM GPM = gallons per minute

Proposed change in use made of water: - Convert 112.0 AF to stockwatering use
- Move 41.4 AF to an additional well for irrigation use
- Retain remaining quantity for irrigation use
at current point of diversion

Apply consumptive use factor from "Consumptive Use Percentages in Kansas, by County" as
contained in K.A.R. 5-5-9(a)(1):

→ For Gray County, the factor = 89.3%

$$\begin{aligned} \rightarrow \text{Consumptive Use} &= (279 \text{ AF}) \times (89.3\%) \\ &= (279 \text{ AF}) \times (0.893) = 249.1 \text{ AF} \end{aligned}$$

$$\begin{aligned} \text{Proportion of partial use based on proposed change} &= (\text{Stockwater Use}) / (\text{Consumptive Use}) \\ &= \frac{112.0 \text{ AF}}{249.1 \text{ AF}} = 45\% \end{aligned}$$

$$\begin{aligned} \rightarrow \text{Proportion remaining for irrigation} &= 100\% - 45\% = 55\% \\ \rightarrow \text{Remaining quantity for irrigation} &= (55\%) \times (279 \text{ AF}) = \mathbf{153.5 \text{ AF}} \end{aligned}$$

Check reasonable use for stockwatering quantity (K.A.R. 5-3-22):

Planned facility capacity = 74,000 head of beef cattle (average annual capacity)

$$\begin{aligned} \rightarrow \text{Maximum Reasonable Use} &= (74,000 \text{ head}) \times (15 \text{ gallons/head/day}) \times (365 \text{ days/year}) = 405.15 \text{ MGY} \\ &= 1243.4 \text{ AF} \end{aligned}$$

Facility Stockwater Summary:

File No. (P/D ID)	Quantity (AF)
4,887 (5)	5.0
22,122 (5)	25.0
10,639 (3)	135.0
32,786 (3)	38.0
10,639 (7)	95.0
32,787 (7)	38.0
10,999 (3 & 8)	174.1
22,122 (2)	124.0
22,121 (3)	112.0
Total	746.1

Stockwater portion

Stockwater portion

Stockwater portion

Stockwater portion

Proposed additional stockwater

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→ Requested stockwatering quantity is reasonable (746.10 AF < 1243.4 AF maximum)

Distribution of rate and quantity by point of diversion:

→ Rate is based on the current actual rate of withdrawal determined from a flow test performed by DWR staff from the Garden City Field Office. The current rate, as transmitted in an e-mail from Mike Meyer, Water Commissioner, is 252 gpm.

Proposed distribution based on maximum rate of 252 gpm, 112.0 AF for stockwatering use and 153.5 AF remaining for irrigation:

1. Assign 112.0 AF for stockwatering use and 112.1 AF for irrigation use at a rate of 200 gpm to the current point of diversion associated with File No. 22,121 - the well located 2197 feet North and 1898 feet West of the southeast corner of Section 25 T24S R29W.

Check proposed rate of 200 gpm for capacity to supply 112.0 AF of stockwatering use and 112.1 AF for irrigation use:

→ Quantity supplied = (200 gpm) x (60 min/hr) x (24 hr/day) x (365 days/yr) x (1 AF/325,851 gal)
 = 322.6 AF → 200 gpm rate is sufficient to supply the requested quantity

2. Assign 41.4 AF for irrigation use at a rate of 52 gpm to the point of diversion associated with File Nos. 10,639 (2) and 22,122 (2). This would be an additional well located 3440 feet North and 2525 feet West of the southeast corner of Section 25 T24S R29W. Assume 180-day average annual irrigation operation.

→ Quantity supplied = (52 gpm) x (60 min/hr) x (24 hr/day) x (180 days/yr) x (1 AF/325,851 gal)
 = 41.4 AF → 52 gpm rate is sufficient to supply the requested quantity

Summary:

POINT OF DIVERSION	RATE (GPM)	QUANTITY	
		IRR (AF)	STK (AF)
Current point of diversion	200	112.1	112.0
Proposed additional well	52	41.4	0.0
Totals	252	153.5	112.0

Justification to retain proposed irrigated acres:

Midwest Feeders, Inc. owns four water rights authorized for irrigation use. These water rights share a common place of use. That is, these water rights are completely overlapped. The quantities and acres remaining for irrigation after approval of these proposed changes are summarized below.

FILE NO.	CURRENT QUANTITY	PROPOSED QUANTITY	
10,369 / 22,122	211.6 AF	211.6 AF	WATER RESOURCES RECEIVED
29,614	109.0 AF	109.0 AF	
22,121	<u>279.0 AF</u>	<u>153.5 AF*</u>	
	599.6 AF	474.1 AF	JUL 23 2018

*Includes quantity for proposed additional well at location of File Nos. 10,639 and 22,122

Place of Use:

CURRENT
209.0 ac. in Section 19 T24S R28W
310.5 ac. in Section 25 T24S R29W
<u>519.5 ac.</u>

PROPOSED
89.0 ac. in Section 19 T24S R28W*
310.5 ac. in Section 25 T24S R29W
<u>399.5 ac.</u>

* reduced due to feedyard expansion in Sec. 19

Calculate current and proposed use in terms of AF/acre:

$$\text{Current} = \frac{599.6 \text{ AF}}{519.5 \text{ ac.}} = 1.15 \text{ AF/ac.}$$

$$\text{Proposed} = \frac{474.1 \text{ AF}}{399.5 \text{ ac.}} = 1.19 \text{ AF/ac.}$$

→ Change results in proportional reduction of acres as indicated in K.A.R. 5-5-10(b)

Supplemental Information: Alternate procedure to justify retention of proposed irrigated acres

K.A.R. 5-5-10 refers to the procedures specified in K.A.R. 5-5-11(b)(2)(B)(ii) to determine the irrigated acres that may be retained. The following calculation is based on the total quantity proposed for irrigation use that results from this change application:

$$\begin{aligned} \text{K.A.R. 5-5-11(b)(2)(B)(ii): Acres} &= (\text{Authorized Quantity}) \times (0.85) / (80\% \text{ Chance NIR}^*) \\ &= (474.1 \text{ AF}) \times (0.85) / (1.34 \text{ ft.}) \\ &= 300.7 \text{ acres} \end{aligned}$$

* From K.A.R. 5-5-12 as listed for Gray County

Midwest Feeders, Inc. must comply with KDHE regulations pertaining to confined animal feeding operations (CAFOs). The regulations include implementation of an approved Nutrient Management Plan (NMP). The NMP prescribes the requirements for agronomic application of facility wastewater through irrigation systems owned by the facility. This includes the center pivot sprinklers that irrigate the place of use associated with all irrigation water rights owned by Midwest Feeders, Inc. The NMP also indicates the areas that must be available for wastewater application. These areas include the entire place of use associated with these water rights. It is therefore necessary to retain all of the acres associated with this place of use for NMP compliance, which relies on both groundwater and wastewater irrigation to manage nutrient levels in the fields where wastewater is applied.

The total quantity required to justify a place of use consisting of 399.5 acres is:

$$(399.5 \text{ acres}) \times (1.34 \text{ ft.}) / (0.85) = 630 \text{ AF}$$

Records indicate that Midwest Feeders, Inc. generates an average annual wastewater quantity of approximately 392 AF. Please refer to the attached documentation for a summary of this information. Adding the wastewater quantity to the total quantity proposed for irrigation gives:

$$\begin{array}{r} 474.1 \text{ AF} \text{ (proposed authorized quantity)} \\ 392.0 \text{ AF} \text{ (average annual wastewater quantity)} \\ \hline 866.1 \text{ AF} \end{array}$$

→ Therefore, there is more than sufficient quantity to justify approval of 399.5 irrigated acres for the overall place of use.

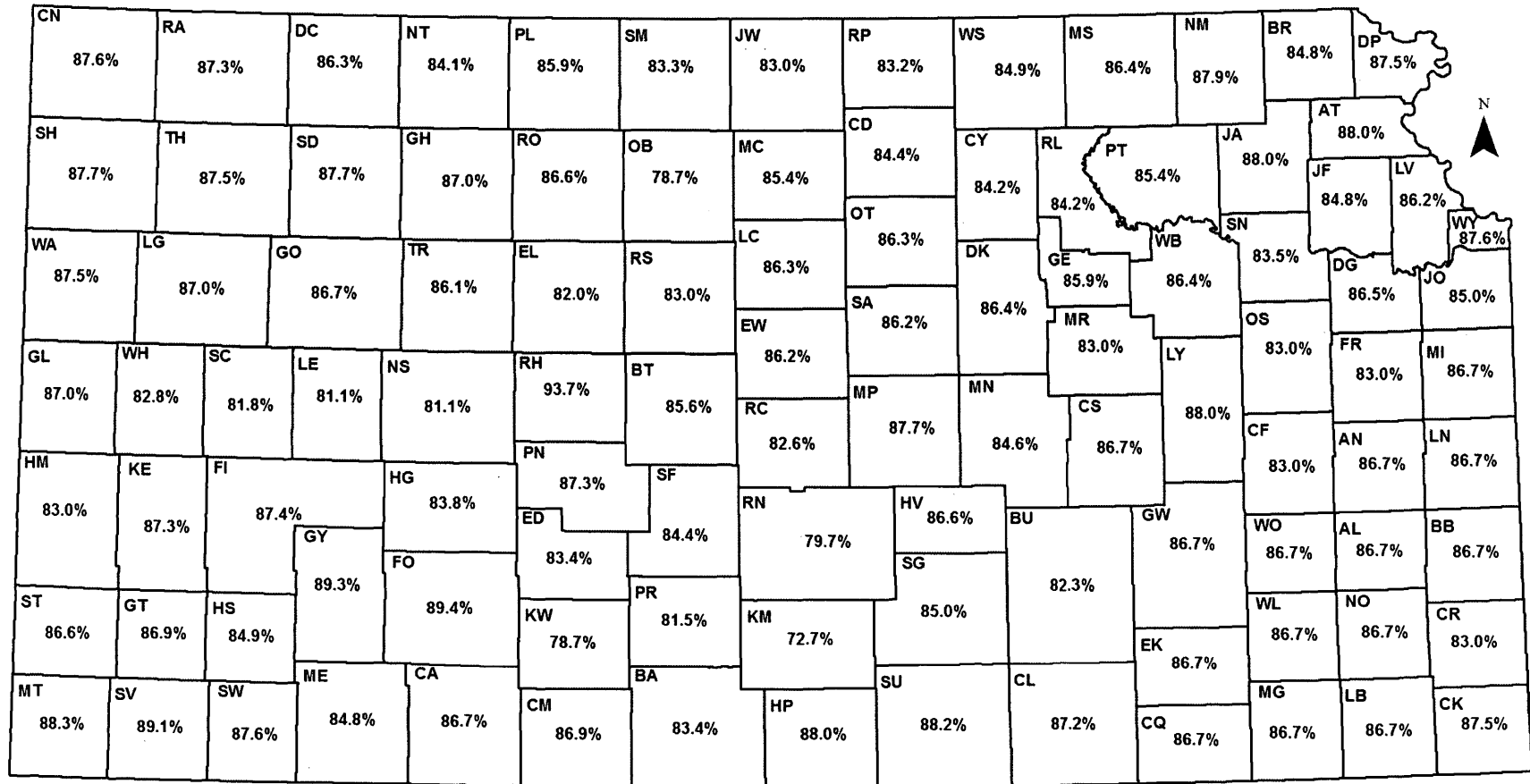
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Consumptive Use Percentages in Kansas, by County

based on area-weighted average irrigation return flow



Example: A 150 acre-foot irrigation water right is purchased in Gove (GO) County for use in a dairy operation.
 Applying the consumptive use factor from the map (86.7%), the amount of water that the dairy could convert to stockwater use with this water right is:
 $150 \times 86.7\% = 150 \times 0.867 = 130 \text{ acre-feet}$

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Kansas Department of Agriculture
 Division of Water Resources
 August 3, 2017

KLA ENVIRONMENTAL SERVICES, INC.

PROJECT: MIDWEST FEEDERS, INC.

LOCATION: GRAY COUNTY, KANSAS

BY: FCM
DATE: 1/19/2018

CHECKED BY: CSG
DATE: 2/26/2018

SUMMARY OF WASTEWATER (EFFLUENT) APPLIED TO MIDWEST FEEDERS, INC. PLACE OF USE AND EXPORTED TO NEIGHBORS FOR IRRIGATION PURPOSES

Midwest Feeders, Inc. generates wastewater from water tank overflows. The facility is also required to contain all stormwater runoff generated within the facility. This wastewater is ultimately used for irrigation purposes. A portion of the wastewater supplements groundwater used for irrigated crop production and is applied on the same place of use as the groundwater authorized by the facility's irrigation water rights. The remainder of the wastewater is exported to neighbors for use as supplemental irrigation water. Wastewater irrigation provides an additional source of recharge to the local aquifer utilized by Midwest Feeders, Inc.

Midwest Feeders, Inc. is required to keep a record of all wastewater application according to the terms and conditions of their KDHE and EPA water pollution control permit. The wastewater application (i.e. irrigation) quantities summarized in the following table were obtained from the LAND APPLICATION SUMMARY and EXPORTED WASTE REPORT included in the facility's annual reports to KDHE.

YEAR	WASTEWATER (EFFLUENT) APPLICATION		WASTEWATER (EFFLUENT) EXPORTED TO NEIGHBORS	
	(GALLONS)	(ACRE-FEET)	(GALLONS)	(ACRE-FEET)
2012	30,519,216	93.66	58,542,544	179.66
2013	30,714,961	94.26	61,315,873	188.17
2014	36,298,161	111.39	115,994,456	355.97
2015	43,738,848	134.23	131,486,827	403.52
2016	48,433,009	148.64	108,663,691	333.48
2017	34,214,831	105.00	65,973,250	202.46
AVERAGE	37,319,838	114.53	90,329,440	277.21

AVERAGE ANNUAL WASTEWATER APPLICATION QUANTITY = 114.53 AF

AVERAGE ANNUAL WASTEWATER EXPORT QUANTITY = 277.21 AF

TOTAL WASTEWATER QUANTITY APPLIED OVER LOCAL AQUIFER = 391.74 AF

Table KS6-1, Typical Efficiency for Irrigation Systems, in the NRCS National Engineering Handbook, Part 652, Irrigation Guide, indicates a system efficiency of 87% for center pivot sprinkler systems with nozzles near the ground. This is the type of irrigation system typically used by Midwest Feeders, Inc. and neighboring producers. This implies a potential recharge factor of 13% (100% - 87%).

→ The average annual potential recharge from wastewater (effluent) irrigation = 13% of the average annual application =

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50.93 acre-feet

JUL 23 2018



Frank Mercurio <frankc.mercurio@gmail.com>

midwest test

Meyer, Mike [KDA] <Mike.Meyer@ks.gov>

Wed, Jun 13, 2018 at 7:30 AM

To: "frank Mercurio - (frankc.mercurio@gmail.com)" <frankc.mercurio@gmail.com>

Good morning

It appears we can accept a maximum flow rate of 252 GPM for the irrigation well under File No. 22121.

Just an FYI, if we proceed with an additional well application, we may require another flow test later in the summer to get a full spectrum of the aquifer throughout the irrigation season.

Let me know how I can help

Mike

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PROJECT: **MIDWEST FEEDERS, INC. - FILE NO. 22,121 CHANGE APPLICATION**

LOCATION: SECTION 25 T24S R29W, GRAY COUNTY, KANSAS

BY: FCM
DATE: 6/28/2018

CHECKED BY: CAM
DATE: 7/3/2018

DISTANCE BETWEEN POINTS OF DIVERSION CALCULATED FROM COORDINATES

NOTE: DWR P/D ID = POINT OF DIVERSION IDENTIFICATION; AF = ACRE-FEET

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
22,121	3	25-24S-29W	2,197 FT	1,898 FT
10,639/22,122	2	25-24S-29W	3,440 FT	2,525 FT
DIFFERENCE =			-1,243 FT	-627 FT

$$\begin{aligned} \rightarrow \text{DISTANCE BETWEEN POINTS OF DIVERSION} &= [(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2} \\ &= \mathbf{1,392 \text{ FT}} \end{aligned}$$

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
22,121	3	25-24S-29W	2,197 FT	1,898 FT
10,639/32,787	7	25-24S-29W	3,667 FT	1,248 FT
DIFFERENCE =			-1,470 FT	650 FT

$$\begin{aligned} \rightarrow \text{DISTANCE BETWEEN POINTS OF DIVERSION} &= [(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2} \\ &= \mathbf{1,607 \text{ FT}} \end{aligned}$$

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
22,121	3	25-24S-29W	2,197 FT	1,898 FT
29,614	9	25-24S-29W	170 FT	4,030 FT
DIFFERENCE =			2,027 FT	-2,132 FT

$$\begin{aligned} \rightarrow \text{DISTANCE BETWEEN POINTS OF DIVERSION} &= [(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2} \\ &= \mathbf{2,942 \text{ FT}} \end{aligned}$$

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WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
10,639/22,122	2	25-24S-29W	3,440 FT	2,525 FT
10,639/32,787	7	25-24S-29W	3,667 FT	1,248 FT
DIFFERENCE =			-227 FT	1,277 FT

→ DISTANCE BETWEEN POINTS OF DIVERSION = $[(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2}$
 = **1,297 FT**

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
22,121	3	25-24S-29W	2,197 FT	1,898 FT
12,632	1	30-24S-28W	N/A*	N/A*
DIFFERENCE =				

→ DISTANCE BETWEEN POINTS OF DIVERSION = $[(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2}$

* NOT APPLICABLE - NO NUMERIC QUALIFIERS LISTED IN WIMAS (NW SW SW)

→ MEASUREMENT BETWEEN WELLS FROM GOOGLE EARTH = **2,265 FT**

SPACING EVALUATION BASED ON MINIMUM WELL SPACING REQUIRMENTS IN K.A.R. 5-23-3:

WATER RIGHT FILE NO.	DWR P/D ID	AUTHORIZED QUANTITY (AF)	MIN. WELL SPACING (FT)	APPARENT SPACING (FT)	WAIVER NEEDED?
22,121	3	224.1 P	1,600	1,392	YES
10,639/22,122	2	253.0 P			
22,121	3	224.1 P	1,600	1,607	NO
10,639/32,787	7	133.0 C			
22,121	3	224.1 P	1,600	2,942	NO
29,614	9	109.0 C			
10,639/22,122	2	253.0 P	1,600	1,297	YES
10,639/32,787	7	133.0 C			
22,121	3	224.1 P	1,900	2,265	NO
12,632	1	306.0 C			

NOTE: P = QUANTITY PROPOSED BY CHANGE APPLICATION
 C = CURRENT AUTHORIZED QUANTITY

FILE NO. 22,121: PROPOSED QUANTITY = 112.0 AF STK + 112.1 AF IRR = 224.1 AF
 FILE NOS. 10,639, 22,122 & 22,121 ADDITIONAL WELL: WATER RESOURCES RECEIVED
 PROPOSED QUANTITY = 159.6 AF IRR + 52.0 AF IRR = 41.4 AF IRR = 253.0 AF

JUL 23 2018

PROJECT: **MIDWEST FEEDERS, INC. - FILE NO. 22,121 CHANGE APPLICATION**

LOCATION: SECTIONS 24 & 25 T24S R29W, GRAY COUNTY, KANSAS

BY: FCM
DATE: 7/3/2018

CHECKED BY: CAM
DATE: 7/3/2018

**DISTANCE BETWEEN POINTS OF DIVERSION CALCULATED FROM COORDINATES
DISTANCES FROM PROPOSED FILE NO. 22,121 ADDITIONAL WELL
TO CLOSEST ADJOINING WELLS**

NOTE: DWR P/D ID = POINT OF DIVERSION IDENTIFICATION; AF = ACRE-FEET

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
22,121	3	25-24S-29W	2,197 FT	1,898 FT
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	25-24S-29W	3,440 FT	2,525 FT
DIFFERENCE =			-1,243 FT	-627 FT

→ DISTANCE BETWEEN POINTS OF DIVERSION = $[(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2}$
= **1,392 FT**

WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
10,639/32,786	3	24-24S-29W	102 FT	2,514 FT
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	25-24S-29W	3,440 FT	2,525 FT
DIFFERENCE* =			1,942 FT	-11 FT

→ DISTANCE BETWEEN POINTS OF DIVERSION = $[(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2}$
= **1,942 FT**

*NOTE: 5,280 FEET ADDED TO NORTH DISTANCE IN SECTION 24 TO ESTIMATE DISTANCE FROM SOUTHEAST CORNER OF SECTION 25. COORDINATES ARE FOR GEOCENTER OF WELLS ASSOCIATED WITH FILE NOS. 10,639 AND 32,786

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WATER RIGHT FILE NO.	DWR P/D ID	LEGAL DESCRIPTION (SEC-TWP-RGE)	DISTANCE FROM SE CORNER OF SECTION	
			NORTH	WEST
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	25-24S-29W	3,440 FT	2,525 FT
10,639/32,787	7	25-24S-29W	3,667 FT	1,248 FT
DIFFERENCE =			-227 FT	1,277 FT

→ DISTANCE BETWEEN POINTS OF DIVERSION = $[(\text{NORTH DIFF.})^2 + (\text{WEST DIFF.})^2]^{1/2}$
 = **1,297 FT**

SPACING EVALUATION BASED ON MINIMUM WELL SPACING REQUIRMENTS IN K.A.R. 5-23-3:

WATER RIGHT FILE NO.	DWR P/D ID	AUTHORIZED QUANTITY (AF)	MIN. WELL SPACING (FT)	APPARENT SPACING (FT)	WAIVER NEEDED?
22,121	3	224.1 P	1,600	1,392	YES
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	253.0 P			
10,639/32,786	3	173.0 C	1,600	1,942	NO
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	253.0 P			
10,639/22,122 & 22,121 PROPOSED ADD. WELL	2	253.0 P	1,600	1,297	YES
10,639/32,787	7	133.0 C			

NOTE: P = QUANTITY PROPOSED BY CHANGE APPLICATION
 C = CURRENT AUTHORIZED QUANTITY

FILE NO. 22,121: PROPOSED QUANTITY = 112.0 AF STK + 112.1 AF IRR = 224.1 AF
 FILE NOS. 10,639, 22,122 & 22,121 ADDITIONAL WELL:
 PROPOSED QUANTITY = 159.6 AF IRR + 52.0 AF IRR = 41.4 AF IRR = 253.0 AF

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Owner Information	Property Address	Property Description	Apr Amount	Prop Class
<u>035-037-25-0-00-00-001.01-0</u> Quick Ref ID = 430 Tax Year = 2018 MIDWEST FEEDERS INC Owner Mailing Address: 5013 13 RD INGALLS, KS 67853-9023	00000 CO RD, Ingalls, KS 67853 ACRES=160.6 Neighborhood=011.4	S25, T24, R29W, ACRES 160.6, SW1/4	\$50,870	Agricultural Use
<u>035-037-25-0-00-00-001.02-0</u> Quick Ref ID = 431 Tax Year = 2018 MIDWEST FEEDERS INC Owner Mailing Address: 5013 13 RD INGALLS, KS 67853-9023	00000 CO RD, Ingalls, KS 67853 ACRES=160.2 Neighborhood=011.1	S25, T24, R29W, ACRES 160.2, SE1/4, LESS RD R/W ON E SIDE	\$52,460	Agricultural Use
<u>035-037-25-0-00-00-002.00-0</u> Quick Ref ID = 432 Tax Year = 2018 MIDWEST FEEDERS INC Owner Mailing Address: 5013 13 RD INGALLS, KS 67853-9023	05013 13 RD, Ingalls, KS 67853 ACRES=154.1 Neighborhood=535	S25, T24, R29W, ACRES 154.1, NE 1/4 LESS RD R/W E SIDE	\$136,120 R \$10,190 A \$695,290 C	Commercial & Industrial
<u>035-037-25-0-00-00-003.00-0</u> Quick Ref ID = 433 Tax Year = 2018 MIDWEST FEEDERS INC Owner Mailing Address: 5013 13 RD INGALLS, KS 67853-9023	00000 CO RD, Ingalls, KS 67853 ACRES=160.5 Neighborhood=011.4	S25, T24, R29W, ACRES 160.5, NW1/4	\$19,880 A \$12,620 C	Agricultural Use

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Owner Information	Property Address	Property Description	Apr Amount	Prop Class
<p><u>035-029-30-0-00-00-001.00-0</u> Quick Ref ID = 301 Tax Year = 2018 PENNER FAMILY LIVING TRUST ETAL</p> <p>Owner Mailing Address: C/O PENNER, RONALD & FRANCES 4321 FAIRWAY DR SOQUEL, CA 95073-3006</p>	<p>00000 CO RD, Ingalls, KS 67853 ACRES=150.6 Neighborhood=009.4</p>	<p>S30, T24, R28W, ACRES 150.6, NE1/4, LESS BEG 260'(S) W & 260'(S) N SE COR NE1/4, TH W 280.5', N 425', E 280.5', S 425' TO POB & LESS RD R/W</p>	\$3,490	Agricultural Use
<p><u>035-029-30-0-00-00-002.00-0</u> Quick Ref ID = 302 Tax Year = 2018 MAXWELL, AARON L & AUDREY E</p> <p>Owner Mailing Address: 5405 14 RD INGALLS, KS 67853-9025</p>	<p>5405 14 RD, Ingalls, KS 67853 ACRES=2.9 Neighborhood=009.4</p>	<p>S30, T24, R28W, ACRES 2.9, BEG 363'(S) W & 297'(S) N OF SE COR NE1/4, TH W 280.5', N 412.5', E 280.5', S 412.5' TO POB</p>	\$20 A \$138,100 F	Farm Homesite
<p><u>035-029-30-0-00-00-003.00-0</u> Quick Ref ID = 303 Tax Year = 2018 PENNER FARMS INC</p> <p>Owner Mailing Address: C/O PENNER, ROBERT 13104 F RD INGALLS, KS 67853-9019</p>	<p>00000 CO RD, Ingalls, KS 67853 ACRES=147.8 Neighborhood=009.1</p>	<p>S30, T24, R28W, ACRES 147.8, NW1/4, LESS RD R/W ON N & W SIDES</p>	\$22,810	Agricultural Use
<p><u>035-029-30-0-00-00-004.00-0</u> Quick Ref ID = 304 Tax Year = 2018 PENNER FARMS INC</p> <p>Owner Mailing Address: C/O PENNER, ROBERT 13104 F RD INGALLS, KS 67853-9019</p>	<p>00000 CO RD, Ingalls, KS 67853 ACRES=77.6 Neighborhood=009.1</p>	<p>S30, T24, R28W, ACRES 77.6, N1/2 SW1/4, LESS RD R/W ON W SIDE</p>	\$27,930	Agricultural Use
<p><u>035-029-30-0-00-00-004.01-0</u> Quick Ref ID = 305 Tax Year = 2018 PENNER FARMS INC</p> <p>Owner Mailing Address: C/O PENNER, ROBERT 13104 F RD INGALLS, KS 67853-9019</p>	<p>00000 CO RD, Ingalls, KS 67853 ACRES=71.8 Neighborhood=009.1</p>	<p>S30, T24, R28W, ACRES 71.8, S1/2 SW1/4, LESS BEG 712' E & 20' N OF SW COR, TH N 310'(S), E 415', S 310'(S), W 415' TO POB, LESS RD R/W ON W & S SIDE</p>	\$19,870	Agricultural Use
<p><u>035-029-30-0-00-00-005.00-0</u> Quick Ref ID = 306 Tax Year = 2018 PENNER, ROBERT &</p>	<p>13104 F RD, Ingalls, KS 67853 ACRES=2.9 Neighborhood=009.4</p>	<p>S30, T24, R28W, ACRES 2.9, BEG SW COR SW/4, TH E 712' & 20' N TO POB, TH E</p>	\$74,320	Residential

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ELIZABETH Owner Mailing Address: 13104 F RD INGALLS, KS 67853-9019		415', N 310', W 415', S 310', TO POB		
035-029-30-0-00-00- 006.00-0 Quick Ref ID = 307 Tax Year = 2018 HUNSBERGER, TERRY TRUST Owner Mailing Address: 1401 E HACKBERRY ST GARDEN CITY, KS 67846-5935	00000 CO RD, Ingalls, KS 67853 ACRES=157.7 Neighborhood=009.4	S30, T24, R28W, ACRES 157.7, SE1/4, LESS RD R/W ON S & E SIDES	\$59,020	Agricultural Use

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**Rural
Resources
Consulting, LLC**

July 19, 2018

David Barfield, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, KS 66502

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Subject: Change Application Pertaining to Water Right File No. 22,121, Gray County

Dear Mr. Barfield:

A change application pertaining to Water Right File No. 22,121 and associated documentation is enclosed for your review and approval. This application is submitted on behalf of Midwest Feeders, Inc., the water right owner. Rural Resources Consulting, LLC assisted with the preparation of this application.

Midwest Feeders, Inc. is a beef cattle feeding facility that is subject to the terms and conditions of a permit administered by the Kansas Department of Health and Environment (KDHE). Midwest Feeders, Inc. is in the process of expanding the facility to a total capacity of 74,000 head of beef cattle. An additional source of water supply is needed to support the planned capacity. This change application provides the means to supply the required quantity. It is also a component of a Water Conservation Area (WCA) Plan that encompasses the entire cattle feeding facility and the irrigated land that is owned by Midwest Feeders, Inc. All the irrigated land included in the WCA Plan is also included in the Nutrient Management Plan that is a component of the KDHE permit for this facility.

The total stockwatering quantity required for the facility is based on a conservation use level of 9 gallons per head per day. The current average use rate is slightly less than this level and the WCA Plan proposes to continue a use rate of 9 gallons per head per day after the expansion to 74,000-head capacity is completed. Midwest Feeders, Inc. will install a water tank overflow recycling system in the expansion area in Section 19 T24S R28W. They will evaluate the performance and efficiency of this system to determine if it will be extended to the rest of the facility. This technology has the potential to reduce water consumption below the levels targeted in the WCA Plan.

This application proposes a partial change in use from irrigation to stockwatering. The current quantity authorized for irrigation of 279 acre-feet (AF) would be reduced to 153.5 AF for irrigation and 112.0 AF for stockwatering use. These quantities were determined using the procedures contained in K.A.R. 5-5-9 and 5-5-10. It is also proposed that 112.1 AF of the remaining irrigation quantity be retained at the current point of diversion associated with File No. 22,121 while 41.4 AF be transferred to the point of diversion associated with File Nos. 10,639 and 22,122. The point of diversion associated with File Nos. 10,639 and 22,122 is authorized for irrigation use only. This change in point of diversion represents an additional well and complies with the provisions of K.A.R. 5-5-16.

Division of Water Resources staff from the Garden City Field Office measured the current rate of the well associated with File No. 22,121. In an e-mail dated June 13, 2018, Water Commissioner Mike Meyer indicated that the current flow rate of the well was 252 gallons per minute (gpm). This application proposes to assign 200 gpm to the point of diversion currently associated with File No. 22,121 and 52 gpm to the proposed additional well. These rates are reasonable and can produce the proposed quantities within feasible time periods.

The proposed additional well allows Midwest Feeders, Inc. to move a portion of the remaining irrigation quantity to a well that is better equipped to serve the place of use, which is identical to the wastewater (effluent) application areas indicated in the Nutrient Management Plan. A sufficient level of groundwater irrigation is needed to supplement the wastewater application to maintain crop yields and manage nutrient levels in the fields, as required by KDHE regulations. The irrigation quantity retained at the current point of diversion provides some irrigation flexibility and can temporarily serve as an emergency supply for stockwatering use, if needed.

The feedyard expansion project will displace a portion of the current place of use for irrigation. This reduction in acreage is proportional to the reduction in irrigation quantity that results from the proposed change in use made of water. Therefore, the remainder of the place of use can be retained for irrigation. This result is very beneficial because it allows Midwest Feeders, Inc. to maintain a Nutrient Management Plan that complies with KDHE requirements.

Please refer to the enclosed calculations and supporting documentation for more detailed information relating to these proposals.

Well spacing requirements as indicated in K.A.R. 5-23-3 were also considered. It appears that minimum spacing requirements are exceeded with respect to all non-owned neighboring wells. The well associated with File No. 22,121 is approximately 2,265 feet from the closest non-owned well, File No. 12,632. This application proposes to reduce the quantity that would be pumped in the vicinity of this non-owned well, making impairment even less likely.

All other wells within ½ mile of the well associated with File No. 22,121 and the proposed additional well are owned by Midwest Feeders, Inc. Some of these existing approved wells do not comply with the spacing requirements currently listed in K.A.R. 5-23-3. As was previously indicated, there is no proposal to physically move a point of diversion; just redistribute quantity to provide sufficient stockwatering quantity and support the requirements of the KDHE-required Nutrient Management Plan. A waiver of spacing regulations pertaining to File Nos. 22,121, 10,639, 22,122 and 32,787 is requested if such a waiver is determined to be necessary for approval of this application. Justification is based on no change in existing well spacing and, since these wells are all owned by the applicant, any impacts will be limited to the applicant.

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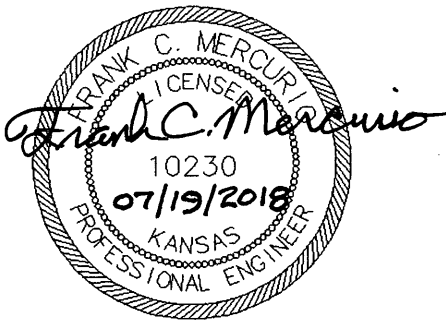
JUL 23 2018

There is one well within ½ mile of the wells that are the subject of this change application that is not owned by Midwest Feeders, Inc. Information provided by the Gray County Appraiser indicates that this well is owned by Penner Farms Inc. The contact information and mailing address for this entity is shown on the enclosed well location map. Please note that Midwest Feeders, Inc. owns all of Section 25 T24S R29W, including any domestic wells that are present in this area.

Construction of the feedyard expansion project will begin in July 2018 and should be concluded in late 2018 or early 2019. Approval of this application as soon as possible is very desirable since this will allow for concurrent review and approval of the proposed WCA Plan. Approval before the end of 2018 will also preclude the need for a term permit to provide a temporary source of water for the expanded facility.

Please contact me if you have any questions concerning this application. Thank you for your consideration of this matter.

Respectfully,



Frank C. Mercurio, P.E.

Enclosures

cc/enc: Jeff Sternberger, Midwest Feeders, Inc.

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KS DEPT OF AGRICULTURE

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

MIDWEST FEEDERS, INC
05013 13 ROAD
INGALLS, KS 67853

July 26, 2018

RE: File No 22121

Dear Sir or Madam:

An application for approval of the Chief Engineer to change the following condition or conditions of the file number referred to above has been received:

- place of use PD/PU/UMW
 point of diversion
 use made of water

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. You will be contacted regarding this application as soon as it has been examined.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water prior to approval of the application is unlawful. You should not proceed and divert water as indicated by your plans in your application for a change for this file until you receive approval for this change from the Chief Engineer. 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...

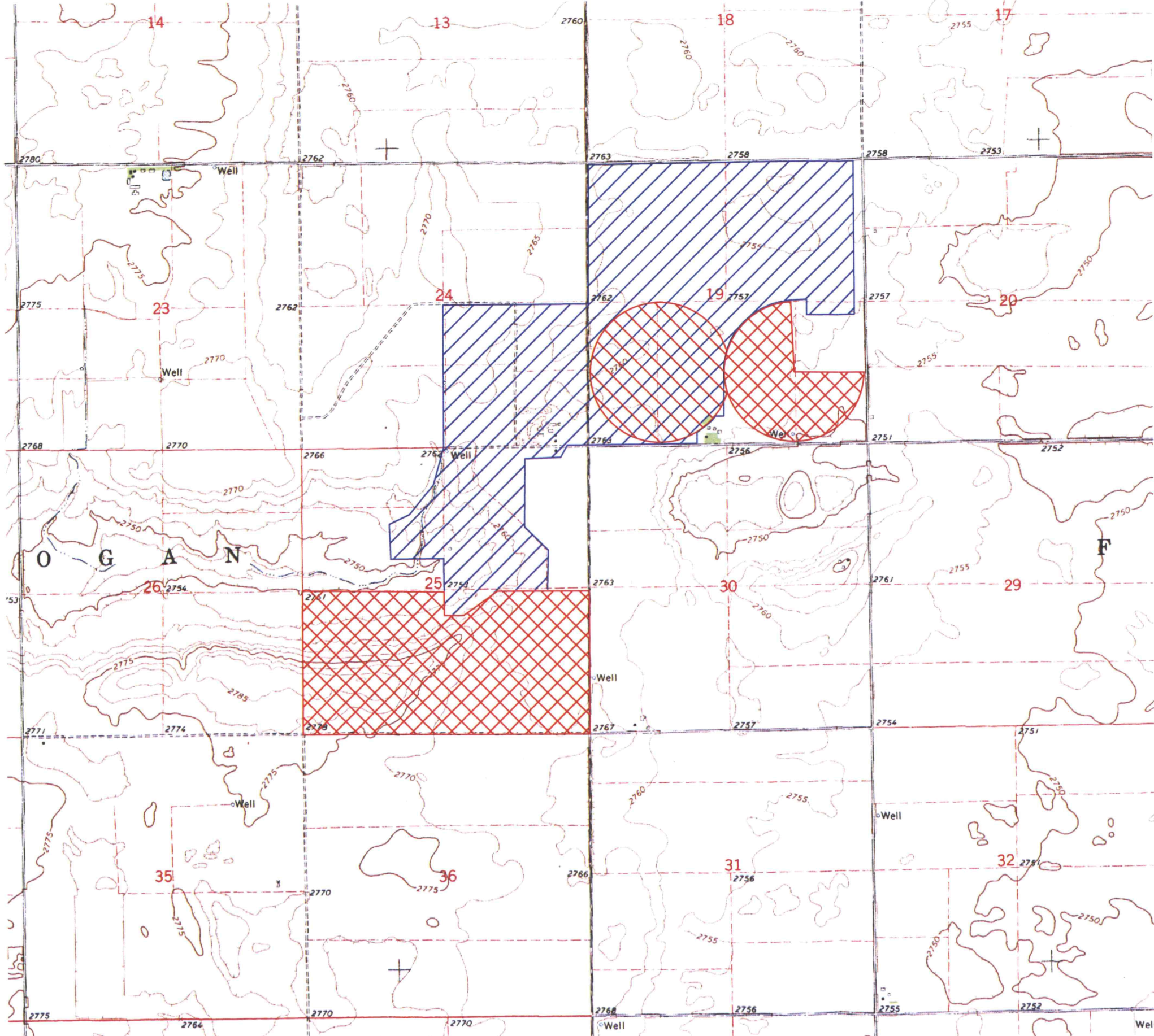
A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.




Sincerely,

Brent Tourney, L.G.
Change Applications Unit Supervisor
Water Appropriation Program

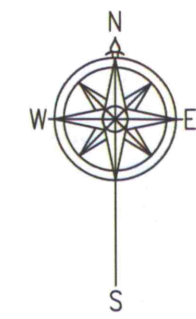
BAT: DLW
pc: GARDEN CITY Field Office GMD3



LEGEND

-  PROPOSED PLACE OF USE (STK)
-  PROPOSED PLACE OF USE (IRR)
-  CURRENT PLACE OF USE (IRR)

T24S



JUL 23 2018

DRAWN	DLB	DATE	7/
CHECKED		DATE	
APPROVED		DATE	

MIDWEST FEEDERS, INC.
 FILE NO. 22,121 CHANGE APPLICATION
 SECTION 25 T24S R29W
 GRAY COUNTY, KANSAS

1700 E. IRON
 SALINA, KANSAS 67401
 (785) 823-0097
 1303 YUCCA STREET
 SCOTT CITY, KANSAS 67871
 (820) 872-2300



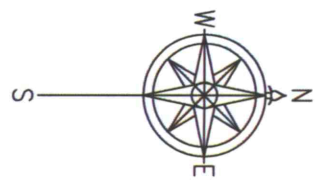
CAD FILE NAME:



LEGEND

-  PROPOSED PLACE OF USE (STK)
-  PROPOSED PLACE OF USE (IRR)
-  CURRENT PLACE OF USE (IRR)

T24S



JUL 23 2018

CAD FILE NAME:

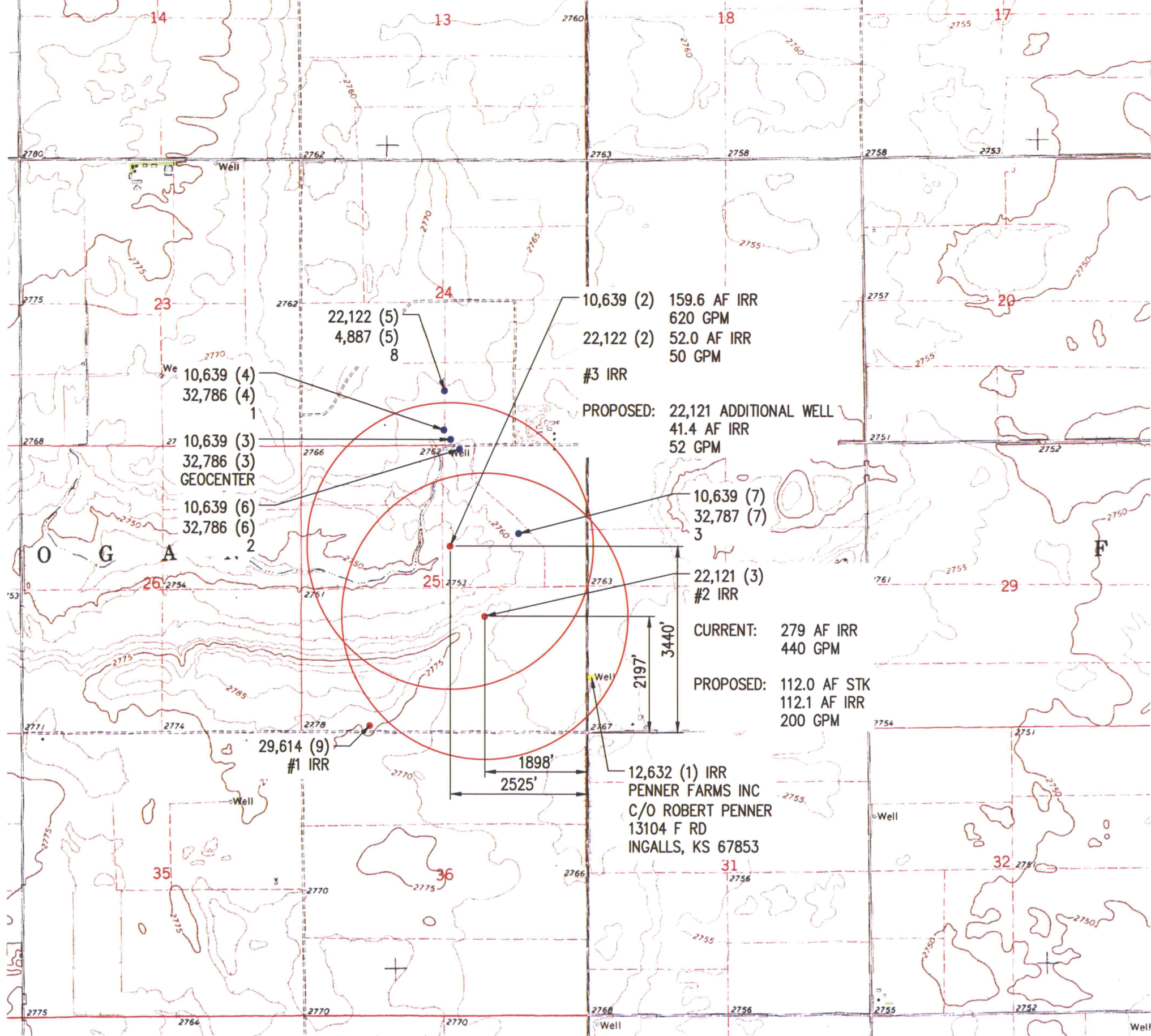


1700 E. IRON
SALINA, KANSAS 67401
(785) 823-0097

1303 YUCCA STREET
SCOTT CITY, KANSAS 67871
(620) 872-2300

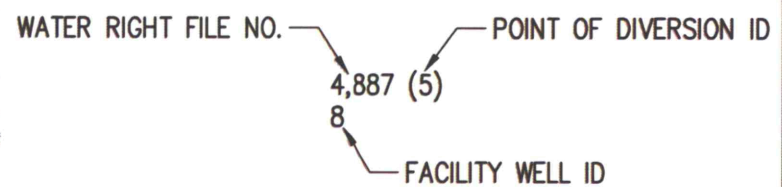
MIDWEST FEEDERS, INC.
FILE NO. 22,121 CHANGE APPLICATION
SECTION 25 T24S R29W
GRAY COUNTY, KANSAS

DRAWN DLB DATE 7/
CHECKED _____ DATE _____
APPROVED _____ DATE _____



LEGEND

- OWNED POINT OF DIVERSION (IRR)
- OWNED POINT OF DIVERSION (STK)
- NEIGHBORING POINT OF DIVERSION
- 1/2 MILE FROM WELL



T24S

NOTE: MIDWEST FEEDERS, INC. OWNS ALL OF SEC. 25 T24S R29W, INCLUDING ANY DOMESTIC WELLS



JUL 23 2018

DATE	7/
DRAWN	DLB
CHECKED	
APPROVED	

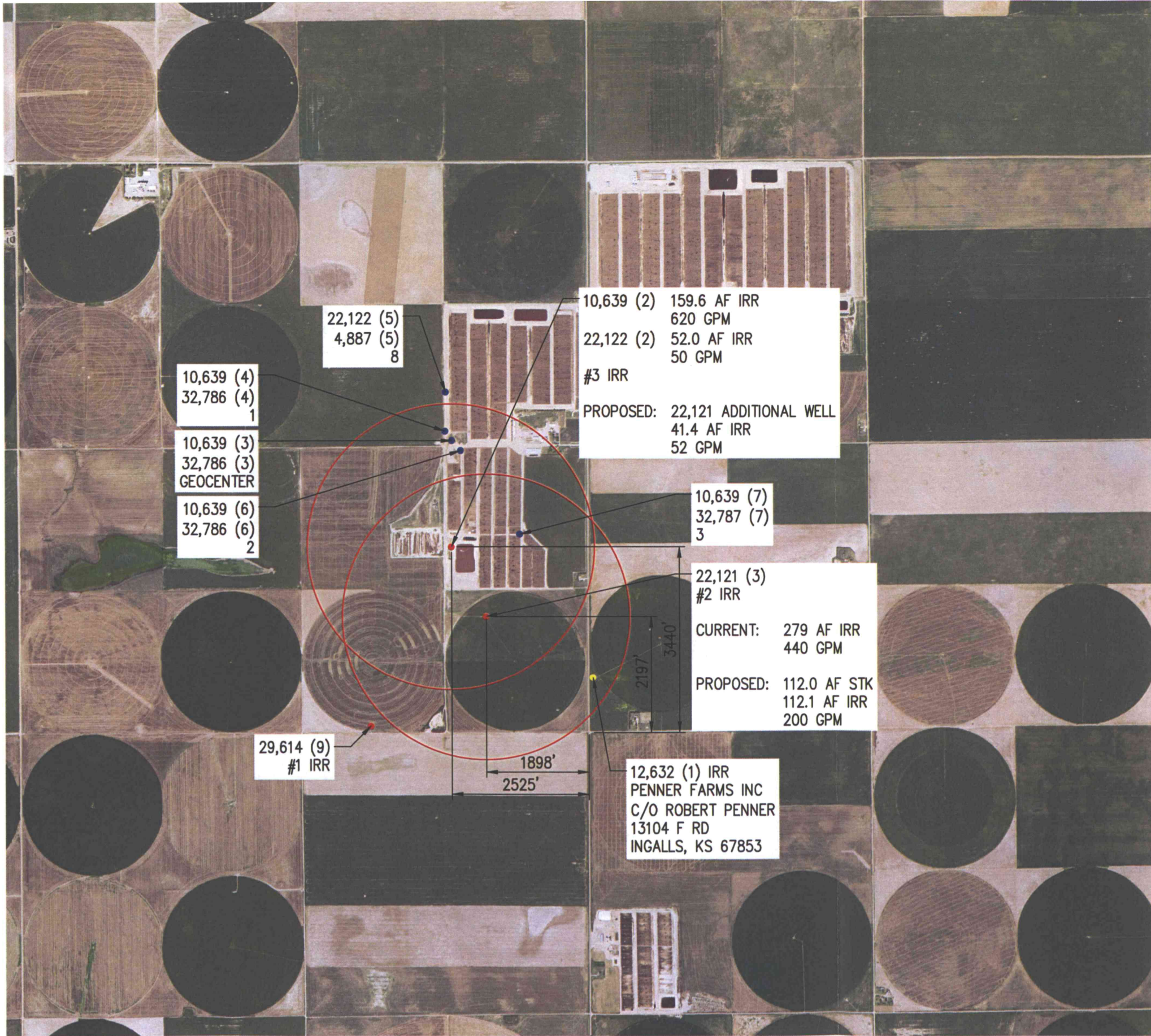
MIDWEST FEEDERS, INC.
 FILE NO. 22,121 CHANGE APPLICATION
 SECTION 25 T24S R29W
 GRAY COUNTY, KANSAS

1700 E. IRON
 SALINA, KANSAS 67401
 (785) 823-0097
 1303 YUCCA STREET
 SCOTT CITY, KANSAS 67871
 (620) 872-2300



CAD FILE NAME:

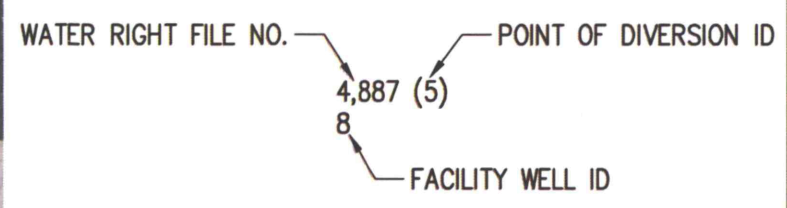
R29W R28W



R29W | R28W

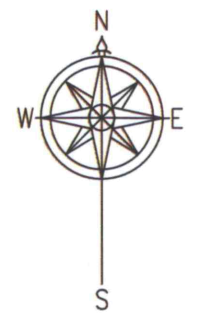
LEGEND

- OWNED POINT OF DIVERSION (IRR)
- OWNED POINT OF DIVERSION (STK)
- NEIGHBORING POINT OF DIVERSION
- 1/2 MILE FROM WELL



T24S

NOTE: MIDWEST FEEDERS, INC. OWNS ALL OF SEC. 25 T24S R29W, INCLUDING ANY DOMESTIC WELLS



JUL 23 2018

DRAWN	DLB	DATE	7/
CHECKED		DATE	
APPROVED		DATE	

MIDWEST FEEDERS, INC.
 FILE NO. 22,121 CHANGE APPLICATION
 SECTION 25 T24S R29W
 GRAY COUNTY, KANSAS

1700 E. IRON
 SALINA, KANSAS 67401
 (785) 823-0097
 1303 YUCCA STREET
 SCOTT CITY, KANSAS 67871
 (620) 872-2300



CAD FILE NAME: