

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

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

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File No. 23484

2. Name of applicant: Kent Lamb

Address: 1451 SW 70th Street

City, State and Zip: Macksville, KS. 67557

Phone Number: (620)546.5684 E-mail address: _____

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

Name of water use correspondent: Kent B Lamb

Address: Same as above.

City, State and Zip: _____

Phone Number: () _____ E-mail address: _____

3. The change(s) proposed herein are desired for the following reasons (please be specific): _____

This change will allow us to install a much more efficient and better irrigation system on better property.

This change is moving a well away from the Rattlesnake significantly and should positively impact streamflow.

This change should only be approved if the corresponding change for 22164 is approved.

The change(s) (will be) completed by As soon as approved.

(Date)

For Office Use Only:															
F.O. Code	<u>2</u>	GMD	<u>5</u>	Meets K.A.R. 5-5-1	(YES/NO)	Use	<u>IRR</u>	Source	<u>G/S</u>	County	<u>ED</u>	By	<u>KJN</u>	Date	<u>10/4/2021</u>
	<u>C-2</u>			Fee \$	<u>300</u>	TR #		Receipt Date	<u>10-4-21</u>	Check #	<u>2858</u>				

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4. The presently authorized place of use is:

Owner of Land — NAME: 1. Kent B and Connie L Lamb Trust

ADDRESS: 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1	26	16	71	96.2														167.2	
			Lot 1	Lot 2															

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

Owner of Land — NAME: 1. Kent B and Connie L Lamb Trust

2. Kent B Lamb Trust

ADDRESS: 1. 1451 SW 70th Rd.Macksville,Ks. 67557 2. 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1.31	25	15								30								60	
2.31	25	15									28.4	28.4						56.8	
											Lot 3	Lot 4							

List any other water rights that cover this place of use. 22164

(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: 1. Kent B and Connie L Lamb Trust

2. Kent B Lamb Trust

ADDRESS: 1. 1451 SW 70th Rd.Macksville,Ks. 67557 2. 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1.31	25	15		21.6	33.6		37.5	15.5	26.2	40	21.1					8.2		203.7	
2.31	25	15									5.3							5.3	
							Lot 1	Lot 2			Lot 3	Lot 4							

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

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. _____

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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

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6. The presently authorized point(s) of diversion is One well
(Provide description and number of points)
7. The proposed point(s) of diversion is one well, pump and power unit
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the NW Quarter of the SW Quarter of the NE Quarter of Section 1, Township 26 South, Range 16 (W), in Edwards County, Kansas, 3750 feet North 2575 feet West of Southeast corner of section. Authorized Rate 2000 GPM Authorized Quantity 303 AF
(DWR use only: Computer ID No. 1 GPS 3614 feet North 2547 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 SE Quarter of the NW Quarter of Section 31, Township 25 South, Range 15 (W), in Stafford County, Kansas, 3609 feet North 3170 feet West of Southeast corner of section. Proposed Rate 2000 GPM Proposed Quantity 303 AF
 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 _____ 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 _____

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 _____

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. RECEIVED

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12. The presently authorized use of water is for Irrigation purposes.
It is proposed that the use be changed to No change purposes.

13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
Splitting this from 22164. Files will no longer overlap in PU. Base acres are 210 acres. No net increase in acres CU will not increase.

(Please show any calculations here.)

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

15. It is requested that the maximum rate of diversion of water be reduced to See below gallons per minute (____ 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.

Rattlesnake response map shows each approximately the same response to streamflow in each section. Indicating similar source of supply. Mix of GB Prairie Aquifer and similar Rattlesnake Creek modeled response.

Request DWR technical services run Jenkins Streamflow depletion or similar analysis on this change. Would be willing to reduce this water right in order to gain approval to 1400 GPM. Please also check stream depletion at lower rate.

we are increasing stream spacing by ~2200' at the poposed location to the stream.

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.

5-25-2a as the proposed point is greater than 1/2 mile from currently authorized. OR 5-25-18 allowing greater than 1/2 mile Increased efficiency and potential Rattlesnake Creek improvement justify a waiver of regulation.

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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 Macdonald, Kansas, this 1st day of October, 2021.

<u>Kent B Lamb</u> (Owner)	_____	(Spouse)
<u>Kent B Lamb</u> (Please Print)	_____	(Please Print)
<u>Connie S Lamb</u> (Owner)	_____	(Spouse)
<u>CONNIE L. LAMB</u> (Please Print)	_____	(Please Print)
_____	_____	(Spouse)
_____	_____	(Please Print)

State of Kansas)
County of Stafford) SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 1st day of October, 2021.



Jill Neidig
Notary Public

My Commission Expires _____

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:

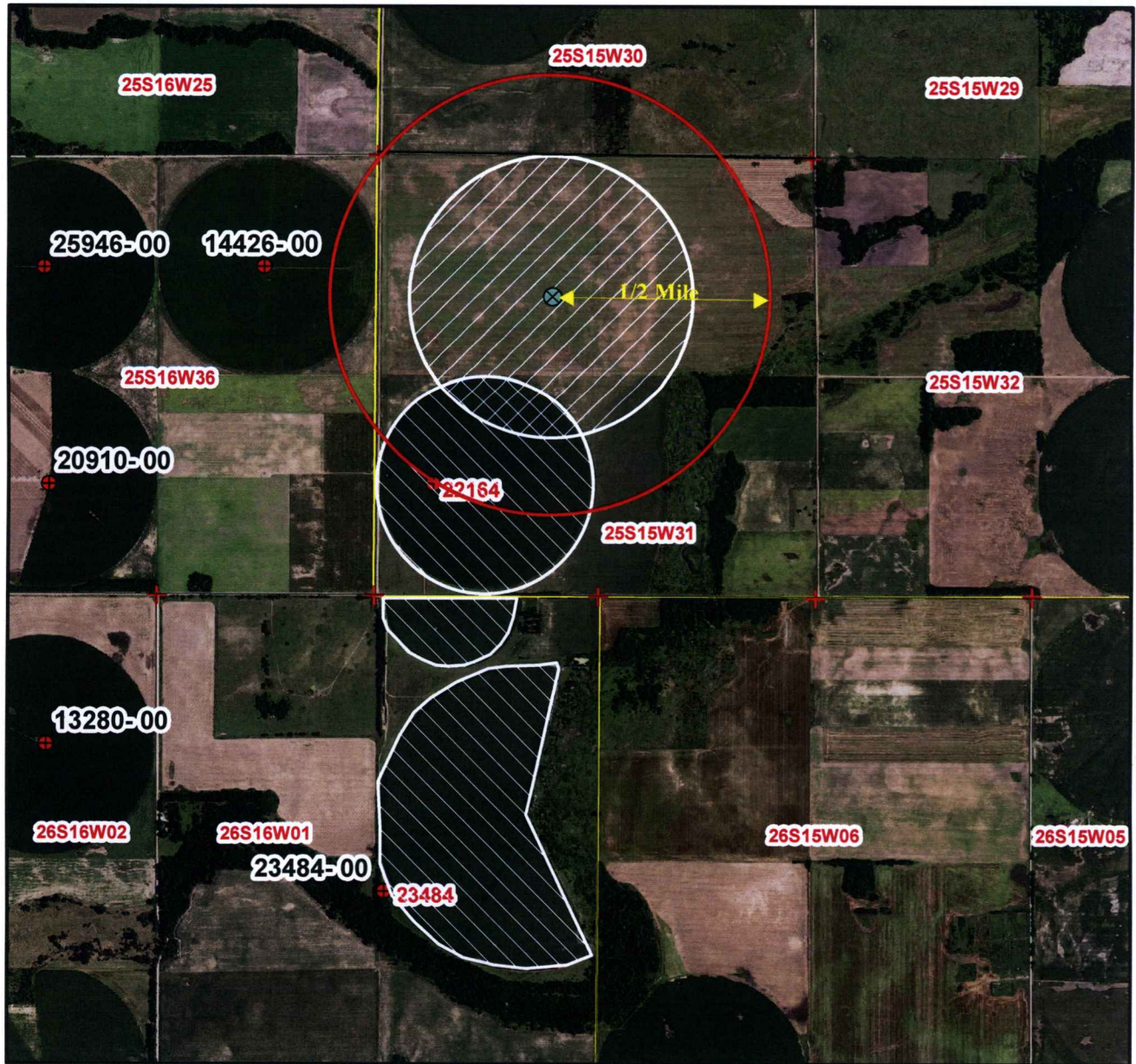
- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200
- (4) Application to change the use made of the water \$300

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

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NOTES: Change in Place of Use and Point of Diversion file no. 23,484



-  Authorized Place of Use
-  Proposed Place of Use
-  Authorized Point of Diversion
-  Proposed Point of Diversion
-  Section Corner
-  Permitted Appropriation
-  Domestic Well

I declare that all water wells of any kind have been shown within 1/2 mile of our proposed point of diversion.

Kent B Lamb
Signature



Scale: 1 Inch = 2000 Feet

	Application Map
	Drawn By: Jeff Lanterman, Stafford Field Office
	Date: July 12, 2021
Revised:	OCT 04 2021 OCT 01 2021

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 DIVISION OF WATER RESOURCES
 KS DEPT OF AGRICULTURE

DRILLER'S TEST LOG

Customer Name: Kent Lamb Date: 10/19/2021
 Address _____ Test No: #1-21
 County: Stafford Quarter: NW Section: 31 Township: 25 Range: 15

Drilled Footage

From	To	Description of Strata	Indicate Test Location by an X
0	3	Top soil	
3	9	Sand & gravel- med to large	
9	14	White gray clay	
14	28	Sandy brown clay	
28	35	Sand & gravel- fine to small clean	✕
35	42	Sand & gravel- fine to small w/ sandy clay	
42	50	Sand & gravel- fine to small clean	
50	70	Sand & gravel- small med to pea size clean	
70	75	Sand & gravel- small clean	
75	92	Sand & gravel- fine to small med w/ some pea size	
			Static Water Level: <u>10ft</u> Ft
92	102	Tan clay w/ fine sand	Remarks: <u>Set 80ft of 5" casing for supply well.</u>
102	104	Cemented sand	<u>FW 23484 test hole</u>
104	115	Soft sandy tan clay	
115	120	Sand & gravel- fine to small w/ clay mix	
120	135	Sand & gravel- small med to pea size clean	Garmin GPS: NAD 83
			Latitude: 37.835198 N
135	180	Sand & gravel- fine to small med clean	Longitude: 99.014700 W
180	193	Tan clay fine sand	Elevation:
193	200	Gray shale	
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			Stafford Field Office DIVISION OF WATER RESOURCES
			Driller: <u>Luis luna</u>
			Spot Location: <u>SE/ NE/ SE/ NW</u>

ROSENCRANTZ-BEMIS EQUIPMENT CO., INC

Telephone (620) 792-2488 or (620) 793-5512
 P.O. Box 713, Great Bend, KS 67530

INPUTS	
Target Section Definition	
Section	31
Township	25
Range	15
Range Direction	w
Target Point Coordinates (<i>NAD27</i> or <i>NAD83</i>)	
Target Longitude	-99.014700
Target Latitude	37.835198

Load Data and Compute

Instructions

1. Enter values for section, township, range and range direction.
2. Enter *NAD27* or *NAD83* longitude and latitude of target point.
3. Click "Load Data and Compute" button.
4. Use feet distances corresponding to datum of target point.

Water Right, File No. 23484
Proposed Point of Diversion
Per Driller's Test Log

Loaded Section Data From LEOBASE using <i>NAD83</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82533313	-99.02274934
NW	37.83990608	-99.02264323
NE	37.83978303	-99.00457553
SE	37.82524211	-99.00439264
Degrees Longitude per Foot		3.46230014E-06
Degrees Latitude per Foot		2.74617356E-06
Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3592	-2325
NW	-1714	-2294
NE	-1670	2924
SE	3625	2977

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82531700	-99.02236900
NW	37.83989000	-99.02226300
NE	37.83976700	-99.00419600
SE	37.82522600	-99.00401300
Degrees Longitude per Foot		3.46229939E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using <i>NAD27</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3598	-2215
NW	-1709	-2184
NE	-1664	3034
SE	3631	3087

INPUTS	
Target Section Definition	
Section	31
Township	25
Range	15
Range Direction	W
Target Point Coordinates (<i>NAD27</i> or <i>NAD83</i>)	
Target Longitude	-99.014894
Target Latitude	37.835168

Load Data and Compute

- Instructions**
1. Enter values for section, township, range and range direction.
 2. Enter *NAD27* or *NAD83* longitude and latitude of target point.
 3. Click "Load Data and Compute" button.
 4. Use feet distances corresponding to datum of target point.

Water Right, File No. 23484
Proposed Pivot Point
Per Pivot Package

Loaded Section Data From LEOBASE using <i>NAD83</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82533313	-99.02274934
NW	37.83990608	-99.02264323
NE	37.83978303	-99.00457553
SE	37.82524211	-99.00439264
Degrees Longitude per Foot		3.46230014E-06
Degrees Latitude per Foot		2.74617356E-06
Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3581	-2269
NW	-1725	-2238
NE	-1681	2980
SE	3614	3033

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82531700	-99.02236900
NW	37.83989000	-99.02226300
NE	37.83976700	-99.00419600
SE	37.82522600	-99.00401300
Degrees Longitude per Foot		3.46229939E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using <i>NAD27</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3587	-2159
NW	-1720	-2128
NE	-1675	3090
SE	3621	3143

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Field Name	Design Name	Machine Category	Machine Area (ac)	No. of Towers	Total Available Length (ft)	Total Irrigated Area (ac)
Pivot_1_105202113164539			210.89	0	1705	0

	Spans and Overhang	Corner	Endgun*	Bender / DropSpan	Keep-Out
Irrigated Area using (ac)	0	0	0	0	0.00

* Estimated

Field Name	Latitude	Longitude	Pivot Road Angle	Pivot Road Offset	Start Angle	End Angle
Pivot_1_105202113164539	37.83516883334402	-99.01489498048103	-	-	0 deg	360 deg

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DRILLER'S TEST LOG

Customer Name: Kent Lamb Date: 10/19/2021
 Address _____ Test No: #1-21
 County: Stafford Quarter: NW Section: 31 Township: 25 Range: 15

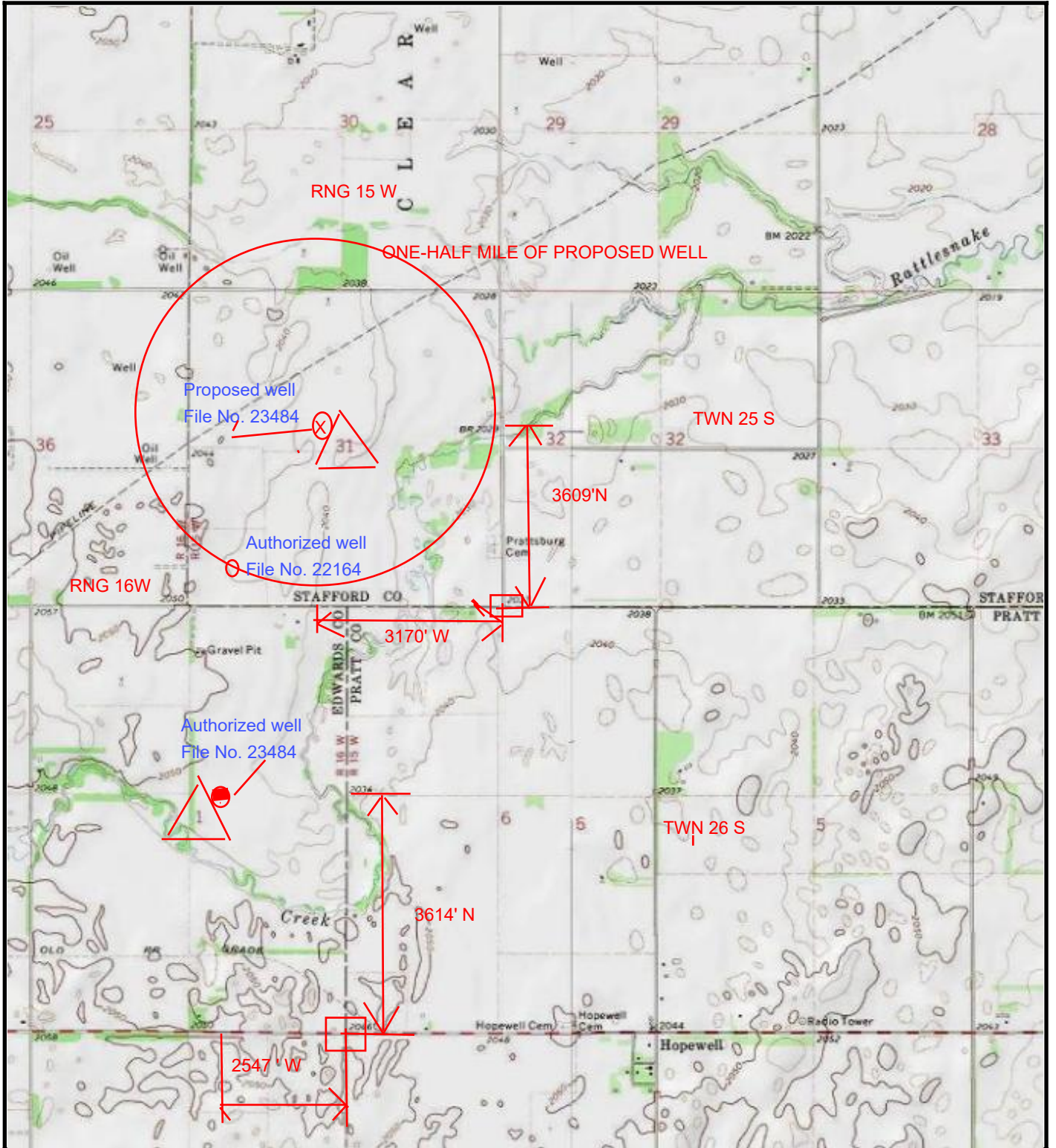
Drilled Footage

From	To	Description of Strata	Indicate Test Location by an X
0	3	Top soil	
3	9	Sand & gravel- med to large	
9	14	White gray clay	
14	28	Sandy brown clay	
28	35	Sand & gravel- fine to small clean	✕
35	42	Sand & gravel- fine to small w/ sandy clay	
42	50	Sand & gravel- fine to small clean	
50	70	Sand & gravel- small med to pea size clean	
70	75	Sand & gravel- small clean	
75	92	Sand & gravel- fine to small med w/ some pea size	
			Static Water Level: <u>10ft</u> Ft
92	102	Tan clay w/ fine sand	Remarks: <u>Set 80ft of 5" casing for supply well.</u>
102	104	Cemented sand	<u>FW 23484 test hole</u>
104	115	Soft sandy tan clay	
115	120	Sand & gravel- fine to small w/ clay mix	
120	135	Sand & gravel- small med to pea size clean	Garmin GPS: NAD 83
			Latitude: 37.835198 N
135	180	Sand & gravel- fine to small med clean	Longitude: 99.014700 W
180	193	Tan clay fine sand	Elevation:
193	200	Gray shale	
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			Stafford Field Office DIVISION OF WATER RESOURCES
			Driller: <u>Luis luna</u>
			Spot Location: <u>SE/ NE/ SE/ NW</u>

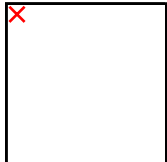
ROSENCRANTZ-BEMIS EQUIPMENT CO., INC

Telephone (620) 792-2488 or (620) 793-5512
 P.O. Box 713, Great Bend, KS 67530

Water Right, File No. 23484 Change in Point of Diversion



WWC5 Water Wells



3/21/2022

Water Resources
Received

KS Dept Of Agriculture

3/18/2022

LI/DWR

<https://maps.kgs.ku.edu/wwc5>

Glover-Balmer Analysis of Change Application File Nos. 22,164 & 23,484.

The Glover-Balmer solution was used to evaluate the combined effects of two change applications on File Nos. 22,164 and 23,484 on streamflow in Rattlesnake Creek. The change applications propose moving the point of diversion authorized by File No. 22,164 approximately 440 feet to the southeast, closer to the stream; and moving the point of diversion authorized by File No. 23,484 approximately 7,400 feet to the north-northeast to a location which is approximately 2,250 feet further away from the stream. Transmissivity (19,061 ft²/day) was assumed to be equal to the transmissivity used in the GMD No. 5 groundwater model, developed by Balleau Groundwater, Inc. An average from model cells in the vicinity of the proposed changes was used. The storage coefficient (0.061) was assumed to be equal to Kansas Geological Survey's estimate of the average specific yield for GMD No. 5. Three scenarios were evaluated. Scenario 1 compared pumping the authorized quantities at the authorized rates at the proposed locations to the ten-year average uses at the last reported rates at the current locations (Table 1). Scenario 2 compared pumping the authorized rates and quantities at the proposed location to the authorized rates and quantities at the current locations (Table 2). The final scenario compared pumping the authorized quantities, but with File No. 23,484 limited to a rate of 1555 gallons per minute, and File No. 22,164 pumping at the authorized rate, at the proposed location to pumping the ten-year average uses at the last reported rates at the current location (Table 3).

Table 1: Scenario 1

Pumping Well	Rate (GPM)	Quantity (AF)	Distance (Feet)	Peak Streamflow Depletion (CFS)
22,164 – Proposed	500	114	2,500	0.74
23,484 – Proposed	2000	303	2,200	2.82
Proposed Peak Streamflow Depletion (CFS):				3.56
22,164 – Current	450	97	2,900	0.61
23,484 – Current	1150	253	250	2.47
Current Peak Streamflow Depletion (CFS):				3.08
Net Increase in Peak Streamflow Depletion (CFS):				0.48

Table 2: Scenario 2

Pumping Well	Rate (GPM)	Quantity (AF)	Distance (Feet)	Peak Streamflow Depletion (CFS)
22,164 – Proposed	500	114	2,500	0.74
23,484 – Proposed	2000	303	2,200	2.82
Proposed Peak Streamflow Depletion (CFS):				3.56
22,164 – Current	500	114	2,900	0.68
23,484 – Current	2000	303	250	4.26
Current Peak Streamflow Depletion (CFS):				4.95
Net Increase in Peak Streamflow Depletion (CFS):				-1.39

Table 3: Scenario 3

Pumping Well	Rate (GPM)	Quantity (AF)	Distance (Feet)	Peak Streamflow Depletion (CFS)
22,164 – Proposed	500	114	2,500	0.74
23,484 – Proposed	1555	303	2,200	2.34
Proposed Peak Streamflow Depletion (CFS):				3.08
22,164 – Current	450	97	2,900	0.61
23,484 – Current	1150	253	250	2.47
Current Peak Streamflow Depletion (CFS):				3.08
Net Increase in Peak Streamflow Depletion (CFS):				0.00

10/31/2022

October 27, 2022

Water Resources
Received

Leslie Ireland
KDA-DWR
1320 Research Park Drive
Manhattan, KS 66502

KS Dept Of Agriculture

Dear Ms. Ireland:

I am returning the applications to your as requested. The GMD #5 board has never officially approved or rejected my waiver request of their rules. I have not received any information on the matter from them. I hope that board action will be forth coming at their November regular meeting. The rule in question requires a 30 AF reduction in the water right that I feel is unacceptable to me given the expected 4.3 AF increase gain in stream flow for the Rattlesnake Creek by moving the point of diversion over one half a mile.

Thank you for your consideration in this matter.

Sincerely,



Kent Lamb
1451 SW 70th Street
Macksville, KS 67557

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

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

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File No. 23484

2. Name of applicant: Kent Lamb

Address: 1451 SW 70th Street

City, State and Zip: Macksville, KS. 67557

Phone Number: (620)546.5684

E-mail address: _____

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

Name of water use correspondent: Kent B Lamb

Address: Same as above.

City, State and Zip: _____

Phone Number: (_____) _____

E-mail address: _____

3. The change(s) proposed herein are desired for the following reasons (please be specific): _____

This change will allow us to install a much more efficient and better irrigation system on better property.

This change is moving a well away from the Rattlesnake significantly and should positively impact streamflow.

This change should only be approved if the corresponding change for 22164 is approved.

The change(s) (will be) completed by As soon as approved.

(Date)

For Office Use Only:

F.O. 2 GMD 5 Meets K.A.R. 5-5-1 YES / NO Use IRR Source G / S County ED By KJN Date 10/4/2021
Code C-2 Fee \$ 300 TR # _____ Receipt Date 10-4-21 Check # 2858

400

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10/12/2021
LMoody

OCT 01 2021

DWR 1-120 (Revised 06/16/2014)

Stafford Field Office
DIVISION OF WATER RESOURCES

Assisted by: _____

4. The presently authorized place of use is:

Owner of Land — NAME: 1. Kent B and Connie L Lamb Trust

ADDRESS: 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1	26	16	71	96.2														167.2	
			Lot 1	Lot 2															

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

Owner of Land — NAME: 1. Kent B and Connie L Lamb Trust

2. Kent B Lamb Trust

ADDRESS: 1. 1451 SW 70th Rd.Macksville,Ks. 67557 2. 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1. 31	25	15								30			30					60	
2. 31	25	15									28.4	28.4						56.8	
											Lot 3	Lot 4							

List any other water rights that cover this place of use. 22164

(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: 1. Kent B and Connie L Lamb Trust

2. Kent B Lamb Trust

ADDRESS: 1. 1451 SW 70th Rd.Macksville,Ks. 67557 2. 1451 SW 70th Rd.Macksville,Ks. 67557

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	
1. 31	25	15		21.6	33.6		37.5	15.5	26.2	40	21.1					8.2		203.7	
2. 31	25	15									5.3							5.3	
							Lot 1	Lot 2			Lot 3	Lot 4							

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

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 MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

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- 6. The presently authorized point(s) of diversion is One well
(Provide description and number of points)
- 7. The proposed point(s) of diversion is one well, pump and power unit
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the NW Quarter of the SW Quarter of the NE Quarter
 of Section 1, Township 26 South, Range 16 (W),
 in Edwards County, Kansas, 3750 feet North 2575 feet West of Southeast corner of section.
 Authorized Rate 2000 GPM Authorized Quantity 303 AF
 (DWR use only: Computer ID No. 1 GPS 3614 feet North 2547 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 SE Quarter of the NW Quarter
 of Section 31, Township 25 South, Range 15 (W),
 in Stafford County, Kansas, 3609 feet North 3170 feet West of Southeast corner of section.
 Proposed Rate 2000 GPM Proposed Quantity 303 AF
 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 _____ 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 _____

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 _____

- 11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. RECEIVED

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12. The presently authorized use of water is for Irrigation purposes.
It is proposed that the use be changed to No change purposes.
13. If changing the place of use and/or use made of water, describe how the consumptive use will not be increased.
Splitting this from 22164. Files will no longer overlap in PU. Base acres are 210 acres. No net increase in acres CU will not increase.

(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to _____ (acre-feet or million gallons).
15. It is requested that the maximum rate of diversion of water be reduced to See below gallons per minute (_____ 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.

Rattlesnake response map shows each approximately the same response to streamflow in each section. Indicating similar source of supply. Mix of GB Prairie Aquifer and similar Rattlesnake Creek modeled response.

Request DWR technical services run Jenkins Streamflow depletion or similar analysis on this change. Would be willing to reduce this water right in order to gain approval to 1400 GPM. Please also check stream depletion at lower rate.

we are increasing stream spacing by ~2200' at the poposed location to the stream.

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.

5-25-2a as the proposed point is greater than 1/2 mile from currently authorized. OR 5-25-18 allowing greater than 1/2 mile increased efficiency and potential Rattlesnake Creek improvement justify a waiver of regulation.

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DIVISION OF WATER RESOURCES

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 Macdonald, Kansas, this 1st day of October, 2021.

Signature lines for Kent B Lamb (Owner), Connie L Lamb (Owner), and their spouses, with corresponding (Please Print) lines.

State of Kansas }
County of Stafford } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 1st day of October, 2021.

JILL NEIDIG
Notary Public - State of Kansas
My Appt. Expires 10/29/23

Signature of Jill Neidig, Notary Public

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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NOTES: Change in Place of Use and Point of Diversion file no. 23,484



-  Authorized Place of Use
-  Proposed Place of Use
-  Authorized Point of Diversion
-  Proposed Point of Diversion
-  Section Corner
-  Permitted Appropriation
-  Domestic Well

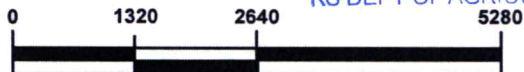
I declare that all water wells of any kind have been shown within 1/2 mile of our proposed point of diversion.

Keith B Lamb
Signature

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Scale: 1 Inch = 2000 Feet



Application Map

Drawn By: Jeff Lanterman - Stafford Field Office

Date: July 12, 2021

Revised: OCT 04 2021 OCT 01 2021

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Stafford Field Office
DIVISION OF WATER RESOURCES

DRILLER'S TEST LOG

Customer Name: Kent Lamb Date: 10/19/2021
 Address _____ Test No: #1-21
 County: Stafford Quarter: NW Section: 31 Township: 25 Range: 15

Drilled Footage

From	To	Description of Strata	Indicate Test Location by an X
0	3	Top soil	
3	9	Sand & gravel- med to large	
9	14	White gray clay	
14	28	Sandy brown clay	
28	35	Sand & gravel- fine to small clean	✕
35	42	Sand & gravel- fine to small w/ sandy	
		clay	
42	50	Sand & gravel- fine to small clean	
50	70	Sand & gravel- small med to pea size	
		clean	
70	75	Sand & gravel- small clean	
75	92	Sand & gravel- fine to small med w/	
		some pea size	Static Water Level: <u>10ft</u> Ft
92	102	Tan clay w/ fine sand	Remarks: <u>Set 80ft of 5" casing for supply well.</u>
102	104	Cemented sand	<u>File 23484 test hole</u>
104	115	Soft sandy tan clay	
115	120	Sand & gravel- fine to small w/ clay mix	
120	135	Sand & gravel- small med to pea size	Garmin GPS: NAD 83
		clean	Latitude: 37.835198 N
135	180	Sand & gravel- fine to small med clean	Longitude: 99.014700 W
180	193	Tan clay fine sand	Elevation: _____
193	200	Gray shale	WATER RESOURCES RECEIVED
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			KS DEPT OF AGRICULTURE
			NOV 09 2021
			Stafford Field Office DIVISION OF WATER RESOURCES
			Driller: <u>Luis luna</u>
			Spot Location: <u>SE/ NE/ SE/ NW</u>

INPUTS	
Target Section Definition	
Section	31
Township	25
Range	15
Range Direction	W
Target Point Coordinates (<i>NAD27</i> or <i>NAD83</i>)	
Target Longitude	-99.014700
Target Latitude	37.835198

Load Data and Compute

- Instructions**
1. Enter values for section, township, range and range direction.
 2. Enter *NAD27* or *NAD83* longitude and latitude of target point.
 3. Click "Load Data and Compute" button.
 4. Use feet distances corresponding to datum of target point.

Water Right, File No. 23484
Proposed Point of Diversion
Per Driller's Test Log

Loaded Section Data From LEOBASE using <i>NAD83</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82533313	-99.02274934
NW	37.83990608	-99.02264323
NE	37.83978303	-99.00457553
SE	37.82524211	-99.00439264
Degrees Longitude per Foot		3.46230014E-06
Degrees Latitude per Foot		2.74617356E-06
Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3592	-2325
NW	-1714	-2294
NE	-1670	2924
SE	3625	2977

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82531700	-99.02236900
NW	37.83989000	-99.02226300
NE	37.83976700	-99.00419600
SE	37.82522600	-99.00401300
Degrees Longitude per Foot		3.46229939E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using <i>NAD27</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3598	-2215
NW	-1709	-2184
NE	-1664	3034
SE	3631	3087

WATER RESOURCES
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INPUTS	
Target Section Definition	
Section	31
Township	25
Range	15
Range Direction	w
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-99.014894
Target Latitude	37.835168

Load Data and Compute

- Instructions**
1. Enter values for section, township, range and range direction.
 2. Enter **NAD27** or **NAD83** longitude and latitude of target point.
 3. Click "Load Data and Compute" button.
 4. Use feet distances corresponding to datum of target point.

Water Right, File No. 23484
Proposed Pivot Point
Per Pivot Package

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82533313	-99.02274934
NW	37.83990608	-99.02264323
NE	37.83978303	-99.00457553
SE	37.82524211	-99.00439264
Degrees Longitude per Foot		3.46230014E-06
Degrees Latitude per Foot		2.74617356E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3581	-2269
NW	-1725	-2238
NE	-1681	2980
SE	3614	3033

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	37.82531700	-99.02236900
NW	37.83989000	-99.02226300
NE	37.83976700	-99.00419600
SE	37.82522600	-99.00401300
Degrees Longitude per Foot		3.46229939E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3587	-2159
NW	-1720	-2128
NE	-1675	3090
SE	3621	3143

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DRILLER'S TEST LOG

Customer Name: Kent Lamb Date: 10/19/2021
 Address _____ Test No: #1-21
 County: Stafford Quarter: NW Section: 31 Township: 25 Range: 15

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0	3	Top soil	
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9	14	White gray clay	
14	28	Sandy brown clay	
28	35	Sand & gravel- fine to small clean	*
35	42	Sand & gravel- fine to small w/ sandy	
		clay	
42	50	Sand & gravel- fine to small clean	
50	70	Sand & gravel- small med to pea size	
		clean	
70	75	Sand & gravel- small clean	
75	92	Sand & gravel- fine to small med w/	
		some pea size	
			Static Water Level: <u>10ft</u> Ft
92	102	Tan clay w/ fine sand	Remarks: <u>Set 80ft of 5" casing for supply well.</u> <u>FW 23484 test hole</u>
102	104	Cemented sand	
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115	120	Sand & gravel- fine to small w/ clay mix	
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		clean	Latitude: 37.835198 N
135	180	Sand & gravel- fine to small med clean	Longitude: 99.014700 W
180	193	Tan clay fine sand	Elevation:
193	200	Gray shale	
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			KS DEPT OF AGRICULTURE NOV 09 2021
			Stafford Field Office DIVISION OF WATER RESOURCES
			Driller: <u>Luis luna</u>
			Spot Location: <u>SE/ NE/ SE/ NW</u>

ROSENCRANTZ-BEMIS EQUIPMENT CO., INC

Telephone (620) 792-2488 or (620) 793-5512

P.O. Box 713, Great Bend, KS 67530