

Kansas Department of Agriculture
 Division of Water Resources
CHANGE: P/D WORKSHEET

Document Signature _____

1. File Number: 32612	2. Status Change Date: 7/2/2018	3. Change Num: C2	4. Field Office: 2	5. GMD:
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6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return	7. Filing Date of Change: 22-MAY-2018
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8a. Applicant(s) New to system <input type="checkbox"/> Person ID 15199 Add Seq# 1 BARBER RWD 03 14873 NW RIVER RD LAKE CITY KS 67071-9006	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
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8b. Landowner(s) New to system <input type="checkbox"/> Person ID 15199 Add Seq# 1 BARBER RWD 03 14873 NW RIVER RD LAKE CITY KS 67071-9006	8d. WUC New to system <input type="checkbox"/> Person ID 15199 Add Seq# 1 NO CHANGE 8B
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9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/18** N & P Date to Comply: **12/31/18**

Anti-Reverse Meter Meter Seal Check Valve N & P Form Water Tube Driller Copy H & E Letter
 Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____

10. Use Made of Water From: _____ To: _____

Date Prepared: **6/27/18** By: **RAK**
 Date Entered: **7/3/2018** By: **LLM**

File No. 32612	11. County: BA	Basin: ⁴¹ MEDICINE LODGE RIVER	Stream:	Formation Code: (180) undifferentiated Kansan/Nebraskan	Special Use:																
12. Points of Diversion																					
MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment	Rate and Quantity		Additional		Overlap PD Files							
										Rate gpm	Quantity mg/y	Rate gpm	Quantity mg/y								
DEL	26121	SW¼ SE¼ SW¼	3	30	14W	2	86	3638	WEST WELL #1					NO							
DEL	50256	SE¼ SE¼ SW¼	3	30	14W	1	71	2976	EAST WELL #2					NO							
ENT	86843	SE¼ NE¼ SW¼	3	30	14W		1641	3185						NO							
ENT	86844	SE¼ NE¼ SW¼	3	30	14W		1641	3285						NO							
BLANKET RATE AND QUANTITY										50 g.p.m. (0.11 c.f.s.) 10.25 m.g.y. (31.45AF)		50 g.p.m. (0.11 c.f.s.) 10.25 m.g.y. (31.45AF)									
13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft																					
14. Limitation: _____ af/yr at _____ cfs) when combined with file number(s) _____ Limitation: _____																					
15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____																					
16. Place of Use		NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
MOD DEL ENT	PUSE	S	T	R	ID	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
NO CHANGES TO PU																					
Comments:																					

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources
M E M O R A N D U M

TO: Files

DATE: June 27, 2018

FROM: Richelle A. Krueger

RE: Water Right
File No. 32,612

Pat Bedwell, Chairman of the Board, on behalf of Rural Water District No. 3, Barber County, Kansas, filed an application for approval to change the authorized points of diversion for the referenced file number located in the Medicine Lodge River Basin. Douglas S. Helmke, P.G., Kansas Rural Water Association, assisted the District in filing the referenced application. Ned Marks, P.G., Terrane Resources Company also submitted information on behalf of the District.

The referenced water right does not appear abandoned.

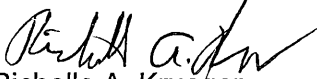
The referenced file number was certified on May 22th, 2018 for a blanket quantity and diversion rate of 10.25 million gallons (31.45 acre-feet) per calendar year and 50 gallons per minute from two wells located in Section 3, Township 30 South, Range 14 West, Barber County, for municipal use within the boundaries of Rural Water District No. 3, Barber County, Kansas, and the immediate vicinity, and within the boundaries of Rural Water District No. 1, Barber County, Kansas, and the immediate vicinity. Paragraph No. 3 of the application indicates that the well casings are severely deteriorated and the new well locations have better aquifer properties. The District proposes to redrill both wells, moving the westernmost well a distance of approximately 1,595 feet to the northeast to a point 1,641 feet North and 3,285 feet West of the Southeast corner of Section 3, and the easternmost well a distance of approximately 1,584 feet to the northwest to a point 1,641 feet North and 3,185 feet West of the Southeast corner of the same section.

The authorized wells are approximately 662 feet apart and it is proposed they will be approximately 100 feet apart at their new locations. The application map and WRIS indicate there are no other non-domestic wells within one-half mile of the proposed wells. The only domestic well shown on the map within one-half mile of the proposed wells is located approximately 250 feet from the proposed location of the well to be located 1,641'N, 3,185'W of the Southeast corner of Section 3. However, the domestic well owner signed a domestic well spacing consent form giving permission to install a municipal use water well at a location approximately 250 feet from the domestic well if allowed by the Chief Engineer.

The same local source of supply will not change, which appears to be (180) undifferentiated Kansan/Nebraskan.

After reviewing additional well logs and information submitted by Ned Marks, Jeff Lanterman, Water Commissioner of the Stafford Field Office, indicated that he has no objection to the approval of the referenced application.

Water flow meters and check valves will be required.


Richelle A. Krueger
Environmental Scientist

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

BARBER RWD 03
ATTN PAT BEDWELL CHAIRMAN
14873 NW RIVER RD
LAKE CITY KS 67071-9006

July 5, 2018

FILE COPY

RE: Water Right, File No. 32,612

Dear Sir or Madam:

Enclosed is the order executed by the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that acceptable water flow meters must be installed on the diversion works authorized under the referenced file number. Please return the required notification of completion of the diversion works and/or installation of the required meters as soon as these actions are completed.

It is a condition of the Approval that the water right owner submits to the Chief Engineer a copy of the well logs required by the Kansas Department of Health and Environment. The copy of the well logs, currently form WWC-5, must be submitted within 30 days following the drilling of the wells at the authorized locations.

Since this order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

If you have any questions, please contact this office. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Brent A. Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT:rak

pc: Stafford Field Office
Kansas Rural Water Association, Attn Douglas S. Helmke, P.G.



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
FOR
CHANGE IN
POINT OF DIVERSION
WATER RIGHT
FILE NO. 32,612**

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Pat Bedwell, Chairman, on behalf of Rural Water District No. 3, Barber County, Kansas, 14873 Northwest River Road, Lake City, Kansas, 67071-9006, received in this office on November 20, 2017, for approval of a change in the location of the point of diversion under the certificate of appropriation issued pursuant to the application for permit to appropriate water for beneficial use, finds that the change is reasonable and will not impair existing rights, that the change relates to the same local source of supply and that the application should be and is hereby approved.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized locations of the points of diversion shall be:

one(1) well located in the Southeast Quarter of the Northeast Quarter of the Southwest Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, more particularly described as being near a point 1,641 feet North and 3,185 feet West of the Southeast corner of said section, and

one(1) well located in the Southeast Quarter of the Northeast Quarter of the Southwest Quarter (SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$) of Section 3, more particularly described as being near a point 1,641 feet North and 3,285 feet West of the Southeast corner of said section,

both in Township 30 South, Range 14 West, Barber County, Kansas, at a diversion rate not in excess of 50 gallons per minute (0.11 c.f.s.) and a quantity not to exceed 10.25 million gallons (31.45 acre-feet) of water per calendar year,

located substantially as shown on the map accompanying the application to change the point of diversion.

Installation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time. The water right owner shall notify the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

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

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

The water right owner shall submit to the Chief Engineer a copy of the well logs required by the Kansas Department of Health and Environment under the authority of K.S.A. 82a-1212, currently form WWC-5, within 30 days following the drilling of the wells at the locations authorized herein.

The water right owner shall properly install acceptable water meters on the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meters has been completed. The water right owner shall maintain the water meters in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meters and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 32,612, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated May 22, 2018.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

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

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

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

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

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

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

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

WATER RESOURCES
 RECEIVED
 NOV 20 2017
 12:50
 KS DEPT OF AGRICULTURE

File No. 32,612

2. Name of applicant: RURAL WATER DISTRICT NO. 3, BARBER COUNTY

Address: 14873 NW RIVER ROAD

City, State and Zip: LAKE CITY, KANSAS 67071-9006

Phone Number: (620) 247-6413 E-mail address: joan@rpm3dinc.com

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

Name of water use correspondent: SAME AS ABOVE

Address: _____

City, State and Zip: _____

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

3. The change(s) proposed herein are desired for the following reasons (please be specific): ORIGINAL WELLS' CASING IS SEVERELY PETERIORATED AND NEW WELL LOCATIONS HAVE BETTER AQUIFER PROPERTIES.

The change(s) (was) (will be) completed by AS SOON AS POSSIBLE AFTER APPROVAL.
 (Date)

For Office Use Only:		F.O. <u>2</u>	GMD <u>0</u>	Meets K.A.R. 5-5-1 <u>(YES/NO)</u>	Use <u>MUN</u>	Source <u>(G) S</u>	County <u>BA</u>	Receipt Date <u>11/20/17</u>
Code <u>CGT</u>	Fee \$ <u>00</u>	TR # _____						

APPLICATION COMPLETE
6/21/18
 Reviewer RAK

DWR 1-120 (Revised 06/16/2014) Please send a copy of all correspondence, including application acknowledgment letter, to:

Douglas S. Helmke, P.G.
 Kansas Rural Water Assn.
 6847 SE 29th Street
 Tecumseh, Kansas 66542-9571

Assisted by: GEOLOGIST
 11/20/17 (Date)

4. The presently authorized place of use is:

WATER RIGHT
Owner of Land NAME: RURAL WATER DISTRICT No. 3, BARBER COUNTY

ADDRESS: 14873 NW RIVER ROAD, LAKE CITY, KANSAS 67071-9006

ID	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	3-30-	14W		MUNICIPAL USE				WITHIN RURAL WATER DISTRICT No. 3, BARBER COUNTY AND												
4	3-30-	14W		ITS IMMEDIATE VICINITY, AND WITHIN RURAL WATER DISTRICT No. 1,																
PUSE:	31471	4		BARBER COUNTY AND ITS IMMEDIATE VICINITY.																
RUSE:	61632																			

List any other water rights that cover this place of use. N/A

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: _____

NO CHANGE

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. _____

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. _____

WATER RESOURCES RECEIVED

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY. NOV 20 2017

6. The presently authorized point(s) of diversion (is) (are) 2 WELLS
 (Provide description and number of points)
7. The proposed point(s) of diversion (is) (are) 2 WELLS
 (Provide description and number of points)

List all presently authorized point(s) of diversion:

8. Presently authorized point of diversion: PDIV 50256 ID 1 (EAST)

One in the SE Quarter of the SE Quarter of the SW Quarter of Section 3, Township 30 South, Range 14 (E/W) in BARBER County, Kansas, 71 feet North 2976 feet West of Southeast corner of section.

Authorized Rate NA Authorized Quantity NA

(DWR use only: *Computer ID No. 1 GPS 71 feet North 2976 feet West)

This point will not be changed This point will be changed as follows: (NORTH)

Proposed point of diversion: (Complete only if change is requested)

One in the SE Quarter of the NE Quarter of the SW Quarter of Section 3, Township 30 South, Range 14 (E/W) in BARBER County, Kansas, 1,641 feet North 3,200 feet West of Southeast corner of section.

Proposed Rate _____ Proposed Quantity 3,185**

This point is: Additional Well Geo Center List other water rights that will use this point _____

9. Presently authorized point of diversion: PPIV 26121 ID 2 (WEST)

One in the SW Quarter of the SE Quarter of the SW Quarter of Section 3, Township 30 South, Range 14 (E/W) in BARBER County, Kansas, 86 feet North 3638 feet West of Southeast corner of section.

Authorized Rate NA Authorized Quantity NA

(DWR use only: *Computer ID No. 2 GPS 86 feet North 3638 feet West)

This point will not be changed This point will be changed as follows: (SOUTH)

Proposed point of diversion: (Complete only if change is requested)

One in the NE SE** Quarter of the SE NE** Quarter of the SW Quarter of Section 3, Township 30 South, Range 14 (E/W) in BARBER County, Kansas, 1,045 feet North 3,263 feet West of Southeast corner of section.

Proposed Rate _____ Proposed Quantity 1,641** 3,285**

This point is: Additional Well Geo Center List other water rights that will use this point _____

TOTAL RATE 50100 GPM TOTAL QUANTITY = 10.250 MGY

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.
THE OLD WELLS WILL BE PLUGGED. WATER RESOURCES RECEIVED

12. The presently authorized use of water is for MUNICIPAL USE 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.

NA

(Please show any calculations here.)

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

15. It is requested that the maximum rate of diversion of water be reduced to NA 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.

Request 60 days to submit geological data

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.

NA

NOV 20 2017
WATER RESOURCES
RECEIVED

KS DEPT OF AGRICULTURE

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

SCANNED

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 Medicine Lodge, Kansas, this 15th day of November, 20 17.

X Pat Bedwell
CHAIRMAN OF RWQ Board
Pat Bedwell
(Please Print)

(Owner)

(Please Print)

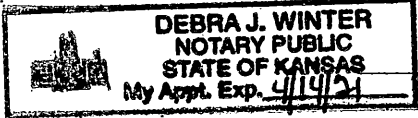
(Owner)

(Please Print)

NA
(Spouse)
NA
(Please Print)
NA
(Spouse)
NA
(Please Print)
NA
(Spouse)
NA
(Please Print)

State of Kansas }
County of Barber } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 15 day of November, 20 17



Debra J. Winter
Notary Public

My Commission Expires 4/14/21

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.**

WATER RESOURCES RECEIVED
NOV 20 2017
KS DEPT OF AGRICULTURE
SCANNED

To: Kansas Department of Agriculture
Division of Water Resources
109 SW 9th Street, 2nd Floor
Topeka, KS 66612-1283
Telephone: (785) 296-3717
1320 RESEARCH PARK DR
MANHATTAN KS 66502-5000

Re: Domestic Well Spacing
Consent Form

I, JASON Howell, own a well in the SE
Quarter of the NE Quarter of the SW Quarter of Section 3,
Township 30 South, Range 14 West ~~East~~, BARBER County, Kansas.

Water from this well is used only for domestic purposes as follows:

- household use;
- watering of livestock, poultry, farm and domestic animals used in operating a farm; and/or
- irrigation of lands not exceeding a total of two (2) acres in area for the growing of gardens, orchards and lawns.

I understand that an application for a ~~permit to appropriate water~~ ^{change in point of diversion} Application, File No. 32,612, has been filed with the Division of Water Resources and that the applicant seeks to use water from a new well located closer to my domestic well than allowed by the rules and regulations of the Chief Engineer, in particular K.A.R. 5-4-4(c)(2)(c). I hereby give my permission to the applicant to install a municipal use water well at a location approximately 250 feet from my domestic well if the same is allowed and permitted by the Chief Engineer.

By giving my permission, I do not waive any right I may have to file a complaint with the Chief Engineer or to make a written request to secure water, pursuant to K.A.R. 5-4-1, if the use of my well becomes impaired such that I am unable to exercise my domestic water right, nor do I waive any other rights I may have under the Kansas Water Appropriation Act or the rules and regulations of the Chief Engineer.

I acknowledge that my permission has been given freely and voluntarily. I further acknowledge that I have not entered any agreement either oral or in writing with any person(s) including the Applicant, land owner, or any representative or agent of the applicant or land owner that condition my permission on giving up any of my rights under the Kansas Water Appropriation Act or the rules and regulations of the Chief Engineer or that condition my permission on reliance on any person or entity other than the Chief Engineer to investigate any claims of impairment I may make with respect to my domestic well or to secure water to satisfy my domestic water right.

Signature

Address (please print)

City/Town, State (please print)

(_____) _____
Phone

State of _____

County of _____

Signed or attested before me on _____ by _____
(Please print name of signatory)

Notary Public

[My appointment expires: _____]

I acknowledge that my permission has been given freely and voluntarily. I further acknowledge that I have not entered any agreement either oral or in writing with any person(s) including the Applicant, land owner, or any representative or agent of the applicant or land owner that condition my permission on giving up any of my rights under the Kansas Water Appropriation Act or the rules and regulations of the Chief Engineer or that condition my permission on reliance on any person or entity other than the Chief Engineer to investigate any claims of impairment I may make with respect to my domestic well or to secure water to satisfy my domestic water right.

Jason Howell
Signature

80210 NE 80th ST
Address (please print)

Preston, KS 67583
City/Town, State (please print)

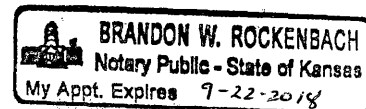
(620) 388-4958
Phone

State of Kansas

County of Pratt

Signed or attested before me on 7th by Jason Howell
(Please print name of signatory)

Brandon W. Rockenbach
Notary Public



[My appointment expires: 9-22-2018]

WATER RESOURCES
RECEIVED

NOV 20 2017

Krueger, Richelle [KDA]

From: Turney, Brent
Sent: Monday, June 11, 2018 7:24 AM
To: Krueger, Richelle [KDA]
Subject: FW: Map and logs for change File #32,612
Attachments: letter 05 june 2018 to Brent Turney DWR chang app file 32,612.pdf

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: ned marks [mailto:terresco@yahoo.com]
Sent: Tuesday, June 5, 2018 2:29 PM
To: Turney, Brent [KDA] <Brent.Turney@ks.gov>
Cc: P.G. - KRWA Douglas S. Helmke <dhelmke@krwa.net>; Joan Jacobs <jacobsj@sctelcom.net>
Subject: Map and logs for change File #32,612

Brent,

See attached letter.

Thanks,

Ned

WATER RESOURCES
RECEIVED

JUN 11 2018

KS DEPT OF AGRICULTURE

Krueger, Richelle

From: Lanterman, Jeff [KDA]
Sent: Thursday, June 28, 2018 2:16 PM
To: Turney, Brent; Conant, Cameron [KDA]; Krueger, Richelle
Subject: RE: Re:

So a 4 hour pump test at a little less than 70 GPM with 2.5' of drawdown is how I read that.

If I remember right there was about 36' of saturated sand and gravel in the well logs.

I still think we will be ok, but we have to assume since it is a blanket rate that all of the water can be pumped from the one well right? Even then at 50 GPM I think we will be OK.

Im OK approving this.

Jeff

From: Turney, Brent
Sent: Thursday, June 28, 2018 11:47 AM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>; Conant, Cameron [KDA] <Cameron.Conant@ks.gov>; Krueger, Richelle <Richelle.Krueger@ks.gov>
Subject: FW: Re:

All,
Attached is Ned's pump test for Barber 3

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: ned marks [<mailto:terresco@yahoo.com>]
Sent: Thursday, June 28, 2018 11:25 AM
To: Turney, Brent <Brent.Turney@ks.gov>
Subject: Re:

Brent,

As requested you will find an attachment that is the aquifer test data for Barber Co RWD #3 TW 1-17.
Let me know if you have any questions regarding the tests or well sites.

Thanks,

Ned

Krueger, Richelle

From: Turney, Brent
Sent: Thursday, June 28, 2018 11:47 AM
To: Lanterman, Jeff [KDA]; Conant, Cameron [KDA]; Krueger, Richelle
Subject: FW: Re:
Attachments: aquifer test TW 1-17.pdf

All,
Attached is Ned's pump test for Barber 3

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
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From: ned marks [mailto:terresco@yahoo.com]
Sent: Thursday, June 28, 2018 11:25 AM
To: Turney, Brent <Brent.Turney@ks.gov>
Subject: Re:

Brent,

As requested you will find an attachment that is the aquifer test data for Barber Co RWD #3 TW 1-17.
Let me know if you have any questions regarding the tests or well sites.

Thanks,

Ned

On Monday, June 25, 2018 1:33 PM, "Turney, Brent" <Brent.Turney@ks.gov> wrote:

Terrane Resources Co.

P.O. Box 173 Stafford, KS 67578 620-546-3616

KANSAS GROUND WATER: STRAIGHT UP FROM THE ROCKS!

Barber Co. RWD #3 Aquifer Test on TW 1-17 18 Sept., 2017

TW 1-17 SWL 79.48' BTOC					OFS 1 249 feet ENE of TW 1-17 SWL 73.92' BTOC				
E T Hrs	E T Min	Water Level DD	Water Level Rec.	Pump Rate GPM	E T Hrs	E T Min	Water Level DD	Water Level Rec.	
11:38hrs	0	0	79.48			0	0	73.92	73.98
		1	81.70				1		
		2	81.70				2		
		3	81.71				3		
		4	81.72				4		
		5					5		
		6	81.80				6		
		7	81.78				7		
		8	81.76				8		
		9	81.76				9		
		10	81.76				10		
		11	81.75				11		
		12	81.76				12		
		14	81.76	63			14		
		16	81.76				16		
		18	81.78				18		
		20	81.80				20		
		25	81.80				25		
		30	81.82				30		
		35	81.82				35		
		40	81.82				40		73.96
		45	81.83				45		
		50	81.84				53	73.95	
	1	60	81.85			1	60		
		70	81.86	63			70		
		80	81.84				80		
		100	81.86				100		
	2	120	81.88			2	130	73.97	
		150	81.88				150		
	3	180	81.90	62		3	180		
		210	81.93				215	73.98	
	4	240	81.94			4	240		

"THE WEALTH OF THE SYSTEM IS DIRECTLY RELATED TO THE HEALTH OF THE WELL"

Krueger, Richelle

From: Krueger, Richelle
Sent: Wednesday, June 27, 2018 1:02 PM
To: Lanterman, Jeff [KDA]
Cc: Conant, Cameron [KDA]; Turney, Brent
Subject: RE: Request for Recommendation Change in PD File No. 32612 Barber Co. RWD No 3 REVISED

Hi Jeff,

Brent will contact Ned and get that info, I don't think we will have to specifically waive the reg because we have permission from the nearby well owner to reduce spacing.....thanks Jeff we will proceed!

Richelle

From: Lanterman, Jeff [KDA]
Sent: Wednesday, June 27, 2018 12:52 PM
To: Krueger, Richelle <Richelle.Krueger@ks.gov>
Cc: Conant, Cameron [KDA] <Cameron.Conant@ks.gov>; Turney, Brent <Brent.Turney@ks.gov>
Subject: RE: Request for Recommendation Change in PD File No. 32612 Barber Co. RWD No 3 REVISED

Richelle;

I chatted a little with Ned on this over lunch.

See if this sounds right. He said the domestic well they are asking for spacing waivers to was an old unused oilfield supply well. He said it isn't being used and he never saw it be used and they had to repair the well in order to be able to even get a sample or a water level. And that well was more like >200' away from the proposed location. He did say they did a 4 hour pump test and I can't find any of that information in the file. He said they ran it at about 80-90 GPM and couldn't really budge the water level much. He offered to send us the information if we wanted it. He has it. Why don't we get that information from him and if it doesn't show much impact or drawdown let's just go ahead and approve it.

Anyway I don't think the difference will change my recommendation to go ahead and approve this but the pump test information would be great to have if we are waiving spacing.

Thanks
Jeff

From: Krueger, Richelle
Sent: Monday, June 25, 2018 3:27 PM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Cc: Conant, Cameron [KDA] <Cameron.Conant@ks.gov>; Turney, Brent <Brent.Turney@ks.gov>
Subject: Request for Recommendation Change in PD File No. 32612 Barber Co. RWD No 3 REVISED
Importance: High

Hi Jeff!

Hey, I picked this up again to finalize the approval document and realized that the topographic map submitted with the application did not match the aerial map and info Ned Marks submitted, the proposed wells are 100 feet apart instead of 599 feet apart and are actually located on either side of TW 1-17. Brent called and spoke with Ned today and confirmed that the proposed wells are to be located 1641'N and 3185'W of SE corner and 1641'N and 3285'W of the SE

corner of 3 -30S-14W Barber Co. With the revised feet distances in mind, do you still recommend approval of the application?

Sorry for the confusion!

Thanks,
Richelle

Krueger, Richelle [KDA]

From: Lanterman, Jeff [KDA]
Sent: Wednesday, June 20, 2018 9:17 AM
To: Turney, Brent; Krueger, Richelle [KDA]
Cc: Conant, Cameron [KDA]
Subject: FW: Map and logs for change File #32,612
Attachments: letter 05 june 2018 to Brent Turney DWR chang app file 32,612.pdf

I am good with approval of this change app.

Jeff

From: Conant, Cameron [KDA]
Sent: Monday, June 11, 2018 4:59 PM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Subject: FW: Map and logs for change File #32,612

Jeff, we have reviewed this and discussed this with Brent. Ned supplied some additional information on behalf of the RWD. The nearby domestic well log appears to be an oilfield supply well or stock well and is located about 250' from the nearest proposed well (the domestic owner has supplied a consent agreement to move closer than 660'). My opinion is that oilfield and stock use is likely a temporary or seasonal use. I think it was good this domestic is not a house well.

Based on the observation that this is a temporary/seasonal use domestic well and the fact that the two available logs show ~28.5' to 36' of saturated thickness, it seems unlikely impairment will occur as they wells are only authorized to pump 50 gpm. I think with the additional information, we can recommend approval of the change applications.

Please pass on to Brent and Richelle if you agree.

Cameron

From: Turney, Brent
Sent: Monday, June 11, 2018 12:36 PM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>; Conant, Cameron [KDA] <Cameron.Conant@ks.gov>
Cc: Krueger, Richelle [KDA] <Richelle.Krueger@ks.gov>
Subject: FW: Map and logs for change File #32,612

Jeff and Cameron,

Attached is a letter and logs submitted by Ned Marks regarding File No. 32,612 Barber RWD 3. Jeff if you recall, this change proposes to move Barber RWD wells close to an existing domestic well. The owner of the domestic well signed a consent form to allow for reduced spacing, yet you were concerned with impairment. Could you please review the logs of the proposed well and the domestic well and give us your thoughts? Richelle is ready to move on this, all she needs is your go ahead.

Thanks,
Brent

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive

Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

From: ned marks [<mailto:terresco@yahoo.com>]

Sent: Tuesday, June 5, 2018 2:29 PM

To: Turney, Brent [KDA] <Brent.Turney@ks.gov>

Cc: P.G. - KRWA Douglas S. Helmke <dhelmke@krwa.net>; Joan Jacobs <jacobsj@sctelcom.net>

Subject: Map and logs for change File #32,612

Brent,

See attached letter.

Thanks,

Ned

Krueger, Richelle [KDA]

From: Philip, Charlotte
Sent: Wednesday, June 20, 2018 11:21 AM
To: Krueger, Richelle [KDA]
Subject: RE: Request for Recommendation Change in PD File No. 32612 Barber Co RWD No 3

Richelle,

I'm sorry I missed telling Ty to send this for signature with the Cert. It was certified on May 22.

Go ahead with what you need to do. I need to keep better track of these.

Sorry again,

Charlotte Philip

From: Krueger, Richelle [KDA]
Sent: Tuesday, April 17, 2018 11:09 AM
To: Lanterman, Jeff [KDA] <Jeff.Lanterman@ks.gov>
Cc: Conant, Cameron [KDA] <Cameron.Conant@ks.gov>; Philip, Charlotte [KDA] <Charlotte.Philip@ks.gov>; Turney, Brent [KDA] <Brent.Turney@ks.gov>
Subject: Request for Recommendation Change in PD File No. 32612 Barber Co RWD No 3

Hi Jeff,

Attached is a draft memorandum for the referenced change, do you recommend approval? Also, what source of supply do you think we should show in WRIS? I have (180) undifferentiated Kansan/Nebraskan, but thought I better double check with you on that.....

If you are okay with this application I will send the change approval up for signature at the same time as the certificate.

Thanks,
Richelle

1320 Research Park Drive
Manhattan, Kansas 66502
(785) 564-6700



900 SW Jackson, Room 456
Topeka, Kansas 66612
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

RURAL WATER DIST #3, BARBER COUNTY 11/21/17
14873 NW RIVER RD
LAKE CITY, KS 67071

FILE COPY

RE: File No 32612

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
- 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,

A handwritten signature in cursive script that reads "Brent A. Tourney".

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

BAT: DLW
pc: STAFFORD Field Office GMD

Krueger, Richelle [KDA]

From: Turney, Brent
Sent: Monday, June 11, 2018 12:36 PM
To: Lanterman, Jeff [KDA]; Conant, Cameron [KDA]
Cc: Krueger, Richelle [KDA]
Subject: FW: Map and logs for change File #32,612
Attachments: letter 05 june 2018 to Brent Turney DWR chang app file 32,612.pdf

Jeff and Cameron,

Attached is a letter and logs submitted by Ned Marks regarding File No. 32,612 Barber RWD 3. Jeff if you recall, this change proposes to move Barber RWD wells close to an existing domestic well. The owner of the domestic well signed a consent form to allow for reduced spacing, yet you were concerned with impairment. Could you please review the logs of the proposed well and the domestic well and give us your thoughts? Richelle is ready to move on this, all she needs is your go ahead.

Thanks,
Brent

Brent A. Turney, P.G.
Kansas Department of Agriculture
Division of Water Resources
1320 Research Park Drive
Manhattan Kansas 66502
(785) 564-6645
Brent.Turney@ks.gov
www.agriculture.ks.gov

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Sent: Tuesday, June 5, 2018 2:29 PM
To: Turney, Brent [KDA] <Brent.Turney@ks.gov>
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Subject: Map and logs for change File #32,612

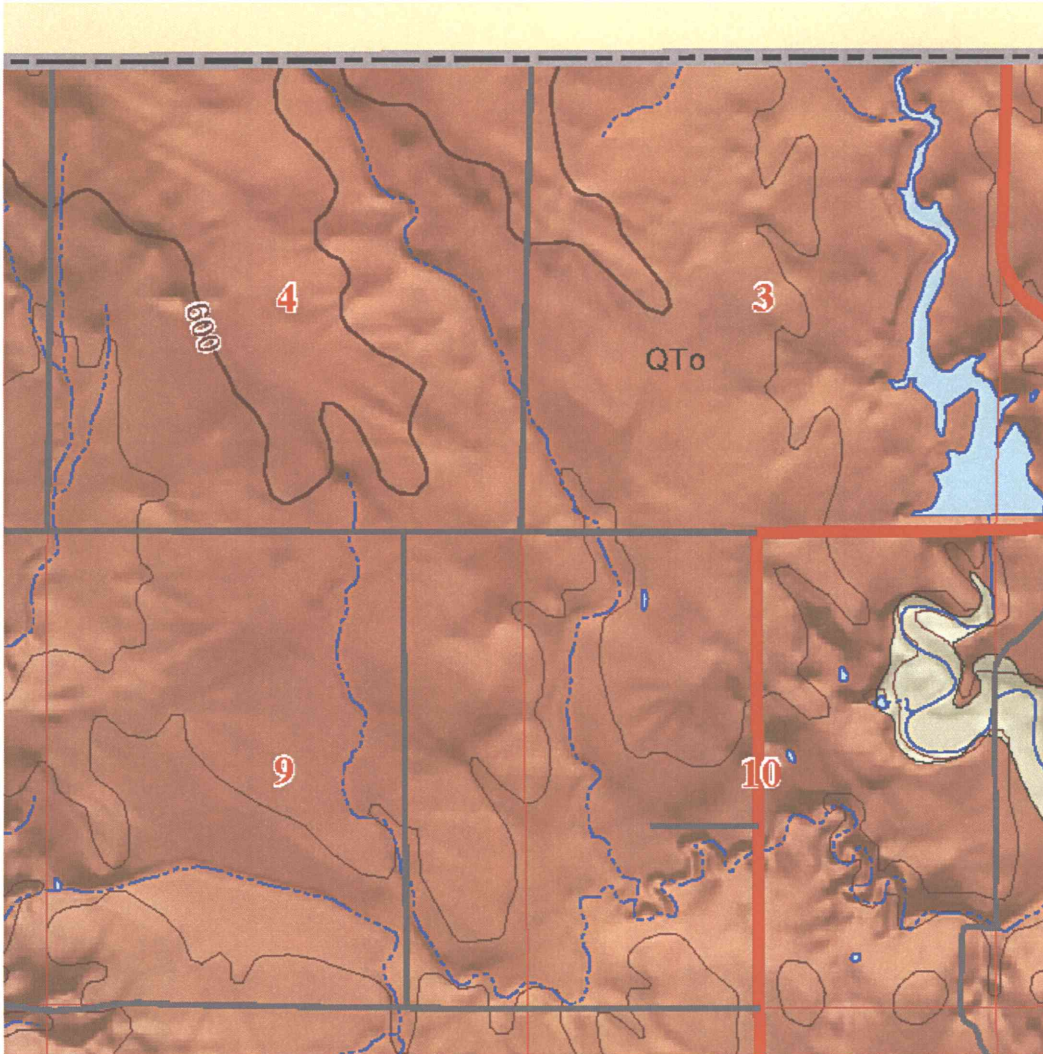
Brent,

See attached letter.

Thanks,

Ned

KGS	Barber County T. 30 S., R. 14 W.		Map Index	
Geology			Zoom Out	



Quaternary		Permian	
	Dune Sand		Whitehorse Fm
	Alluvium		Dog Creek Fm
	Older Alluvium		Blaine Fm
	Upland Alluvium		Medicine Lodge Gypsum Mbr
	Ogallala Fm		Flower-pot Shale
			Cedar Hills Sandstone
			Salt Plain Fm
Cretaceous			
	Cheyenne Sandstone		

Cartographic Services, Kansas Geological Survey

Updated Feb. 1, 2007

Comments to webadmin@kgs.ku.edu

URL=http://www.kgs.ku.edu/General/Geology/County/abc/ba/ba_1_5.html

Terrane Resources Co.

P.O. Box 173 Stafford, KS 67578 620-546-3616

KANSAS GROUND WATER: STRAIGHT UP FROM THE ROCKS!

05 June, 2018

Mr. Brent Turney, PG
Change Application Unit Supervisor
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, Kansas 66502-5000

Re: Change Application File #32,612

Dear Brent,

Attached to this letter is an aerial map showing the proposed new well sites, the existing well sites and existing oil field supply(OFS) well.

At this time we propose to place both wells within 100 feet of TW 1-17. We plan to put one approximately 10-15 feet east of TW 1-17 and one approximately 85 feet west of TW 1-17.

In addition to the log for TW1-17 we have included a log for the oil field supply/stock(OFS) well which is 249 feet to the ENE of TW 1-1

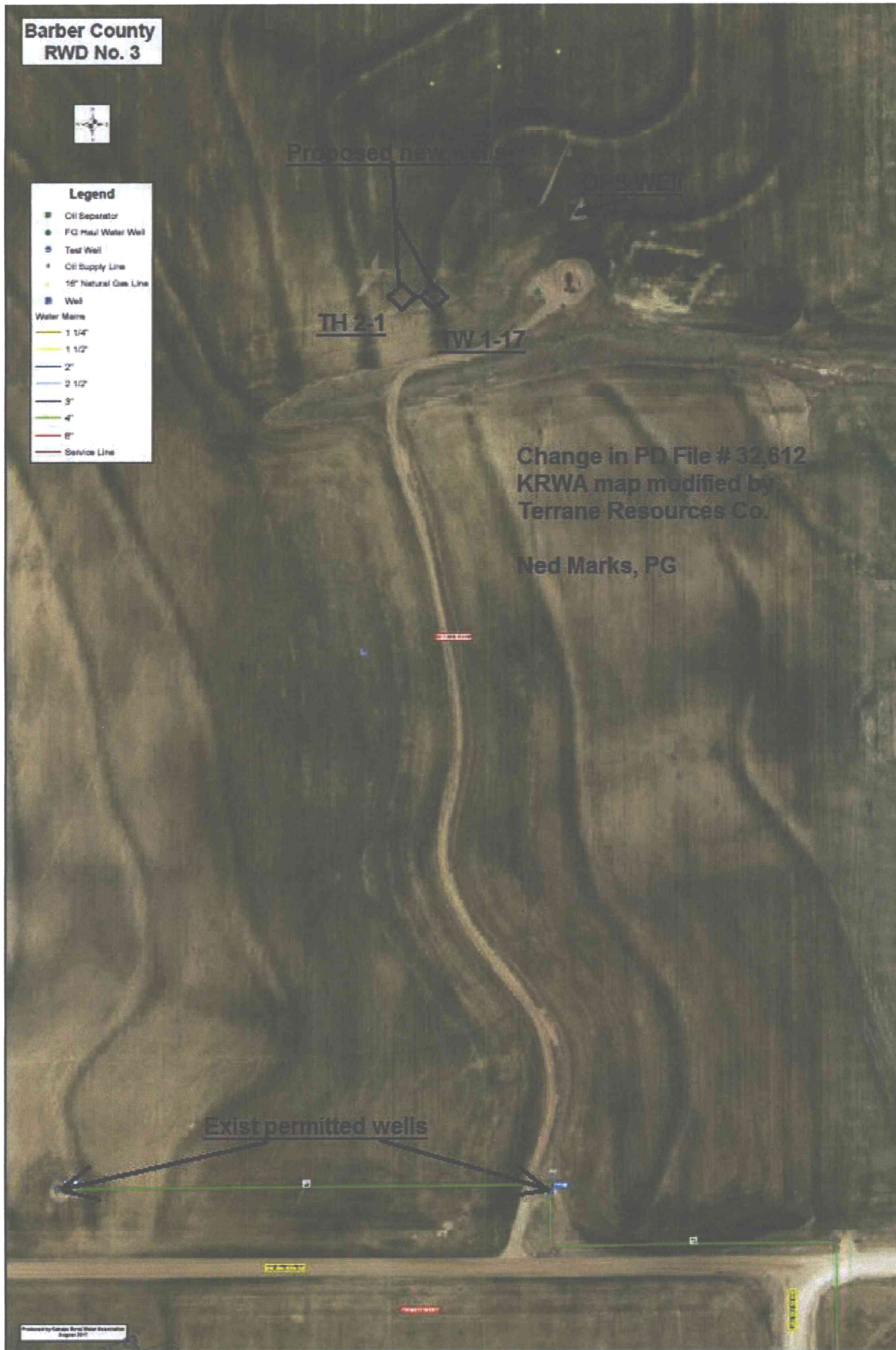
Respectfully Submitted,

Ned Marks

Edward "Ned" T. Marks, PG.
Lic #431
TERRANE RESOURCES CO.
terresco@yahoo.com

WATER RESOURCES
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JUN 11 2018
KS DEPT OF AGRICULTURE

SCANNED



WATER RESOURCES
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JUN JUN 11 2018
KS DEPT OF AGRICULTURE
KS DEPT OF AGRICULTURE

TERRANE RESOURCES CO.
 LITHOLOGIC LOG AND WELL DESIGN

PROJECT: Barber Co RWD #3 DATE: 11 Sept 17 BORING I.D. 7W 1-17

Drig. Cont. Lymon's Drig. Method MR 6" dry Prj. Geo. Ned Marks
Dean Cole & Casey to 10" drill

TIME OF DAY	DRILLED INTERVAL	RECOVERY	FORMATION DEPTHS	WELL SCHEMATIC
08:45	Crew at site + mixing mud		0-2 Topsoil, silty, hard	
			2-9 Clay, white - firm, some Ash + silt	
			9-14 Clay, sandy, tan, much silty, calcic + Fe stain	
			14-22 StG, vt-vc sand, some fine gravel + vc gravel, few pebbles, silty, arkosic	
			22-30.5 StG, vt-vc, arkosic, red-tan, clean w/ many pebbles	
			30.5-43 StG, SAA, w/ clay streaks	
			43-48 Clay, white - firm	
	Out of water		48-52 Clay, orange - sandy	
			52-77 StG, vt-vc, some pebbles, arkosic red-tan, w/ some clay	Taking water
				Water
				Cemented gravel w/ depth (mortar beds?)
11:00	out of water mix gel		77-86 StG, vt-vc sand, some Fe - med gravel, few pebbles - tan, arkosic	
			86-91 StG, vt-vc, many pebbles, some Fe - med mortar beds? + oyster shells	
			91-100 StG, vt-vc, clean, red-tan arkosic w/ pebbles	
			100-110 Shale, red	
11:50	out of water mixing gel			
				Ripping up to ream w/ 10" bit
				Reamed + drill string out of hole
16:00			105-108 Sand bucket pebbles + cobbles out of hole	
				Set 5" screen + casing
			88-108 Screen, 0.025 slot w/ centralizers	
			108-88 Casing	
17:10			Flush hole	
17:45			80-108 Gravel Pack (Greensburg fine)	
			72-80 Chips 3sk	
			52-72 50/50 chips 3sk + gravel pack	
19:00	out of gravel		47-52 Chips 3sk	Tuesday 12 Sept 17
10:00			24-46 50/50 chips 7sk + gravel pack	
			4-24 Chips 8sk	
			0-4 fill	
11:30			TO 111.00 BTL	
			79.50 BTL	
			3.10 AGL	
			107.90 BLS	
				- 3.10
				76.40

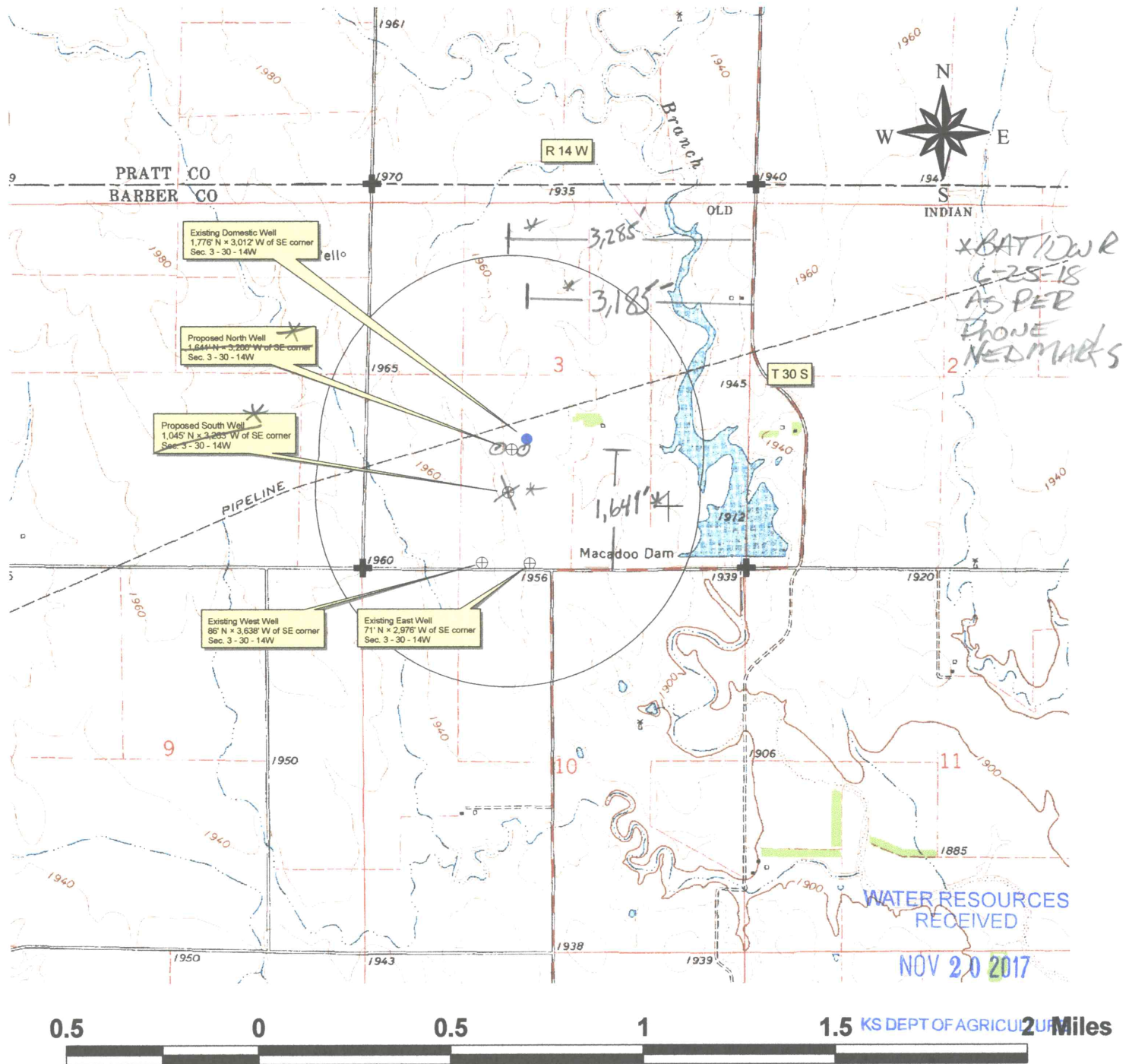
WATER RESOURCES RECEIVED
 JUN 11 2018
 WATER AGRICULTURE

SCANNED

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.					
1 LOCATION OF WATER WELL: County: Barber		Fraction SE 1/4 NE 1/4 SW 1/4	Section Number 3	Township Number T 30 S	Range Number R 14W E/W
Distance and direction from nearest town or city street address of well if located within city? 2N, 1/2N, 5N of Lake City, Ks.					
2 WATER WELL OWNER: Bill Hampton III		Sterling Drilling Company		Hampton 1-3	
RR#, St. Address, Box # : 30287 NE 10th		P. O. Box 1006		Board of Agriculture, Division of Water Resources	
City, State, ZIP Code : Pratt, Ks. 67124		Pratt, Ks. 67124		Application Number: 20040026	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 107 ft. ELEVATION: UNKNOWN			
		Depth(s) Groundwater Encountered 1 70 ft. 2 ft. 3 ft.			
		WELL'S STATIC WATER LEVEL 70 ft. below land surface measured on mo/day/yr 01/26/04 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 50 gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well			
Was a chemical/bacteriological sample submitted to Department? Yes <u>No</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>Yes</u> No					
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR)		5 Wrought iron 8 Concrete tile		CASING JOINTS: flued Clamped	
2 PVC 4 ABS		6 Asbestos-Cement 9 Other (specify below)		Welded	
		7 Fiberglass		Threaded	
Blank casing diameter 5 in. to 87 ft. Dia in. to ft. Dia in. to ft.					
Casing height above land surface 12 in. weight 2.8 lbs./ft. Wall thickness or gauge No. Sch. 40					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC		8 RMP (SR)		10 Asbestos-Cement	
2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS				11 Other (Specify)	
				12 None used (open hole)	
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)		6 Wire wrapped		9 Unfiled holes	
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)				ft.	
SCREEN-PERFORATED INTERVALS: From 87 ft. to 107 ft. From ft. to ft.					
GRAVEL PACK INTERVALS: From 32 ft. to 107 ft. From ft. to ft.					
8 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout intervals: From 0 ft. to 32 ft. From ft. to ft. From ft. to ft.					
What is the nearest source of possible contamination:					
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well		11 Fuel storage 15 Oil well/Gas well			
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)		3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage			
Direction from well? South How many feet? 100					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	top soil			
2	10	clay			
10	26	sand and gravel			
26	53	clay			
53	106	sand and gravel			
106	107	shale			

WATER RESOURCES
RECEIVED
JUN 11 2018
KS DEPT OF AGRICULTURE

Application for Change in Point of Diversion Appropriation of Water, File No. 32,612 Rural Water District No. 3, Barber County



Legend

- ⊕ Municipal Well
- Domestic Well
- + Section Corner

All wells of every kind within 1/2 mile of the proposed wells have been plotted.

Pat Belcher

(Signature)
CHAIRMAN OF RWD 3 BOARD

Douglas S. Helmke
LICENSED
72
OCTOBER 17, 2017
KANSAS
GEOLOGIST