

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

1. File Number: <b>39036</b>	2. Status Change Date:	3. Change Num: <b>C6</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
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: <b>1/19/2022</b>
8a. Applicant(s) New to system <input type="checkbox"/>		Person ID <b>62849</b> Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/>	
<b>SHAFER FAMILY FARMS LLC PO BOX 7602 HORSESHOE BAY, TX 78657-7602</b>				
8b. Landowner(s) New to system <input type="checkbox"/>		Person ID _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/>	
<b>8a</b>		Person ID <b>59134</b> Add Seq# _____  <b>WARREN M &amp; AMANDA R WILLIS 613 ROAD N HUGOTON, KS 67951</b>		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/2022</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>3/1/2023</b>				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter				
<input type="checkbox"/> Conservation Plan    Date Required: _____    Date Approved: _____    Date to Comply: _____				
10. Use Made of Water    From: _____    To: _____				
Date Prepared: <b>1/31/2022</b> By: <b>AM</b> Date Entered: _____    By: _____				

File No. **39036**      11. County: **SV**      Basin: **CIMARRON RIVER**      Stream:      Formation Code: **200**      Special Use:

12. Points of Diversion  
 CHK  
 MOD  
 DEL PDIV  
 ENT

Rate and Quantity

Authorized      Additional

Qualifier      S      T      R      ID      'N      'W      Comment (AKA Line)      Rate gpm      Quantity af      Rate gpm      Quantity af      Overlap PD Files

**DEL 18270**

**ENT 77749 NW NE SW 18 33S 38W 4 2513 3379 375 186 375 186 NONE**

13. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

14. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm ( \_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_

15. 5YR Allocation:      Allocation Type \_\_\_\_\_      Start Year \_\_\_\_\_      5 YR Amount \_\_\_\_\_      Amount Unit \_\_\_\_\_      Base Acres \_\_\_\_\_      Comment \_\_\_\_\_

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
<b>CHK 613</b>																									
<b>CHK 11191</b>																									
<b>CHK 13880</b>																									
<b>CHK 36124</b>																									
<b>CHK 40423</b>																									

Base Acres:      Year:      Minimum Reasonable Quantity:

Comments: **REVERTING BACK TO THE WELL PROPOSED IN 2010 CHANGE**

Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

January 31, 2022

SHAFER FAMILY FARMS LLC  
PO BOX 7602  
HORSESHOE BAY, TX 78657-7602

RE: Filed Office Application for Change  
Water Right, File No. 39036

Dear Sir or Madam:

Enclosed is the order executed by the designee of 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 an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

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

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Austin J. McColloch".

Austin J. McColloch  
Assistant Water Commissioner

AM:  
enclosures

pc: Warren M & Amanda R Willis  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

## CERTIFICATE OF SERVICE

On this 31<sup>st</sup> day of January, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 39,036 dated 31<sup>st</sup> day of January, 2022 was mailed postage prepaid, first class, US mail to the following:

SHAFER FAMILY FARMS LLC  
PO BOX 7602  
HORSESHOE BAY, TX 78657-7602

Pc:

WARREN M & AMANDA R WILLIS  
613 ROAD N  
HUGOTON, KS 67951

GROUNDWATER MANAGEMENT DISTRICT NO. 3

  
Division of Water Resources Staff

Submit completed application to:  
 Kansas Department of Agriculture  
 Division of Water Resources  
 Field Office for your area.  
 Call for address:

Topeka -- (785) 296-5733  
 Stafford -- (620) 234-5311  
 Stockton -- (785) 425-6787  
 Garden City -- (620) 276-2901  
<http://agriculture.ks.gov/dwr>

## DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



**STATE OF KANSAS**

**Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.**  
 Fee Schedule is on the third page of this application form.

**Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions.** If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

\_\_\_\_\_   
 File No. 39036

**RECEIVED**  
 1:55pm  
 JAN 19 2022

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use                       Point of Diversion

Garden City Field Office  
 Division of Water Resources

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is:                       Groundwater                       Surface water

2. Name and address of Applicant: SHAFER FAMILY FARMS LLC  
PO BOX 7602 HORSESHOE BAY TX 78657-7602

Phone Number: (713) 828-0142                      Email address: shaferllc2012@gmail.com

Name and address of Water Use Correspondent: WARREN M & AMANDA R WILLIS  
613 ROAD N HUGOTON KS 67951

Phone Number: ( )                      Email address: WAWILLIS@PLD.COM

3. The presently authorized place of use is:  
 Owner of Land --- NAME: SHAFER FAMILY FARMS LLC  
 ADDRESS: PO BOX 7602 HORSESHOE BAY TX 78657-7602

(If there is more than one landowner, attach supplemental sheets as necessary.)

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			

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:  
 Owner of Land --- NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

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				

**For Office Use Only: Code** \_\_\_\_\_ **Fee \$** 200.00 **TR #** \_\_\_\_\_ **Receipt Date** 1-19-22 **Check #** 2432

5. **Presently authorized point of diversion:**  
 One in the LOT 4 Quarter of the SW Quarter of the SW Quarter  
 of Section 18, Township 33 South, Range 38 (W),  
 in STVENS County, Kansas, 600 feet North 5240 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. 02 GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)**  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the NW Quarter of the NE Quarter of the SW Quarter  
 of Section 18, Township 33 South, Range 38 (W),  
 in STEVENS County, Kansas, 2513 feet North 3379 feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) 383'  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

6. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)**  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

7. The changes herein are desired for the following reasons?  
 (please be specific) LOSS OF PRODUCTION  
MOVE TO SAME WELL PROPOSED IN 2010 CHANGE

8. If a well, is the test hole log attached?  Yes  No

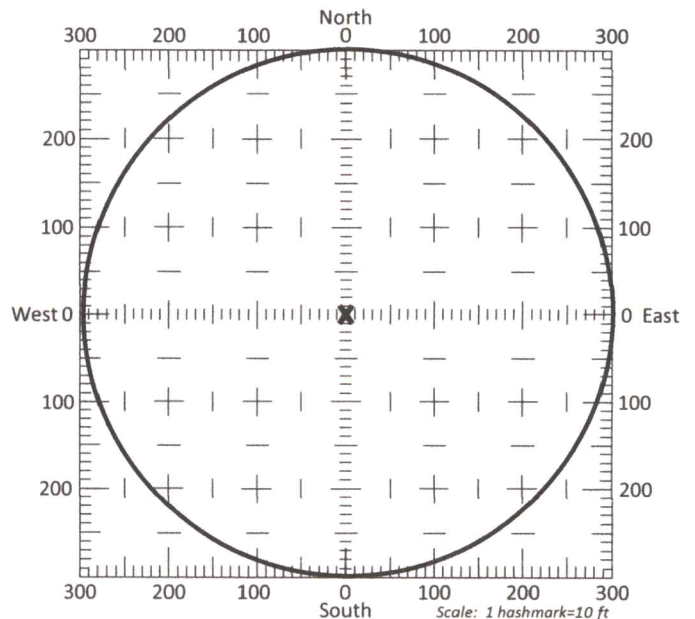
9. The change(s) (was)(will be) completed by?  
UPON APPROVAL

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
 \_\_\_\_\_  
 (b) When will this be done? \_\_\_\_\_

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by AM / GCFO

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines



13b. If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. **(PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)**

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?  
 Yes     No    (If no, all owners must sign this application.)
  - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?  
 Yes     No    (If yes, all owners must sign this application.)
  - (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?  
 Yes     No    (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Horseshoe Bay, Texas, ~~Kansas~~, this 12<sup>th</sup> day of January, 2022.

Robert J. Shafer  
 (Owner)

Donna K.M. Shafer  
 (Spouse)

ROBERT J. SHAFER  
 (Please Print)

Donna K.M. Shafer  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

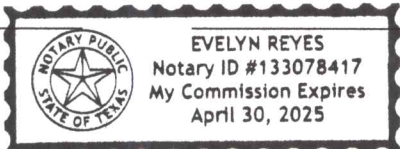
\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)



State of ~~Kansas~~ Texas }  
 County of Llano } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 12 day of January, 2022.

Evelyn Reyes  
 Notary Public

My Commission Expires April 30, 2025.

**ONLY COMPLETE APPLICATIONS WILL BE PROCESSED.** To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

**FEE SCHEDULE**

Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

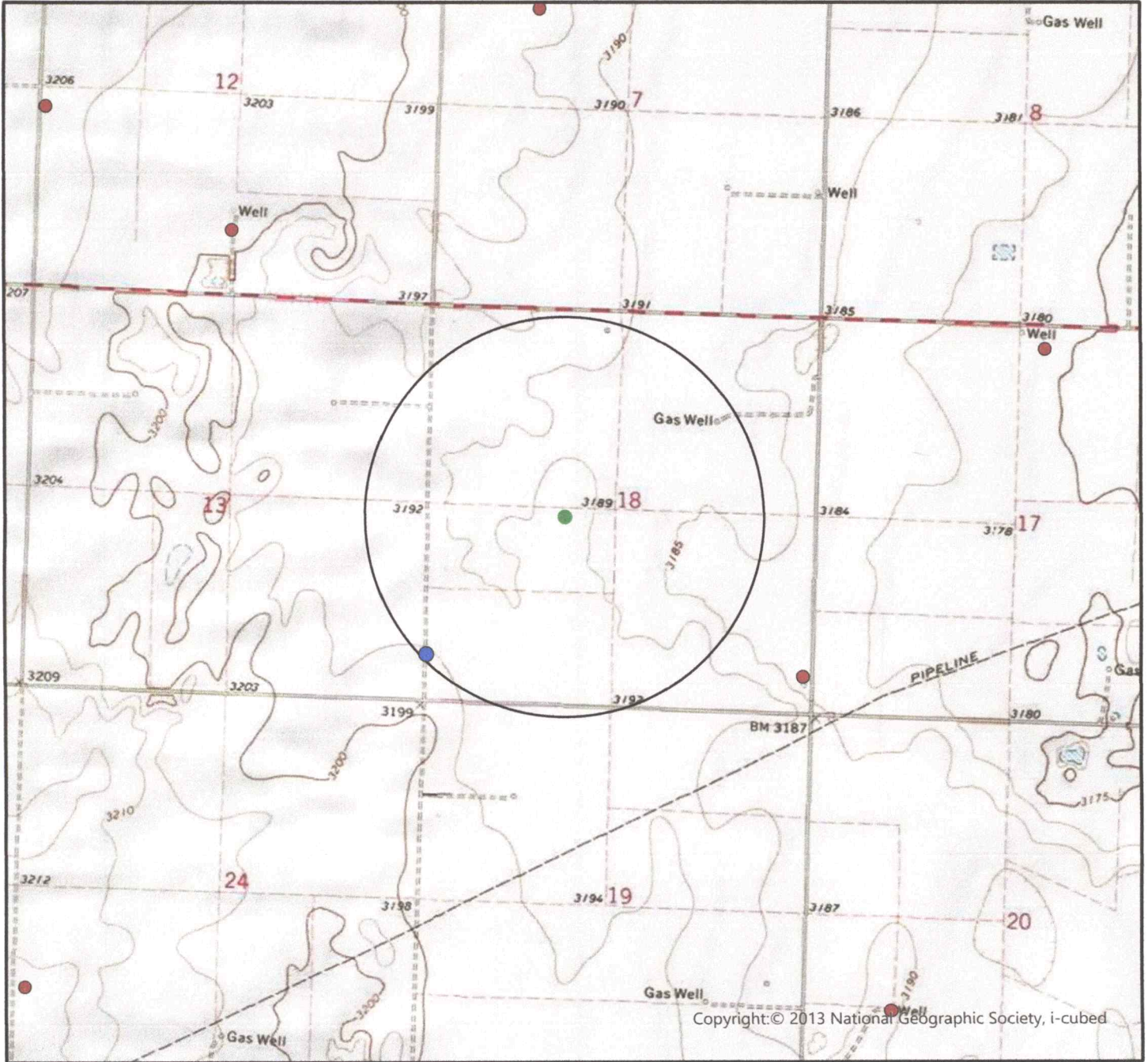
(1) Application to change a point of diversion 300 feet or less	\$100
(2) Application to change a point of diversion more than 300 feet	\$200
(3) Application to change the place of use	\$200





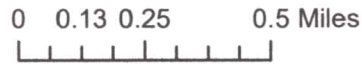
# CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 39036

SW1/4 of Section 18 Township 33 South Range 38 West Stevens County



Copyright: © 2013 National Geographic Society, i-cubed

	Authorized Point of Diversion
	Proposed Point of Diversion
	Permitted Water Right
	Domestic Well within 1/2 mile
	1/2 mile buffer



List of owner name and addresses within 1/2 mile:

By signing below I agree that all wells, including domestic, and owners names and addresses within 1/2 mile of the proposed point of diversion have been shown on the map

*Robert J. Schep* 1-12-2022

(Signature)

Date

AM/GCFO  
1:24,000 Scale

JAN

39,036  
2513' N 3329' W

# Henkle

DRILLING & SUPPLY CO., INC.

3795 W. Jones Ave.  
620-277-2389  
FAX 620-277-0224

A Hydro Resources Company  
BOB SHAFER CELL 713-828-0142  
WARREN WILLIS CELL 620-428-1063

P.O. Box 639  
GARDEN CITY, KS 67846

CUSTOMER'S NAME DR. BOB SHAFER DATE 1-13-10  
 STREET ADDRESS P.O. Box 7602 TEST # 1 E. LOG No \_\_\_\_\_  
 CITY & STATE HORSESHOE BAY, TEXAS 78657 DRILLER Dale Guinn  
 COUNTY Stevens QUARTER SW SECTION 18 TOWNSHIP 33 RANGE 39  
 RIG # 37 WO 4503 MDCR00185 (J)  
 LOCATION GPS N37.17690 W101.49463  
641' West + 250' South of Pivot Trailer # 106

## WELL LOCATION

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>147'</u>
	From	Pay	To		Proposed Well Depth: <u>383'</u>
	0		2	Top Soil	
	2		14	Brown sandy clay	
	14		39	Fine sand w/couple clay ledges	
	39		48	Sand fine to med course small med couple large gravel	
	48		67	Sand fine to med course - cemented -	
	67		118	Brown sandy clay w/some cemented sand strips + lime rock	
	118		132	Brown sandy clay - sluffy -	
5	132	3	150	Fine sand w/many clay ledges + lime rock strips -	
	150		200	Brown sandy clay w/couple sand strips - sluffy -	
	200		241	Brown sandy clay w/few lime rock strips - sluffy -	
5	241	9	250	Brown sandy clay w/few small sand strips	
10	250	45	295	Sand fine to med w/few clay stringers	
25	295	21	316	Sand fine to med course w/brown + tan rock	
	316		317	Yellow soap stone	
5	317	61	378	Sand stone w/few soap stone	
	378		400	Red Bed	

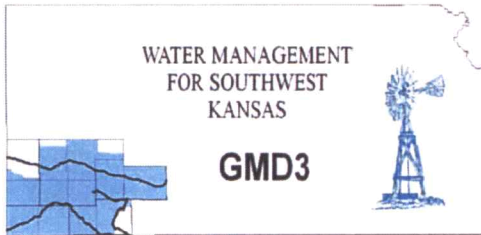
WATER RESOURCES RECEIVED

JUN 29 2010

KS DEPT OF AGRICULTURE

Max Gel -2  
 Grout -4  
 Hole Plug -4  
 Perma Plug -1

39,036 #2  
 SCANNED



Southwest Kansas  
Groundwater Management District No. 3  
2009 E. Spruce Street  
Garden City, Kansas 67846  
(620) 275-7147 phone (620) 275-1431 fax  
www.gmd3.org

January 28, 2022

RECEIVED

JAN 28 2022

Austin McColloch  
Division of Water Resources  
4532 W Jones Ave., Suite B  
Garden City, Kansas 67846

Garden City Field Office  
Division of Water Resources

RE: Application for Change in Point of Diversion  
Water Right, File No. 39036

Dear Austin:

We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the draft revised management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft with saturated thickness greater than 200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed further evaluation. No critical wells were determined in the area. Therefore, GMD3 sees this move as meeting current rules and would recommend approval with possible limitations or better information given to ensure that neighboring wells are not adversely affected. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jason L. Norquest  
Assistant Manager

## GMD3 Change Review

---

File No(s): 39036 . DWR office: GC.

App filed to change: PD .

Is Landowner(s) correct in WRIS: Shafer Family Farms LLC .

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS?    .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) 02 being changed.

	ft. North	ft. West	
Authorized PD	600	5240	Sect 18-33-38
Proposed PD	2513	3379	
Difference	-1913 n	1861 e	
$a^2 + b^2 = c^2$	3659569	3463321	2668.874 foot move NE

GPS for proposed PD: Lat: 37.17690 Long: -101.49463 .

Is proposed PD stacking on existing WRs? NO .

Is Proposed PU overlapping existing WRs? No Change .

Neighboring certified well(s) notified:    .

Name wells in the area under same management .

Address    .

Zip    .

Email:    Phone:    .

Domestic well(s) notified: None found in our search .

Name    .

Address    .

Zip    .

Base Acres:    .

Perfected Acres:    .

Irr. Return-Flow    %

**39036 authorized: 186AF @ 375gpm.**

**150gpm reported in 2021 WUR.**

**GPS shows the move to be less than half mile.**

Is a waiver needed: Move appears to be less than half mile according to GPS, minimum spacing met to neighboring wells. Neighboring wells under same management as application. Analysis shows minimal effects in area and no critical wells.

Recommendation: After review of all available information, it appears current area rules are met. Staff therefore recommends approval of the application.



Water Rights and Points of Diversion Within 1 mile of point defined as:

2513 Feet N and 3379 Feet W of the Southeast Corner of Section 18 Twp 33S Rng 38W

Located at: 101.495066 West Longitude and 37.176925 North Latitude

Both SURFACE WATER and GROUNDWATER

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 13630	00	IRR	NK	G	3839	--	SE	SE	SE	475	120	18	33	38W	3	320.00	320.00	
<i>AF</i>																		
A__ 19827	00	IRR	NK	G	3839	--	SE	SE	SE	475	120	18	33	38W	3	320.00	320.00	
<i>AF</i>																		
A__ 39036	00	IRR	NK	G*	2618	--	--	--	--	600	5240	18	33	38W	2	186.00	186.00	
<i>AF</i>																		
T__ 20177125	MF	IRR	GY	G	2618	--	--	--	--	600	5240	18	33	38W	2	930.00	.00	
<i>AF</i>																		
T__ 20227047	MF	IRR	AY	G	2618	--	--	--	--	600	5240	18	33	38W	2	930.00	.00	
<i>AF</i>																		

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	826.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	826.00	.00

*Spacing Met.*

An \* after the source of supply indicates a pending application for change under the file number.  
An \* after the ID indicates a 15 AF exemption was granted under the file number.

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

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

Water Rights and Points of Diversion Within 1 mile of point defined as:

2513 Feet North and 3379 Feet West of the Southeast Corner of Section 18 Twp 33S Rng 38W

Located at: 101.495066 West Longitude and 37.176925 North Latitude

Both SURFACE WATER and GROUNDWATER

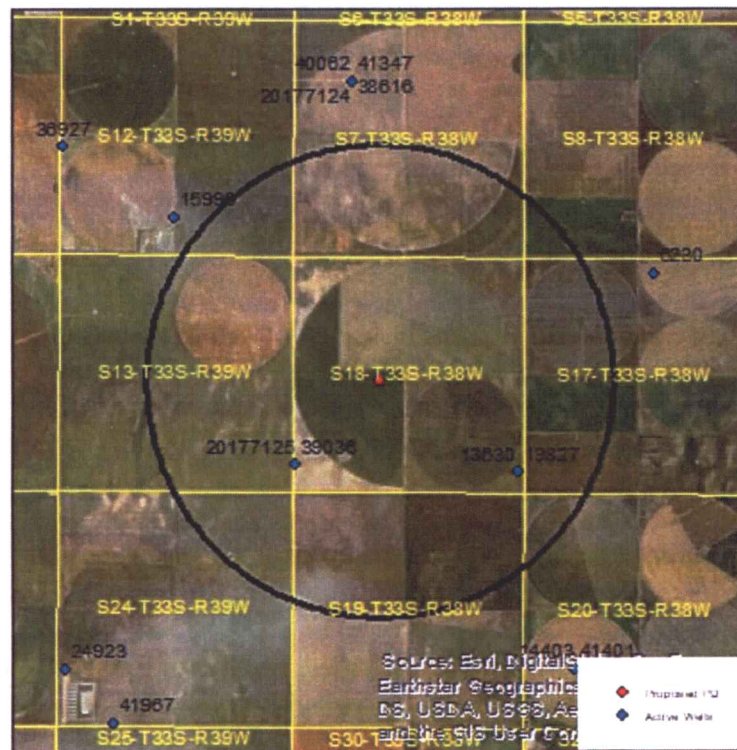
WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
> WARREN M & AMANDA R WILLIS			
>			
> 613 ROAD N			
> HUGOTON KS 67951			
>-----			
> WARREN M & AMANDA R WILLIS			
>			
> 613 ROAD N			
> HUGOTON KS 67951			
>-----			
> WARREN M & AMANDA R WILLIS			
>			
> 613 ROAD N			
> HUGOTON KS 67951			
>-----			
> WARREN M & AMANDA R WILLIS			
>			
> 613 ROAD N			
> HUGOTON KS 67951			
>-----			
> WARREN M & AMANDA R WILLIS			
>			
> 613 ROAD N			

*Neighboring WRs under  
Same owner.*

## Evaluation of proposed move for Water Right No. 39036

Proposed: Move water right no. 39036 a distance of 2,669 ft to the northeast.



Wells within 1 mile: 13630 & 19827

The saturated thickness at the proposed well location is estimated to be 218 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

**50 year Theis Analysis:** The following values were used to run the analysis:

$S = 0.2631$ ,  $T = 9909.5 \text{ ft}^2/\text{day}$ ,  $t_{p\text{current}} = 95 \text{ days}$  (based on average use and observed rate),  
 $Q_{\text{current}} = 172 \text{ gpm}$  (based on 2014 field inspection),  $t_{p\text{proposed}} = 112 \text{ days}$ ,  $Q_{\text{proposed}} = 375 \text{ gpm}$

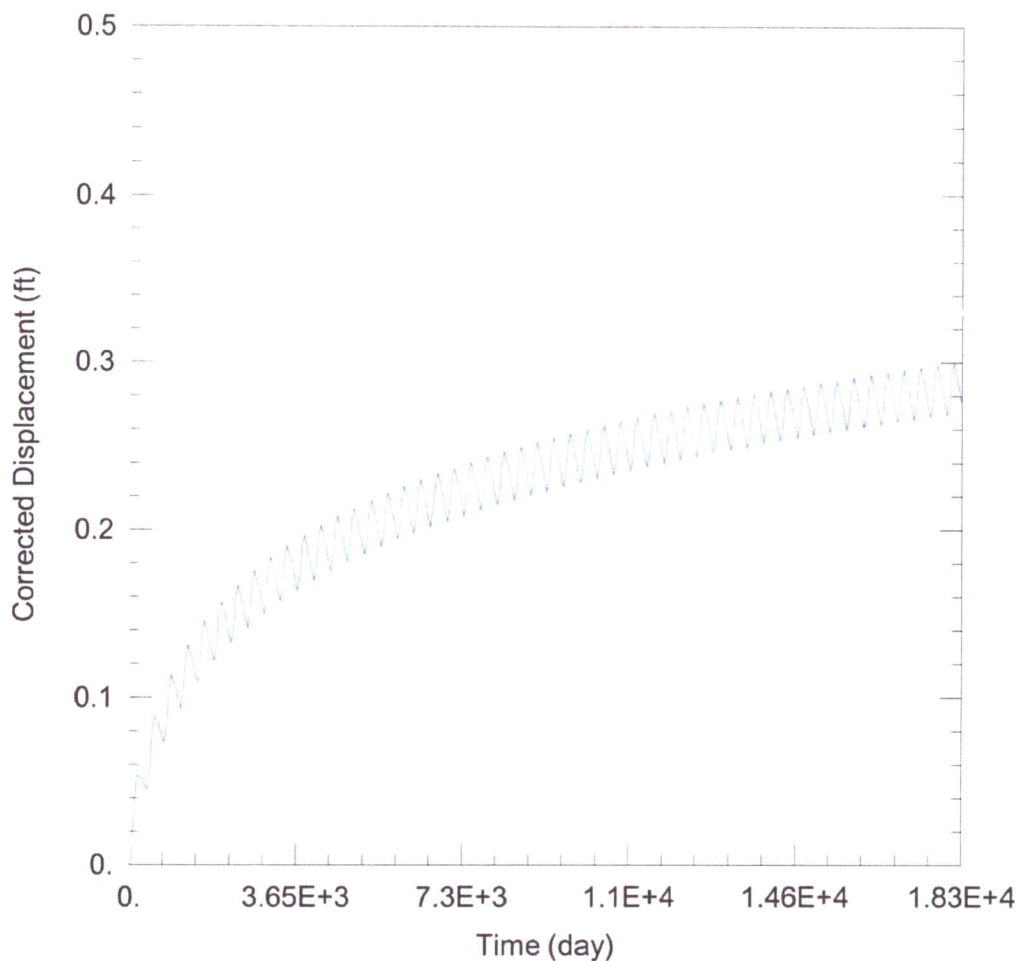
These drawdowns were calculated as follows:

13630 & 19827:            Drawdown from current location = 0.30 ft  
                                 Drawdown from proposed location = 0.93 ft  
                                 Net drawdown = **0.6 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

### Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\39036\39036 Current.aqt  
 Date: 01/27/22 Time: 09:17:33

PROJECT INFORMATION

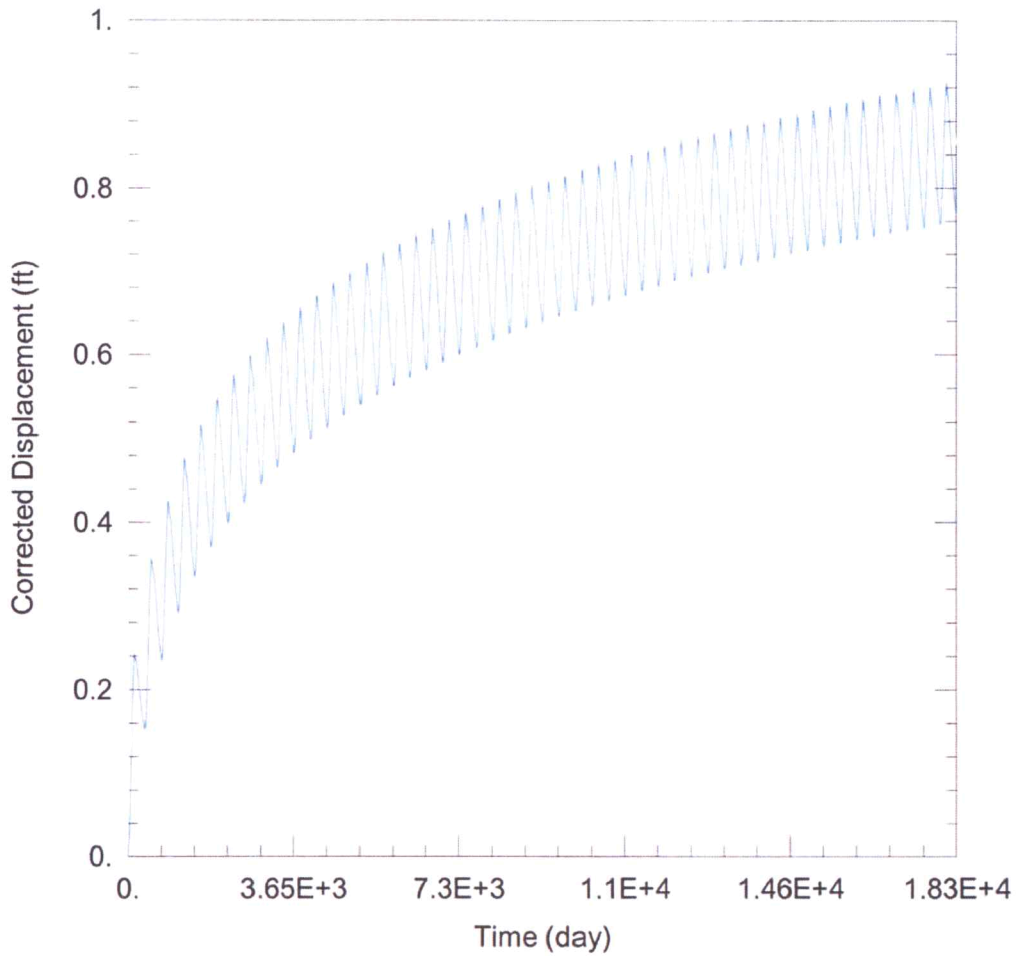
Company: GMD 3  
 Project: 39036  
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
39036	-204446	108785	□	-204446	108785
			□	13630 & 19827	-199435 108617

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Theis</u>
T = <u>9909.5 ft<sup>2</sup>/day</u>	S = <u>0.2631</u>
Kz/Kr = <u>1.</u>	b = <u>218. ft</u>



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\39036\39036 Proposed.aqt  
 Date: 01/27/22 Time: 09:17:27

PROJECT INFORMATION

Company: GMD 3  
 Project: 39036  
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
39036	-202547	110668	□	-202547	110668
			□	13630 & 19827	108617

SOLUTION

Aquifer Model: Unconfined  
 T = 9909.5 ft<sup>2</sup>/day  
 Kz/Kr = 1.

Solution Method: Theis  
 S = 0.2631  
 b = 218. ft



Garden City Field Office  
4532 W. Jones, Suite B  
Garden City, KS 67846



Phone: 620-276-2901  
Fax: 620-276-9315  
[www.agriculture.ks.gov](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

January 21, 2022

GROUNDWATER MANAGEMENT DISTRICT #3  
2009 E SPRUCE ST  
GARDEN CITY KS 67846

Re: Request for Recommendation,  
File Nos. 39036

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Shafer Family Farms LLC and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

A handwritten signature in blue ink, appearing to read "Austin McColloch".

Austin McColloch  
Assistant Water Commissioner

Enclosure  
pc: