

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

1. File Number: <b>22574</b>	2. Status Change Date: <b>3-5-19</b>	3. Change Num: <b>C1</b>	4. Field Office: <b>04</b>	5. GMD: <b>03</b>
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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: <b>2/18/2019</b>
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8a. Applicant, Landowner New to system <input type="checkbox"/>  <b>TRI-STONE FARMS INC</b> <b>10925 S SANDHILL RD</b> <b>GARDEN CITY KS 67846</b>	Person ID <b>26031</b> Add Seq# <b>1</b>  8c. WUC New to system <input type="checkbox"/>  <b>8a</b>
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8b. Landowner(s) New to system <input type="checkbox"/>  <b>STEVEN &amp; RHONDA STONE</b> <b>10925 S SANDHILL RD</b> <b>GARDEN CITY KS 67846</b>	Person ID <b>33882</b> Add Seq# _____  8d. WUC New to system <input type="checkbox"/>  Person ID _____ Add Seq# _____
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9. Documents and Enclosure(s):  DWR Meter(s) Date to Comply: **12/31/19**     N & P Date to Comply: **12/31/2019**

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: **3/5/2019**    By: **AM**  
 Date Entered: \_\_\_\_\_    By: \_\_\_\_\_



Garden City Field Office  
2508 Johns Street  
Garden City, KS 67846-2804



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

March 5, 2019

STEVEN & RHONDA STONE  
10925 S SANDHILL RD  
GARDEN CITY KS 67846

RE: Water Right, File No. 22574

Dear Sir and Madam:

Enclosed is an 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 acceptable water flowmeter 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 this 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 to call this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Meyer".

Michael A. Meyer  
Water Commissioner

MAM:  
enclosures  
pc:

TRI-STONE FARMS INC  
10925 S SANDHILL RD  
GARDEN CITY KS 67846

GROUNDWATER MANAGEMENT DISTRICT NO. 3

## CERTIFICATE OF SERVICE

On this 5<sup>th</sup> day of March, 2019, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 22,574, dated 5<sup>th</sup> day of March, 2019 was mailed postage prepaid, first class, US mail to the following:

STEVEN & RHONDA STONE  
10925 S SANDHILL RD  
GARDEN CITY KS 67846

With photocopies to:

TRI-STONE FARMS INC  
10925 S SANDHILL RD  
GARDEN CITY KS 67846

GROUNDWATER MANAGEMENT DISTRICT NO. 3

  
\_\_\_\_\_  
Julie Jones  
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. 22574

**RECEIVED**  
 3:50pm  
**FEB 18 2019**

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

Place of Use                       Point of Diversion

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

**Garden City Field Office  
 Division of Water Resources**

2. Name and address of Applicant: \_\_\_\_\_

Phone Number: (     ) \_\_\_\_\_ Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: TRI-STONE FARMS INC  
10925 S SANDHILL RD GARDEN CITY KS 67846

Phone Number: (     ) \_\_\_\_\_ Email address: \_\_\_\_\_

3. The presently authorized place of use is:

Owner of Land ---- NAME: STEVEN & RHONDA STONE - NO CHANGE

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	

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 2-18-19 Check # 6527



5. **Presently authorized point of diversion:**

One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ NC Quarter of the \_\_\_\_\_ NW Quarter of Section \_\_\_\_\_ 29 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 33 \_\_\_\_\_ (W), in FINNEY \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 3985 feet North \_\_\_\_\_ 3960 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 \_\_\_\_\_ SW Quarter of the \_\_\_\_\_ SW Quarter of the \_\_\_\_\_ NW Quarter of Section \_\_\_\_\_ 29 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 33 \_\_\_\_\_ (W), in FINNEY \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 3133 feet North \_\_\_\_\_ 4924 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 \_\_\_\_\_

6. **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 \_\_\_\_\_ 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 \_\_\_\_\_ (E/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) REPLACE EXISTING WELL

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

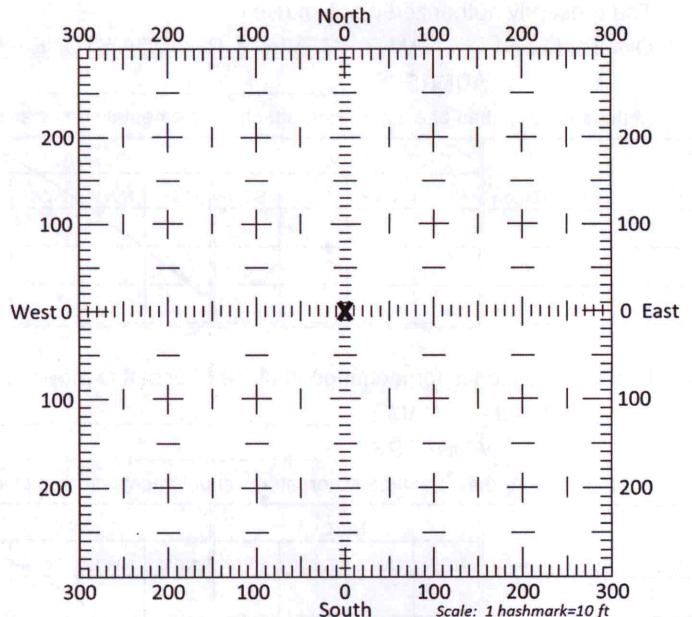
9. The change(s) (was)(will be) completed by?  
UPON APPROVAL

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

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 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (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 GARDEN CITY, Kansas, this 18TH day of FEB, 20 19.

Steve Stone  
 (Owner)

Shonda Stone  
 (Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

State of Kansas }  
 County of FINNEY } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 18TH day of FEB, 20 19.



Catherine Reinert  
 Notary Public

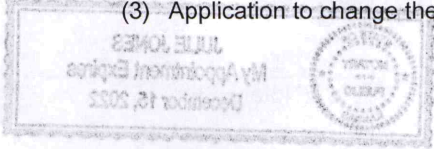
My Commission Expires 9-14-22

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





**SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS**

This Summary Order is issued under authority of K.S.A. 82a-708b, as amended, and K.A.R. 5-5-1, *et seq.* and other applicable provisions of the *Kansas Water Appropriation Law*, K.S.A. 82a-701 *et seq.*, and rules and regulations promulgated thereunder, With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 22574.

1. A change application was received on February 18, 2019 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use.  Applicable  Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion.  Applicable  Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application.  Applicable  Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than \_\_\_\_\_ feet from the previously authorized point(s) of diversion.  Applicable  Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13.  Applicable  Not Applicable
7. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2019**, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year.  
 Applicable  Not Applicable
8. **Installation of the works for diversion of water shall be completed on or before December 31, 2019**, or within any authorized extension of time. By March 1, 2020 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e.  
 Applicable  Not Applicable
9. **The completed well log shall be submitted with the required notice.**  Applicable  Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c.  Applicable  Not Applicable
11. Additional Conditions are attached.  Yes  No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

**Administrative Appeal and Effective Date of Order**

If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502**. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

*For Use by Register of Deeds*

FOR OFFICE USE ONLY  
**APPLICATION APPROVED AND  
SUMMARY ORDER ISSUED**

By: Michael A. Meyer  
Duly Authorized Designee of the Chief Engineer

(Print Name): MICHAEL A. MEYER  
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: March 5, 2019

State of Kansas )

County of Stinson ) SS

Acknowledged before me on March 5, 2019

by Michael A. Meyer

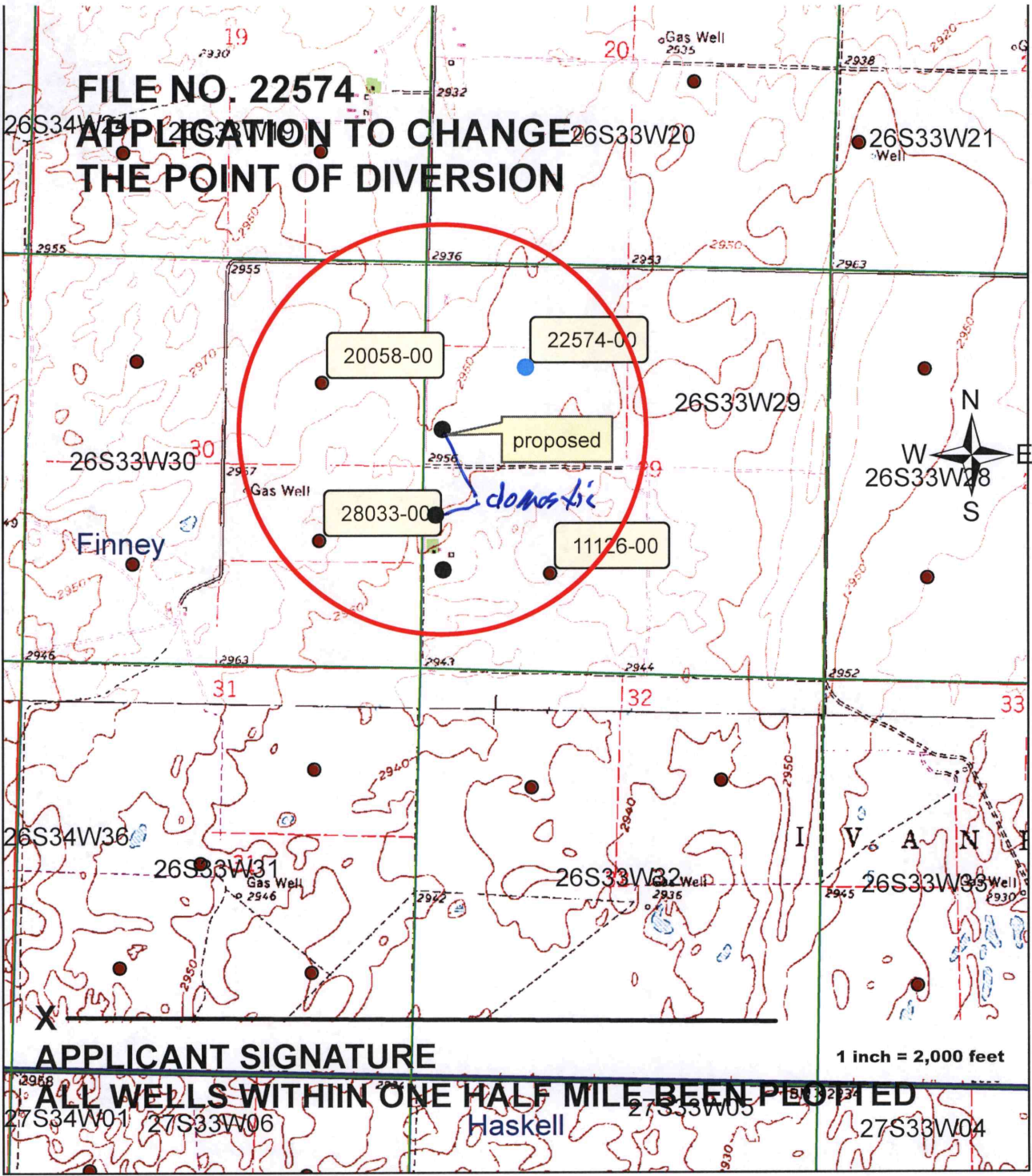
Signature: Julie Jones

My commission expires: \_\_\_\_\_





**FILE NO. 22574**  
**APPLICATION TO CHANGE**  
**THE POINT OF DIVERSION**



**APPLICANT SIGNATURE**

**ALL WELLS WITHIN ONE HALF MILE BEEN PLOTTED**



3795 W. Jones Ave.  
 Garden City, KS 67846  
 PH: 620-277-2389



PO Box 639  
 Garden City, KS 67846  
 Fax: 620-277-0224

STEVE STONE CELL 620-287-3422

Customer Name: Tri Stone Farms - STEVE STONE WO#: 15053 Date: 2-14-19  
 Street Address: 10925 S. SANDHILL ROAD Test #: 1 E LOG: Yes  
 City, State: GARDEN CITY KS. 67846 Driller: Dale Guinn  
 County: Finney Quarter: NW Section: 29 Township: 26 Range: 33  
 Location: GPS: N37.75991 W100.96111  
 Rig #: 10002 Elevation: 2933' Static WL: Appx 290' Estimated?           
 Proposed Well Depth 641

WELL LOCATION 20 Sump

%	Footage		To	Description of Strata
	From	Pay		
	0		2	Top Soil
	2		21	Brown Sandy Clay
	21		40	Fine Sand
	40		46	Brown sandy clay w/ lime rock
	46		120	Sand fine to med course small med large gravel
	120		161	Sand fine to med course small gravel
	161		174	Sand fine to med course w/ many clay ledges
	174		217	Sand fine to med course small gravel
	217		240	Brown Sandy Clay w/ couple sand strips
	240		262	Brown & Blue clay
	262		295	Blue Clay
25	295	36	331	Sand fine to med course small gravel
	331		340	Brown Sandy Clay
25	340	8	348	Sand fine to med course
	348		357	Brown sandy clay
25	357	23	380	Sand fine to med course w/ couple clay ledges
10	380	29	409	Fine Sand w/ some clay stringers
5	409	26	435	Brown sandy clay w/ some fine sand ledges
	435		459	Brown sandy clay w/ few fine sand strips
15	459	20	479	Fine Sand w/ few clay stringers
30	479	19	498	Sand fine to med course w/ brown rock
	498		510	Brown sandy w/ couple sand ledges
20	510	15	525	Fine sand w/ small brown rock mixed
	525		537	Soapstone w/ few sandstone strips
15	537	23	560	Sandstone - used some water -
	560		600	Gray Shale - Hard In Places -
10	600	21	621	Sandstone
	621		638	Shale & few sandstone strips
	638		666	Shale
				Super Gel X -6
				Grout -5
				Bent. Plug 3/4 -2
				Perma Plug -1
				4 3/4 Drag Blade -1



100.96667° W

100.95000° W

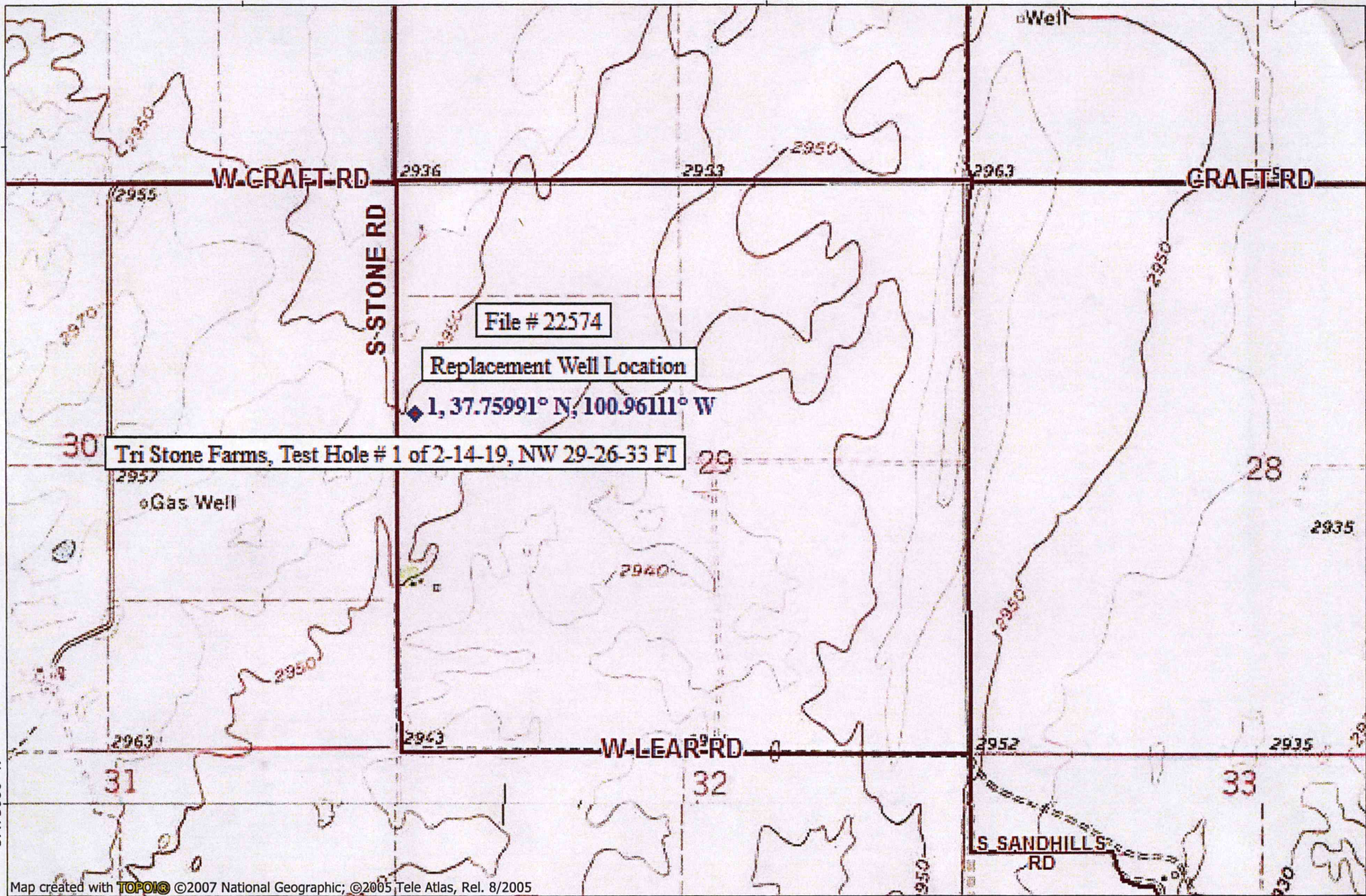
NAD27 100.93333° W

37.76667° N

37.76667° N

37.75000° N

37.75000° N



Tri Stone Farms, Test Hole # 1 of 2-14-19, NW 29-26-33 FI

File # 22574

Replacement Well Location

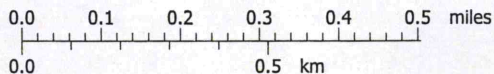
1, 37.75991° N, 100.96111° W

Map created with TOPO! © 2007 National Geographic; © 2005 Tele Atlas, Rel. 8/2005

100.96667° W

100.95000° W

NAD27 100.93333° W



TN MN  
5 1/2°

02/15/19





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

March 1, 2019

Michael A. Meyer  
Division of Water Resources  
2508 N Johns Street  
Garden City, Kansas 67846

RE: Application for Change in Point of Diversion  
Water Right, File Nos. 22574

Dear Mike:

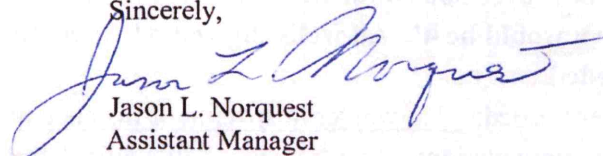
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

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 the applicant. 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 ft in cases where saturated thickness is greater than 200 ft), 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 in no case did the net effect on neighboring wells exceed the 4.0 ft maximum allowable threshold. Therefore, GMD3 sees this move as reasonable and unlikely to impair neighboring wells. It is therefore recommended that the applications be approved.

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

RECEIVED

MAR 01 2019

Garden City Field Office  
Division of Water Resources



## GMD3 Change Review

File No(s): 22574.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Steve Stone.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? Yes.

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	3985	3960	Sect 29-26-33
Proposed PD	3133	4924	
Difference	852 s	-964 w	
$a^2 + b^2 = c^2$	725904	929296	1286.546 foot move SW

GPS for proposed PD: Lat: 37.75991 Long: -100.96111.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Land Owner(s) notified:    .

Name    . Name    .

Address    . Address    .

Zip    . Zip    .

Neighboring certified well(s) notified:    .

Name    . Name    .

Address    . Address    .

Zip    . Zip    .

Domestic well(s) notified:    .

Name    . Name    .

Address    . Address    .

Zip    . Zip    .

Base Acres:    .

Perfected Acres:    .

Irr. Return-Flow    %

**Minimum spacing to neighboring wells is met.**

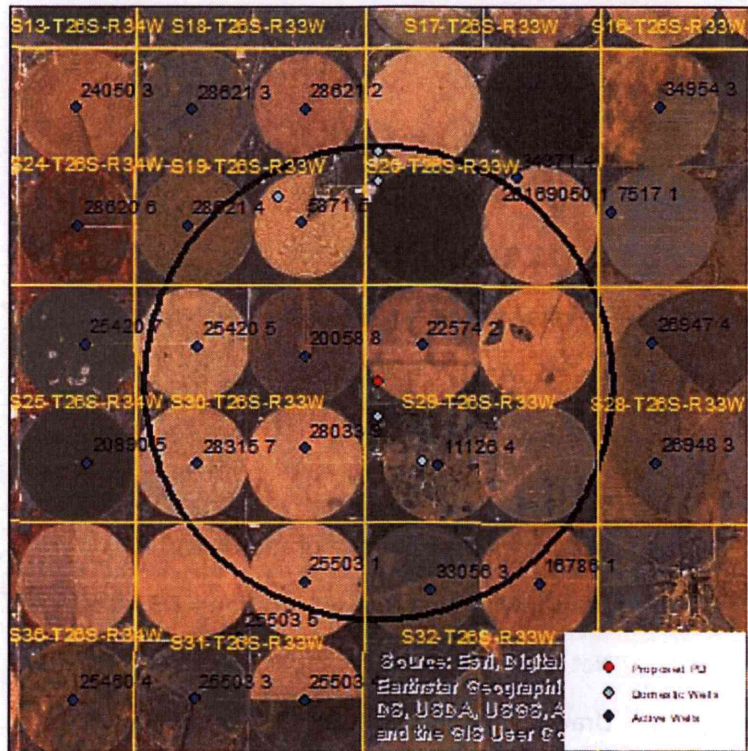
**Models show over 300' saturated thickness in the area so maximum allowable drawdown would be 4'. All wells showed <4' so no further analysis was determined to be needed.**

Is a waiver needed: No waiver to spacing or distance moved.

Final Recommendation: After review of all available information, it appears that current area rules are met. Well analysis showed that the proposed move would have less than 4' effect on neighboring wells and none were noted as critical.

**Evaluation of proposed move for Water Right No 22574**

Proposed: Move the well authorized under water right no. 22574 1296 ft to the southwest.



Wells within 1 mile: 11126, 33056, 25503, 28033, 28315, 25420, 20058, 5871, a domestic well in the northwest ¼ of the southwest ¼ of section 19-26-33, a domestic well in the center of the southwest ¼ of section 19-26-33, a domestic well in the southwest ¼ of section 20-26-33, a domestic well in the northwest ¼ of section 20-26-33, and a domestic well in section 19-26-33.

The saturated thickness at the proposed well location is estimated to be 331 ft, based upon the driller’s log at the proposed well location from February 14, 2019. For saturated thicknesses greater than 200 ft, the maximum allowable Theis drawdown to neighboring critical wells is 4.0 ft.

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

$S = 0.1469$ ,  $T = 9542 \text{ ft}^2/\text{day}$ ,  $tp_{\text{current}} = 118 \text{ days}$  (based upon reported quantity and observed rate at 2015 inspection),  $Q_{\text{current}} = 296 \text{ gpm}$  (observed at 2015 inspection),  $tp_{\text{proposed}} = 78 \text{ days}$ ,  $Q_{\text{proposed}} = 750 \text{ gpm}$ . Wells were given the following X-Y coordinates:

- 22574 (Current PD): X = -45,729 ft, Y = 323,093 ft
- 22574 (Proposed PD): X = -46,744 ft, Y = 322,243 ft
- 11126: X = -45,372 ft, Y = 320,419 ft
- 33056: X = -45,564 ft, Y = 317,635 ft
- 25503: X = -48,417 ft, Y = 317,813 ft

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28033: X = -48,390 ft, Y = 320,803 ft  
28315: X = -50,817 ft, Y = 320,446 ft  
25420: X = -50,817 ft, Y = 323,066 ft  
20058: X = -48,403 ft, Y = 322,832 ft  
5871: X = -48,472 ft, Y = 325,836 ft  
Domestic NW SW 29-26-33: X = -46,744 ft, Y = 321,488 ft  
Domestic C SW 29-26-33: X = -45,756 ft, Y = 320,487 ft  
Domestic SW 20-26-33: X = -46,758 ft, Y = 326,741 ft  
Domestic NW 20-26-33: X = -46,744 ft, Y = 327,399 ft  
Domestic 19-26-33: X = -49,007 ft, Y = 326,412 ft

These drawdowns were calculated as follows:

11126: Drawdown from current location = 1.17 ft  
Drawdown from proposed location = 2.33 ft  
Net drawdown = **1.2 ft**

33056: Drawdown from current location = 0.74 ft  
Drawdown from proposed location = 1.38 ft  
Net drawdown = **0.6 ft**

25503: Drawdown from current location = 0.70 ft  
Drawdown from proposed location = 1.38 ft  
Net drawdown = **0.7 ft**

28033: Drawdown from current location = 0.99 ft  
Drawdown from proposed location = 2.41 ft  
Net drawdown = **1.4 ft**

28315: Drawdown from current location = 0.72 ft  
Drawdown from proposed location = 1.44 ft  
Net drawdown = **0.7 ft**

25420: Drawdown from current location = 0.78 ft  
Drawdown from proposed location = 1.51 ft  
Net drawdown = **0.7 ft**

20058: Drawdown from current location = 1.17 ft  
Drawdown from proposed location = 2.84 ft  
Net drawdown = **1.7 ft**

5871: Drawdown from current location = 0.92 ft  
Drawdown from proposed location = 1.55 ft  
Net drawdown = **0.6 ft**

Domestic NW SW 29-26-33: Drawdown from current location = 1.44 ft  
Drawdown from proposed location = 4.75 ft  
Net drawdown = **3.3 ft**

Domestic C SW 29-26-33: Drawdown from current location = 1.19 ft  
Drawdown from proposed location = 2.57 ft  
Net drawdown = **1.4 ft**

Domestic SW 20-26-33: Drawdown from current location = 0.93 ft  
Drawdown from proposed location = 1.43 ft  
Net drawdown = **0.5 ft**

Domestic NW 20-26-33: Drawdown from current location = 0.85 ft  
Drawdown from proposed location = 1.30 ft  
Net drawdown = **0.5 ft**

Domestic 19-26-33: Drawdown from current location = 0.82 ft  
Drawdown from proposed location = 1.38 ft  
Net drawdown = **0.6 ft**

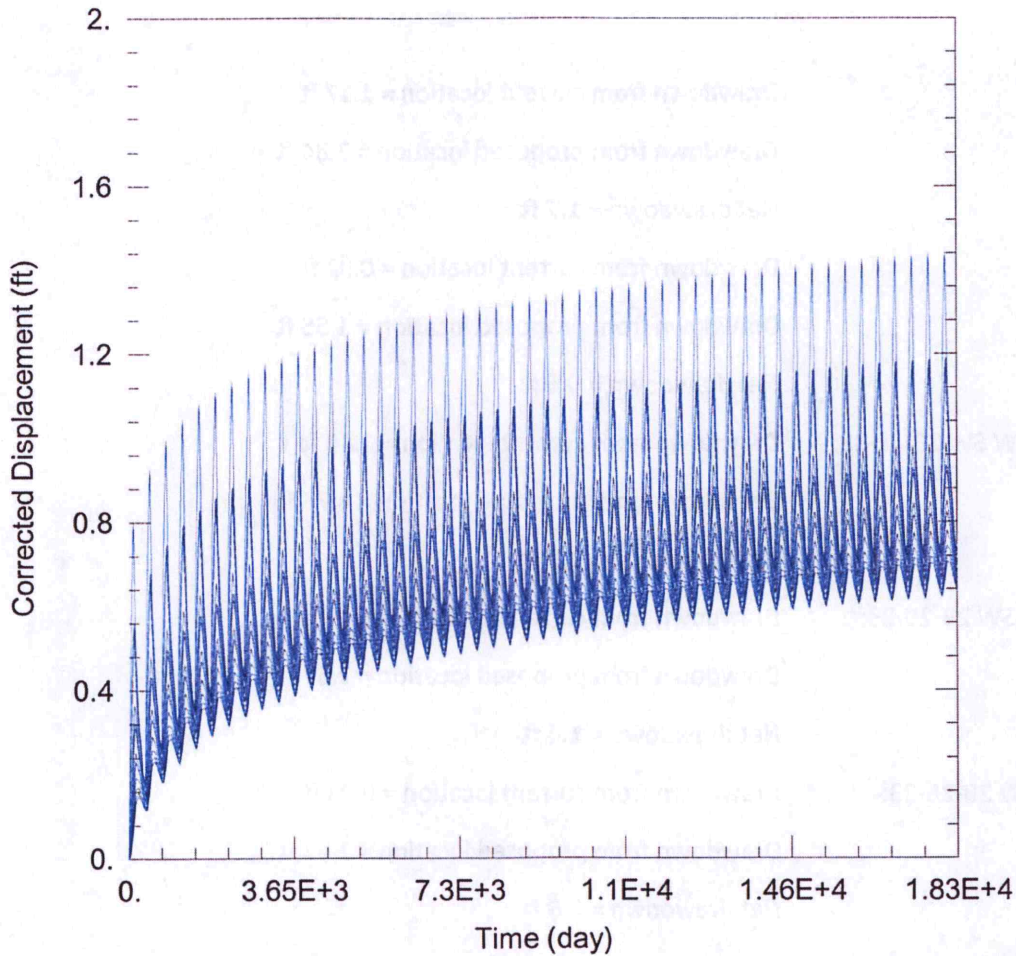
Net drawdown does not exceed 4.0 ft on any of the neighboring wells, so critical well evaluation is not necessary.

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**WELL TEST ANALYSIS**

Data Set: C:\Users\trevora\Documents\2019\_moves\22574\22574 Current.aqt

Date: 02/28/19

Time: 11:54:25

**PROJECT INFORMATION**

Company: GMD 3  
 Client: Steve Stone  
 Project: 22574  
 Location: Finney County  
 Test Well: 22574

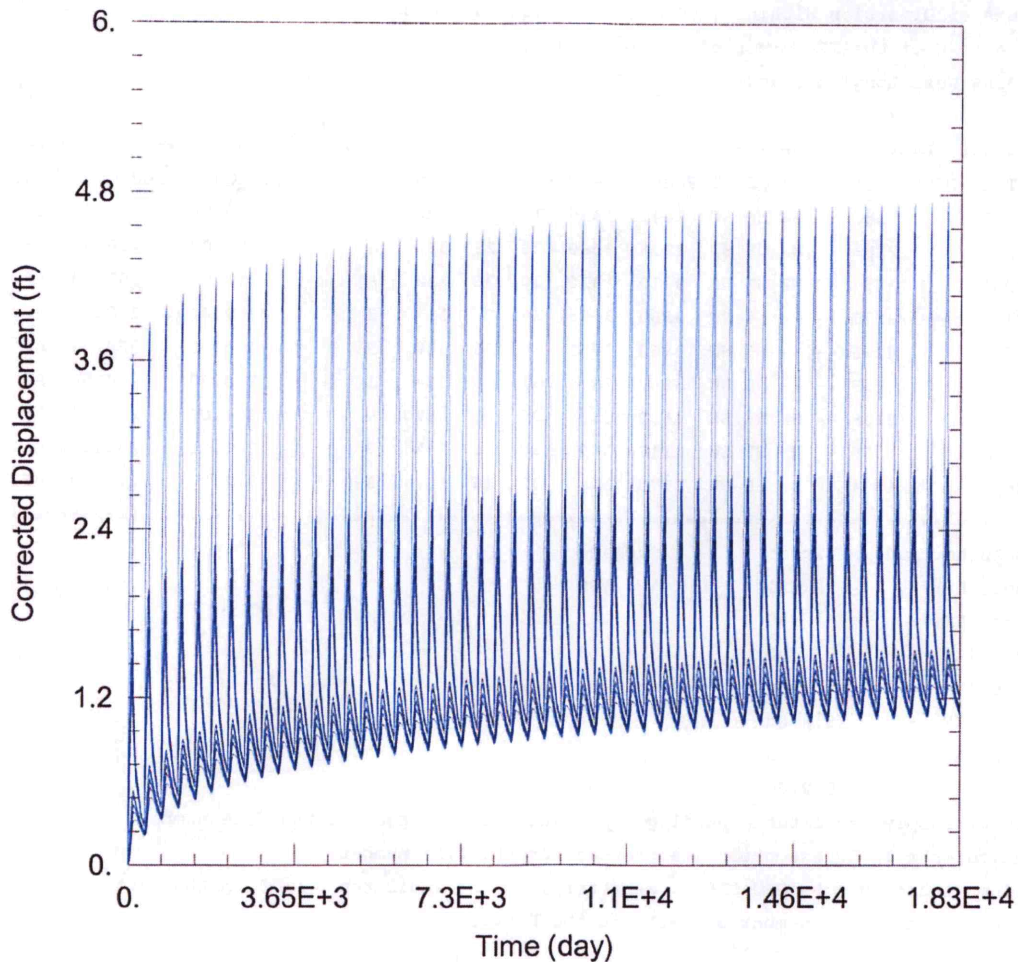
**WELL DATA**

**Pumping Wells**

Well Name	X (ft)	Y (ft)
22574	-45729	323093

**Observation Wells**

Well Name	X (ft)	Y (ft)
□	-45729	323093
□ 11126	-45372	320419
□ 33056	-45564	317635
□ 25503	-48417	317813
□ 28033	-48390	320803
□ 28315	-50817	320446
□ 25420	-50817	323066
□ 20058	-48403	322832
□ 5871	-48472	325836
□ Domestic NW SW 29-26-33	-46744	321488
□ Domestic C SW 29-26-33	-45756	320487
□ Domestic SW 20-26-33	-46758	326741



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2019\_moves\22574\22574 Proposed.aqt

Date: 02/28/19

Time: 11:54:18

PROJECT INFORMATION

Company: GMD 3  
 Client: Steve Stone  
 Project: 22574  
 Location: Finney County  
 Test Well: 22574

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
22574	-46744	322243

Observation Wells

Well Name	X (ft)	Y (ft)
□	-46744	322243
□ 11126	-45372	320419
□ 33056	-45564	317635
□ 25503	-48417	317813
□ 28033	-48390	320803
□ 28315	-50817	320446
□ 25420	-50817	323066
□ 20058	-48403	322832
□ 5871	-48472	325836
□ Domestic NW SW 29-26-33	-46744	321488
□ Domestic C SW 29-26-33	-45756	320487
□ Domestic SW 20-26-33	-46758	326741

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Water Rights and Points of Diversion Within 1.00 miles of point defined as:

3133 ft N and 4924 ft W of the SE Corner of Section 29, T 26S, R 33W

Located at: 100.960665 West Longitude and 37.759886 North Latitude

GROUNDWATER ONLY

*1600' on All*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit	
A_ 5871	00	IRR	NK	G	3983	--	SE	NW	SE	1441	1335	19	26	33W	5		260.00	260.00	AF
A_ 11126	00	IRR	NK	G	2288	--	NW	SE	SW	1296	3560	29	26	33W	4		750.00	750.00	AF
A_ 20058	00	IRR	NK	G	1759	NC	N2	S2	NE	3710	1320	30	26	33W	8		252.00	252.00	AF
A_ 22574	00	IRR	NK	G*	1277	--	--	NC	NW	3985	3960	29	26	33W	2		260.00	260.00	AF
A_ 25420	D2	IRR	NK	G	4265	--	--	NC	NW	3960	3855	30	26	33W	5		260.00	260.00	AF
A_ 25503	00	IRR	NK	G	4759	--	--	NC	NE	3960	1345	31	26	33W	1		260.00	260.00	AF
A_ 28033	00	IRR	NK	G	2155	--	SW	NE	SE	1630	1290	30	26	33W	9		264.00	264.00	AF
A_ 28315	00	IRR	NK	G	4379	--	NW	SE	SW	1312	3695	30	26	33W	7		260.00	260.00	AF
A_ 33056	00	IRR	NK	G	4804	--	NW	SE	NW	3775	3748	32	26	33W	3		272.00	272.00	AF

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) =	2838.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2838.00	.00

*Minimum Spacing MET.*

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

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

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

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

Water Rights and Points of Diversion Within 1.00 miles of point defined as:

100.960665 West Longitude and 37.759886 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- A\_ 5871 00 IRR NK G
  - > T & O LLC
  - > THOMAS WILLIS
  - > 901 APOLLO ST
  - > LIBERAL KS 67901
- 
- A\_ 11126 00 IRR NK G
  - > TRI-STONE FARMS INC
  - >
  - > 10925 S SANDHILL RD
  - > GARDEN CITY KS 67846
- 
- A\_ 20058 00 IRR NK G
  - > TRI-STONE FARMS INC
  - >
  - > 10925 S SANDHILL RD
  - > GARDEN CITY KS 67846

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>-----  
A\_\_ 22574 00 IRR NK G  
> TRI-STONE FARMS INC  
>  
> 10925 S SANDHILL RD  
> GARDEN CITY KS 67846

>-----  
A\_\_ 25420 D2 IRR NK G  
> JOHN & KATHERINE DEWERFF REV TRUSTS  
>  
> 941 SE 50 RD  
> ELLINWOOD KS 67526

>-----  
A\_\_ 25503 00 IRR NK G  
> TRIANGLE H GRAIN & CATTLE CO  
>  
> 1955 W PLYMELL RD  
> GARDEN CITY KS 67846

>-----  
A\_\_ 28033 00 IRR NK G  
> TRI-STONE FARMS INC  
>  
> 10925 S SANDHILL RD  
> GARDEN CITY KS 67846

>-----  
A\_\_ 28315 00 IRR NK G  
> TRIANGLE H GRAIN & CATTLE CO  
>  
> 1955 W PLYMELL RD  
> GARDEN CITY KS 67846

>-----  
A\_\_ 33056 00 IRR NK G  
> ELDON & TERRY ALEXANDER  
>  
> 13990 S SANDHILL RD  
> GARDEN CITY KS 67846  
>-----

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INPUTS	
Target Section Definition	
Section	29
Township	26
Range	33
Range Direction	w
Target Point Coordinates ( <i>NAD27</i> or <i>NAD83</i> )	
Target Longitude	-100.961110
Target Latitude	37.759910

#### 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.

Loaded Section Data From LEOBASE using <i>NAD83</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.75148873	-100.96220624
NW	37.76587778	-100.96228318
NE	37.76587778	-100.94412446
SE	37.75130567	-100.94407870
Degrees Longitude per Foot		3.45885180E-06
Degrees Latitude per Foot		2.74620615E-06
Target Point Distances from Corners using <i>NAD83</i>		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	3067	-317
NW	-2173	-339
NE	-2173	4911
SE	3133	4924

Target point is In Section

Loaded Section Data From LEOBASE using <i>NAD27</i>		
Corner	Corner Latitudes	Corner Longitudes
SW	37.75146500	-100.96176100
NW	37.76585400	-100.96183800
NE	37.76585400	-100.94368000
SE	37.75128200	-100.94363400
Degrees Longitude per Foot		3.45885070E-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	3075	-188
NW	-2165	-210
NE	-2165	5039
SE	3142	5053

Target point is In Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00002373	-0.00044524
NW	0.00002378	-0.00044518
NE	0.00002378	-0.00044446
SE	0.00002367	-0.00044470
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-8.88808387	-128.72473789
NW	-8.48531759	-128.70738398



**Details**

<u>OBJECTID</u>	14064	<u>TOWNSHIP</u>	26
<u>Shape</u>	Point	<u>TOWNSHIP_DIRECTI</u>	S
<u>INPUT_SEQ_NUMBE</u>	418407	<u>RANGE</u>	33
<u>WR_APPROPRIATION_M</u>		<u>RANGE_DIRECTIO</u>	W
<u>OLD_QUARTER_SECT</u>	NW NW SW	<u>SECTION</u>	29
<u>OWNER_NAME</u>	Stone, Steve	<u>QUARTER_CALL_1_LAF</u>	SW
<u>DEPTH_OF_COMPLETED</u>	495	<u>QUARTER_CALL_</u>	NW
<u>ELEVATION_OF_WE</u>	2961	<u>QUARTER_CALL_</u>	NW
<u>GEOLOGICAL_FORMA</u>	Null	<u>COMPLETION_DAT</u>	10/1/2008
<u>DEPTH_WATER_ENCOI</u>	Null	<u>CONTRACTOR_NAM</u>	Destal Tyler Water Well Service
<u>DEPTH_WATER_ENCOI</u>	Null	<u>UPDATE_INITIALS</u>	kgdl
<u>DEPTH_WATER_ENCOI</u>	Null	<u>UPDATE_DATE</u>	7/9/2013 10:37:50 AM
<u>STATIC_WATER_LEV</u>	Null	<u>LATITUDE_LEO_QUARTE</u>	37.757754
<u>PUMP_TEST_DEPTH</u>	Null	<u>LONGITUDE_LEO_QUARTE</u>	-100.960661
<u>PUMP_TEST_HRS_PUM</u>	Null	<u>CONTRACTORS_LICENSE_</u>	473
<u>PUMP_TEST_GPM</u>	Null	<u>COUNTY_CHECKE</u>	1
<u>ESTIMATED_YIELI</u>	Null	<u>FILES_CHECKED</u>	0
<u>WATER_USE_COD</u>	1	<u>MONITORING_NUMB</u>	
<u>CHEM_ANALYSIS_DC</u>	Null	<u>LONGITUDE</u>	-100.960661
<u>BLANK_CASING_CO</u>	Null	<u>LATITUDE</u>	37.757754
<u>CASING_DIAM_1</u>	Null	<u>WELL_KID</u>	1040546007
<u>CASING_DIAM_2</u>	Null	<u>SOURCE_KID</u>	1040546006
<u>CASING_DIAM_3</u>	Null	<u>LOG_SKIP_IT</u>	1
<u>CASING_DEPTH_1</u>	Null	<u>GPS_DATUM</u>	UNK
<u>CASING_DEPTH_2</u>	Null	<u>LONGITUDE_LATITUDE_</u>	NAD27
<u>CASING_DEPTH_3</u>	Null	<u>GPS_LATITUDE</u>	37.755722
<u>SCREEN_TYPE_COI</u>	Null	<u>GPS_LONGITUDE</u>	-100.961583
<u>SCREEN_OPENINGS_C</u>	Null	<u>GPS_SOURCE</u>	Null
<u>SCREEN_INTERVAL_FF</u>	Null	<u>GPS_DATE</u>	Null
<u>SCREEN_INTERVAL_FF</u>	Null	<u>GPS_ACCURACY_COMI</u>	Null
<u>SCREEN_INTERVAL_FF</u>	Null	<u>NAD27_LATITUDE</u>	37.757754
<u>SCREEN_INTERVAL_FF</u>	Null	<u>NAD27_LONGITUD</u>	-100.960661
<u>SCREEN_INTERVAL_1</u>	Null	<u>NAD83_LATITUDE</u>	37.757778
<u>SCREEN_INTERVAL_1</u>	Null	<u>NAD83_LONGITUD</u>	-100.961106
<u>SCREEN_INTERVAL_1</u>	Null	<u>NAD27_UTM_X</u>	327281.64

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3/1/2019

<u>SCREEN_INTERVAL_T</u>	Null	<u>NAD27_UTM_Y</u>	4180542.72
<u>GROUT_MATERIAL</u>	Null	<u>NAD27_UTM_ZONE</u>	14
<u>GROUT_MATERIAL</u>	Null	<u>NAD83_UTM_X</u>	327246.76
<u>GROUT_INTERVAL_FR</u>	Null	<u>NAD83_UTM_Y</u>	4180751.21
<u>GROUT_INTERVAL_FR</u>	Null	<u>NAD83_UTM_ZONE</u>	14
<u>GROUT_INTERVAL_FR</u>	Null	<u>LONGITUDE_LATITUDE_S</u>	QUARTER_CALLS
<u>GROUT_INTERVAL_T</u>	Null	<u>RENDER_DEPTH</u>	495
<u>GROUT_INTERVAL_T</u>	Null	<u>RENDER_YIELD</u>	-1
<u>GROUT_INTERVAL_T</u>	Null	<u>RENDER_WATER_LE</u>	0
<u>CONTAM_SOURCE_C</u>	Null	<u>COUNTY</u>	Finney
<u>CONTAM_SOURCE_DIR</u>	Null	<u>STATUS</u>	Constructed
<u>CONTAM_SOURCE_DIS</u>	Null	<u>USE_DESC</u>	Domestic
<u>TYPE_OF_ACTION_C</u>	1	<u>CONTRACTOR</u>	Destal Tyler Water Well Service
<u>OLD_COMPLETION_D</u>	Null	<u>DEPTH_TXT</u>	495
<u>CONTRACTORS_LICE</u>	Null	<u>ELEV_TXT</u>	2,961
<u>INACTIVE_DATE</u>	Null	<u>STATIC_LEVEL_TX</u>	
<u>DATE_FORM_RECV</u>	Null	<u>YIELD_TXT</u>	
<u>LOCATION_DIRECTION</u>	from Garden City: 13 mi S, 5 mi W, then .5 mi S	<u>COMP_DATE_TXT</u>	10/01/2008
<u>COUNTY_CODE</u>	55	<u>ORIG_FID</u>	0

Garden City Field Office  
2508 Johns Street  
Garden City, KS 67846-2804



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

Mike Beam, Interim Secretary

Laura Kelly, Governor

February 19, 2019

SOUTHWEST KANSAS GROUNDWATER  
MANAGEMENT DISTRICT NO. 3  
409 CAMPUS DRIVE, SUITE 106  
GARDEN CITY KS 67846

Re: Water Right File No. 22574

Dear Mr. Norquest:

This is to advise you that Steve Stone has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion for the above referenced file.

We are delaying action on the change application to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

Thank you and as always feel free to contact this office at any time.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal stroke at the end.

Michael A. Meyer  
Water Commissioner

MAM  
Enclosures