

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

| | | | | |
|---------------------------------|------------------------|-----------------------------|------------------------------|---------------------|
| 1. File Number: 22317 | 2. Status Change Date: | 3. Change Num: C2 | 4. Field Office: 4 | 5. GMD: 3 |
|---------------------------------|------------------------|-----------------------------|------------------------------|---------------------|

| | |
|--|--|
| 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: 11/24/2020 |
|--|--|

| | |
|--|---|
| 8a. Applicant(s) New to system <input type="checkbox"/> JOHN D BORTH PO BOX 754 MEADE, KS 67864 Person ID 38690 Add Seq# _____ | 8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____ |
|--|---|

| | |
|---|---|
| 8b. Landowner(s) New to system <input type="checkbox"/> J D BORTH FARMS LTD PO BOX 754 MEADE, KS 67864 Person ID 38691 Add Seq# _____ | 8d. WUC New to system <input type="checkbox"/> 8a Person ID _____ Add Seq# _____ |
|---|---|

9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: 12/31/2021 N & P Date to Comply: 3/1/2022

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: **12/28/2020** By: **AM**
 Date Entered: _____ By: _____

File No. **22317** 11. County: **ME** Basin: **CROOKED CREEK** Stream: _____ Formation Code: **211** Special Use: _____

12. Points of Diversion
 Rate and Quantity
 Authorized Additional
 Rate Quantity Rate Quantity
 gpm af gpm af Overlap PD Files

DEL 42986

ENT **SE NE NE** **8** **31S 29W** **4256** **87** **570** **252** **570** **252** **42583**

CHK 76503

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 | | | | |
| CHK 19845 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHK 25519 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Base Acres: _____ Year: _____ Minimum Reasonable Quantity: _____
 Comments: _____

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

December 28, 2020

J D BORTH FARMS LTD
PO BOX 754
MEADE, KS 67864

RE: Water Right, File Nos. 22317 & 42583

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 numbers.

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: GROUNDWATER MANAGEMENT DISTRICT NO. 3

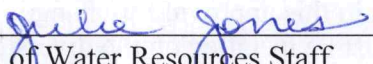
CERTIFICATE OF SERVICE

On this 28th day of December, 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 22,317 and 42,583 dated 28th day of December, 2020 was mailed postage prepaid, first class, US mail to the following:

J D BORTH FARMS LTD
PO BOX 754
MEADE, KS 67864

Pc:

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.

RECEIVED

File No. 22317 _____

NOV 24 2020
 9:50 AM

Garden City Field Office
 Division of Water Resources

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

2. Name and address of Applicant: John Borth/JD Borth Farms _____

PO BOX 754 Meade KS 67864 _____

Phone Number: 620-629-1849 _____ Email address: _____

Name and address of Water Use Correspondent: _____

Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:

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 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

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 TR # _____ Receipt Date 11-24-20 Check # 7306

5. **Presently authorized point of diversion:**
 One in the SE Quarter of the NE Quarter of the NE Quarter of Section 8, Township 31 South, Range 29 (W), in MEADE County, Kansas, 4290 feet North 460 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 SE Quarter of the NE Quarter of the NE Quarter of Section 8, Township 31 South, Range 29 W, in MEADE County, Kansas, 4256 feet North 87 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 525
 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 NW Quarter of the SE Quarter of the NW Quarter of Section 9, Township 31 South, Range 29 (W), in MEADE County, Kansas, 3620 feet North 3571 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) _____

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

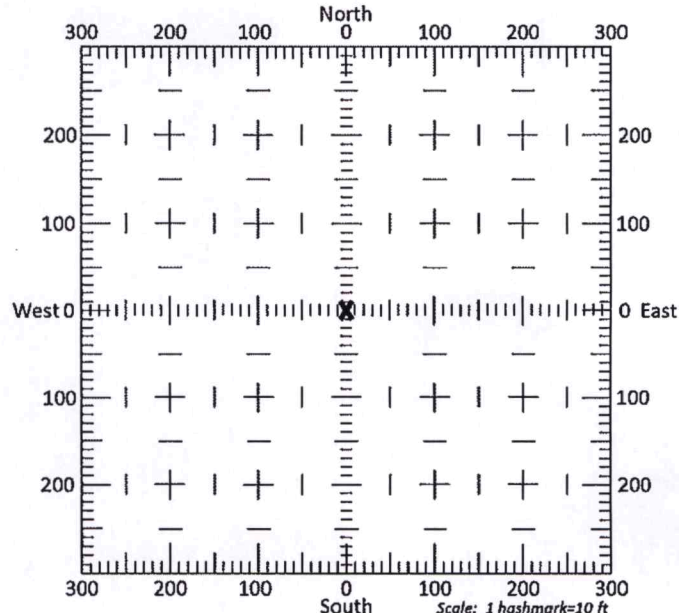
9. The change(s) (was)(will be) completed by?

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 Alex Torrance



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 20th day of NOVEMBER, 2020.

[Signature]

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

(Spouse)

(Please Print)

(Please Print)

(Owner)

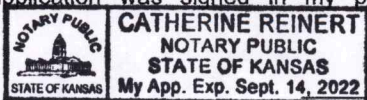
(Spouse)

(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 20th day of NOV, 2020.



[Signature]

Notary Public

My Commission Expires 9-14-2022

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. 22317.

1. A change application was received on November 24, 2020 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 50 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, 2021, 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, 2021, or within any authorized extension of time. By March 1, 2022 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: Austin McCulloch
Duly Authorized Designee of the Chief Engineer
(Print Name): Austin McCulloch
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: December 28, 2020

State of Kansas)

) SS

County of Atterney)

Acknowledged before me on December 28, 2020

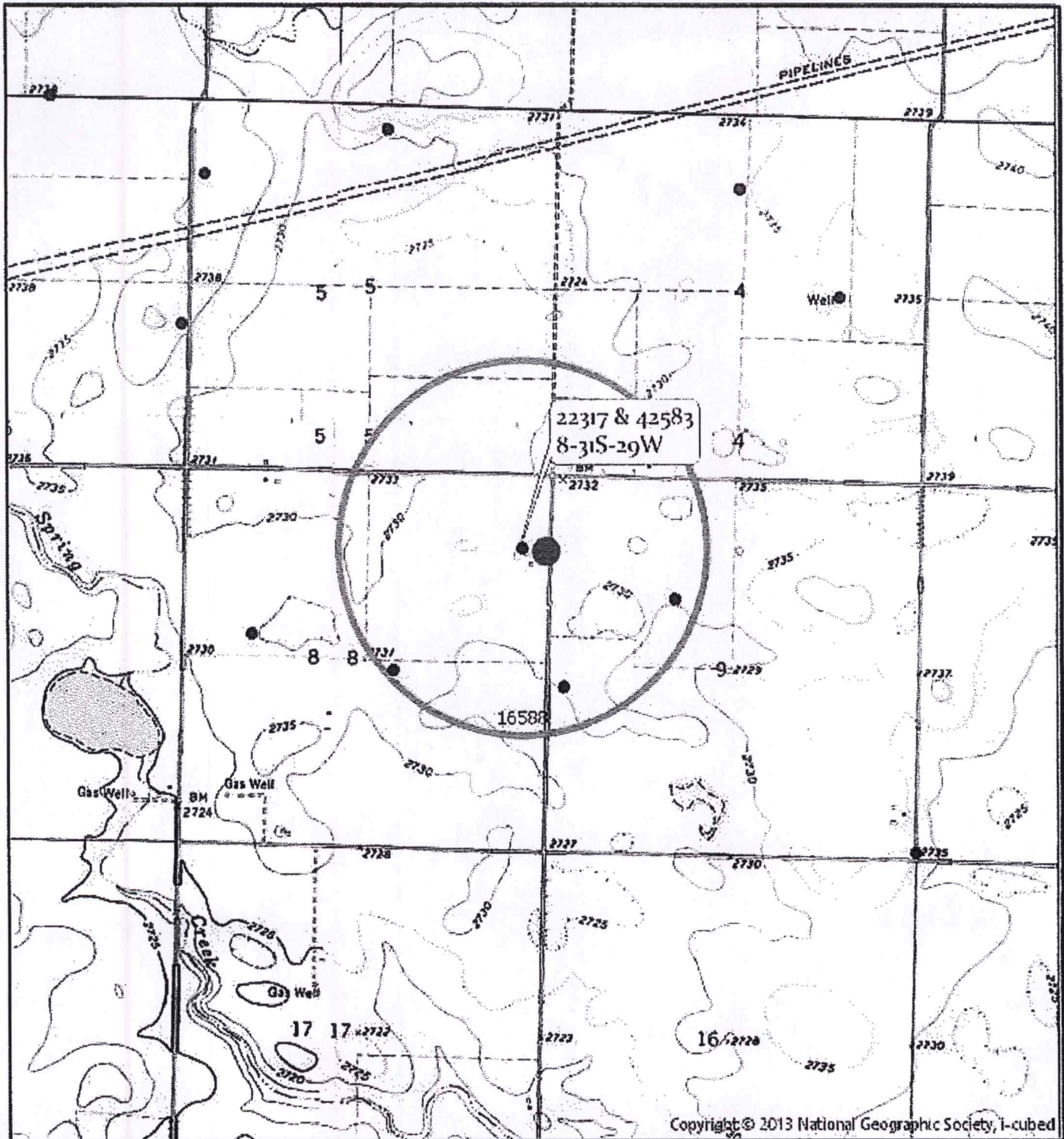
by Austin McCulloch

Signature: Julie Jones
Notary Public

My commission expires _____



CHANGE IN POINT OF DIVERSION #22317 & 42583



Township 31 South Range 29 West
ME County

All wells of any kind within a half mile of the proposed point of diversion are shown:

- PROPOSED PD
- POINT OF DIVERSION

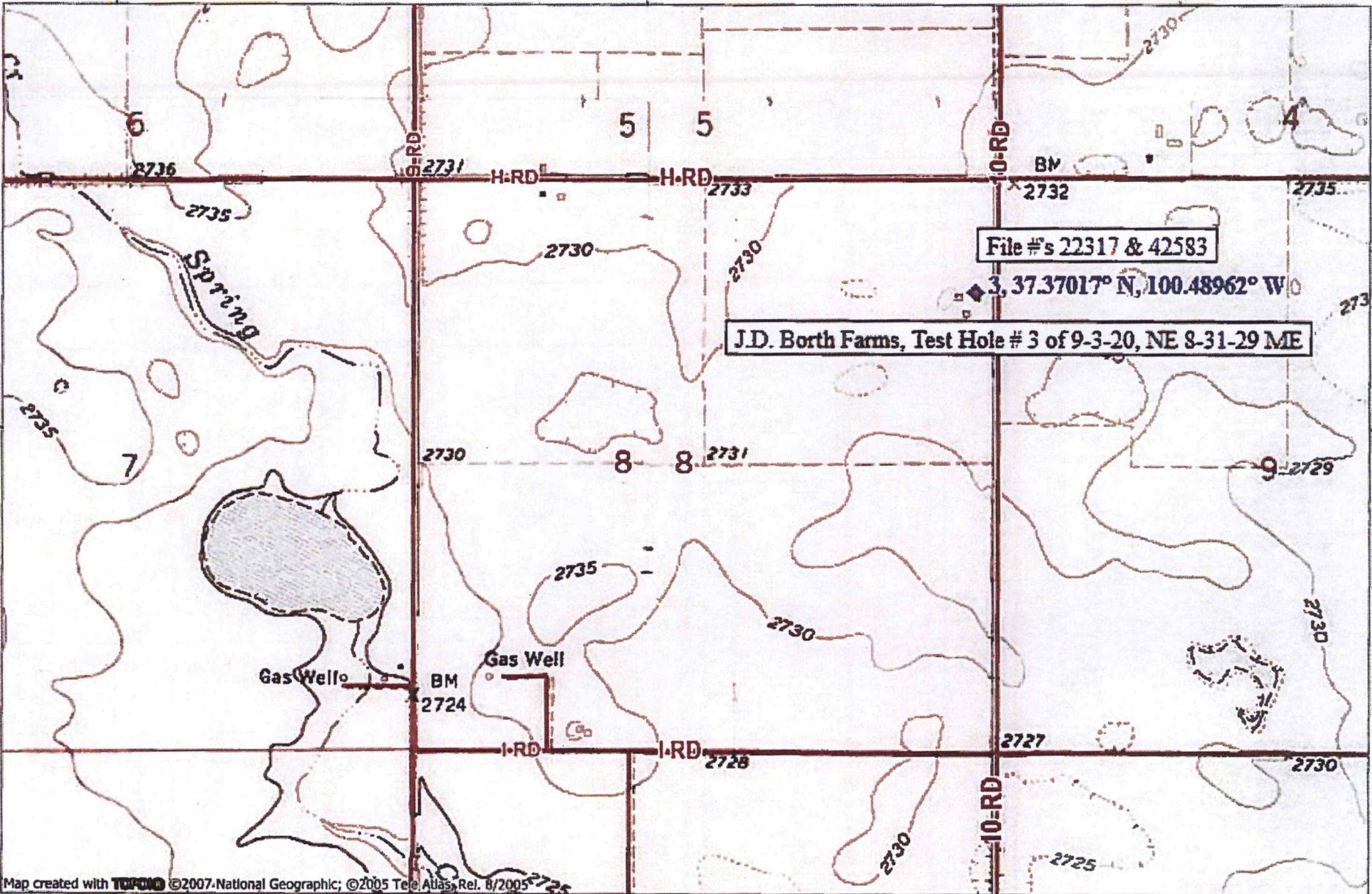


Created By: AT/GCFO

100.51667° W

100.50000° W

NAD27 100.48333° W



File #'s 22317 & 42583

3, 37.37017° N, 100.48962° W

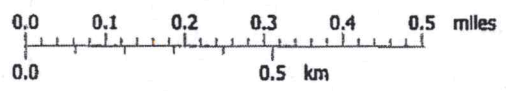
J.D. Borth Farms, Test Hole # 3 of 9-3-20, NE 8-31-29 ME

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

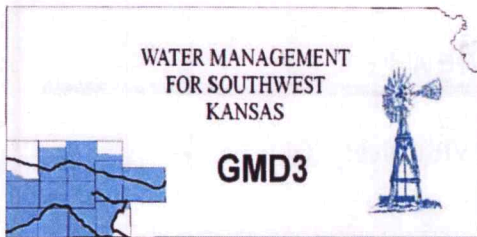
100.51667° W

100.50000° W

NAD27 100.48333° W



TN MN
5°
09/08/20



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

December 28, 2020

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

RE: Application for Change in Point of Diversion
Water Right, File Nos. 22317 & 42583

Dear Austin:

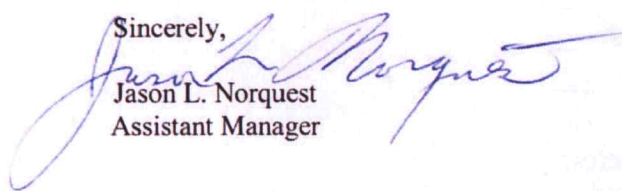
We have completed a review of the application for the above referenced water right. The proposed changes in points of diversion are in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

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 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 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 none of the neighboring wells exceeded the net effect on neighboring wells above the maximum allowable threshold. Our office did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved. 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): 22317 & 42583.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: John Borth.

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, section 8 being changed.

| | ft. North | ft. West | |
|-------------------|-----------|----------|-----------------------|
| Authorized PD | 4290 | 460 | Sect 8-31-29 |
| Proposed PD | 4256 | 87 | |
| Difference | 34 s | 373 e | |
| $a^2 + b^2 = c^2$ | 1156 | 139129 | 374.5464 foot move SE |

GPS for proposed PD: Lat: 37.37017 Long: -100.48962.

Is proposed PD stacking on existing WRs? Moving both water rights.

Is Proposed PU overlapping existing WRs? No change.

Neighboring certified well(s) notified: ___.

Name Stanton & Starla Koehn (11945).

Address 6129 8 RD.

Zip Plains, KS 67869.

Email: stantonkoehn@gmail.com.

Phone: 620-408-7832.

Name Clawson Meade Co #4 (22818).

Address PO Box 279.

Zip Plains, KS 67869.

Email: jeanne@clawsonoffice.com.

Phone: 620-563-6112.

Name Robert L Pennington (24615 & domestic in Sect 4).

Address PO Box 458.

Zip Meade, KS 67864.

Email: glpen52@yahoo.com.

Phone: 620-873-9082.

Domestic well(s) notified: ___.

Name ___.

Address ___.

Zip ___.

Base Acres: ___.

Perfected Acres: ___.

Irr. Return-Flow ___%

GMD3 Change Review

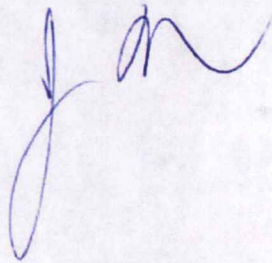
Currently authorized 252AF + 250AF respectively. Each PD limited to 252AF/year at 750gpm.

10 year reported average use: 2020.7AF/year

Reported 600gpm on the 2015 WUR.

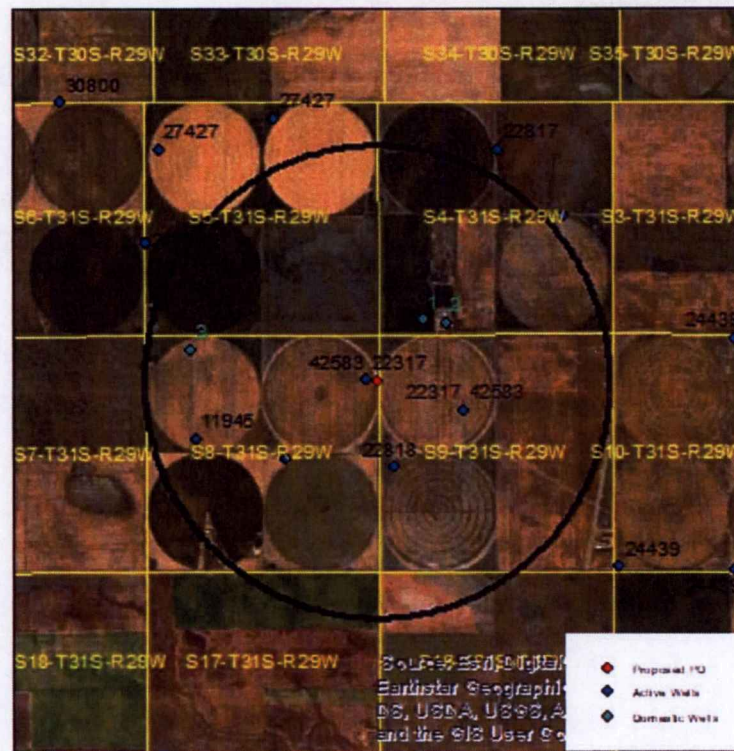
Is a waiver needed: Move is less than half mile, barely over 300". Minimum spacing appears met to neighboring wells.

Recommendation: After review of all available information, it appears current area rules are met. Analysis shows the possible effects are within the guidelines. We did not receive any comments for neighbor notices. Staff therefore recommends approval of the applications.



Evaluation of proposed move for Water Right Nos 22317 & 42583

Proposed: Move water right nos. 22317 & 42583 (section 8) a distance of 374 ft to the east.



Wells within 1 mile: 22317 & 42583 (section 9), 22818, 24615, 11945, and 3 domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 216 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:

$S = 0.3005$, $T = 59,700 \text{ ft}^2/\text{day}$, $t_{p\text{current}} = 76 \text{ days}$ (based upon average use and reported rate),
 $Q_{\text{current}} = 600 \text{ gpm}$ (based upon 2015 reported rate), $t_{p\text{proposed}} = 76 \text{ days}$, $Q_{\text{proposed}} = 750 \text{ gpm}$

Theis drawdowns were calculated as follows:

22317 & 42583 (sec 9): Drawdown from current location = 0.44 ft
Drawdown from proposed location = 0.59 ft
Net drawdown = **0.1 ft**

22818: Drawdown from current location = 0.47 ft
Drawdown from proposed location = 0.60 ft
Net drawdown = **0.1 ft**

24615: Drawdown from current location = 0.41 ft
Drawdown from proposed location = 0.49 ft
Net drawdown = **0.1 ft**

11945: Drawdown from current location = 0.29 ft
Drawdown from proposed location = 0.34 ft
Net drawdown = **0.1 ft**

Domestic 1: Drawdown from current location = 0.50 ft
Drawdown from proposed location = 0.65 ft
Net drawdown = **0.2 ft**

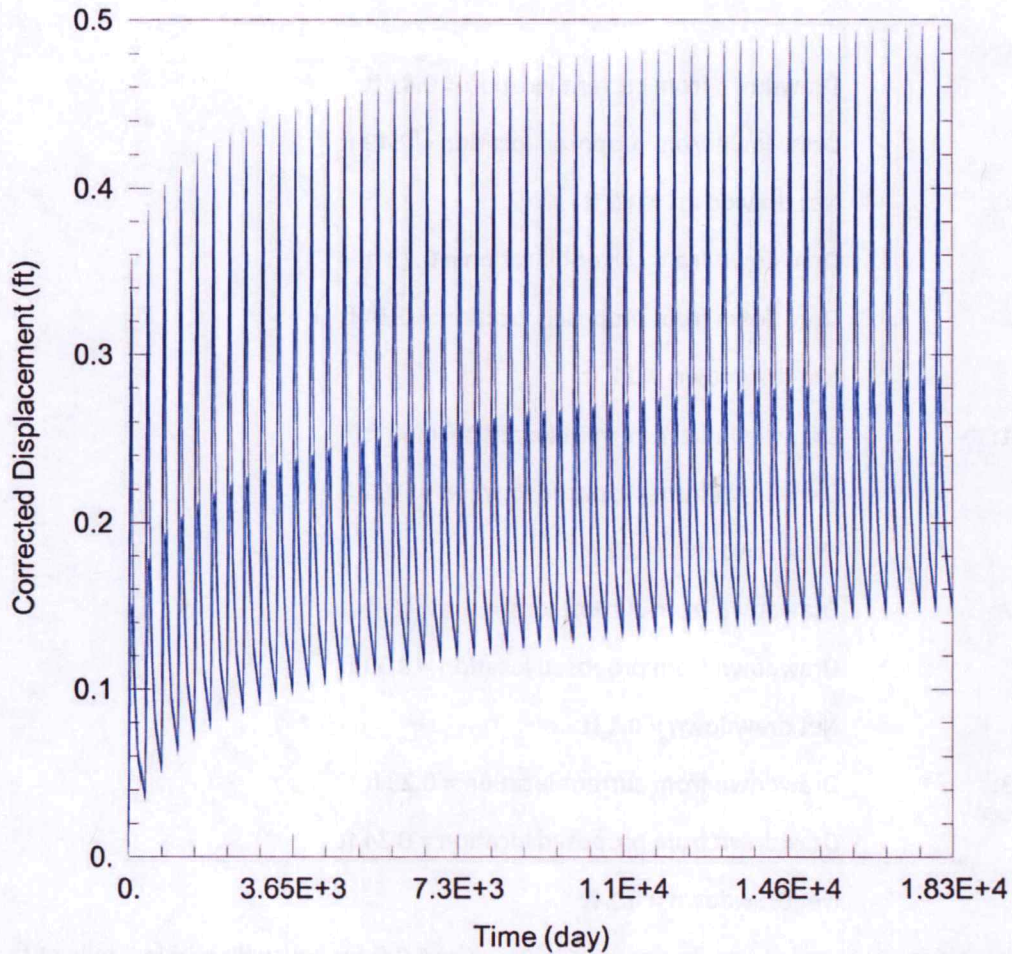
Domestic 2: Drawdown from current location = 0.45 ft
Drawdown from proposed location = 0.59 ft
Net drawdown = **0.1 ft**

Domestic 3: Drawdown from current location = 0.29 ft
Drawdown from proposed location = 0.34 ft
Net drawdown = **0.1 ft**

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

Conclusion:

Based upon information from the GMD3 model, this proposal will cause minimal effects on neighboring wells, and is unlikely to create an impairment. GMD3 staff recommends approval of the application.



WELL TEST ANALYSIS

Data Set: C:\...\22317 42583 Current.aqt

Date: 12/17/20

Time: 07:55:08

PROJECT INFORMATION

Company: GMD 3

Project: 22317 & 42583

Location: Meade County

Test Well: 22317 & 42583

WELL DATA

Pumping Wells

| Well Name | X (ft) | Y (ft) |
|-----------------------|--------|--------|
| 22317 & 42583 (sec 8) | 89789 | 180464 |

Observation Wells

| Well Name | X (ft) | Y (ft) |
|-------------------------|--------|--------|
| □ | 89789 | 180464 |
| □ 22317 & 42583 (sec 9) | 91993 | 179801 |
| □ 22818 | 90442 | 178516 |
| □ 24615 | 87956 | 178689 |
| □ 11945 | 85926 | 179151 |
| □ Domestic 1 | 91080 | 181817 |
| □ Domestic 2 | 91607 | 181743 |
| □ Domestic 3 | 85796 | 181141 |

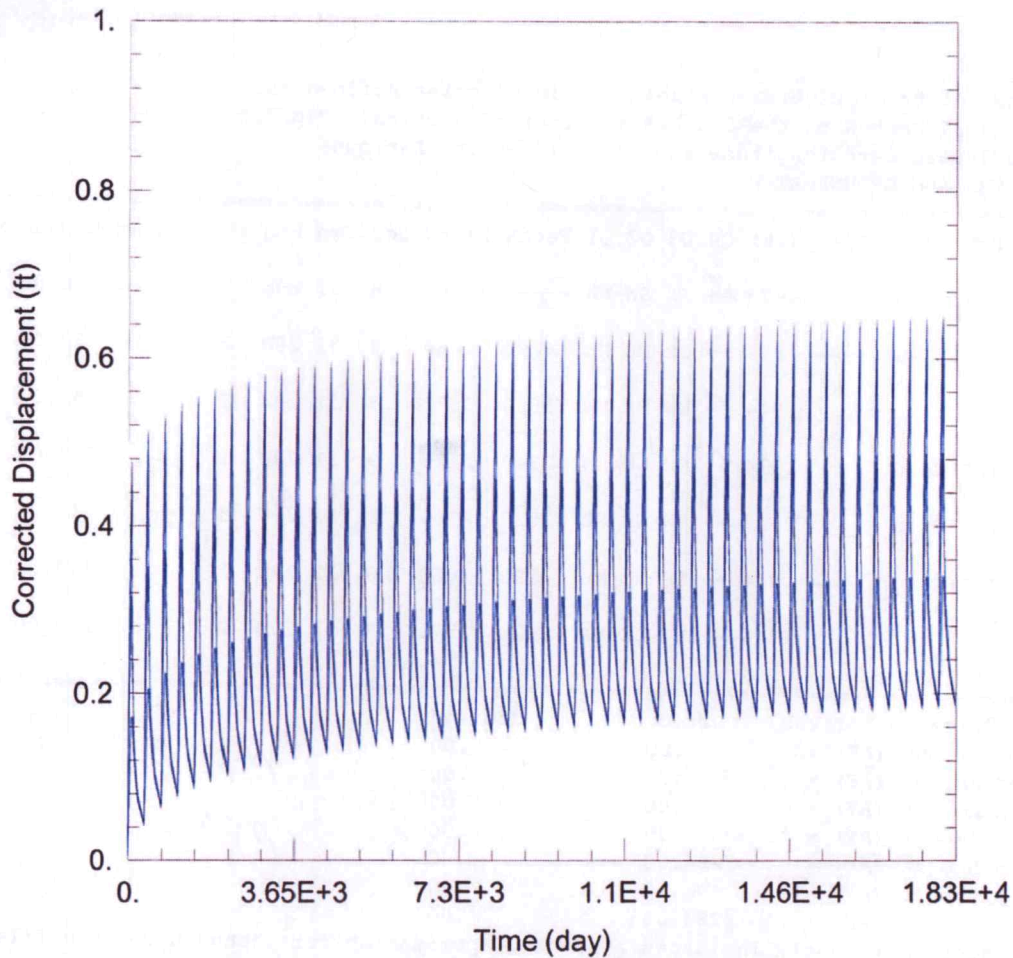
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = $5.97E+4$ ft²/day

S = 0.3005



WELL TEST ANALYSIS

Data Set: C:\...\22317 42583 Proposed.aqt

Date: 12/17/20

Time: 07:55:22

PROJECT INFORMATION

Company: GMD 3

Project: 22317 & 42583

Location: Meade County

Test Well: 22317 & 42583

WELL DATA

Pumping Wells

| Well Name | X (ft) | Y (ft) |
|-----------------------|--------|--------|
| 22317 & 42583 (sec 8) | 90038 | 180439 |

Observation Wells

| Well Name | X (ft) | Y (ft) |
|-------------------------|--------|--------|
| □ 90038 | 90038 | 180439 |
| □ 22317 & 42583 (sec 9) | 91993 | 179801 |
| □ 22818 | 90442 | 178516 |
| □ 24615 | 87956 | 178689 |
| □ 11945 | 85926 | 179151 |
| □ Domestic 1 | 91080 | 181817 |
| □ Domestic 2 | 91607 | 181743 |
| □ Domestic 3 | 85796 | 181141 |

SOLUTION

Aquifer Model: Unconfined

Solution Method: Thisis

T = 5.97E+4 ft²/day

S = 0.3005

Water Rights and Points of Diversion Within 1 mile of point defined as:
 4256 Feet N and 87 Feet W of the Southeast Corner of Section 8 Twp 31S Rng 29W
 Located at: 100.489620 West Longitude and 37.370171 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 | |
|-------------|----------|-----|----|-----------|------|----|----|----|-------|-------|-------|-----|-----|-----|------|-----------|----------|--------|
| A__ AF | 11945 00 | IRR | NK | G | 4423 | ← | SE | SW | NW | ----- | ----- | 8 | 31 | 29W | 1 | 1400 | 320.00 | 320.00 |
| A__ AF | 22317 00 | IRR | NK | G* | 374 | -- | SE | NE | NE | 4290 | 460 | 8 | 31 | 29W | 2 | 1600 | 252.00 | 252.00 |
| Same AF | | | | | 1944 | ← | NW | SE | NW | 3620 | 3571 | 9 | 31 | 29W | 2 | | 252.00 | 252.00 |
| A__ AF | 22818 00 | IRR | NK | G | 1934 | ← | NW | NW | SW | 2340 | 5125 | 9 | 31 | 29W | 1 | 1900 | 320.00 | 320.00 |
| A__ AF | 24615 00 | IRR | NK | G | 2803 | ← | NW | NW | SE | 2520 | 2300 | 8 | 31 | 29W | 3 | 2300 | 640.00 | 640.00 |
| A__ AF | 42583 00 | IRR | NK | G* | 374 | -- | SE | NE | NE | 4290 | 460 | 8 | 31 | 29W | 2 | 1600 | 250.00 | 250.00 |
| Same AF | | | | | 1944 | ← | NW | SE | NW | 3620 | 3571 | 9 | 31 | 29W | 2 | | 250.00 | 250.00 |

| 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) = | 2284.00 | .00 |
| Total Vested Amount (AF) = | .00 | .00 |
| TOTAL AMOUNT (AF) = | 2284.00 | .00 |

*Minimum 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.

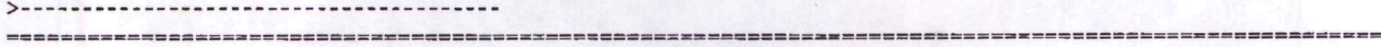
Water Rights and Points of Diversion Within 1 mile of point defined as:
 4256 Feet North and 87 Feet West of the Southeast Corner of Section 8 Twp 31S Rng 29W
 Located at: 100.489620 West Longitude and 37.370171 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

- > STANTON R & STARLA KOEHN
- > 6129 8 RD
- > PLAIN KS 67869
- > JOHN D BORTH
- > PO BOX 754
- > MEADE KS 67864
- > CLAWSON MEADE CO #4
- > PO BOX 279
- > PLAINS KS 67869
- > ROBERT L PENNINGTON
- > PO BOX 458
- > MEADE KS 67864

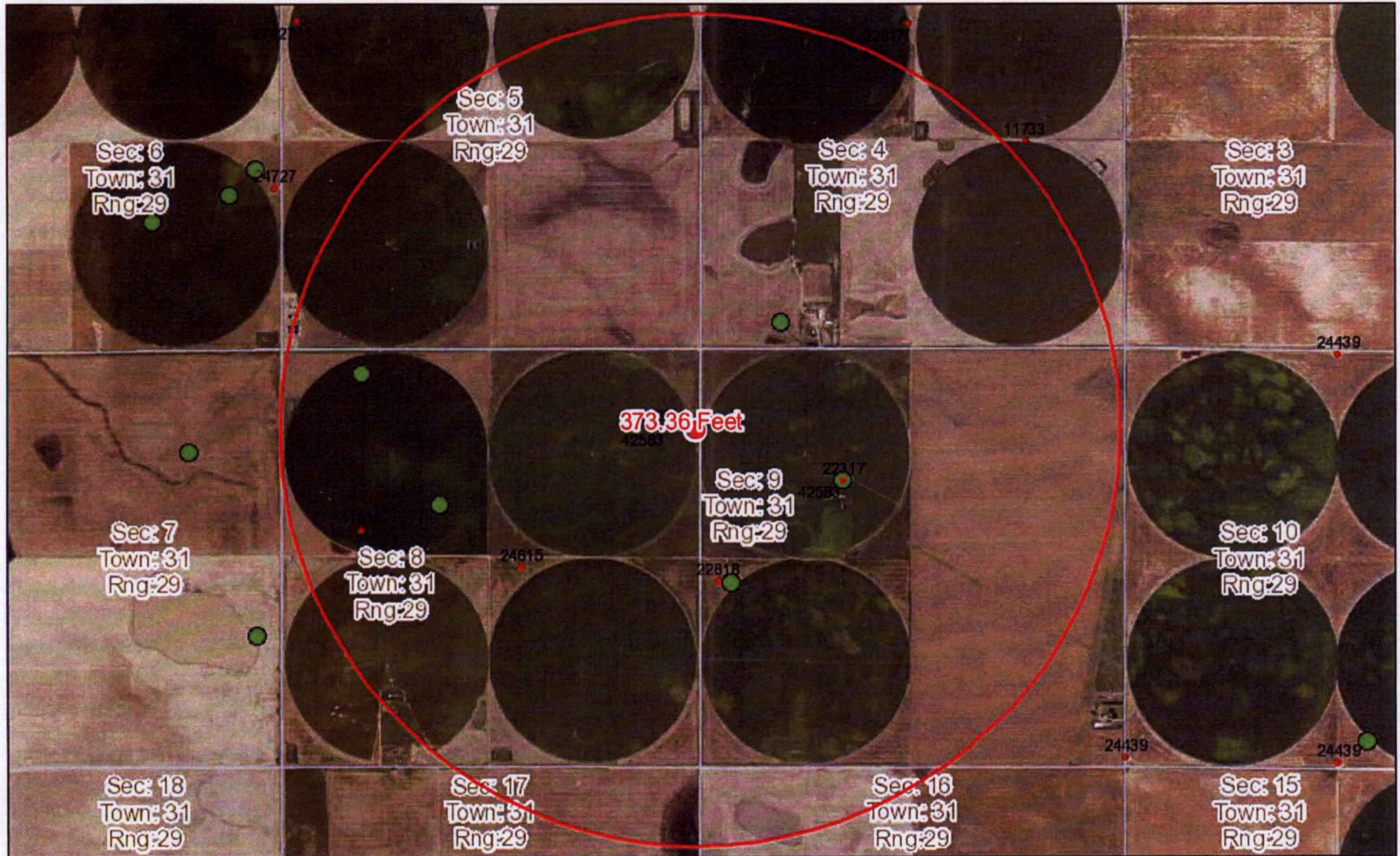
11945
APP
22818
24615

- > JOHN D BORTH
- >
- > PO BOX 754
- > MEADE KS 67864

App.



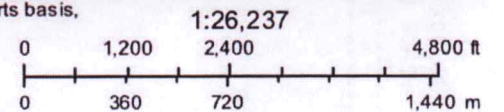
22317 & 42583 Sect 8 PD Change



December 16, 2020
11:41 AM

DISCLAIMER: This map is not intended for conveyances, nor is it a legal survey. The information is presented on a best-efforts basis, and should not be relied upon for making financial, survey, legal or other commitments.

| | | | | | | | | | | |
|--------------|-------|-----|-----|-----|-----|-----|-----|-----|-----------------|----------|
| Wells | + | CON | ● | FPR | ▲ | MUN | ⚡ | THX | □ | Sections |
| ? | Other | ⊠ | DEW | ○ | HYD | ▬ | REC | ? | Empty | |
| ● | IRR | ⋄ | DOM | ★ | IND | ⊞ | STK | ● | WWC5 WELLS GMD3 | |



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

December 14, 2020

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

Change Application,
File Nos. 22317 & 42583

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by John Borth 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:

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

November 25, 2020

PENNINGTON PARTNERS LP
PO BOX 458
MEADE, KS 67864

RE: Water Right, File No. 22317 & 42583

Dear Sir or Madam:

This is to advise you that John Borth has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced applications. An irrigation well is proposed to be relocated to the SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 8, Township 31 South, Range 29 West, Meade County.

You can find the complete applications posted by water right file number as referenced above at: <https://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

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

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:
GROUNDWATER MANAGEMENT DISTRICT NO. 3

SCANNED

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

November 25, 2020

CLAWSON LAND PARTNERSHIP
PO BOX 279
PLAINS, KS 67869

RE: Water Right, File No. 22317 & 42583

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Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:
GROUNDWATER MANAGEMENT DISTRICT NO. 3

SCANNED