



File No. **14287-D1**      11. County: KE      Basin: ARKANSAS RIVER      Stream:      Formation Code: 211/331      Special Use:

12. Points of Diversion  
 CHK  
 MOD  
 DEL PDIV  
 ENT  
 Qualifier      S      T      R      ID      'N      'W      Comment (AKA Line)      Rate gpm      Quantity af      Additional Rate gpm      Quantity af      Overlap PD Files

DEL 29486  
 ENT      NW NW NW      8      26S 36W      5322      5199      1035      260      1035      260      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				
CHK 949																									
CHK 3162																									
CHK 4895																									
CHK 14006																									
CHK 14915																									

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

June 25, 2020

FRED RITSEMA & YOKA RODENHUIS TRUSTS

Attn: LAKIN DAIRY

PO BOX 389

LAKIN, KS 67860-0389

RE: Water Right, File No. 14287-D1

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.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

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 "Michael A. Meyer".

Michael A. Meyer  
Water Commissioner

MAM:am  
enclosures

pc: Quality Hay LLC  
GROUNDWATER MANAGEMENT DISTRICT NO. 3

## CERTIFICATE OF SERVICE

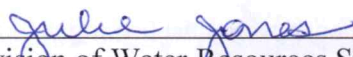
On this 25<sup>th</sup> day of June, 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 14,287-D1 dated 25<sup>th</sup> day of June, 2020 was mailed postage prepaid, first class, US mail to the following:

FRED RITSEMA & YOKA RODENHUIS TRUSTS  
Attn: LAKIN DAIRY  
PO BOX 389  
LAKIN, KS 67860-0389

Pc:

QUALITY HAY LLC  
1707 ROAD 45  
LAKIN, KS 67860

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. 14287-D1

RECEIVED  
 8:30 AM  
 MAY 28 2020

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: Lakin Hay LLC

PO BOX 389 Lakin, KS 67860

Phone Number: (620)271-1098                      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 \$ 200.00 TR # \_\_\_\_\_ Receipt Date 5-28-20 Check # 000588

5. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ NC Quarter of the \_\_\_\_\_ NW Quarter  
 of Section \_\_\_\_\_ 8 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 36 W \_\_\_\_\_ (E/W),  
 in KE \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 3980 \_\_\_\_\_ feet North \_\_\_\_\_ 3860 \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ 212 \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. 3 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 \_\_\_\_\_ NW Quarter of the \_\_\_\_\_ NW Quarter  
 of Section \_\_\_\_\_ 8 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 36 W \_\_\_\_\_ (E/W),  
 in KE \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 5322 \_\_\_\_\_ feet North \_\_\_\_\_ 5199 \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_ 563 \_\_\_\_\_  
 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) \_\_\_\_\_

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

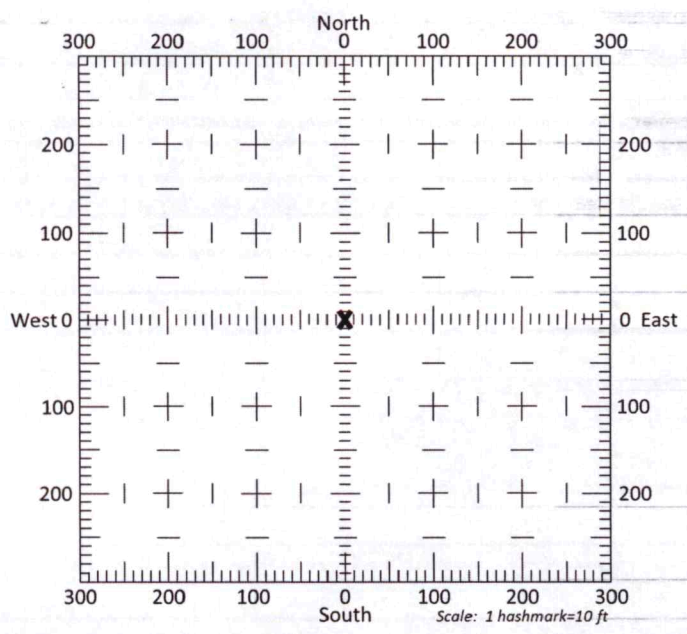
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_

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 27TH day of MAY, 2020.

[Signature]  
 (Owner)

[Signature]  
 (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 27TH day of MAY, 2020.



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. 14287-D1.

1. A change application was received on May 28, 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, 2020**, 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, 2020**, or within any authorized extension of time. By March 1, 2021 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: June 25, 2020

State of Kansas )  
 ) SS  
 County of Stimney )

Acknowledged before me on June 25, 2020  
 by Michael A. Meyer

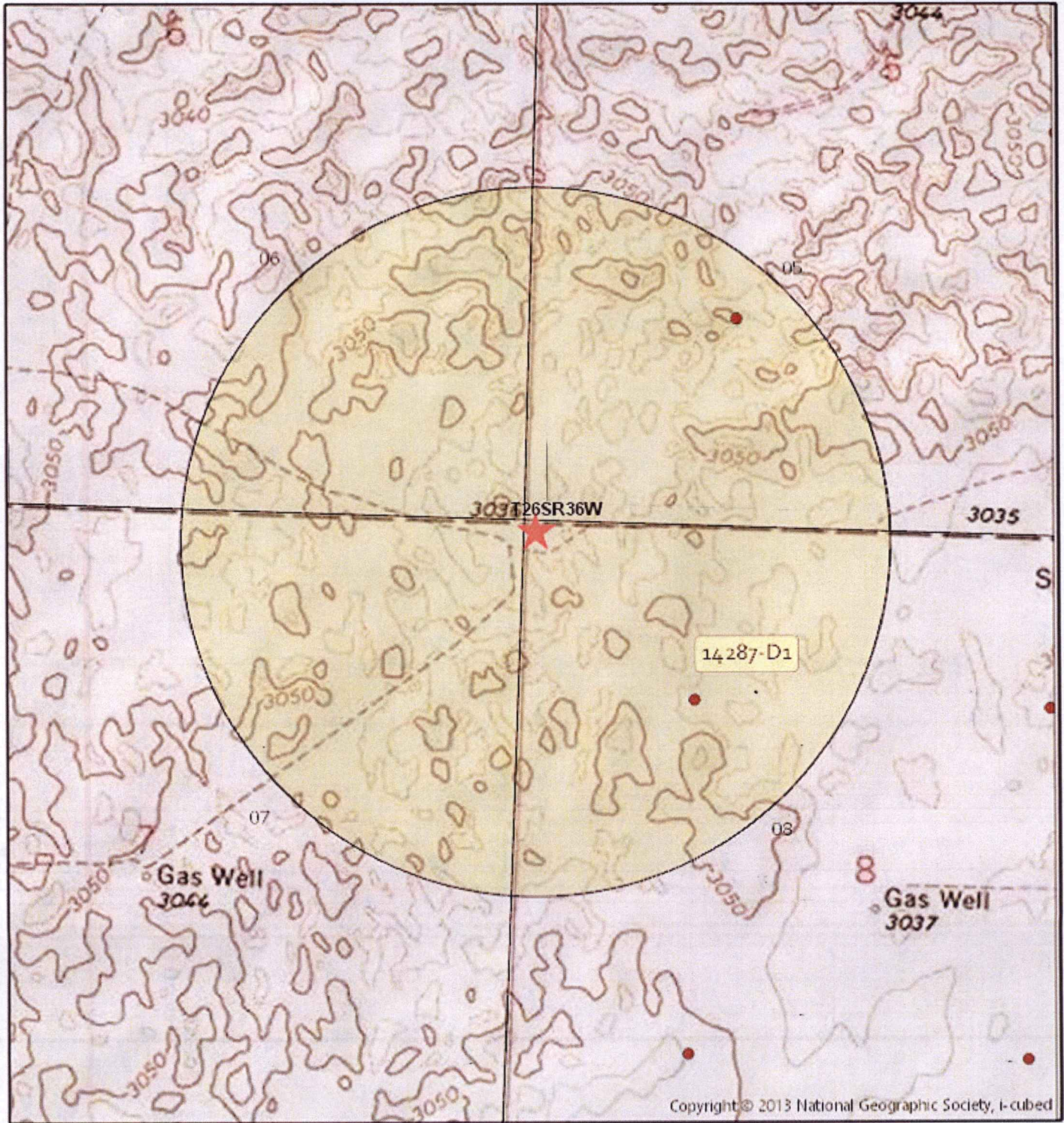
Signature: Julie Jones

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



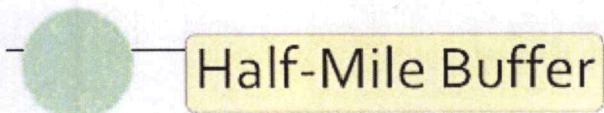


CHANGE IN POINT OF DIVERSION FILE NO. 14287-D1



Township 21 South Range 20 West  
KE County

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

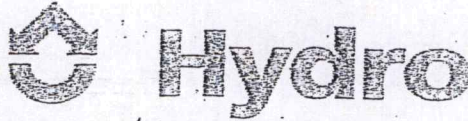


- POINT OF DIVERSION
- ★ PROPOSED PD



Created By: AT/GCFO

2722 W. Jones Ave.  
Garden City, KS 67248  
PH: 620-277-2389



PO Box 650  
Garden City, KS 67248  
Fax: 620-277-0224

FRED RITSEMA 620-271-1098

14287-D1

Customer Name: Lakin Hay LLC LAKIN HAY, LLC  
Street Address: P.O. Box 389  
City, State: LAKIN, KS 67860  
County: KE Quarter: NW Section: 8  
Location: \_\_\_\_\_  
Fig #: 10004

WO#: 20115 Date: 5-21-2020  
Test #: 3 E LOG: \_\_\_\_\_  
Driller: Kevin / Larry  
Township: 26 Range: 36  
GPS: N. 37.80864° W. 101.28976°  
Elevation: 3017 Static WL: 212 Estimated? \_\_\_\_\_  
Proposed Well Depth 563

**WELL LOCATION** 20' Surge

%	Footage		To	Description of Strata
	From	Pay		
	0		2	Top Soil, Blow Sand
	2		5	Fine Sand
	5		10	Brown Clay, Fine to coarse sand
	10		120	Med coarse sand; Small to large gravel
	120		160	Fine to coarse sand, Small to large gravel (Large gravel not wanting to come up)
	160		183	Fine to med sand, Small gravel
	183		200	Fine to coarse sand, Small to large gravel
35	200	41	241	Med to coarse sand, small to large gravel, some fine sand (Took little water) (Lo)
30	241	-	251	Brown sandy clay, coarse sand mix
30	251	11	262	Fine to med coarse sand, small to large gravel, Brown sandy clay
30	262	8	270	Fine to coarse sand
25	270	10	280	Fine to coarse sand, Clay mix
10	280	11	291	Brown sandy clay, fine sand mix
	291	-	300	Brown sandy clay, some fine sand
5	300	30	330	Brown sandy clay, fine sand mix
	330	-	350	Brown sandy clay, some fine sand (Drilled tight)
10	350	193	543	Sandstone, Brown rock, some soapstone (Took little water beginning)
	543	-	560	Shale

Get-8

101.30000° W

TOPO! map printed on 05/22/20 from "Untitled.tpo"

101.28333° W

NAD27 101.26667° W

File # 14287-D1

Replacement Well Location

3036 37.80864° N, 101.28976° W

Lakim Hay, LLC, Test Hole # 3 of 5-21-20, NW 8-26-36 KE

Shifting Sand

Gas Well  
3046

8  
Gas Well  
3037

Gas Well  
3027

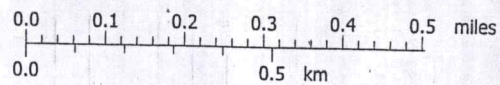
3044

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

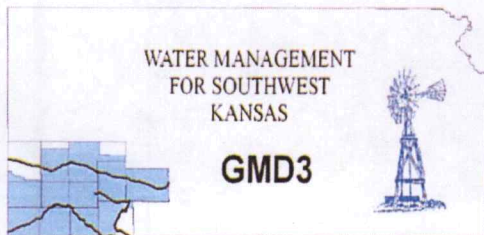
101.30000° W

101.28333° W

NAD27 101.26667° W



TN MN  
5 1/2°  
05/22/20



**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

June 24, 2020

Michael A. Meyer  
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 No. 14287 D1

Dear Mike:

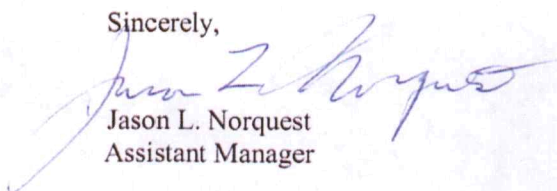
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

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 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 (3.0 ft in cases where saturated thickness range is between 125-150 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 This 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 maximum allowable threshold and were actually well under that threshold. Only one owner not associated with the applicant and they had conversations with the Division of Water Resources stating that they had no issue with the proposed move. 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

RECEIVED  
JUN 25 2020  
Garden City Field Office  
Division of Water Resources

## GMD3 Change Review

---

File No(s): 14287 D1.

DWR office: GC.

App filed to change: PD

Is Landowner(s) correct in WRIS: Lakin Hay 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) 03 being changed.

	ft. North	ft. West	
Authorized PD	3980	3860	Sect 8-26-36
Proposed PD	5322	5199	
Difference	-1342 n	-1339 w	
$a^2 + b^2 = c^2$	1800964	1792921	1895.754 foot move NW

GPS for proposed PD: Lat: 37.80864 Long: -101.28976.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:   .

Name Corwin & Melodee Smith.

Address 1604 Road 45.

Zip Lakin, KS 67860.

*They spoke with DWR +  
have no concerns with move*

Domestic well(s) notified: None in area not associated with applicant.

Name   .

Address   .

Zip   .

Base Acres:   .

Perfected Acres:   .

Irr. Return-Flow   %

### **Lose of production in current well.**

Is a waiver needed: Minimum spacing requirements met. Move is less than half mile.

Analysis came back (3.0ft allowable effect) and all of the wells met the first criteria.

None of the wells are critical.

Recommendation: After review of all available information, it appears that current area rules are met. Analysis shows possible effects within criteria. Neighbors did not have any comments on the move. Staff therefore recommends approval of the application.

*JR*

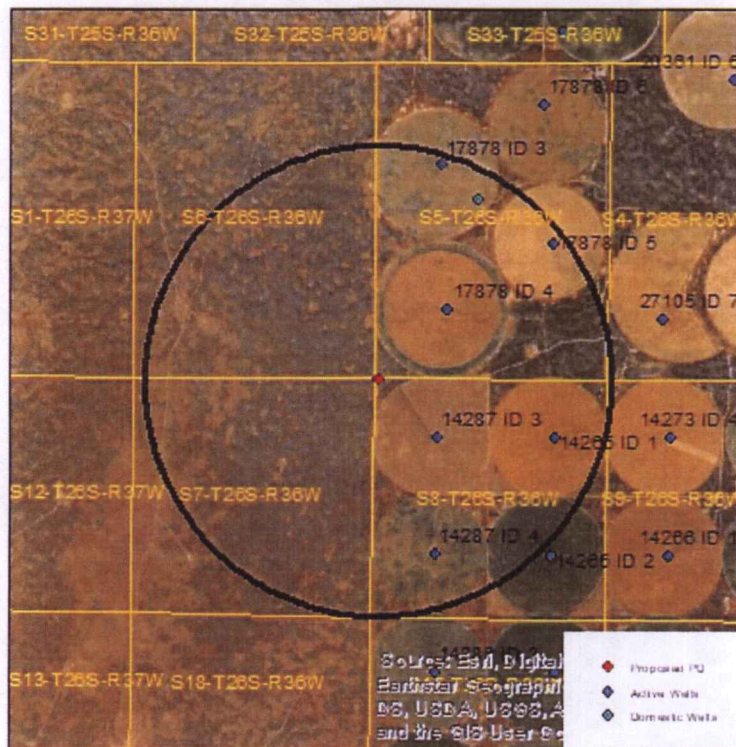
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JUN 25 2020

Garden City Field Office  
Division of Water Resources

## Evaluation of proposed move for Water Right No 14287 D1

Proposed: Move water right no. 14287 D1 ID 3 a distance of 1,859 ft to the northwest.



Wells within 1 mile: 14287 ID 4, 14265, 17878 ID3, 17878 ID 4, 17878 ID 5, and a domestic well in section 5-26-36.

The saturated thickness at the proposed well location is estimated to be 138 ft, based upon the driller's log. For saturated thickness between than 125 ft and 150 ft, the drawdown allowance is 3.0 ft.

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

$S = 0.1285$ ,  $T = 12,089 \text{ ft}^2/\text{day}$ ,  $t_{p\text{current}} = 111 \text{ days}$  (based upon average use and observed rate),  
 $Q_{\text{current}} = 319 \text{ gpm}$  (based upon 2019 field inspection),  $t_{p\text{proposed}} = 57 \text{ days}$ ,  $Q_{\text{proposed}} = 1035 \text{ gpm}$

Theis drawdowns were calculated as follows:

14287 ID 4:	Drawdown from current location = 1.08 ft
	Drawdown from proposed location = 1.40 ft
	Net drawdown = <b>0.3 ft</b>
14265:	Drawdown from current location = 1.07 ft
	Drawdown from proposed location = 1.37 ft
	Net drawdown = <b>0.3 ft</b>

17878 ID 3: Drawdown from current location = 0.63 ft  
Drawdown from proposed location = 1.21 ft  
Net drawdown = **0.6 ft**

17878 ID 4: Drawdown from current location = 1.01 ft  
Drawdown from proposed location = 2.31 ft  
Net drawdown = **1.3 ft**

17878 ID 5: Drawdown from current location = 0.70 ft  
Drawdown from proposed location = 1.22 ft  
Net drawdown = **0.5 ft**

Domestic 5-26-36: Drawdown from current location = 0.68 ft  
Drawdown from proposed location = 1.28 ft  
Net drawdown = **0.6 ft**

Net drawdown does not exceed the drawdown allowance of 3.0 ft for any wells within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

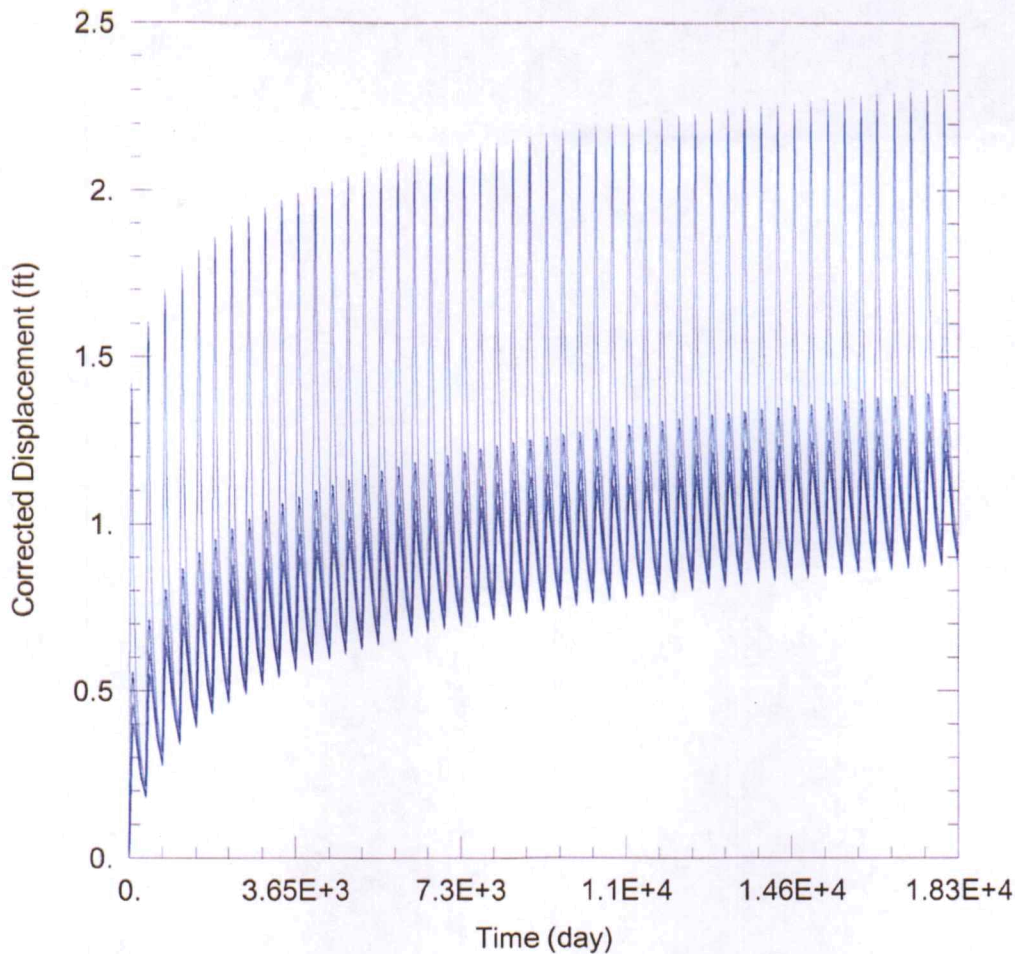
**Conclusion:**

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.

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Division of Water Resources



**WELL TEST ANALYSIS**

Data Set: C:\Users\trevora\Documents\2020\_moves\14287\14287 Proposed.aqt  
 Date: 06/24/20 Time: 10:18:26

**PROJECT INFORMATION**

Company: GMD 3  
 Project: 14287 D1  
 Location: Kearny County  
 Test Well: 14287 D1

**WELL DATA**

**Pumping Wells**

Well Name	X (ft)	Y (ft)
14287 ID3	-141655	340325

**Observation Wells**

Well Name	X (ft)	Y (ft)
□	-141655	340325
□ 14287 ID4	-140338	336436
□ 14265	-137646	339062
□ 17878 ID3	-140200	345146
□ 17878 ID4	-140057	341917
□ 17878 ID5	-137693	343370
□ Domestic 5-26-36	-139387	344374

**SOLUTION**

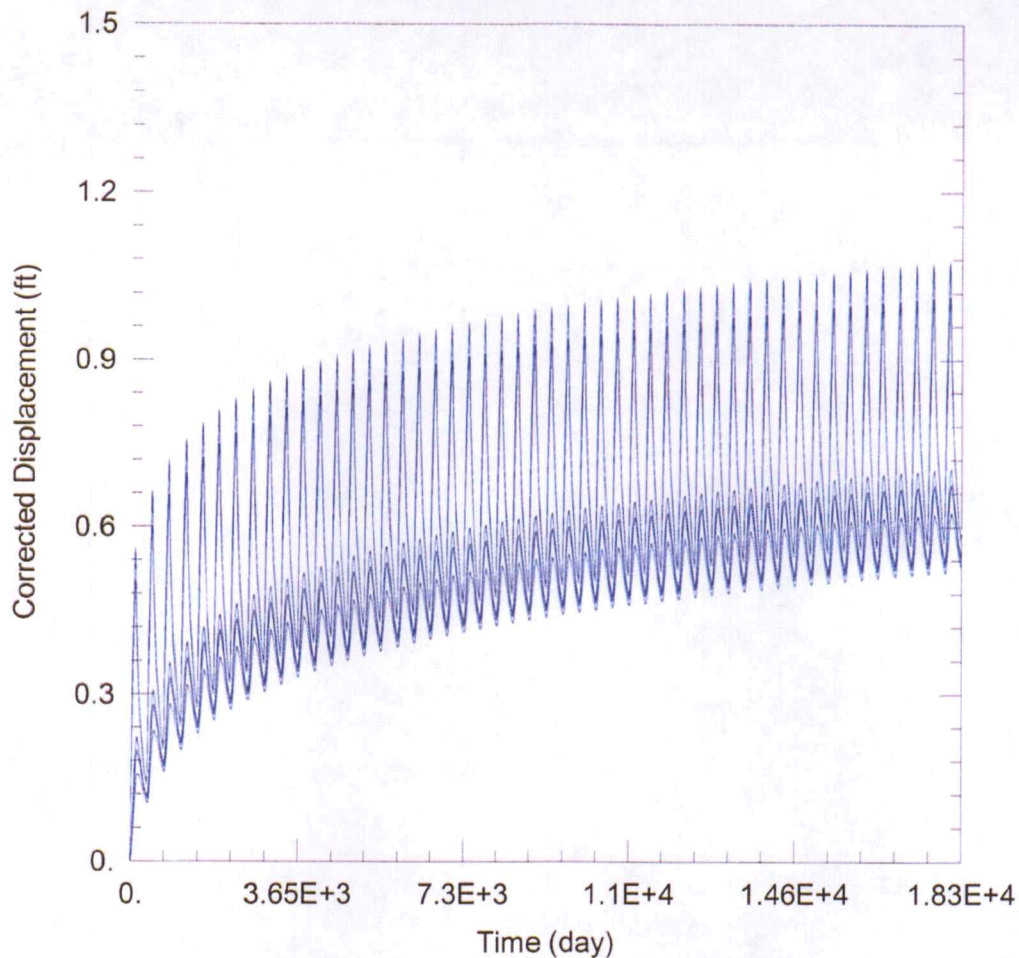
Aquifer Model: Unconfined  
 $T = 1.209E+4 \text{ ft}^2/\text{day}$   
 $Kz/Kr = 1.$

Solution Method: Theis  
 $S = 0.1285$   
 $b = 138. \text{ ft}$

**JUN 25 2020**

Garden City Field Office  
 Division of Water Resources





**WELL TEST ANALYSIS**

Data Set: C:\Users\trevora\Documents\2020\_moves\14287\14287 Current.aqt  
 Date: 06/24/20 Time: 10:18:42

**PROJECT INFORMATION**

Company: GMD 3  
 Project: 14287 D1  
 Location: Kearny County  
 Test Well: 14287 D1

**WELL DATA**

**Pumping Wells**

Well Name	X (ft)	Y (ft)
14287 ID3	-140298	339054

**Observation Wells**

Well Name	X (ft)	Y (ft)
□	-140298	339054
□ 14287 ID4	-140338	336436
□ 14265	-137646	339062
□ 17878 ID3	-140200	345146
□ 17878 ID4	-140057	341917
□ 17878 ID5	-137693	343370
□ Domestic 5-26-36	-139387	344374

**SOLUTION**

Aquifer Model: Unconfined  
 $T = 1.209E+4 \text{ ft}^2/\text{day}$   
 $Kz/Kr = 1.$

Solution Method: Theis  
 $S = 0.1285$   
 $b = 138. \text{ ft}$

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**JUN 25 2020**

*Garden City Field Office  
 Division of Water Resources*



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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

June 3, 2020

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

Change Application,  
File No. 14287-D1

Dear Sir or Madam:

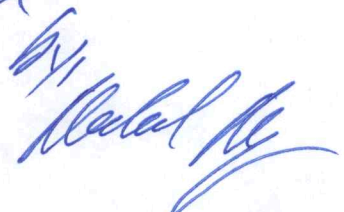
We are enclosing a copy of the referenced application, which was submitted by Lakin Hay LLC and appears to be in proper form, for your review.

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,

  
Austin McColloch  
Assistant Water Commissioner



Enclosure  
pc:

SCANNED