

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

1. File Number: 15943	2. Status Change Date: 7-20-2020	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
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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: 6/12/2020
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8a. Applicant(s)/Landowner
New to system

Person ID **59394**
Add Seq# _____

GERALD W LIGHTNER
7450 E LEAR RD
PIERCEVILLE, KS 67868-9709

8c. Landowner(s)
New to system

Person ID **53658**
Add Seq# _____

LLOYD LIGHTNER
7550 E PLYMELL RD
PIERCEVILLE, KS 67868

8b. Landowner(s)
New to system

Person ID **58600**
Add Seq# _____

R F LET IT RIDE LLC
11480 S BEEFLAND RD
GARDEN CITY, KS 67846

8d. WUC/ Landowner
New to system

Person ID **10522**
Add Seq# _____

D LIGHTNER FARMS INC
12505 S HUTTON RD
PIERCEVILLE, KS 67868

9. Documents and Enclosure(s): DWR Meter(s) Date to Comply: **12/31/2020** N & P Date to Comply: **3/1/2021**

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: **7/20/2020** By: **AM**
Date Entered: _____ By: _____

File No. **15943** 11. County: **FI** Basin: **ARKANSAS RIVER** Stream: _____ Formation Code: **211/331** Special Use: _____

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

DEL **37271**

ENT **SW NE SW** **32 26S 31W** **1378 3898** **800 250 800 250 19353**

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
						NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				
CHK 10868	5	27S	31W	1						L-3 40.12	L-4 40.10	40	40								160.22	8d	Y	19353	
CHK 37042	32	26S	31W	2			40	40													80	8c	N	19353	
CHK 40179	32	26S	31W	1	40	40			33	40	40	40									233	8d	N	19353	
CHK 58398	32	26S	31W	5					7												7	8a	N	19353	
CHK 58399	32	26S	31W	6									40	40	40	40					160	8b	N	19353	

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

July 20, 2020

GERALD W LIGHTNER
7450 E LEAR RD
PIERCEVILLE, KS 67868-9709

RE: Water Right, File Nos. 15943 & 19353

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.

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, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:am
enclosures

pc: R F Let it Ride LLC
D Lightner Farms Inc
Lloyd Lightner
GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 20th day of July, 2020, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 15,943 and 19,353 dated 20th day of July, 2020 was mailed postage prepaid, first class, US mail to the following:

GERALD W LIGHTNER
7450 E LEAR RD
PIERCEVILLE, KS 67868-9709

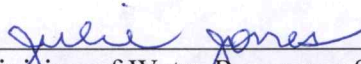
Pc:

R F LET IT RIDE LLC
11480 S BEEFLAND RD
GARDEN CITY, KS 67846

D LIGHTNER FARMS INC
12505 S HUTTON RD
PIERCEVILLE, KS 67868

LLOYD LIGHTNER
7550 E PLYMELL RD
PIERCEVILLE, KS 67868

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. 15943

RECEIVED
4:30 pm
JUN 12 2020

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: Gerald Lightner 7450 E LEAR RD PIERCEVILLE KS, 67868 - 9709

Phone Number: () _____ Email address: _____

Name and address of Water Use Correspondent: D LIGHTNER FARMS INC 12505 S HUTTON RD PIERCEVILLE, KS 67868

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** 6-12-20 **Check #** 9505

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the SE Quarter of the NW Quarter of Section 32, Township 26 South, Range 31 W, in Finney County, Kansas, 2700 feet North 3360 feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 1 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 NE SW Quarter of the SW NE Quarter of the SW Quarter of Section 32, Township 26 South, Range 31 W, in Finney County, Kansas, 1378 feet North 3898 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 _____

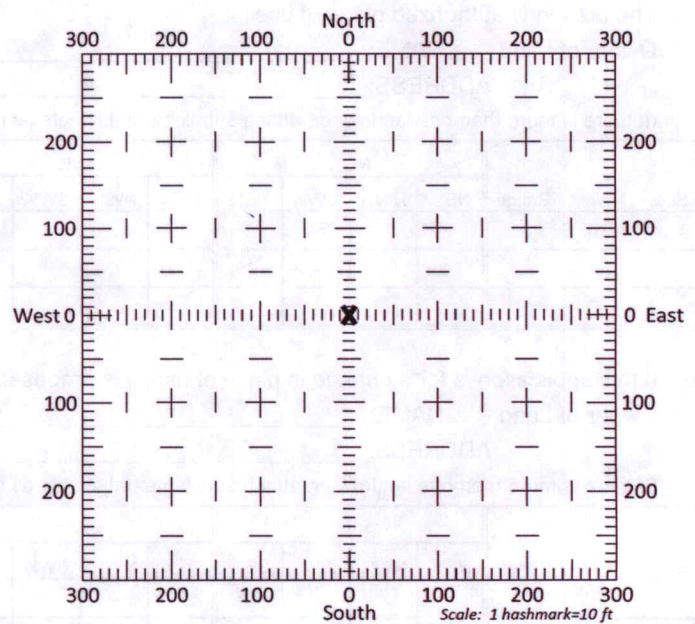
6. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ 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) _____

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 GCFO/SZ



- 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 June 12, 2020, Kansas, this 12 day of June, 20 20.

D. Lightner Farm Inc
By [Signature]
(Owner)

(Spouse)

Gerald W Lightner
(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 12 day of June, 20 20.

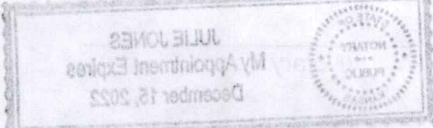
Gretchen R. Artman
My Commission Expires 11-18-2020 Gretchen R Artman
Notary Public

My Commission Expires 11-18-2020.

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. 15943.

1. A change application was received on June 12, 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: [Signature]
Duly Authorized Designee of the Chief Engineer
(Print Name): MICHAEL A. MEYER
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: July 20, 2020

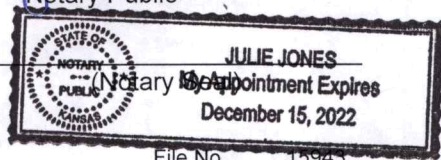
State of Kansas)
) SS

County of Linney)

Acknowledged before me on July 20, 2020
by Michael A. Meyer

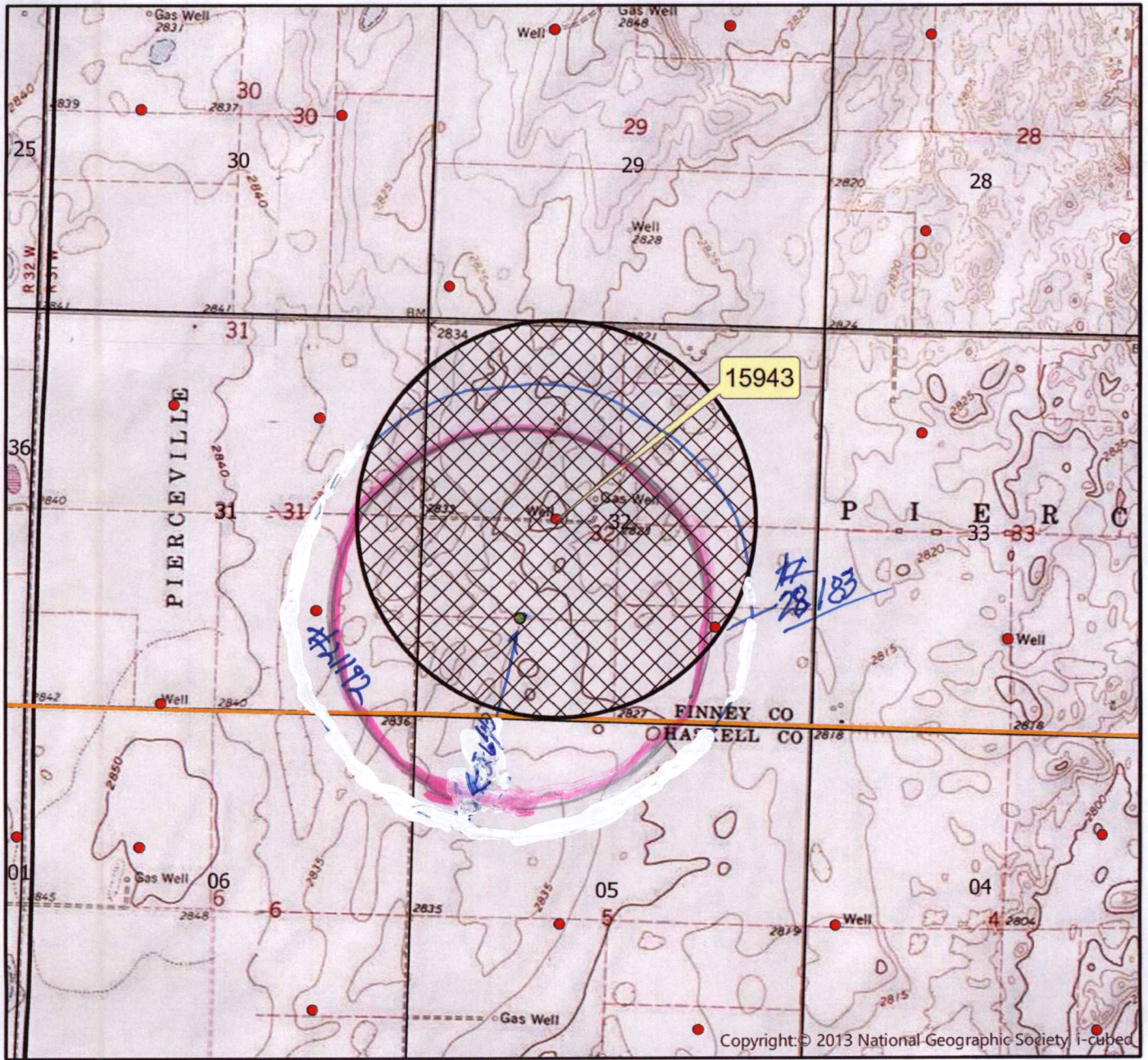
Signature: [Signature]
Notary Public

My commission expires: _____

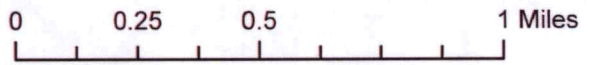


Point

CHANGE IN PLACE OF DIVERSION WATER RIGHT, FILE NO. 15943



Township 26 South Range 31 West
Finney County



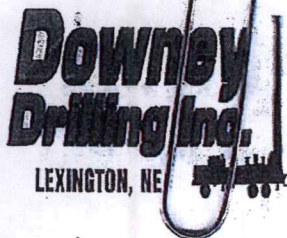
- Authorized Point of Diversion
- Proposed Point of Diversion
- 1/2 mile buffer

All wells of any kind within 1/2 mile of the requested place of use have been plotted.



(Signature)

Created by: SZ/GCFO



WELL LOG

15943
19353

DATE: 3/2/2018

CUSTOMER NAME: GERALD LIGHTNER

LEGAL: SW 32-26S-31W

COUNTY: FINNEY

GPS: 37 44' 24.71" N

-100 44' 19.46

#1
CENTER

37.740197 -100.738739

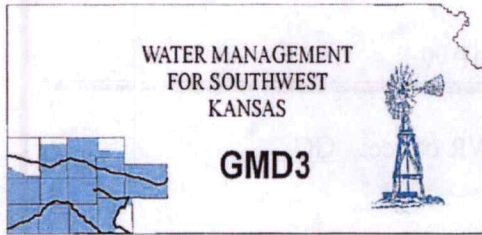
DRILLER: CHRIS P

WO#: 18-107

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	1	TOP SOIL (SANDY)	SOFT	DARK	FAST		SMOOTH
	1	33	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
	33	66	FINE-MEDIUM GRAVEL	SOFT	RED	FAST		SLIGHT CHATTER
X	66	83	FINE-MEDIUM GRAVEL AND SOME COARSE GRAVEL	SOFT	RED	FAST		CHATTER
	83	107	COARSE SAND, FINE GRAVEL, AND MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
	107	134	SILTY CLAY	SOFT	TAN	SLOW		SMOOTH
	134	146	SILTY CLAY AND TRACES OF MEDIUM SAND	SOFT	TAN	SLOW		CHOPPY AT TIMES
X	146	166	SILTY CLAY AND MEDIUM-COARSE SAND	SOFT	TAN	FAST		SLIGHT CHATTER
	166	178	SILTY CLAY AND CLAY	FIRM	TAN	SLOW		SMOOTH
x	178	224	COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
X	224	239	COARSE SAND, FINE-MEDIUM GRAVEL, AND THIN SILTY CLAY LAYERS	SOFT	RED	FAST		IN & OUT CHATTER
X	239	267	MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL <u>204' SWL</u>	SOFT	RED	FAST		CHATTER
X	267	296	COARSE SAND, FINE GRAVEL, AND THIN SANDY CLAY LAYERS	SOFT	RED	FAST		IN & OUT CHATTER
	296	309	SILTY CLAY	SOFT	TAN	FAST		SMOOTH
	309	318	MEDIUM-COARSE SAND, FINE-MEDIUM GRAVEL, AND TRACES OF SANDY CLAY	SOFT	RED	FAST		CHATTER
	318	355	MEDIUM-COARSE SAND AND FINE-MEDIUM GRAVEL	SOFT	RED	FAST		CHATTER
	355	400	SILTY SANDY CLAY	SOFT	TAN	SLOW		SMOOTH
X	400	441	FINE-MEDIUM SAND	SOFT	RED	FAST		CHOPPY
	441	455	OCHRE CLAY AND SHALE	FIRM	ORANGE	SLOW		SMOOTH
	455	476	F - MED SAND	SEMI SOFT	LT GRAY	FASTER		IN/OUT CHATTER
X	476	553	MED SAND	SOFT	GRAY	FAST		CHATTER
	553	585	SHALE	FIRM	GRAY	SLOW		SMOOTH
	585	620	SHALE W/SAND LENSES	SEMI FIRM	GRAY	SEMI SLOW		NOT AS SMOOTH

RECEIVED
JUN 11 2020

Garden City Field Office
Division of Water Resources



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

July 20, 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. 15943 & 19353

Dear Mike:

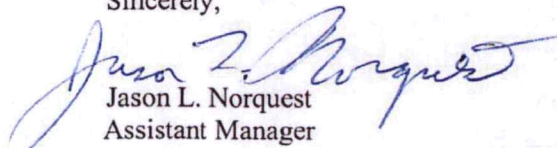
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to distance moved and minimum spacing to neighboring wells.

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 (4.0 ft in cases where saturated thickness range 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 above the maximum allowable threshold and were actually well under that threshold. None of the wells showed critical status. Our office received no comments from neighboring well owners. Therefore, GMD3 sees this move as reasonable and 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

JUL 20 2020

Garden City Field Office
Division of Water Resources

GMD3 Change Review

File No(s): 15943& 19353.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Gerald Lightner.

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) 01 being changed.

	ft. North	ft. West	
Authorized PD	2700	3360	Sect 32-26-31
Proposed PD	1378	3898	
Difference	1322 s	-538 w	
$a^2 + b^2 = c^2$	1747684	289444	1427.28 foot move SW

GPS for proposed PD: Lat: 37.740197 Long: -100.738739.

Is proposed PD stacking on existing WRs? No to current.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: ___.

Name Kleysteuber & Gillen Inc (3796, 12302, 13752 & 2192).

Address 13060 S County RD 20.

Zip Garden City, KS 67846.

Email: kleysteuberandgillen@gmail.com Phone: 620-276-0854

Name Doyle & Anita McGraw (28183).

Address 1207 Kingsbury RD.

Zip Garden City, KS 67846.

Email: doyle.mcgraw@gmail.com Phone: 620-521-1966

Received call from Doyle afternoon of 7/13/20 after getting our notice. His concern was about keeping formations separated with the depth of this well and the upper formation draining to the lower. Doyle had a conversation a few weeks ago about redrilling one of his wells, but he was asking more if there was any cost share available or would the cost be all on him. We discussed the analysis but no other major concern expressed at this point.

Domestic well(s) notified: Taken care of above.

Name ___.

Address ___.

Zip ___.

Base Acres: ___.

Perfected Acres: ___.

Irr. Return-Flow ___%

GMD3 Change Review

No recent inspection with the well running.

Log shows roughly 212' saturated thickness.

2010-2019: 216.5AF/Year (No use reported in 2019) Authorized 463AF combined on this well.

Is a waiver needed: Move less than half mile. Minimum spacing appears to be met. Analysis showed the proposed change would be within the allowed effects for neighboring wells Individually the changes are under the allowable effects, only a couple of domestics, if still used are in both areas. One response from notices, but no official concern.

Recommendation: After review of all available information, proposal appears to meet current area rules. Staff therefore recommends approval of he applicaitons.



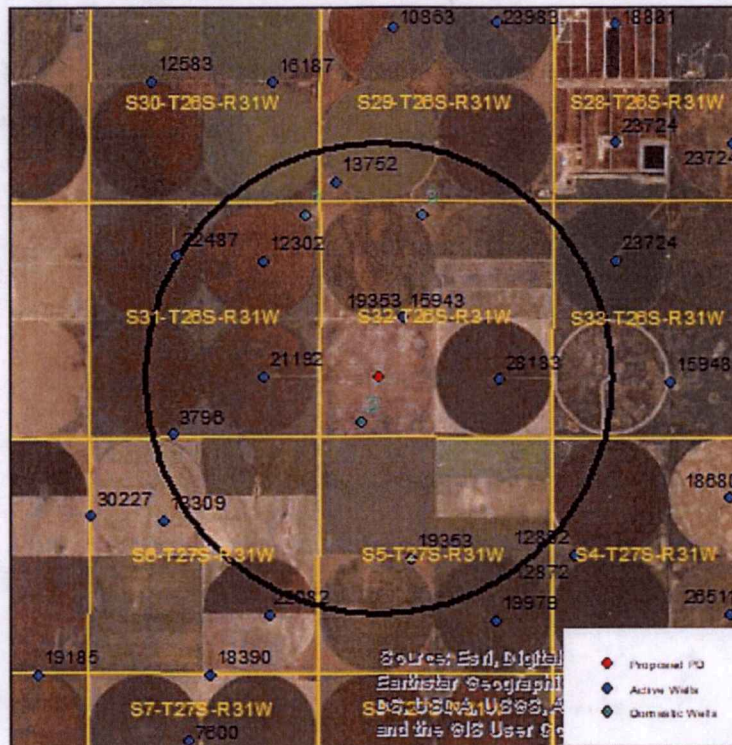
RECEIVED

JUL 20 2020

Garden City Field Office
Division of Water Resources

Evaluation of proposed move for Water Right Nos 15943 & 19353

Proposed: Move water right nos. 15943 & 19353 a distance of 1,445 ft to the southwest.



Wells within 1 mile: 28183, 13752, 12302, 21192, 3796, 19353, and 3 domestic wells, numbered on the above map. Note that water right number 19353 on the map was not evaluated because there is a current proposal to move that well to a location further than 1 mile from this proposal.

The saturated thickness at the proposed well location is estimated to be 279 ft, based upon an observation well in section 9-27-31. 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:

$S = 0.2847$, $T = 23,659 \text{ ft}^2/\text{day}$, $tp_{\text{current}} = 120 \text{ days}$ (presumed pumping time due to no observed rate),
 $Q_{\text{current}} = 408 \text{ gpm}$ (based upon 120 days operation), $tp_{\text{proposed}} = 131 \text{ days}$, $Q_{\text{proposed}} = 800 \text{ gpm}$

Theis drawdowns were calculated as follows:

28183: Drawdown from current location = 0.73 ft
Drawdown from proposed location = 1.47 ft
Net drawdown = 0.7 ft

13752: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.09 ft
Net drawdown = **0.5 ft**

12302: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.240 ft
Net drawdown = **0.6 ft**

21192: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 1.52 ft
Net drawdown = **0.9 ft**

3796: Drawdown from current location = 0.44 ft
Drawdown from proposed location = 1.04 ft
Net drawdown = **0.6 ft**

19353: Drawdown from current location = 0.46 ft
Drawdown from proposed location = 1.15 ft
Net drawdown = **0.7 ft**

Domestic 1: Drawdown from current location = 0.64 ft
Drawdown from proposed location = 1.18 ft
Net drawdown = **0.5 ft**

Domestic 2: Drawdown from current location = 0.74 ft
Drawdown from proposed location = 2.37 ft
Net drawdown = **1.6 ft**

Domestic 3: Drawdown from current location = 0.77 ft
Drawdown from proposed location = 1.22 ft
Net drawdown = **0.5 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.

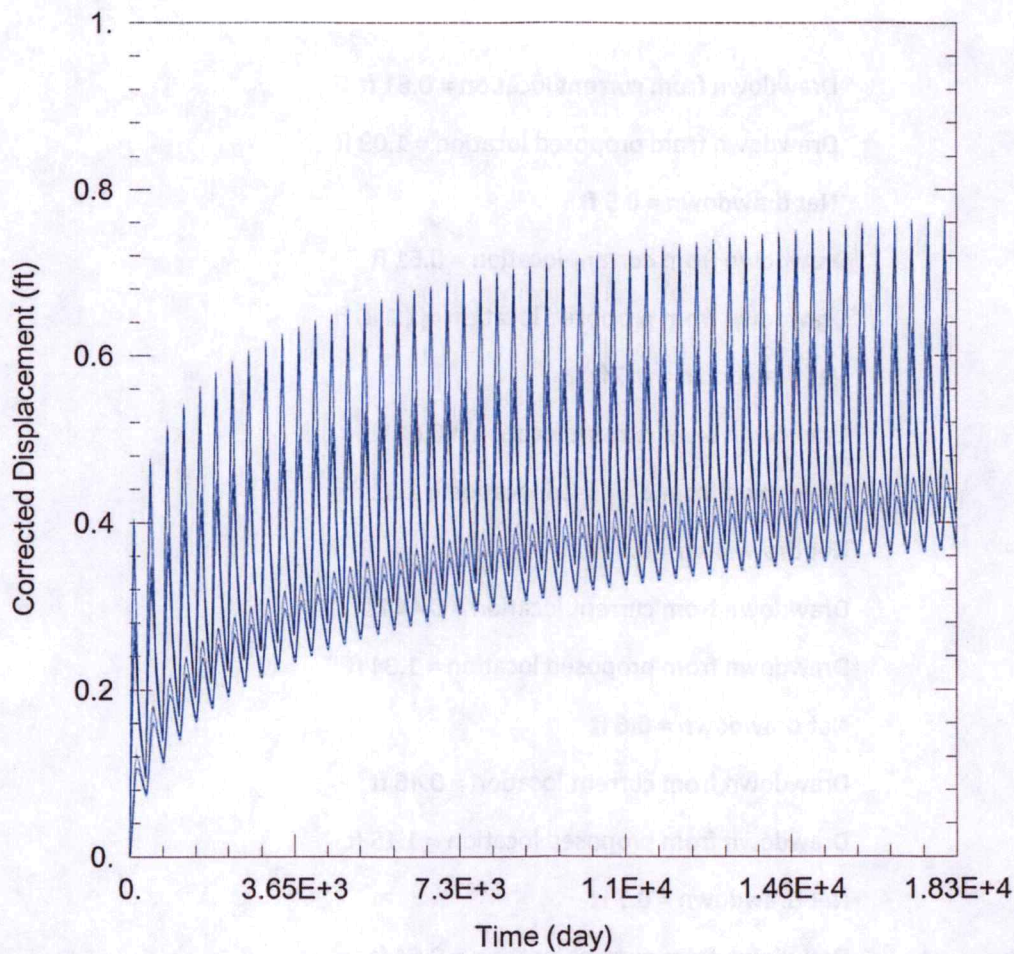
Conclusion:

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.

RECEIVED

JUL 20 2020

Garden City Field Office
Division of Water Resources



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\15943_19353\15943_19353 Current.aqt
 Date: 07/10/20 Time: 16:41:47

PROJECT INFORMATION

Company: GMD 3
 Project: 15943 & 19353
 Location: Finney County
 Test Well: 15943 & 19353

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
15943 & 19353	18126	316363

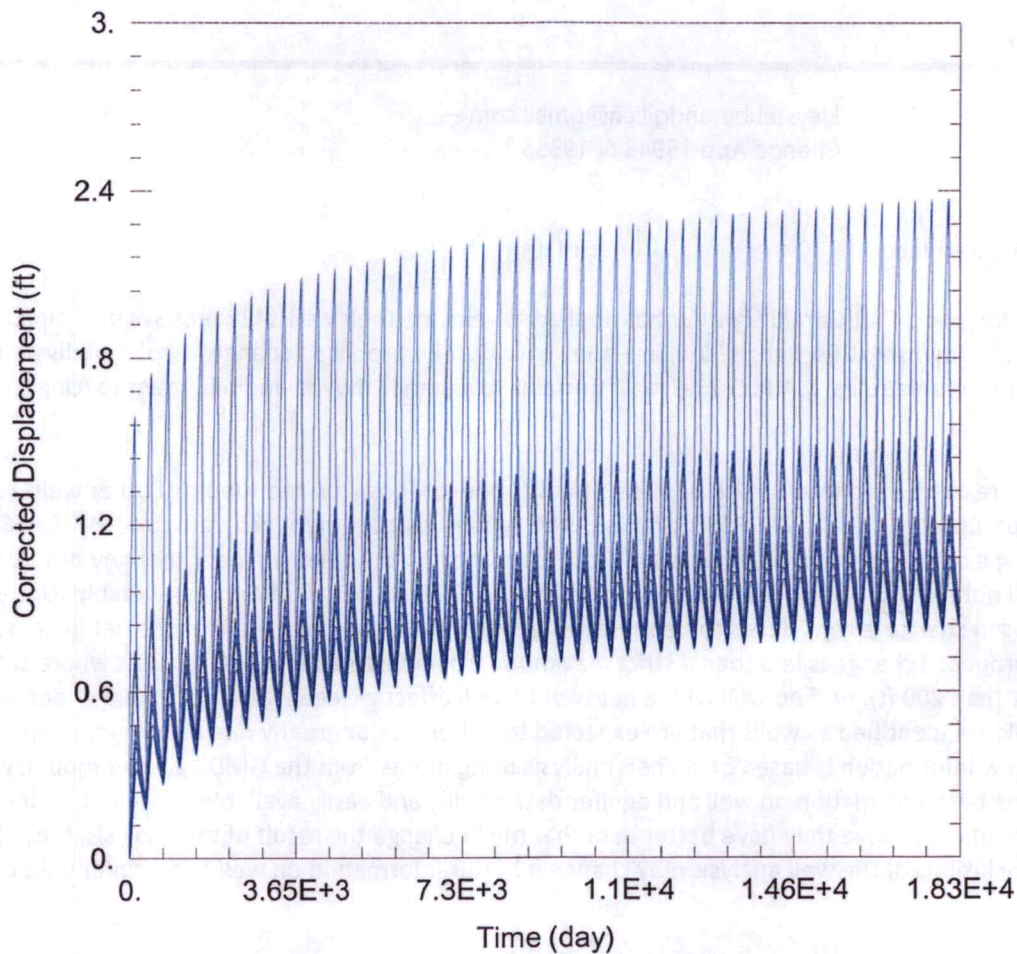
Observation Wells

Well Name	X (ft)	Y (ft)
□	18126	316363
□ 28183	20278	314974
□ 13752	16616	319434
□ 12302	14941	317636
□ 21192	14966	315058
□ 3796	12934	313760
□ 19353	18315	310960
□ Domestic 1	15909	318681
□ Domestic 2	17176	314023
□ Domestic 3	18536	318680

SOLUTION

Analysis Model: Unconfined

Solution Method: Thief



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2020_moves\15943_19353\15943_19353 Proposed.aqt
 Date: 07/10/20 Time: 16:41:41

PROJECT INFORMATION

Company: GMD 3
 Project: 15943 & 19353
 Location: Finney County
 Test Well: 15943 & 19353

RECEIVED

JUL 20 2020

Garden City Field Office
 Division of Water Resource

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
15943 & 19353	17554	315037

Observation Wells

Well Name	X (ft)	Y (ft)
□	17554	315037
□ 28183	20278	314974
□ 13752	16616	319434
□ 12302	14941	317636
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□ 19353	18315	310960
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□ Domestic 3	18536	318680

SOLUTION

Analysis Model: Unconfined

Solution Method: Theis

Jason Norquest

To: kleysteuberandgillen@gmail.com
Subject: Change App 15943 & 19353

Dear Kleysteuber & Gillen Inc.:

This is to inform you that Gerald Lightner has applied to relocate their well 1427 feet SW of their current well location in Section 32, Township 26s, Range 31w, in Finney county. 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. An analysis was 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 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. 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.

A copy of the full change application can be found on the Division of Water Resources site: <https://www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices> The results of the analysis can be found at: <http://www.gmd3.org/what-we-do/well-to-well-analysis/> Please review the analysis for the proposed change to Water Rights 15943 & 19353. If you have any questions or wish to provide better information, please contact our office by July 16, 2020. If no response is provided to our office, we will proceed with our recommendation to the Chief Engineer.

Thank you for the for your time to review the application and to provide any information. If you have any questions, please don't hesitate to contact us.

Jason Norquest
Assistant Manager, GMD3
Cell: 620-271-1289
Office: 620-275-7147
www.gmd3.org

Jason Norquest

To: doyle.mcgraw@gmail.com
Subject: Change App 15943 & 19353

Dear Kleysteuber & Gillen Inc.:

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Jason Norquest
Assistant Manager, GMD3
Cell: 620-271-1289
Office: 620-275-7147
www.gmd3.org

RECEIVED

JUL 20 2020

Garden City Field Office
Division of Water Resources

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

July 6, 2020

SOUTHWEST KANSAS GROUNDWATER
MANAGEMENT DISTRICT NO. 3
2009 E SPRUCE ST
GARDEN CITY KS 67846

Re: Water Right, File No. 15943

Dear Mr. Norquest:

This is to advise you that Gerald Lightner, 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 files. The application is proposing a to move the current authorize point of diversion that meets regulations.

We are delaying action on the change applications 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, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosures

D. Engelhaupt
7/6/2020

This analysis of application to change point of diversion, File Nos.15,943 and 19,353

A 50-year Theis analysis was used to evaluate the potential impacts of a proposed change in point of diversion for File Nos. 15,943 and 19,353. The impacts were evaluated at a point of diversion authorized by File No. 28,183, located approximately 2,572 feet east of the proposed new location. The impact of pumping the authorized quantity (463 acre-feet) at the authorized rate (800 gallons per minute) at the proposed location was compared to pumping the 1991-2007 average use (397 acre-feet) at the last reported rate (750 gallons per minute). The assumed transmissivity of 11,647 square-feet per day is the average projected 2068 transmissivity from the GMD No. 3 groundwater model for Township 26 South, Range 31 West, Section 32. The model projects the average saturated thickness in 2068 to be 102 feet for this section. A specific storage of 10^{-5} was assumed resulting in a storativity of 102×10^{-5} . Under these assumptions the maximum dynamic drawdown at the point of diversion authorized by File No. 28,183 is increased by 0.70 feet, or 0.68% of the projected saturated thickness (Table 1).

Table 1: This analysis of drawdown at File No. 28,183; $T = 11,673 \text{ ft}^2/\text{day}$; $S = 0.001$

Scenario	Distance (Feet)	Quantity (Acre-Feet)	Rate (GPM)	Drawdown (Feet)	Drawdown (%ST)
Proposed	2,572	463	800	8.17	8.01%
Current	2,539	397	750	7.47	7.33%
			Net:	0.70	0.68%

Meyer, Mike [KDA]

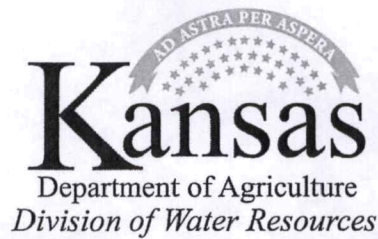
Subject:

File No. 15943

June 29, 2020, doyle mcgraw visited the office to address concerns of the redrill well in section 32. doyle has File No. 28183 on the SE¼ of same section. his well is marginal and knows that by allowing the referenced water right to be redrilled down to over 600' deep, it will affect his well. he doesn't understand why we allow people to go that deep for the last drop of water. he has had issues in the past being next door to them and is greatly concerned that if they get a good well, they will pipe water across all of their farms which will lead to more water use and drawdown to his well. he objects the proposal.

Mike

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

June 19, 2020

DOYLE D & ANITA S MCGRAW
1207 KINGSBURY RD
GARDEN CITY, KS 67846-3329

RE: Water Right, File No. 15943 & 19353

Dear Sir and Madam:

This is to advise you that Gerald Lightner has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to point of diversion under the above referenced application. An irrigation well is proposed to be relocated.

You can find the complete application posted by water right file number as referenced above at www.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 may 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 to call this office. If you would prefer, an appointment could be arranged 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 "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Pc:

Groundwater Management District No. 3

SCANNED

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

June 19, 2020

SYBIL MICCO
12373 W CONNECTICUT DR
LAKEWOOD, CO 80228

RE: Water Right, File No. 19353

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Michael A. Meyer
Water Commissioner

MAM
Pc:

Groundwater Management District No. 3

SCANNED

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

June 19, 2020

ELLEN MORRIS ALAKA
2722 LA GOLONDRINA ST
CARLSBAD, CA 92009-4324

RE: Water Right, File No. 19353

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Groundwater Management District No. 3

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