

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

1. File Number: 42758	2. Status Change Date: <i>6-6-2024</i>	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: 06/06/2024
8a. Applicant(s) New to system <input type="checkbox"/> WARREN M & AMANDA R WILLIS 613 ROAD N HUGOTON, KS 67951		Person ID 59134 Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____		8d. WUC New to system <input type="checkbox"/> 8a Person ID _____ Add Seq# _____		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2024 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2025				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 6/06/2024 By: MAM Date Entered: _____ By: _____				

File No. **42758** 11. County: **SV** Basin: **ARKANSAS RIVER** Stream: Formation Code: **211** Special Use:

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

DEL 83198

ENT	SWNESE	24	33S	40W				1664	1062			750	240	0	240	41295
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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 50528																									

Base Acres: **120** 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 6, 2024

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

RE: Field Office Application for Change
Water Right, File Nos. 41295 & 42758

Dear Sir:

Enclosed is an order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals 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 documents referred to above, they 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:
Enclosures

pc:
GMD3

CERTIFICATE OF SERVICE

On this 6th day of June 2024, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 41,295 and 42758 dated 6th day of June 2024 was mailed postage prepaid, first class, US mail to the following:

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

pc:

GMD3

A handwritten signature in blue ink that reads "Julie Jones". The signature is written in a cursive style and is positioned above a horizontal line.

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
 4:31 pm
 MAY 09 2024

File No. 42758

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: Warren Willis

613 Road N, Hugoton, KS 67951

Phone Number: 620-428-1063 Email address: _____

Name and address of Water Use Correspondent: Warren M & Amanda R Willis

613 Road N, Hugoton, KS 67951

Phone Number: 620-428-1063 Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: Warren M & Amanda R Willis

ADDRESS: 613 Road N, Hugoton, KS 67951

(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 5-9-24 Check # 9718

5. **Presently authorized point of diversion:**
 One in the NE Quarter of the NE Quarter of the NW Quarter of Section 25, Township 33 South, Range 40W (E/W), in Morton County, Kansas, 5010 feet North 2840 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. _____ GPS 5075 feet North 2813 feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the SW Quarter of the NE Quarter of the SE Quarter of Section 24, Township 33 South, Range 40W (E/W), in Morton County, Kansas, 1664 feet North 1062 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 42758

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) Loss of production.

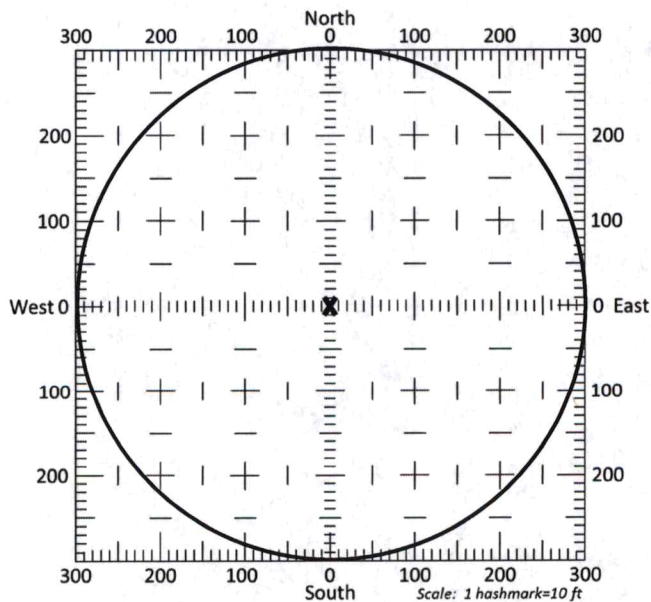
8. If a well, is the test hole log attached? Yes No

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

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

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by EAV



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

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

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

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

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

Dated at Hugoton, Kansas, this 9 day of May, 2024.

Waner Willis

 (Owner)

Warren Willis

 (Please Print)

 (Owner)

 (Please Print)

 (Owner)

 (Please Print)

Amenda Willis

 (Spouse)

Amenda Willis

 (Please Print)

 (Spouse)

 (Please Print)

 (Spouse)

 (Please Print)

State of Kansas }
 County of Stevens } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 9th day of May, 2024.

NOTARY PUBLIC - State of Kansas
AREN McBRIDE
 My Appt Expires 07/06/2026

[Signature]
 Notary Public

My Commission Expires 07/06/26

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. 42758

- 1. A change application was received on May 10, 2024 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
- 2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
- 3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
- 4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
- 5. The point(s) of diversion authorized herein shall not actually be located more than 2640 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, 2024**, 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, 2024**, or within any authorized extension of time. By March 1, 2025 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 6, 2024

State of Kansas)
) SS

County of Finney)

Acknowledged before me on June 6, 2024

by Michael A. Meyer

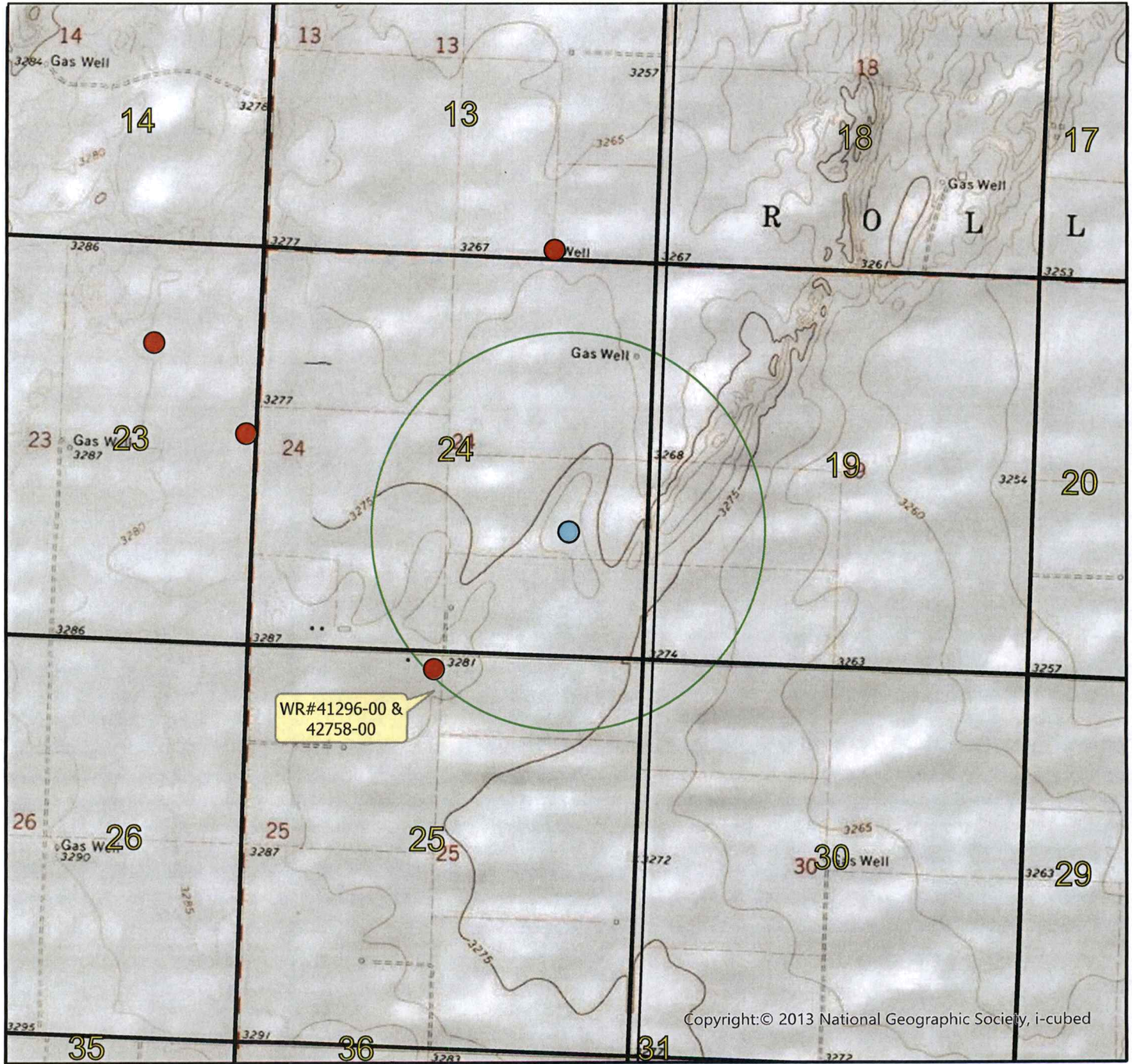
Signature: Julie Jones
Notary Public

My commission expires:

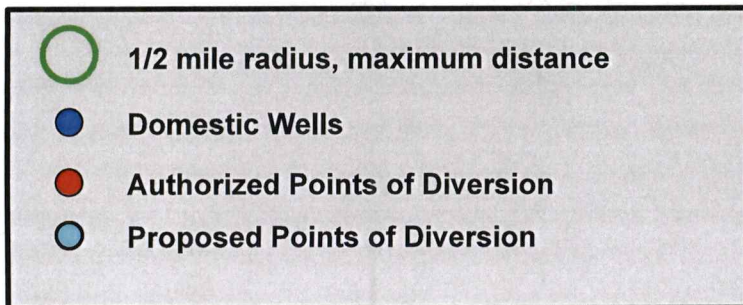
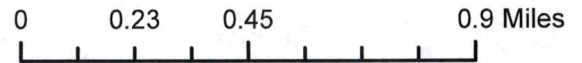


WR 42758

Preliminary Map as of 05/06/2024. Using data given to the DWR by the customer.
Based on the best information that was received and in the DWR files as of the above date.



Township 33 South Range 40 West
Morton County



EAV/GCFO

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



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

WARREN WILLIS CELL 620-428-1063

Customer Name: Warren Willis WO#: 26928 Date: 5-1-24
 Street Address: 613 ROAD N Test #: 3 E LOG: Yes
 City, State: HUGOTON KS 67951 Driller: Dale Guinn
 County: Morton Quarter: SE Section: 24 Township: 33 Range: 40
 Location: _____ GPS: N37.16077 W101.61352
 Rig #: 1000A Elevation: 3277' Static WL: 100 FT Estimated? _____
 Proposed Well Depth 373

REPLACEMENT WELL LOCATION

%	Footage			Description of Strata	80' SAMP 41925 @ 42758
	From	Pay	To		
	0		2	Top Soil "Sandy"	
	2		9	Sand Fine	
	9		30	Brown Sandy Clay	
	30		34	Sand Fine Med Course Small Med Few Large Gravel	
	34		57	Tan Sandy Clay	
	57		71	Brown + Red Sandy Clay	
	71		81	Brown Sandy Clay	
	81		84	Sand Fine Med	
	84		90	Brown Clay	
20	90	9	109	Sand Fine Med Some Course	
5	109	14	123	Tan Sandy Clay & Fine Sand Mixed	
30	123	17	142	Sand Fine Med Course Small Gravel w/Brown Rock "Used Water"	
10	142	38	180	Sand Fine w/Few Clay Layers	
5	180	22	202	Tan Sandy Clay w/Some Fine Sand Layers	
10	202	12	214	Sand Fine w/Few Clay Layers	
	214	(23)	237	Brown Sandy Clay	
10	237	24	261	Sand Fine Few Med w/Couple Clay Layers	
25	261	32	293	Sand Fine Med Few Course "Used Water"	
	293	(6)	299	Brown Sandy Clay	
10	299	54	353	Sand Fine w/Couple clay Layers "Used Little Water"	
	353		358	Brown Sandy Clay	
	358	(30)	364	Lime Rock + Caliche	
	364		383	Soapstone + Red Clay	
5	383	22	405	Sandstone & Some Red Clay	
	405		420	Bed Bed	
				Super Gel X	-3
				Hole Plug	-6
				Perma Plug	-1
				4 3/4 Drag Blade	-1

Warren Willis

Test Hole # 3 of 5-1-24


SE 24-33-40 MT

Replacement well location.

FILE #'s 41925 & 42758

Replaces existing well in the
NE, NW 25-33-40 MT

Legend

 37.16077 N 101.61352 W

51

25

 37.16077 N 101.61352 W

25

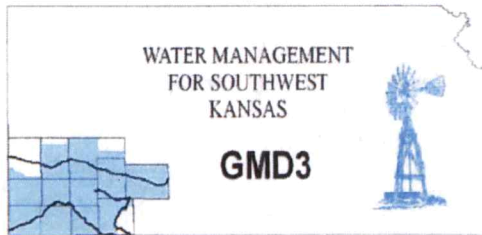
24 Rd

Google Earth

Image © 2024 Airbus



4000 ft



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

May 24, 2024

Michael A. Meyer
Division of Water Resources
4532 W Jones Ave., Suite B
Garden City, Kansas 67846

RECEIVED

MAY 24 2024

Garden City Field Office
Division of Water Resources

RE: Application for Change in Point of Diversion
Water Right, File No. 41295 & 42758

Dear Mike:

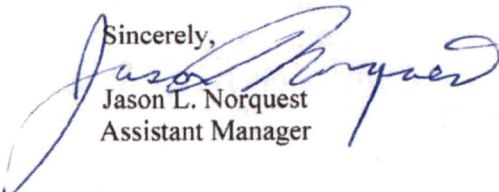
We have completed a review of the applications for the above referenced water rights. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

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

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that some of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed further evaluation. No critical wells were determined. Therefore, GMD3 sees these moves as meeting current rules and would recommend approval with better information given to ensure that neighboring wells are not adversely affected. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

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

Sincerely,


Jason L. Norquest
Assistant Manager

GMD3 Change Review

File No(s): 41295, 42758

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Warren Willis.

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) 04 being changed.

	ft. North	ft. West	
Authorized PD	5010	2840	Sect 25-33-40
Proposed PD	1664	1062	Sect 24-33-40
Difference	1934 n	1778 e	
a2 + b2 = c2	3740356	3161284	2627.097 foot move NE

GPS for proposed PD: Lat: 37.16077 Long: -101.61352.

Is proposed PD stacking on existing WRs? Keep overlap.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Van F Mangels Living Trust %Van & Lois Mangels (30589, 41057).

Address 15305 Ohio st.

Zip Omaha, NE 68116.

Email: laurieh@pld.com Phone: .

Name Dwayne & Vickie Hull (42160).

Address 1404 S Main St.

Zip Hugoton, KS 67951.

Email: vhull@pld.com Phone: .

Domestic well(s) notified: .

Name .

Address .

Zip .

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

Morton County

Both authorized 240AF/WR for total of 480AF @ 855gpm

Current well around 400+'

Proposed well depth of 373'

348gpm calculated during 2022 GMD3 inspection

GMD3 Change Review

2014-2023 avg reported use = 264.9AF/year

Is a waiver needed: Move is less than half mile. Minimum well spacing appears to be met. Analysis showed that the proposed move does not appear to create any critical wells.

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

A handwritten signature in blue ink, consisting of a large, stylized 'J' followed by a smaller, more complex mark that could be interpreted as '9' or a similar character.

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

1664 Feet N and 1062 Feet W of the Southeast Corner of Section 24 Twp 33S Rng 40W
 Located at: 101.613519 West Longitude and 37.160769 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	30589	00	IRR	NK	G				3725	--	--	CS	SE	100	1340	13	33	40W	1	196.00	196.00
A__ AF	41057	00	IRR	NK	G				3725	--	--	CS	SE	100	1340	13	33	40W	1	43.00	43.00
A__ AF	41295	00	IRR	NK	G*				2639	--	NE	NE	NW	5010	2840	25	33	40W	4	240.00	240.00
A__ AF	42160	00	IRR	NK	G				4543	--	SE	SE	NE	2800	110	23	33	40W	4	777.00	460.00
A__ AF	42758	00	IRR	NK	G*				2639	--	NE	NE	NW	5010	2840	25	33	40W	4	240.00	240.00

2100 }
 2300 } 480

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) =	1179.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1179.00	.00

Maximum Spacing
 Appears 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:

1664 Feet North and 1062 Feet West of the Southeast Corner of Section 24 Twp 33S Rng 40W
 Located at: 101.613519 West Longitude and 37.160769 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

- > VAN F MANGELS LIVING TRUST
- > VAN & LOIS MANGELS TTEE
- > 15305 OHIO ST
- > OMAHA NE 68116
-
- > VAN F MANGELS LIVING TRUST
- > VAN & LOIS MANGELS TTEE
- > 15305 OHIO ST
- > OMAHA NE 68116
-
- > WARREN M & AMANDA R WILLIS
- >
- > 613 ROAD N
- > HUGOTON KS 67951
-
- > DWAYNE & VICKIE HULL
- >
- > 1404 S MAIN ST
- > HUGOTON KS 67951
-
- > WARREN M & AMANDA R WILLIS
- >
- > 613 ROAD N

30589

41057

41295

42160

42758

Application

Application

> HUGOTON KS 67951

>-----

=====

Domestic 19-33-39: Drawdown from current location = 3.03 ft
Drawdown from proposed location = 10.9 ft
Net drawdown = **7.9 ft**

Net drawdown exceeds the drawdown allowance for the well authorized under water right nos. 30589 & 41057, and the domestic well in section 19-33-39. Critical well analysis was performed for those wells.

Critical Well Evaluation:

30589 & 41057:

Water Column = 304 ft

DP = 4.65 ft (Net drawdown from the proposal indicated above)

DE = 5.1 ft (Water level decline from 2024 through 2049 based upon GMD3 model)

DD = 37.1 ft (S = 0.1679, T = 5346.2 ft²/day, Q = 589 gpm, tp = 68 days, efficiency = 70%)

DT = 46.9 ft

Economic Drawdown Constraint (EDC) = 0.4 * 304 ft = 121.6 ft

Physical Drawdown Constraint (PDC) = 304 ft – 60 ft = 244.0 ft

Total drawdown of 46.9 ft is less than the EDC and the PDC, so this well is **not critical**.

Domestic 19-33-39:

Water Column = 287.3 ft

DP = 7.88 ft (Net drawdown from the proposal indicated above)

DE = 6.6 ft (Water level decline from 2024 through 2049 based upon GMD3 model)

DT = 14.5 ft

Economic Drawdown Constraint (EDC) = 0.4 * 287.3 ft = 114.9 ft

Physical Drawdown Constraint (PDC) = 287.3 ft – 20 ft = 267.3 ft

Total drawdown of 14.5 ft is less than the EDC and the PDC, so this well is **not critical**.

Conclusion:

The proposed move is in an area with abundant saturated thickness. The water rights' authorized rate and quantity is very large and if fully utilized, effects may be noticeable. Nearby wells with larger effects were analyzed and found to not be critical because there is sufficient saturated thickness to support current water uses. Concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.

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

May 10, 2024

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

Re: Request for Recommendation
Water Right, File Nos. 41295 & 42758

Dear Mr. Norquest:

This is to advise you that Warren Willis has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion.

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 that reads "Michael A. Meyer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Michael A. Meyer
Water Commissioner

MAM
Enclosures