

File No. **10798** 11. County: **HS** Basin: **CIMARRON 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 75864
ENT **NW NW NW** **5** **31S 32W** **4980** **4765** **1890** **628.5** **1890** **628.5** **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 11196																									
CHK 24052																									
CHK 34043																									

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

November 10, 2022

RUTH E WRIGHT
PO BOX 864
SUBLETTE, KS 67877

RE: Filed Office Application for Change
Water Right, File No. 10798

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 "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:
GMD #3

CERTIFICATE OF SERVICE

On this 10th day of November, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 10,798 dated 10th day of November, 2022 was mailed postage prepaid, first class, US mail to the following:

RUTH E WRIGHT
PO BOX 864
SUBLETTE, KS 67877

Pc:

GMD 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. 10798

RECEIVED
 11:00 AM
 SEP 30 2022

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: ~~RUTH WRIGHT~~ RUTH E. WRIGHT TRUST

~~2108 US HIGHWAY 83 SUBLETTE KS 67877-8040~~ P.O. Box 864, SUBLETTE KS. 67877

Phone Number: (620) 260-6919 Email address: _____

Name and address of Water Use Correspondent: SAME AS ABOVE GENE WRIGHT, TRUSTEE

Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:

Owner of Land --- NAME: NO CHANGE

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES		
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼			

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land --- NAME: _____

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				

For Office Use Only: Code _____ Fee \$ 200.00 TR # _____ Receipt Date 9-30-22 Check # 1793

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the SW Quarter of the SW Quarter of Section 33, Township 30 South, Range 32 (W), in HASKELL County, Kansas, 193 feet North 4735 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 04 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 5, Township 31 South, Range 32 (W), in SEWARD County, Kansas, 4980 feet North 4765 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 600'
 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 _____ (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 _____ (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

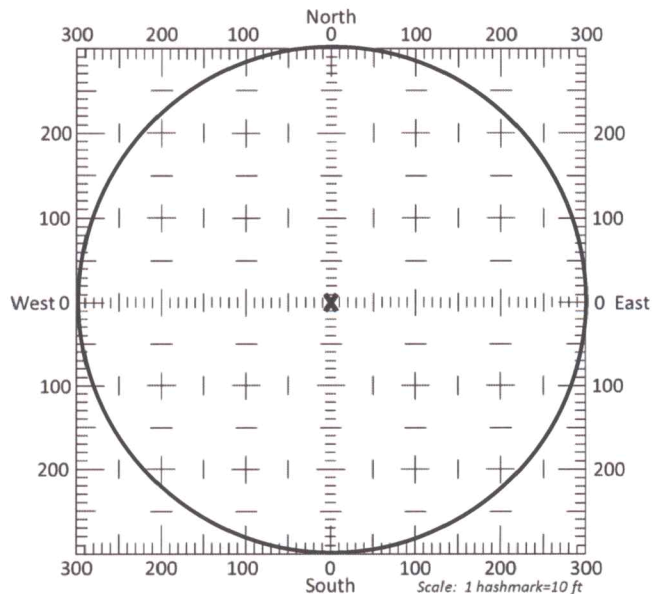
8. If a well, is the test hole log attached? Yes No

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 AM / GCFO



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

13b. If the proposed point of diversion will be relocated within 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.)**

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



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

GENEWRIGHT HM 620-675-2747 CELL 620-260-6919

Customer Name: Ruth E. Wright, Trust WO#: 24102 Date: 7-28-22
 Street Address: PO Box 864 Test #: 1 E LOG: Yes
 City, State: SURGETTE, KS 67877 Driller: Dale Guilan
 County: Seward Quarter: NW Section: 5 Township: 31 Range: 32
 Location: GPS: N37.38696 W100.83170
 Rig #: 10002 Elevation: 2887' Static WL: _____ Estimated? 328ft.
 Proposed Well Depth 607

REPLACEMENT WELL LOCATION 10' SUMP

%	Footage			Description of Strata
	From	Pay	To	
	0		2	Top Soil
	2		20	Brown Sandy Clay
	20		64	Brown Sandy Clay w/ Fine Sand Layers
	64		84	Sand Fine Med Course Small Few Med Gravel
	84		87	Brown, White & Gray Clay
	87		115	Brown Clay
	115		119	Sand Fine Med
	119		133	Reddish Brown Sandy Clay & Fine Sand Mixed
	133		139	Sand Fine Med Course Some Small Gravel
	139		145	Brown Sandy Clay
	145		186	Sand Fine Med Course Small Gravel
	186		196	Brown Sandy Clay
	196		299	Sand Fine Med Course Small
	299		320	Sand Fine Med w/ Few Clay Strainers
25	320	10	330	Sand Fine Med Course Few Small Gravel
20	330	11	341	Sand Fine Med Course "Little Stiff"
25	341	55	396	Sand Fine Med Course Few Small Gravel
5	396	28	424	Fine Sand & Clay Mixed
	424		440	White Sandy Clay
15	440	44	484	Sand Fine w/ couple clay layers
	484		493	Soapstone
15	493	7	500	Sandstone & Brown Rock
5	500	24	524	Sandstone & Soapstone
15	524	38	562	Sandstone
5	562	35	597	Sandstone & Soapstone
	597		600	Red Bed
				Super Gel X - 5
				Soda Ash - 1
				Hot Plug - 8
				Perm Plug - 1
				4 3/4 Drag Blade - 1

Ruth E. Wright, Trust

Test Hole # 1 of 7-28-22,
REPLACEMENT WELL LOCATION
NW 5-31-32 SW

FILE # 10798

Legend

 37.38696 N 100.83170 W

 37.38696 N 100.83170 W

0

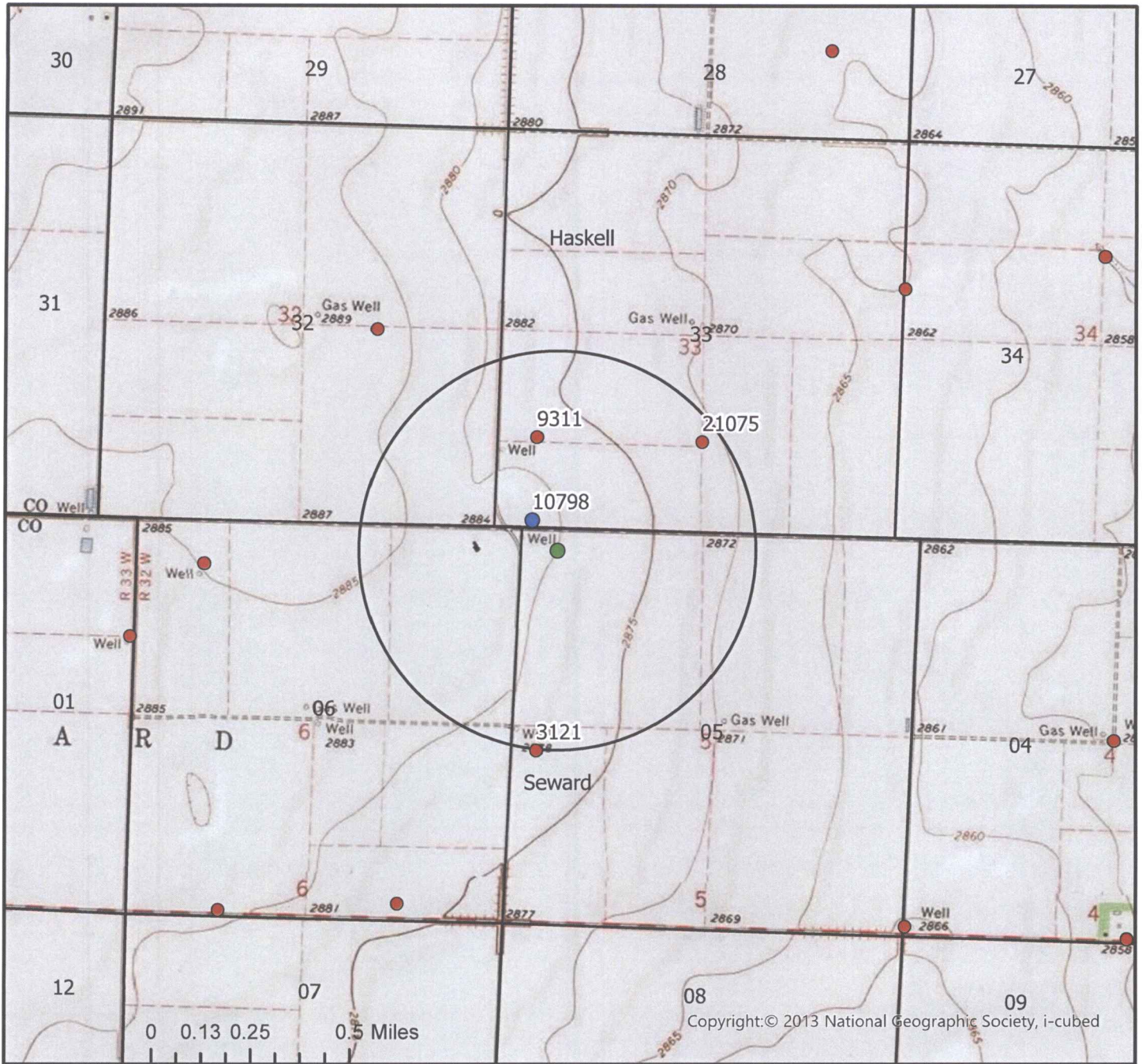
0
N
N

Google Earth

3000 ft

CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 10798

NW 1/4 of Section 5 Township 31 South Range 32 West Seward County



	Authorized Point of Diversion
	Proposed Point of Diversion
	Permitted Water Right
	Domestic Well within 1/2 mile
	1/2 mile buffer

List of owner name and addresses within 1/2 mile:

- WR 9311: OWNED BY APPLICANT
- WR 21075: DON L & JEWEL NIGHTINGALE
1105 E 7TH ST DOUGLASS KS 67039
- WR 3121: JASON B VAUGHAN
PO BOX 913 SUBLETTE KS 67877 - 0913

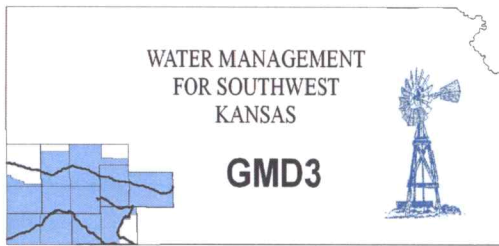


By signing below I agree that all wells, including domestic, and owners names and addresses within 1/2 mile of the proposed point of diversion have been shown on the map

(Signature)

Date

Date AM/GCFO
1:24,000 Scale



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

November 7, 2022

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

RE: Application for Change in Point of Diversion
Water Right, File No. 10798

Dear Austin:

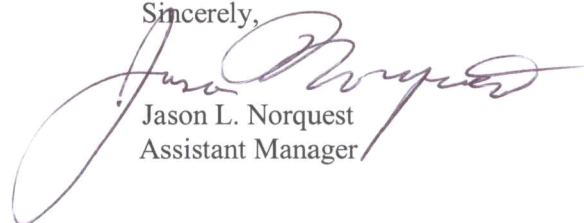
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

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 (3.5 ft with saturated thickness is between 150-200ft), 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 several of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed further evaluation. That evaluation showed the potential of the wells could be critical, if the proposed well is pumped at maximum authority. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval with verification that there will not be adverse effects to neighboring wells. 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

NOV 09 2022

GMD3 Change Review

File No(s): 10798 . DWR office: GC.

App filed to change: PD .

Is Landowner(s) correct in WRIS: Ruth Wright Trust .

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	193	4735	Sect 33-30-32
Proposed PD	4980	4765	Sect 5-31-32
Difference	493 s	-30 e	
a2 + b2 = c2	243049	900	493.9119 foot move S

GPS for proposed PD: Lat: 37.38696 Long: -100.83170.

Is proposed PD stacking on existing WRs? No .

Is Proposed PU overlapping existing WRs? No Change .

Neighboring certified well(s) notified: .

Name Harlod D Stapleton Estate %Leroy Stapleton (459, 590, 9878).

Address PO Box 548.

Zip Sublette, KS 67877.

Email: bfarms@ucom.net Phone: 620-668-5694.

Name Jason B Vaughan (3121).

Address PO Box 913.

Zip Sublette, KS 67877.

Email: Vaughan.jasonb@gmail.com Phone: 620-629-5716.

Name Don L & Jewell Nightingale (21075).

Address 1105 E 7th St.

Zip Douglas, KS 67039.

Email: 4jneudorf@gmail.com Phone: 620-805-1155.

Domestic well(s) notified: .

Name Justin Marcellus (NE 6-31-32).

Address 1303 Calhoun Ave.

Zip Liberal, KS 67901-2324.

Name Billy B Peters (NE 6-31-32).

Address 13802 Road 28.

Zip Kismet, KS 67859.

GMD3 Change Review

Base Acres: __.

Perfected Acres: __.

Irr. Return-Flow __%

Haskell/Seward county

Authorized: 628.5AF @ 1890gpm

Avg. WUR (2012-2021): 243.8AF/year

550gpm reported on 2017 WUR

GMD3 2019 inspection calculated 525gpm.

Proposed depth 328'

Is a waiver needed: Move is less than half mile. Minimum spacing is met to all wells, except 9311, which is owned by the applicant. Spacing to that well is improved.

Analysis show the potential for critical wells if the proposed well is pumped at full authority.

Recommendation: After review of all available information, it appears current area rules are met. We recommend verification that there will not be harm to neighboring wells in the future with the approval of this application.



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

4980 Feet N and 4765 Feet W of the Southeast Corner of Section 5 Twp 31S Rng 32W

Located at: 100.831701 West Longitude and 37.386960 North Latitude

Both SURFACE WATER and GROUNDWATER

2300' on all

File Number	Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	
A__ AF	459 00	IRR	NK	G	5147	↙	SE	SW	SE	223	1427	6	31	32W	4		900.00	900.00	
A__ AF	590 00	IRR	NK	G	4716	↙	--	--	--	4662	4129	6	31	32W	1		640.00	640.00	
A__ AF	3121 00	IRR	NK	G	2669	↙	--	NW	NW	SW	-----	5	31	32W	1		480.00	480.00	
A__ AF	9311 00	IRR	NK	G	1498	↙	--	NW	SW	SW	1170	4756	33	30	32W	5		640.00	640.00
A__ AF	9878 00	IRR	NK	G	4716	↙	--	--	--	4662	4129	6	31	32W	1		606.00	.00	
Same AF					5147	↙	--	SE	SW	SE	223	1427	6	31	32W	4		146.00	.00
Same AF					5147	↙	--	SE	SW	SE	223	1427	6	31	32W	4		146.00	.00
A__ AF	10798 00	IRR	NK	G*	560	↔	--	SW	SW	SW	193	4735	33	30	32W	4		628.50	628.50
A__ AF	18957 00	IRR	NK	G	3890	↙	--	NE	NW	SE	2589	1777	32	30	32W	2		320.00	320.00
A__ AF	21075 00	IRR	NK	G	2412	↙	--	NW	SW	SE	1195	2613	33	30	32W	2		320.00	320.00

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	3928.50	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3928.50	.00

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:

4980 Feet North and 4765 Feet West of the Southeast Corner of Section 5 Twp 31S Rng 32W

Located at: 100.831701 West Longitude and 37.386960 North Latitude

Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

- > HAROLD D STAPLETON ESTATE
- > LEROY STAPLETON *459*
- > PO BOX 548
- > SUBLETTE KS 67877
-
- > HAROLD D STAPLETON ESTATE
- > LEROY STAPLETON *590*
- > PO BOX 548
- > SUBLETTE KS 67877
-
- > JASON B VAUGHAN *3121*
- > PO BOX 913

> SUBLETTE KS 67877

> RUTH WRIGHT

> 2108 US HIGHWAY 83

> SUBLETTE KS 67877

9311

Applicant: has spacing improved

> HAROLD D STAPLETON ESTATE

> LEROY STAPLETON

> PO BOX 548

> SUBLETTE KS 67877

9878

> RUTH WRIGHT

> 2108 US HIGHWAY 83

> SUBLETTE KS 67877

10798

Application

> RUTH WRIGHT

> 2108 US HIGHWAY 83

> SUBLETTE KS 67877

18957

Applicant

> DON L & JEWEL NIGHTINGALE

> 1105 E 7TH ST

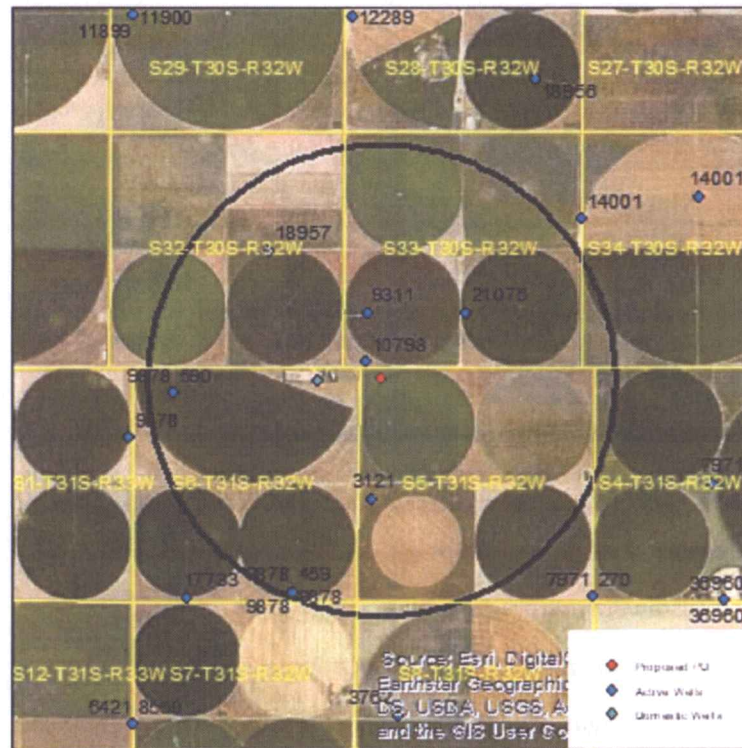
> DOUGLASS KS 67039

21075

=====

Evaluation of proposed move for Water Right No. 10798

Proposed: Move water right no. 10798 to a new well location, 528 ft to the southeast.



Wells within 1 mile: 18957, 9311, 21075, 590 & 9878, 459 & 9878, 3121, and a domestic well in section 6-31-32.

The saturated thickness at the proposed well location is estimated to be 163 ft, based upon the GMD3 model. For saturated thickness between 150 ft and 200 ft, the drawdown allowance is 3.5 ft.

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

$S = 0.1602$, $T = 8701 \text{ ft}^2/\text{day}$, $tp_{\text{current}} = 105 \text{ days}$, $Q_{\text{current}} = 525 \text{ gpm}$, $tp_{\text{proposed}} = 75 \text{ days}$,
 $Q_{\text{proposed}} = 1890 \text{ gpm}$

Theis drawdowns were calculated as follows:

18957:	Drawdown from current location = 1.70 ft
	Drawdown from proposed location = 4.01 ft
	Net drawdown = 2.3 ft
9311:	Drawdown from current location = 3.35 ft
	Drawdown from proposed location = 7.91 ft
	Net drawdown = 4.6 ft

21075: Drawdown from current location = 2.05 ft
Drawdown from proposed location = 5.69 ft
Net drawdown = **3.6 ft**

590 & 9878: Drawdown from current location = 1.39 ft
Drawdown from proposed location = 3.47 ft
Net drawdown = **2.1 ft**

459 & 9878: Drawdown from current location = 1.23 ft
Drawdown from proposed location = 3.28 ft
Net drawdown = **2.1 ft**

3121: Drawdown from current location = 1.77 ft
Drawdown from proposed location = 5.23 ft
Net drawdown = **3.5 ft**

Domestic 6-31-32: Drawdown from current location = 3.23 ft
Drawdown from proposed location = 8.24 ft
Net drawdown = **5.0 ft**

Net drawdown exceeds the drawdown allowance of 3.5 ft for all wells under water right numbers 9311, 21075, and the domestic well in section 6-31-32. Critical well analysis was conducted for those wells.

Critical Well Evaluation:

9311:

Water Column = 167 ft

DP = 4.6 ft (Net drawdown from the proposal indicated above)

DE = 59.1 ft (Water level decline from 2022 through 2047 based upon GMD3 model)

DD = 18.1 ft ($S = 0.1377$, $T = 12,778 \text{ ft}^2/\text{day}$, $Q = 625 \text{ gpm}$, $tp = 108 \text{ days}$, efficiency = 70%)

DT = 81.8 ft

Economic Drawdown Constraint (EDC) = $0.4 * 167 \text{ ft} = 66.8 \text{ ft}$

Physical Drawdown Constraint (PDC) = $167 \text{ ft} - 60 \text{ ft} = 107 \text{ ft}$

Total drawdown of 81.8 ft is greater than the EDC, so this well is **critical**.

21075:

Water Column = 167 ft

DP = 3.6 ft (Net drawdown from the proposal indicated above)

DE = 59.1 ft (Water level decline from 2022 through 2047 based upon GMD3 model)

DD = 11.9 ft ($S = 0.1377$, $T = 12,778 \text{ ft}^2/\text{day}$, $Q = 405 \text{ gpm}$, $tp = 120 \text{ days}$, efficiency = 70%)

DT = 74.6 ft

Economic Drawdown Constraint (EDC) = $0.4 * 167 \text{ ft} = 66.8 \text{ ft}$

Physical Drawdown Constraint (PDC) = $167 \text{ ft} - 60 \text{ ft} = 107 \text{ ft}$

Total drawdown of 74.6 ft is greater than the EDC, so this well is **critical**.

Domestic 6-31-32:

Water Column = 173 ft

DP = 5.0 ft (Net drawdown from the proposal indicated above)

DE = 56.7 ft (Water level decline from 2022 through 2047 based upon GMD3 model)

DT = 61.7 ft

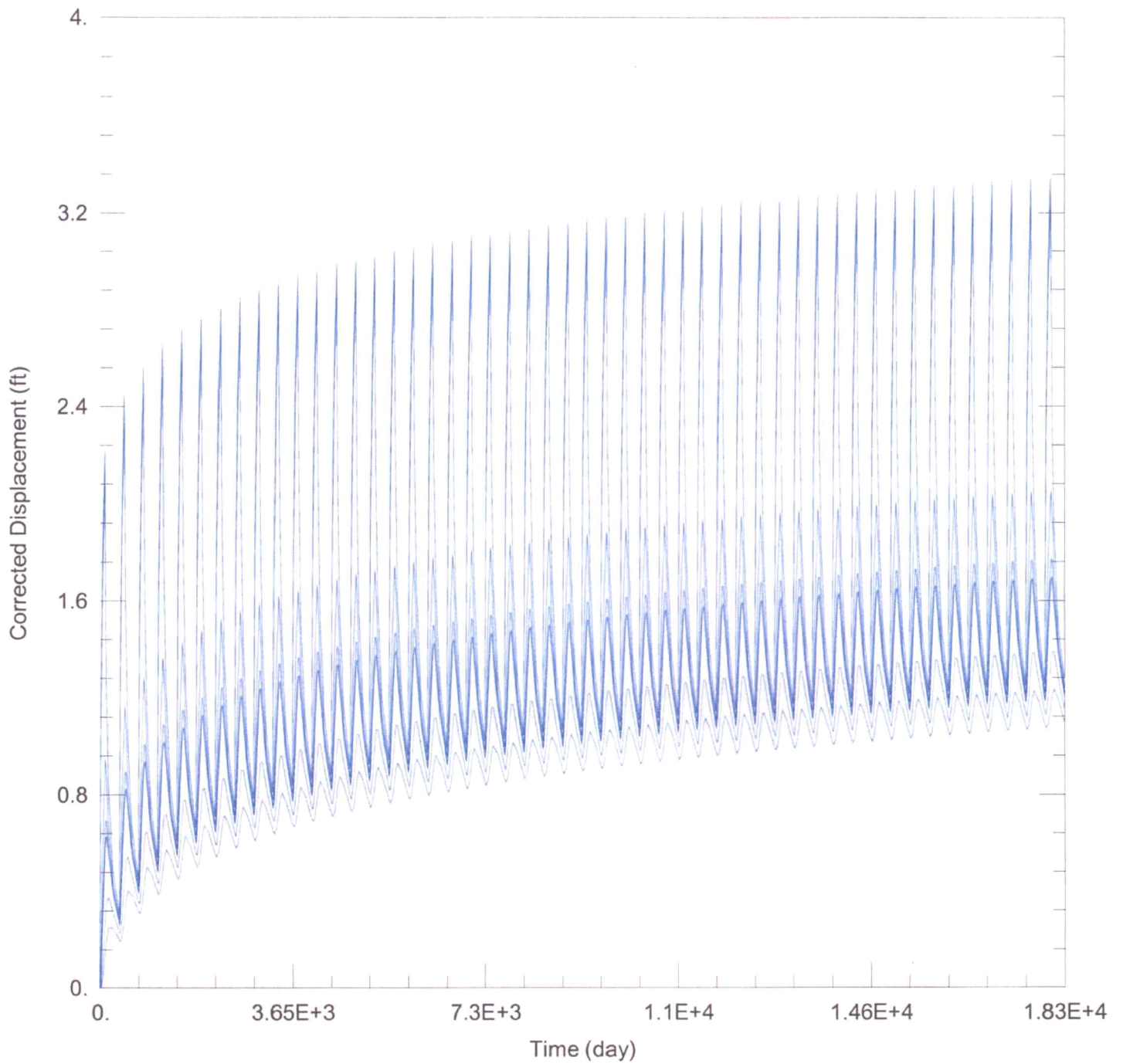
Economic Drawdown Constraint (EDC) = $0.4 * 173 \text{ ft} = 69.2 \text{ ft}$

Physical Drawdown Constraint (PDC) = $173 \text{ ft} - 20 \text{ ft} = 153 \text{ ft}$

Total drawdown of 61.7 ft is less than the EDC and PDC, so this well is **not critical**.

Conclusion:

The proposed move is in an area with declines in saturated thickness exceeding 2 ft per year. Water right numbers 9311 and 21075 were flagged as critical because after accounting for aquifer drawdown at their current level of production, more than 40% of the remaining aquifer will be lost over the next 25 years. If the proposed well were to pump its full authorized authority, there would be an additional well-to-well interaction effect on these wells that may be noticeable. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

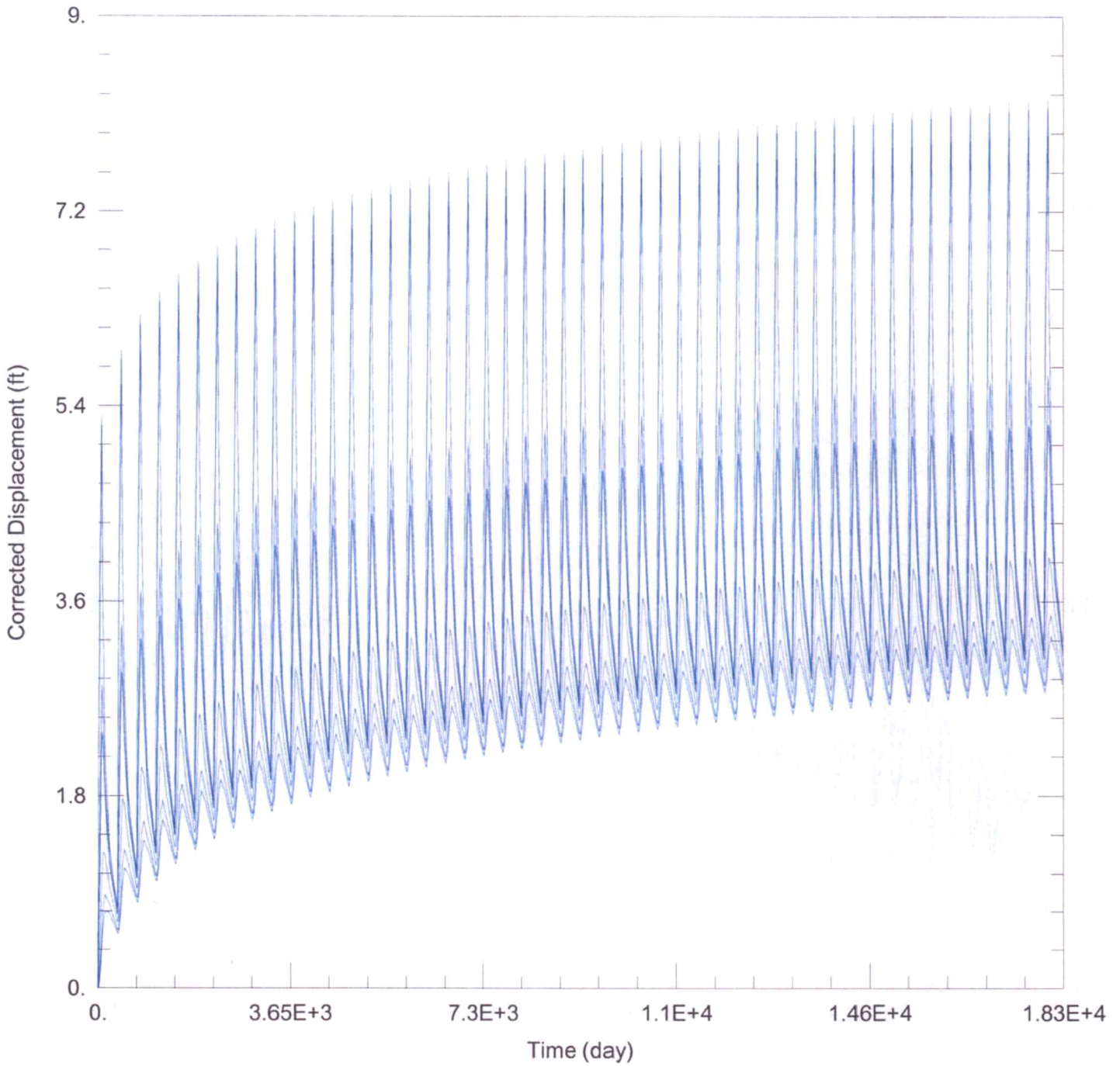
Data Set: C:\Users\trevora\Documents\2022_moves\10798\10798 Current.aqt
 Date: 11/03/22 Time: 15:39:34

PROJECT INFORMATION

Company: GMD 3
 Project: 10798
 Location: Seward County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
10798	-9720	186802	□	-9720	186802



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\10798\10798 Proposed.aqt
 Date: 11/03/22 Time: 15:39:28

PROJECT INFORMATION

Company: GMD 3
 Project: 10798
 Location: Seward County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
10798	-9372	186405	□	-9372	186405

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

October
~~September~~ 21, 2022

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

Re: Request for Recommendation,
File No. 10798

Dear Sir or Madam:

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

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

A handwritten signature in blue ink that reads "Austin McColloch".

Austin McColloch
Assistant Water Commissioner

Enclosure
pc:

Garden City Field Office
4532 W. Jones, Suite B
Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

October 3, 2022

JASON B VAUGHAN
PO BOX 913
SUBLETTE, KS 67877-0913

RE: Application for Change
Water Right, File No. 10798

Dear Sir or Madam:

This is to advise you that Gene Wright has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced applications. An irrigation well is proposed to be relocated to the NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 5, Township 31 South, Range 32 West, Seward County.

You can find the complete applications posted by water right file number as referenced above at:
www.Agriculture.ks.gov/DWRNotices

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

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

Sincerely,

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

Austin J. McColloch
Assistant Water Commissioner

AM:

pc:

SCANNED

Garden City Field Office
4532 W. Jones, Suite B
Garden City, KS 67846



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

Mike Beam, Secretary

Laura Kelly, Governor

October 3, 2022

DON L & JEWEL NIGHTINGALE
1105 E 7TH ST
DOUGLASS, KS 67039

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Water Right, File No. 10798

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Austin J. McColloch
Assistant Water Commissioner

AM:

pc:

SCANNED