# Kansas Department of Agriculture Division of Water Resources

# CHANGE: P/D WORKSHEET

1. File Number:	2. Status Change Date:	3. Change Num:	4. Field Office:	5. GMD:
42562	12-6-2023	C2	04	03
6. Status: ☐ Approved ☐ Deni	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				11/22/2023
8a. LANDOWNER,	Person ID <b>67986</b>	8c. Correspon		Person ID
New to system □	Add Seq#	New to sy	stem 🔀	Add Seq#
TYLER DEAN & SARAH 1000 SOUTH MADISON S HUGOTON, KS 67951				
8b. Landowner(s), New to system □	Person ID Add Seq#	8d. correspor		Person ID 67986 Add Seg#
· · · · · · · · · · · · · · · · · · ·			_	
9. Documents and Enclosure(s): 🛛 DV	VR Meter(s) Date to Comp	ly: <b>12/31/2024</b>	N & P Date to	Comply: 3/1/2025
☐ Anti-Reverse Meter ☐ Meter	Seal 🛛 Check Valve	☑ N & P Form	☑ Water Tube	riller Copy
☐ Conservation Plan Date Requir	ed: Da	ite Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: <b>12/6/2</b>	23 By: <b>MAM</b>
			Date Entered:	Ву:

File No. <b>42562</b>		11. County:	sv	Ва	ısin: CI	MARI	RON R	IVER			S	tream:							Fo	ormation Co	ode: <b>21</b> 1	Special Use:	
12. Points of Dive	rsion														Rate	and Q	uantity						
CHK MOD DEL PDIV															A	Authori	zed		А	dditional			
ENT	Qualifier	S	Т	R	ID		'N	ʻW		Com	ment	(AKA I	Line)		Rate		Quanti af	ty	Rate gpm		ntity af	Overlap PD Files	
DEL 60034																							
ENT	SWSWSE	17	35	38W	1	19	90	214	8					1	595		500		1595	50	0	NONE	
13. Storage: Rate	13. Storage: RateNF Quantityac/ft Additional RateNF Additional Quantityac/ft																						
14. Limitation:		af/yr at	t				gpm (_				cfs) wl	nen co	mbine	d with	file nu	umber	(s)						
Limitation:		af/yr at	t				gpm (_				cfs) wl	nen co	mbine	d with	file nu	umber	(s)						
15. 5YR Allocation:	Allocation	Туре	Sta	rt Yea	r	_	5 YR	Amou	nt		Amo	unt Ur	nit	_	Base	Acres		_ Cd	omment _				
16. Place of Use CHK				NI	Ε1/4			NV	V¹/4			sv	V¹/4			S	E1/4		Total	Owner	Chg?	Overlap Files	
MOD DEL ENT PUSE	S T D	ID	NE	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4					
CHK 50029	<u> </u>	- ID																					
																						*	
Base Acres: 250	Year:	Minim	num Re	easona	ıble Qı	antity	:																
Comments:																							

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



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

Mike Beam, Secretary

Laura Kelly, Governor

December 6, 2023

TYLER DEAN & SARAH TRUJILLO 1000 SOUTH MADISON ST HUGOTON, KS 67951

RE:

Field Office Application for Change

Water Right, File Nos. 42562

Dear Madam or 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 this approval is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

Michael A. Meyer

Water Commissioner

MAM: Enclosures

pc: GMD3

#### **CERTIFICATE OF SERVICE**

On this 6<sup>th</sup> day of December 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 42,562, dated 6<sup>th</sup> day of December 2023 was mailed postage prepaid, first class, US mail to the following:

TYLER DEAN & SARAH TRUJILLO 1000 SOUTH MADISON ST HUGOTON, KS 67951

Pc:

GMD3

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

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.

	. ,				F	ile No	. 4256	2									10%	EIVED 4 5 Am 2 2023
1. /	Application is he	reby n	nade fo	or appr	oval o	f the C	hief E	nginee	r to ch	ange t	he (ch	eck or	e or b	oth):	0	Gard	en City	Field Office
					□ P	lace of	Use		XX	Poin	t of Div	ersion	ľ		D	ivision	of Wa	ter Resource
ı	under the water	right w	hich is	the s	ubject	of this	applic	ation i	n acco	rdance	with t	he cor	ditions	s desc	ribed b	elow.		
1	The source of su	ipply is	S:		X 📉	Groun	dwate	r		Surfac	e wate	er						
	Name and addre						Sarah	Trujillo	<u> </u>									
-	1000 South Madison St, Hugoton, KS 67951  Phone Number: ( ) Email address: tylerdean404@gmail.com																	
	Phone Number:	_							addres	ss: <u>tyle</u>	erdean	404@	gmail.	com				
1	Name and addre	ess of \	Water	Use C	orresp	onden	t: SAN	ИE										
	Dhana Numbari		`					Emoil	addrag			-						
	Phone Number: The presently au							CIIIali	addres									
	Owner of Land -		-															
,			ESS:															
	(If there is more th							eets as	neces	sarv.)								
	<b>(</b>			=1/4				N'/4		<u> </u>	SV	V1/4			SI	Ξ1/4		TOTAL
Sec	. Twp. Range	NE1/4		SW1/4	SE1/4	NE1/4	NW¼		SE1/4	NE1/4		SW1/4	SE1/4	NE1/4	NW1/4		SE1/4	ACRES
	If this application Owner of Land -	NA ADDRI	AME: ESS:												:			
	(ii tiloro lo moro til			=1/4		, pp. 6		N'/4		1	51	N'/4			S	E¼		TOTAL
Sec	c. Twp. Range	NE1/4		SW1/4	SE1/4	NE1/4	NW¼	Г	SE1/4	NE1/4	NW1/4		SE1/4	NE1/4		SW1/4	SE1/4	ACRES
	. TWP. Hange		,															
	For Office Use	Only:	Code		Fe	e \$ <u></u>	00.0	<u>0</u> TR	#		Re	ceipt	Date	1-3-	2-23	Chec	k#(	<u>52</u>

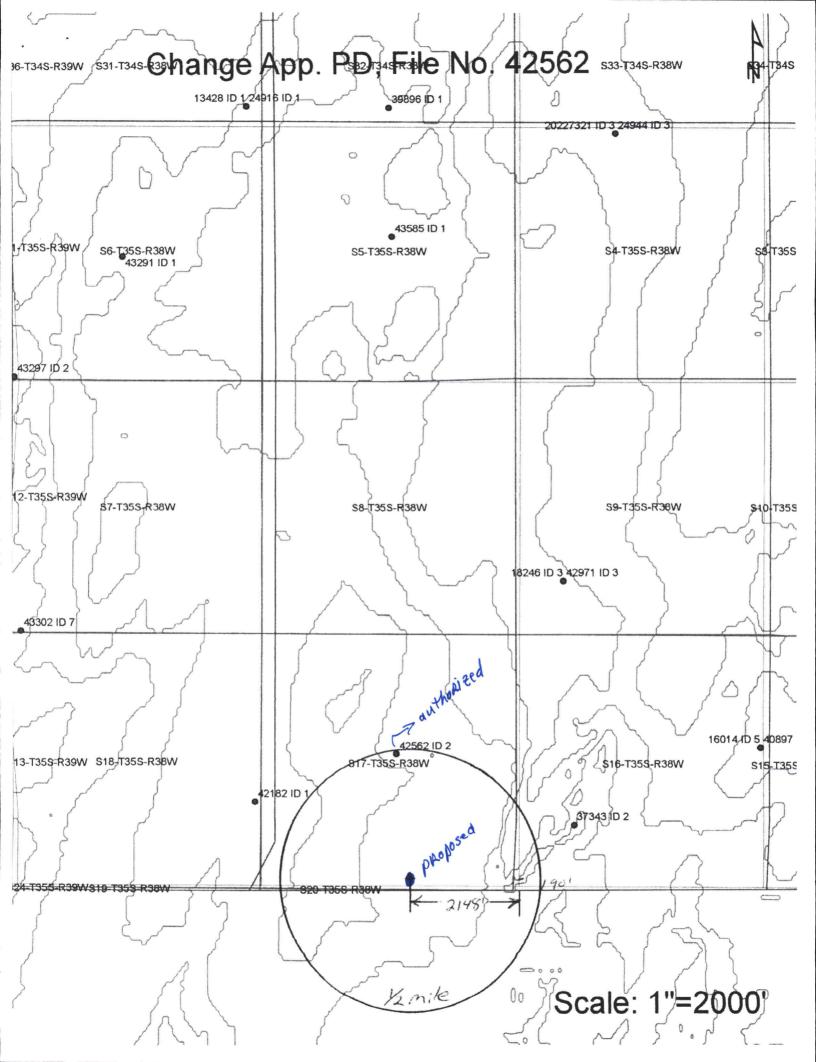
5.	Presently authorized point of dive	ersion:				
	One in theSW	Quarter of the	SW	Quarter of the	NE	Quarter
	of Section17	, Township	35	South, Range	38	W.
- 1	in <u>SV</u> County,					
	Authorized Rate 1595 GPM					
	(DWR use only: Computer ID No.					
	☐This point will not be changed ☐Th					
	Proposed point of diversion: (Con					The state of the s
	One in theSW					
	of Section 17	, Township	35	South, Range	38	W.
	in SV County,					
	Proposed RateF	Proposed Quantity		Proposed well de	epth (feet)	505 .
	This point is:  Additional Well	Geo Center List oth	ner water rig	hts that will use this p	oint	
6.	Presently authorized point of dive	rsion:				
٥.	One in the			Quarter of the		Quarter
	of Section	Township		South Range		(F/\\\)
	in County,					
	Authorized Rate					
	(DWR use only: Computer ID No.	GPS		feet North	feet W	est)
	☐ This point will not be changed ☐ Th	nis point will be changed	as follows:	No change, point bet	ter described with GP	S as follows:
	Proposed point of diversion: (Con					
	One in the					
	of Section	Township		South Range		Quarter
	in County,					
	Proposed RateF	Proposed Quantity	icci Noitii _	Proposed well de	onth (foot)	er or section.
	This point is: Additional Well					
L	This point is. Additional Well	J Geo Genter List off	iei watei iig	into triat will use triis p	OII I.	·
7.	The changes herein are desired for	the following reasons	?			
	(please be specific)			N	lorth	
	LOSS OF PRODUCTION		30		0 100 200	пппп
	<del>-</del> _		E		± '	'∄
8.	If a well, is the test hole log attached?	☐ Yes ☐ No				, ]
			200	-1/+ 1 + 1	= 1 + 1 +,	200
9.	The change(s) (was)(will be) complete	d by?		-/	÷	\=
	AS SOON AS APPROVED		100	$\frac{1}{4} + + + + + + + + + + + + + + + + + + +$	<u> </u>	100
						#
10.	). If the point of diversion is a well:		1		Ξ	<u> </u>
	(a) What are you going to do with the	old well?	West 0	<del>լո</del> վասիափակա	ւ👼 արավումյումի	11 1++= 0 East
	PLUG				<u>-</u>	<del>-</del> <b>]</b>
			100	$\frac{1}{4} + + + \frac{1}{4}$	= 1 + 1 +	<b>≠</b>   100
	(b) When will this be done?			\	= =   +   + = =   +   +	
					T T T	/ 3
11.	Groundwater Management District reco	ommendation attached	? 200	-14 + 1	=   +   +	<b>/</b> 1 → 200
	☐ Yes ☐ No			\ -	= -/-	4
12	2. Assisted by GMD3/JLN				u <u>‡uuluuluulu</u>	قسلس
12.	. Addicted by CIMBOIDER	<del>-</del>	30		0 100 200 South Scale: 1 hashm	
13a	Ba. If the proposed point of diversion will be	e relocated more than 3	00			
	feet but within 2,640 feet of the existing a topographic map or aerial photog	g point of diversion, atta iraph For groundwa	cn 13b.If the ter foot	e proposed point of diving pradius of the existing p	ersion will be reloca point of diversion, ind	icate its location
	sources, show all wells (including dom	estic) within one-half m	ile on th	ne diagram shown abo	ve in relation to the	existing point of
	of the proposed point of diversion and addresses of the owners. For surface	d the names and maili	ng dive	rsion. The proposed n the circle shown ab	point of diversion r	nust be located
	names and addresses of the land	downer(s) one-half m	ile <b>cen</b> t	er of diagram ab	ove represents	the presently
	downstream and one-half mile upstr	eam from your prope	rty auth	orized point of divers	sion.)	

lines

14. If the proposed groundwater point of diversion is 300 or fewer feet from	om the existing point of diversion, complete the following:
<ul> <li>(a) Does the undersigned represent all owners of the currently auth</li> <li>☐ Yes</li> <li>☐ No</li> <li>(If no, all owners must sign this applied)</li> </ul>	
<ul> <li>(b) Will the ownership interest of any owner of the currently autho affected if this application is approved as requested?</li> <li>☐ Yes</li> <li>☐ No</li> <li>(If yes, all owners must sign this app</li> </ul>	
(c) If this application is not approved expeditiously, will there be sub ☐ Yes ☐ No (If no, all owners must sign this appli	
If the application proposes a surface water change in point of diversion, a or a change in place of use, the application must be signed by all owners agent (attach notarized statement authorizing representation).	
I hereby verify, being first duly sworn upon my oath or affirm age and the owner, the spouse of the owner, or a duly author their behalf, in regards to the water right(s) to which this ap contained in this application are true, correct and complete.	rized agent of the owner(s) to make this application on plication pertains. I further verify that the statements
Dated at, Kansas, this	and day of Joumber, 20 23.
Tyler Trigilla	Sarah Trijillo
(Owner) Tyler Tryjllo (Please Print)	(Spouse)  (Van Truille (Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas County of SS	a nl
I hereby certify that the foregoing application was signed in m	by presence and sworn to before me this $AA$ day of
My Commission Expires  JULIE JONES My Appointment Expires December 15, 2026	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all accurate information; maps, if necessary, must be included; signatures of all the at the appropriate fee must be paid.	of the applicable portions of the application form must be completed with appropriate owners' must be affixed to the application and notarized; and
FEE SCHED	<u>ULE</u>
Each application to change the place of use or the point of diversion und forth in the schedule below: Make checks payable to: Kansas Departm  (1) Application to change a point of diversion 300 feet or less  (2) Application to change a point of diversion more than 300 feet  (3) Application to change the place of use	nent of Agriculture

### SUMMARY ORDER APPROVING APPLICATION FOR CHANGE AND IMPOSING CONDITIONS

prov With	s Summary Order is issued under authority of K.S.A. 82a-708b visions of the <i>Kansas Water Appropriation Law, K.S.A. 82a-70</i> b the exception of those conditions expressly contained hereing limitations of File No. 42,57.2	01 et. seg., and rules and regulations promulgated thereunder,						
1.	A change application was received on diversion authorized under the above-referenced file number	requesting that the place of use and / or point of r be changed as described in the application.						
2.	On and after the effective date of this summary order, the aut on the topographic map accompanying the application to ch	horized place(s) of use shall be located substantially as shown ange the place of use.   Applicable   Not Applicable						
3.	The change in point of diversion shall not impair existing rights previously authorized. The point of diversion authorized by radius of the authorized point(s) of diversion. Applicable	this summary order shall be located within a 300 foot						
4.	The point(s) of diversion described herein is administratively Positioning System (GPS), as described in the application.	corrected to be more accurately described using the Global Applicable Not Applicable						
5.	The point(s) of diversion authorized herein shall not actually be authorized point(s) of diversion. Applicable Not	e located more than feet from the previously Applicable						
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a value or other device suitable for making water level maccordance with K.A.R. 5-6-13.	easurements shall be installed, operated and maintained in						
7.	The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 20 24, 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, 20 2/2, or within any authorized extension of time. By March 1, 20 2/5 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 require	ed notice. Applicable 🔲 Not Applicable						
10.	All diversion works into which any type of chemical or other for with an in-line, automatic, quick-closing check valve capable check valve(s) shall be installed, operated and maintaine Applicable	reign substance will be injected into the water shall be equipped to of preventing pollution of the source of the water supply. The						
11.	Additional Conditions are attached. Yes No							
12.	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.							
1	Administrative Appeal and Effective Date of Order							
you Eng Agri filed adm day revide File Leg 665	iew must state a basis for review pursuant to K.S.A. 77-527. e any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS 602. Failure to timely request a hearing or review may clude review under the Kansas Judicial Review Act.  For Use by Register of Deeds  JULIE JONES	By:  Duly Authorized Designee of the Chief Engineer  (Print Name): Division of Water Resources - Kansas Department of Agriculture  Date of Issuance:  State of Kansas  County of  Acknowledged before me on  December (2023)						
	My Appointment Expires December 15, 2028	Signature: Notary Public						





P.O. Box 1525 Dalhart, Texas 79022 (806) 249-4585

Date:	10-3-23
Customer:	Tyler Trudillo

Crew: Justin
Torro
Calso

County: Huggoron - Stevens Co.

_	
	,

Survey: <u>T355 R38W</u>

Block: \_\_\_\_\_\_
Section: \_\_\_\_\_\_17

GPS N36°59146.4" W 101°28' 19.5

Super Gel: 2

Bit: 6'1z PDC

Test No. 2

Concrete: 1

Bran: Ø
Other: Ø

From	То	Description	Sand
0	20	Top Soil Fine Sand	
20	1	Fine Sand White Fine Sand	
46	60	Brown Clay Fine Sand	
60	80	FineSand	
80	100	Caliche Brown clay Fine Sand	
100	120	Course Sand Brown clay Fresand	
120	140	Caliche Brown clay	
140	160	Caliche Brown clay	
160	180	Brown clare Per Gravel Medium Sand	8
180	200	PerGravel medium sand	20
200	220	Pee Gravel Brown Clay	
200	240	Fine Sand Brown clay	10
240	260	Course Sand Pee Gravel	15
750	280	Pee Gravel	
380	300	FineSand	20
300	320	Per Court medium Sand	5
320	340	Pechranel Course medium Sand	10
346	360	Fine Course Sand	20
360	380	Fine Lows Sand Pee Gravel	18
380	400	medium sand Perhanel	18
400	420	Pee Gravel	
420	446	Brown Red while clay Pechravel	
440	460	Finesand Brown Red day strips	16
460	480	Fine Sand PerGravel Red Brown clay	15
480	500	Red Brown clay Fine Sand	10
500	520	Red clay	
	546	Red clay	SPC37957





GMD3



#### Southwest Kansas Groundwater Management District No. 3 2009 E. Spruce Street Garden City, Kansas 67846

(620) 275-7147 phone www.gmd3.org

December 6, 2023

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

RE: Application for Change in Points of Diversion

Water Right, File No. 42562

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 minimum spacing to neighboring wells and distance moved. The change also complies with the IGUCA order in the area.

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 none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. 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

DEC 06 2023

# GMD3 Change Review

File No(s): 42562	DWR office: <u>GC</u> .					
App filed to change: PD.						
Is Landowner(s) correct in WRIS: _Tyler &	& Sarah Trujilo.					
If NO, is documentation included?						
Is Water Use Correspondent correct in WR	IS?					
If NO, is documentation included?						
Regulation(s) Reviewed: KAR 5-23-3						
Point of diversion ID No(s) 02 being cha	anged.					
ft. North ft. West						
Authorized PD 2840 2440	Sect 17-35-38					
Proposed PD 190 2148						
Difference 2650 s 292 e						
a2 + b2 = c2 7022500 85264	2666.039 foot move SE					
GPS for proposed PD: Lat: 36.996222	Long: <u>-101.472083</u> .					
Is proposed PD stacking on existing WRs?						
Is Proposed PU overlapping existing WRs?	No Change					
Neighboring certified well(s) notified:	•					
Name Donald & Sherrill Goering (3734	<u>3)</u> .					
Address PO Box 472.						
Zip Hugoton, KS 67951.						
Email: <u>crawfordfarms23@gmail.com</u>	Phone: <u>620-544-6615.</u>					
Name Charlotte Anne Breeding (42182	).					
Address 200 S Adams.						
Zip Hugoton, KS 67951.						
Email: cpsoperating@gmail.com	Phone: <u>620-428-6400</u> .					
Domestic well(s) notified:						
Name						
Address						
Zip						
Base Acres:						
Perfected Acres:						
Irr. Return-Flow%						
Stevens County, right on OK border						
We assisted with the application						
Authorized: 500AF @ 1595gpm						
Average reported use (2013-2022): 378.9AF/year						
Reported 1400gpm on 2016 WUR						
. 01						

# **GMD3** Change Review

Well not running during last GMD3 inspection (2020) Proposed depth 505' Current well at 525'

Is a waiver needed: Move is just under half mile. Spacing met to neighboring wells.

Analysis shows possible effects within guidelines, no critical wells. No comments from neighboring wells.

Recommendation: <u>After review of available information, it appears current area rules are met.</u> Staff recommends approval of the application.

JA

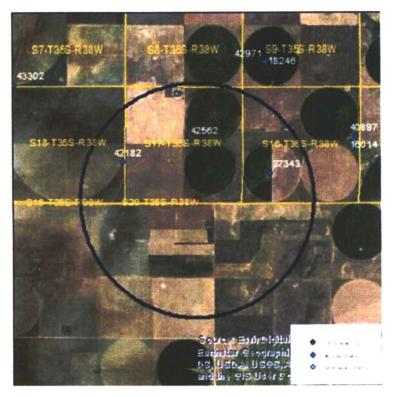
RECEIVED

DEC 06 2023

Water Rights and Points of Diversion Within 1 mile of point defined as: 190 Feet N and 2146 Feet W of the Southeast Corner of Section 17 Twp 35S Rng 38W Located at: 101.472523 West Longitude and 36.996250 North Latitude 2100' on all 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 3618 -- NC SW 1320 3960 16 35 38W 2 260.00 260.00 37343 00 1KK NE G AF 3620 -- SE NE SE 1800 90 18 35 38W 1 488.00 488.00 A\_AF 42182 00 IRK NK G 2666 -- SW SW NE 2840 2440 17 35 38W 2 42562 00 IRR NK G 500.00 500.00 AF Total Net Quantities Authorized: Direct Storage Total Requested Amount (AF) = .00 .00 .00 .00 Total Permitted Amount (AF) = .00 Total Inspected Amount (AF) = .00 Total Pro\_Cert Amount (AF) = .00 Total Certified Amount (AF) = .00 1248.00 .00 Total Vested Amount (AF) = .00 (AF) = 1248.00 TOTAL AMOUNT .00 An \* after the source of supply indicates a pending application for change under the file number. Am . 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 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: 190 Feet North and 2148 Feet West of the Southeast Corner of Section 17 Twp 35S Kng 38W Located at: 101.472523 West Longitude and 36.996250 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS: File Number Use ST SR > DONALD S & SHERRILL A GOERING 37343 > PO BOX 471 > HUGOTON KS 67951 > CHARLOTTE ANNE BREEDING 42182 > 200 S ADAMS > HUGOTON KS 67951 >-----> TYLER DEAN & SARAH TRUJILLO 4x562 Application > 1000 SOUTH MADISON ST > HUGOTON KS 67951

#### Evaluation of proposed move for Water Right No. 42562

Proposed: Move water right no. 42562 to a new well location, a distance of 2,640 ft to the southeast.



Wells within 1 mile: 42182, 37343, and a domestic well in section 17-35-38.

The saturated thickness at the proposed well location is estimated to be 207 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

S = 0.2727, T = 14,307 ft<sup>2</sup>/day,  $tp_{current} = 120$  days (assumed),  $Q_{current} = 714$  gpm (based on average use at 120 pumping days),  $tp_{proposed} = 71$  days,  $Q_{proposed} = 1595$  gpm

Theis drawdowns were calculated as follows:

42182:

Drawdown from current location = 1.61 ft

Drawdown from proposed location = 1.95 ft

Net drawdown = 0.3 ft

37343:

Drawdown from current location = 1.39 ft

Drawdown from proposed location = 2.06 ft

Net drawdown = 0.7 ft

Domestic 17-35-38:

Drawdown from current location = 2.03 ft

Drawdown from proposed location = 1.63 ft

Net drawdown = -0.4 ft

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

#### Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any 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

November 22, 2023

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

Re:

Request for Recommendation

Water Right, File No. 42562

Dear Mr. Norquest:

This is to advise you that Tyler Trujillo has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change in point of diversion.

We are delaying action on the change application 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,

Michael A. Meyer Water Commissioner

MAM Enclosures