# 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:
24657		C2	4	3
6. Status: ☐ Approved ☐ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return 7.	Filing Date of Change:
				6/8/2022
8a. Applicant(s)  New to system □	Person ID 40480 Add Seq#	8c. Landowne		Person ID 38691 Add Seq#
JAY A & CARA L BORTH 10209 L RD PLAINS, KS 67869	ł	РО ВО	RTH FARMS LTD X 754 E, KS 67864	
8b. Landowner(s) New to system □  8a	Person IDAdd Seq#	8d. WUC New to sy	stem 🗌	Person IDAdd Seq#
9. Documents and Enclosure(s):   D	VR Meter(s) Date to Comp	ly: <u>12/31/2022</u>	N & P Date to Co	omply: 3/1/2023
☐ Anti-Reverse Meter ☐ Meter	Seal	☑ N & P Form		er Copy 🛛 H & E Letter
☐ Conservation Plan Date Requir	ed: Da	ite Approved:	Date to C	omply:
10. Use Made of Water From:		To: _		
			Date Prepared: <b>6/24/20</b> Date Entered:	<b>22</b> By: <b>AM</b> By:

File No. <b>24657</b>	11. County:	ME	Basin: (	CROOK	(ED CI	REEK			S	tream							Fo	ormation Code:	211 Special Use	:
12. Points of Diversion CHK MOD														and Q	uantity		А	dditional		
DEL PDIV ENT Qualifier	S	T F	R ID		'N	ʻW	8	Com	nment	(AKA	Line)		Rate		Quantit af	:y	Rate		Overlap PD Files	
DEL 34296																				
ENT SW SW NI	11 3	31S 30	w	2	678	252	3						200	0	1016		200	0 1016	NONE	
13. Storage: Rate	N	IF	Quantity _					ac/ft	А	dditior	nal Rat	e				NF	Addi	itional Quantity		ac/ft
14. Limitation:																				
Limitation:	af/yr at	t			gpm (_				cfs) w	hen co	mbine	ed with	n file n	umber	(s)					
15. 5YR Allocation: Allocation	п Туре	Start	Year		5 YR	Amou	nt _		Amo	ount U	nit	_	Base	Acres		_ C	omment .			
16. Place of Use CHK			NE1/4			NV	V¹/4			SV	<b>V</b> ¹/₄			S	6E1/4		Total	Owner Ch	g? Overlap Files	
MOD DEL ENT PUSE S T I	R ID	NE 1/4	NW 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 2784																				
CHK 12735																				
CHK 22091																				
Base Acres: Year:	Mi	nimum I	Reasonab	le Qua	ntity:															
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 24, 2022

JAY A & CARA L BORTH 10209 L RD PLAINS, KS 67869

RE:

Filed Office Application for Change

Water Right, File No. 24657

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,

Austin J. McColloch

Assistant Water Commissioner

AM: enclosures

pc:

J D Borth Farms LTD

GROUNDWATER MANAGEMENT DISTRICT NO. 3

#### **CERTIFICATE OF SERVICE**

On this 24<sup>th</sup> day of June, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 24,657 dated 24<sup>th</sup> day of June, 2022 was mailed postage prepaid, first class, US mail to the following:

JAY A & CARA L BORTH 10209 L RD PLAINS, KS 67869

Pc:

J D BORTH FARMS LTD PO BOX 754 MEADE, KS 67864

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 RECEIVED APPLICATION FOR APPROVAL 07 2022 TO CHANGE THE PLACE OF USE AND/OR THE SWKSGMD3 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	. 2465	7								F	12:	EIVED 38 08 2022
1	Applicati	ion is he	ereby n	nade f	or appi		f the Clace o		ngine			the (ch		ne or b	oth):	I	Gar Divisio	den Cit	y Field Office ater Resource
	under th	e water	right v	vhich is	s the s	ubject	of this	applic	ation i	n acco	rdance	e with t	the cor	ndition	s desc	ribed l	pelow.		
	The sou	rce of s	upply i	s:			round	water			Surfac	ce wat	er						
	Name ai 10209 L	RD, PL	AINS,	KS 67	869														
										addre	ss:								
	Name a	nd addr	ess of	Water	Use C	orresp	onden	t: <u>Sar</u>	ne										
-	Phone N	lumber:	(	)					Email	addre	ss:								
3.	The pres	sently a	uthoriz	ed pla	ce of u	se is:													
	Owner o	f Land -	NA	AME:	Same														
				ESS:															
	(If there is	s more th	an one	landov	vner, at	tach su	ppleme	ental sh	eets as	neces	sary.)								
				NE	1/4			N\	V1/4			SV	V¼			SI	=¼		TOTAL
Sec	. Twp.	Range	NE1/4	NW¼	SW1/4	SE1/4	NE1/4	NW¼	SW1/4	SE¼	NE1/4	NW¼	SW1/4	SE¼	NE1/4	NW¼	SW1/4	SE¼	CHES
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							<u></u>		<u></u>	<u></u>	<u></u>				L	<u></u>			
	If this ap Owner o	of Land	ADDR	AME: ESS:								ace of	use be	e chan	ged to	:			
				М	1		İ		N <sup>1</sup> / <sub>4</sub>			SV	V1/4			SI	E¼		TOTAL
Sec	. Twp.	Range	NE1/	NW1/4	SW1/4	SE1/4	NE1/4			SE1/4	NE1/4		SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	ACRES
	For Offi	ce Use	Only:	Code		Fe	e \$ 2(	0.00	) TR	#		Re	eceipt	Date _	6-8-	-22	Chec	k#_/	370

5.	Presently authorized point of diversion:				
	One in the Quarter of the	NC	Quarter of the	ne <u>N2</u>	Quarter
	of Section 11 Township	31	South, Rang	ge30	W,
	in ME County, Kansas, 3965 fe	et North	2630 feet W	est of Southeast corn	er of section.
	Authorized Rate No change Authorized Quantity N				
	(DWR use only: Computer ID No. 1 GPS _		feet North _	feet W	est)
	☐This point will not be changed ☐This point will be changed as				
	Proposed point of diversion: (Complete only if change is				
	One in the Quarter of the				
	of Section 11, Township				
	in ME County, Kansas, 2678 fe				
	Proposed Rate No change Proposed Quantity N				
	This point is: Additional Well Geo Center List other				
_					
6. <b>[</b>	Presently authorized point of diversion:				
0.	One in the Quarter of the		Quarter of the	ne	Quarter
	of Section, Township		South Rand	ie	(E/W).
	in County, Kansas, fe	et North	feet W	est of Southeast corn	er of section.
	Authorized Rate Authorized Quantity				
- 1	(DWR use only: Computer ID No GPS _				
	This point will not be changed This point will be changed as				
	Proposed point of diversion: (Complete only if change is				
	One in the Quarter of the				1
	of Section, Township				
	in County, Kansas, fe	et North	foot \/\	est of Southeast corn	er of section
	Proposed Rate Proposed Quantity				
	This point is: Additional Well Geo Center List other				
L	This point is.   Additional Well   Geo Center List other	water right	to that will use this	s point	· · ·
7.	The changes herein are desired for the following reasons?				
• •	(please be specific) re-drill well			North	
		300	200 100	0 100 200 	300
		E,		<u> </u>	Ē
ρ	If a well, is the test hole log attached? ⊠ Yes □ No	E		_	. 🖹
0.	if a well, is the test hole log attached? Za res Za res	200	-1 + 1 +	1 圭 1 十 1 十	200
9.	The change(s) (was)(will be) completed by?	E	-	<u> </u>	4
		100 E	-1 + 1 +	1 = 1 + 1 +	1 = 100
		E	1 1 1	' <u>=</u> ' ' ' '	' <b>∄</b>
10.	If the point of diversion is a well:	E		<u> </u>	=
	(a) What are you going to do with the old well?			լա <b>ւմ</b> ակավառիաի	
		E		=	킄
		100 E	-1 + 1 +	=   -   -   +   +   +   +   +   +   +   +	1 = 100
	(b) When will this be done?	E		' 🛢 ' ' ' '	' =====================================
		E	manadada disupus	= -	=
11.	Groundwater Management District recommendation attached?	200	-1 + 1 +	1 = 1 + 1 +	1 = 200
	Yes No	E			4
		E,	ntanlantanhan		الأسلس
12.	Assisted by mdf/GCFO	300		0 100 200	300
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	13b.If the	proposed point of o	liversion will be relocate	ed within 300 feet
	a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile	or the	e existing point of am shown above	diversion, indicate its in relation to the	existing point of
	of the proposed point of diversion and the names and mailing	divers	sion. (PLEASE N	in relation to the e	nter of diagram
	addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile	abov	e represents th sion.)	e presently author	izea point of
	downstream and one-half mile upstream from your property	divo	e.e,		

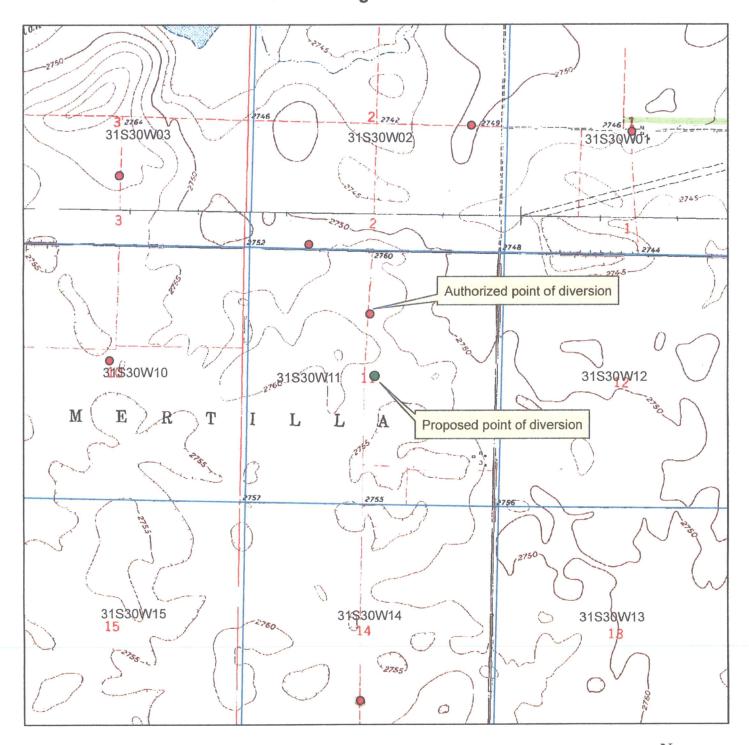
lines

14. If the proposed groundwater point of diversion is 300 or fewer feet in	om the existing point of diversion, complete the following.
(a) Does the undersigned represent all owners of the currently authors applied Yes ☐ No (If no, all owners must sign this applied Yes).	
<ul> <li>(b) Will the ownership interest of any owner of the currently author affected if this application is approved as requested?</li> <li>☐ Yes</li> <li>☐ No</li> <li>(If yes, all owners must sign this application)</li> </ul>	
(c) If this application is not approved expeditiously, will there be sub ☐ Yes ☐ No (If no, all owners must sign this applied	
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 appropriate in this application are true, correct and complete.	ized agent of the owner(s) to make this application on olication pertains. I further verify that the statements
Dated at Meade State Bonk , Kansas, this	2nd day of June , 20,23.
Jan A DOA	2nd day of June, 20,22.  Cara & Bouth (Spouse)
(Owner)	(Spouse)
1 Jay A. Borth	Cara L. Burth
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas  County of Meade State of My Annt Expires State St	
I hereby certify that the foregoing application was signed in of, 20	my presence and sworn to before me this 2nd day
	Jana Banaan
My Commission Expires 9.30.32	Notary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all accurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid.	of the applicable portions of the application form must be completed with ppropriate owners' must be affixed to the application and notarized; and
FEE SCHEDU	And the state of t
Each application to change the place of use or the point of diversion under forth in the schedule below: Make checks payable to: Kansas Departmeter (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	ent of Agriculture\$100 t\$200

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

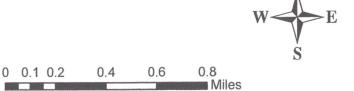
pro Wit Iim	ovisions of the <i>Kansas Water Appropriation Law, K.S.A. 82a-70</i> ith the exception of those conditions expressly contained herein, itations of File No. <u>24657</u> .	this Summary Order does not change the terms, conditions and
1.	A change application was received on	requesting that the place of use and / or point of be changed as described in the application.
2.	On and after the effective date of this summary order, the auth the topographic map accompanying the application to change	orized place(s) of use shall be located substantially as shown on ge 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.	s and shall be limited to the same source or sources of water as this summary order shall be located within a foot Not Applicable
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 2640 feet from the previously Applicable
6.	As required by K.A.R. 5-3-5d, if the works for diversion is a we or other device suitable for making water level measurement K.A.R. 5-6-13. Applicable \(\sigma\) Not Applicable	Il with a diversion rate of 100 gallons per minute or more, a tube is shall be installed, operated and maintained in accordance with
7.	operated and maintained in accordance with K.A.R. 5-1-4 th	hichever occurs first. The water flow meter shall be installed rough 5-1-12. As required by K.S.A. 82a-732, as amended, and he reading of the water flow meter and the total quantity of water
8.	Installation of the works for diversion of water shall be cauthorized extension of time. By March 1, 20 23 the aworks for diversion has been completed, on the form provid Applicable ☐ Not Applicable	oplicant shall notify the Chief Engineer that construction of the
9.	The completed well log shall be submitted with the require	ed notice. 🔀 Applicable 🗌 Not Applicable
10.	<ul> <li>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 maintained in</li> </ul>	reign substance will be injected into the water shall be equipped to of preventing pollution of the source of the water supply. The accordance with K.A.R. 5-3-5c.  Applicable   Not Applicable
11.	. Additional Conditions are attached.   Yes  No	
12.	limitations, as amended and/or supplemented by this Sumn Appropriation Law and the Rules and Regulations promulg	r are responsible for compliance with its terms, conditions and nary Order, and with applicable provisions of the <i>Kansas Water</i> lated thereunder. Failure to comply with these provisions may nded, and/or the suspension or revocation and dismissal of the
	Administrative Appeal and Effective Date of Order	FOR OFFICE USE ONLY
lf yo	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901,	APPLICATION APPROVED AND SUMMARY ORDER ISSUED
you Fno	u may request an evidentiary hearing before the Chief gineer or request administrative review by the Secretary of	O + mi. M
Agr	riculture. A request for hearing by the Chief Engineer must be d within 15 days of service of this Order and a request for	By: (Inh. 11/hella
adn	ministrative review by the Secretary must be filed within 30	Duly Authorized Designee of the Chief Engineer  (Print Name): Austra MC Work
revi	ys pursuant to K.S.A. 77-531. Any request for administrative riew must state a basis for review pursuant to K.S.A. 77-527.	Division of Water Resources - Kansas Department of Agriculture
Leg	e any request with Kansas Department of Agriculture, gal Division, 1320 Research Park Drive, Manhattan, KS	Date of Issuance: June 24, 2022
665	502. Failure to timely request a hearing or review may eclude review under the Kansas Judicial Review Act.	State of Kansas )
	For Use by Register of Deeds	County of Tinney ) SS
		Acknowledged before me on June 24, 2022
		by Austin Mc Colloch.
		Signature:
		My commission expires:    My Appointment Expires   My Appointment   My Appointment

# Change in point of diversion for water right 24657



Authorized point of diversion

Proposed point of diversion



All wells within 1/2 mile are on this map.

X\_\_\_\_\_



60-100: Brown clay, fine sand streaks

120-140: Sandstone with fine sand

140-305, 45: Coarse to fine sand

100-110: Fine sand

305-345: Blue shale

500-560: Red bed

345-500, 155: Fine sand

110-120: Medium sand

## WK 24657

## Test Hole Drilling Log

CUSTOMER:	DATE:	
JAY BORTH	4-1-22	
ADDRESS:	PHONE NUMBI	ER:
10209 L RD, PLAINS, KS 67869		
TEST HOLE #	DRILLER:	E-LOG:
1	Charles Turner	No
GPS LOCATION:	COUNTY:	QUARTER:
37.3657, -100.5524	Meade	SW SW SW NE
SECTION:	TOWNSHIP:	RANGE:
SECTION:	TOWNSHIP:	RANGE:
S11	T31S	
S11 TOTAL DEPTH:	T31S  TOTAL PAY:	
S11 TOTAL DEPTH:	T31S  TOTAL PAY: 200'	
TOTAL DEPTH: 560'  Description of the strata, from the	TOTAL PAY:  200'  surface to the total depth.	R30W
TOTAL DEPTH: 560'  Description of the strata, from the (Example: 80-100, 20: Sand; Foota	T31S  TOTAL PAY: 200'	R30W
TOTAL DEPTH: 560'  Description of the strata, from the	TOTAL PAY:  200'  surface to the total depth.	R30W
TOTAL DEPTH: 560'  Description of the strata, from the (Example: 80-100, 20: Sand; Foota	TOTAL PAY:  200'  surface to the total depth.	R30W

Garden City Field Office Division of Water Resources

RECEIVED

MAY 1 9 2022

Tyler Palmer 580-716-8758 Tyler.elitedrilling@gmail.com



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

(620) 275-7147 phone (620) 275-1431 fax www.gmd3.org

June 23, 2022

RECEIVED

JUN 2 3 2022

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

JUN 2 0 ZUZZ

Garden City Field Office

Division of Water Resources

RE: Application for Change in Point of Diversion

Water Right, File No. 24657

Dear Hunter:

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 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. Only other well appears to be operated by the applicant. 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

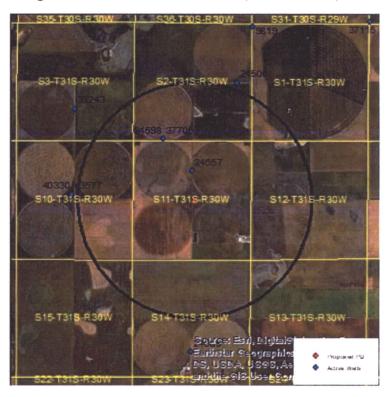
Assistant Manager

## GMD3 Change Review

File No(s).: <u>24657</u> . DWR office: <u>GC</u> .
App filed to change: PD.
Is Landowner(s) correct in WRIS: _Jay & Cara Borth
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) <u>01</u> being changed.
Tollit of diversion in two(s) _or_ being changed.
ft. North ft. West
Authorized PD 3965 2630 Sect 11-31-30
Proposed PD 2678 2523
Difference 1287 s 107 w
a2 + b2 = c2 1656369 11449 1291.44 foot move SE
GPS for proposed PD: Lat: <u>37.3657</u> Long: <u>-100.5524</u> .
Is proposed PD stacking on existing WRs? No.
Is Proposed PU overlapping existing WRs? No Change.
Neighboring certified well(s) notified:
Name John D Borth (24598, 37706).
Address PO Box 754.
Zip <u>Meade, KS 67864</u> .
Email: <u>email is Jay Borth</u> . Phone: <u>620-629-7980</u> .
Described III Anni Colon London and Anni Colon Colon II anni Colon
Domestic well(s) notified: <u>domestic on the section is applicant's</u> .
Name
Address
Zip
Base Acres:
Perfected Acres:
Irr. Return-Flow%
Meade County
Authorized 1016AF @ 2000gpm.
Proposed depth 560'
Reported Water use (2012-2021): 501.9AF
WUR shows 1800gpm in 2012.
2020 GMD3 inspection calculated 611gpm (needle showed 900).
Is a waiver needed: Move less than half mile. Minimum spacing to neighboring wells
appears met. Analysis shows possible effects within guidelines, no critical wells.
Recommendation: After review of all available information, appears current area rule
are met. Staff therefore recommends approval of the application.
and the state the state of the application.

#### Evaluation of proposed move for Water Right No. 24657

Proposed: Move water right no. 24657 to a new well location, a distance of 1,291 ft to the southeast.



Wells within 1 mile: 24598 & 37706.

The saturated thickness at the proposed well location is estimated to be 195 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 = 0.2871, T = 27,746 ft<sup>2</sup>/day,  $tp_{current} = 63$  days (based on average use and reported rate),  $Q_{current} = 1800$  gpm (reported rate in 2012),  $tp_{proposed} = 115$  days,  $Q_{proposed} = 2000$  gpm

Theis drawdowns were calculated as follows:

24598 & 37706:

Drawdown from current location = 2.17 ft

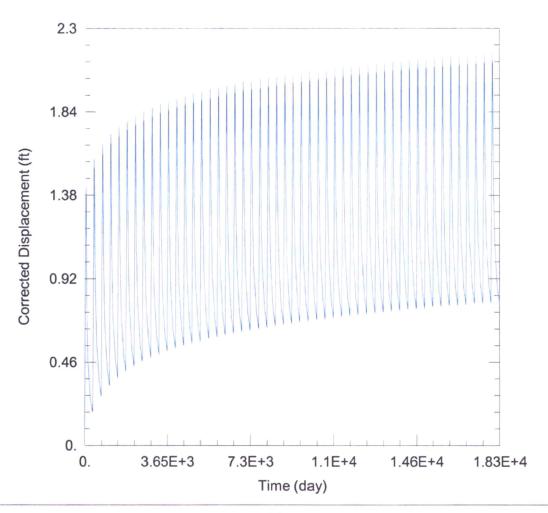
Drawdown from proposed location = 2.76 ft

Net drawdown = 0.6 ft

Net drawdown does not exceed the drawdown allowance of 3.5 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.



#### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\24657\24657 Current.aqt

Date: 06/21/22 Time: 09:11:58

#### PROJECT INFORMATION

Company: GMD 3 Project: 24657

Location: Meade County

#### **WELL DATA**

P	umping Wells	
Well Name	X (ft)	Y (ft)
24657	71678	180042

Well Name	X (ft)	Y (ft)
	71678	180042
<ul><li>24598 &amp; 37706</li></ul>	70366	181477

**Observation Wells** 

#### SOLUTION

Aguifer Model: Unconfined

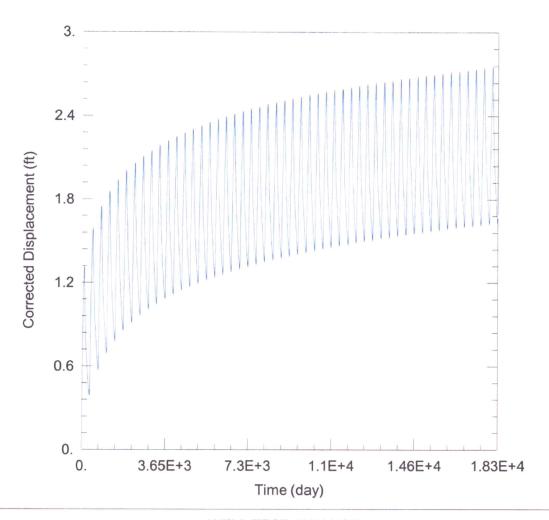
 $= 2.775E+4 \text{ ft}^2/\text{day}$ 

Kz/Kr = 1.

Solution Method: Theis

S = 0.2871

b = 195. ft



#### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\24657\24657 Proposed.aqt

Date: 06/21/22 Time: 09:11:52

#### PROJECT INFORMATION

Company: GMD 3 Project: 24657

Location: Meade County

#### WELL DATA

P	umping Wells		Obser	vation Wells	
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
24657	71798	178757	0	71798	178757
			<ul><li>24598 &amp; 37706</li></ul>	70366	181477

#### SOLUTION

Aquifer Model: Unconfined

 $T = 2.775E+4 \text{ ft}^2/\text{day}$ 

Kz/Kr = 1.

Solution Method: Theis

S = 0.2871

b = 195. ft

200.00 200.00

Total Net Quantities Authorized: Direct Storage Lacin All sie .00 Total Requested Amount (AF) = .00 .00 Total Permitted Amount (AF) = .00 .00 Total Inspected Amount (AF) = .00 .00 Total Pro Cert Amount (AF) = .00 Total Certified Amount (AF) = 1536.00 .00 Total Vested Amount (AF) = .00 .00 TOTAL AMOUNT (AF) = 1536.00 .00

3074 -- -- CS SW 100 3960 2 31 30W 3

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: 2678 Feet North and 2523 Feet West of the Southeast Corner of Section 11 Twp 31S Rng 30W Located at: 100.552400 West Longitude and 37.365700 North Latitude Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

37706 00 IRR NK G

AF

AF

File Number Use ST SR

> JOHN D BORTH

> PO BOX 754

> MEADE KS 67864

> JAY A & CARA L BORTH

> 10209 L RD

> PLAINS KS 67869

> JOHN D BORTH

> PO BOX 754

> MEADE KS 67864

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 13, 2022

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

Re:

Request for Recommendation,

File Nos. 24657

#### Dear Sir or Madam:

We are enclosing a copy of the referenced applications, which was submitted by JAY A & CARA L BORTH 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,

Hunter Hershey

Water Conservation Specialist

Enclosure

pc: