# 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:
13815		C4	4	3
6. Status: ☐ Approved ☐ Den	ied by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				12/6/2022
8a. Applicant(s)  New to system □	Person ID <b>14601</b> Add Seq#	8c. Landowne New to sy		Person IDAdd Seq#
MERL D REXFORD PO BOX 880 MEADE, KS 67864-0880				
8b. Landowner(s)  New to system □	Person ID	8d. WUC New to sy	stem □	Person ID Add Seq#
8a		8a		
Ju				
9. Documents and Enclosure(s): 🛛 D	NR Meter(s) Date to Comp	ly: <b>12/31/2023</b>	N & P Date to	Comply: <b>3/1/2024</b>
☐ Anti-Reverse Meter ☐ Meter	Seal	⊠ N & P Form	Water Tube	Oriller Copy ⊠ H & E Letter
☐ Conservation Plan  Date Requi	red: Da	ite Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: <b>1/11/</b> Date Entered:	<b>2023</b> ву: <b>АМ</b> Ву:

File No.	1381	5	11. Count	Basin: CROOKED CREEK						Stream:					Formation Code: 211 Special Use:								
12. Poi	nts of Dive	ersion														Rate	and Q	uantity					
MOD DEL	PDIV															A	Author	ized		А	dditional		
ENT	T DIV	Qualifier	S	Т	R	ID		N	ʻW	1	Com	nment	(AKA	Line)		Rate		Quanti af	:y	Rate gpm		Overlap PD Files	
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14. Limit	tation:		af/yı	at			(	gpm (_				cfs) w	hen co	mbine	ed with	file n	umber	(s)					
Limi	tation:		af/yr	at				gpm (_				cfs) w	hen co	mbine	ed with	file n	umber	(s)					
15. 5YR	Allocation	n: Allocation	Туре	_ s	tart Yea	ar		5 YR	Amou	nt		Amo	ount U	nit	_	Base	Acres		_ C	omment .			
CHK	ce of Use				NE1/4			NW1/4			SW1/4				SE1/4				Total	Owner Ch	g? Overlap Files		
MOD DEL ENT	PUSE	S T R	ID	NI 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				
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CHK 1	4778																						
CHK 1	5400																						
CHK 1	8057																						
CHK 3	3983																	7.					
CHK 5	2863																						
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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

January 11, 2023

MERL D REXFORD PO BOX 880 MEADE, KS 67864-0880

RE:

Filed Office Application for Change

Water Right, File No. 13815

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:

GMD 3

# **CERTIFICATE OF SERVICE**

On this 11<sup>th</sup> day of January, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 13,815 dated 11<sup>th</sup> day of January, 2023 was mailed postage prepaid, first class, US mail to the following:

MERL D REXFORD PO BOX 880 MEADE, KS 67864-0880

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.

						I	File No	. <u>1381</u>	5			nonest content	111	·					CEIVED a: 30 pm
1. <i>A</i>	Applicati	ion is he	ereby r	made f	or app		of the O		ingine		_	the (ch		ne or b	oth):		G Divi	arden	City Field Office Water Resource
U	inder th	e water	right v	which i	s the s	ubject	of this	applic	ation i	n acco	ordanc	e with	the co	ndition	s desc	cribed			
Т	he soul	rce of s	upply i	s:			Ground	water			Surfa	ce wat	er						
<u>F</u>	O BOX Phone N	nd addro 880, M lumber:	(	, KS 6	7864-0	0880			Email										
- F 3. T	hone N	lumber: sently at	<u>(</u> uthoriz	) ced pla	ce of u	ıse is:			Email	addre	ss:								
	AVIICI O																		
(1	f there is	more th	nan one	landov	vner, at	tach su	ppleme	ental sh	eets as	neces	sary.)				,				
				SV	SW¼			SE¼			TOTAL ACRES								
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5.	Presently author	rized point of	diversion:				
	One in the	SW	Quarter of the	SW	Quarter of the	NW	Quarter
1	of Section	25	, Tównship	30	South, Range	29	W,
	in ME	Coi	unty, Kansas, <u>2686</u>	_ feet North _	5259 feet West of	Southeast corne	r of section.
			Authorized Quantity				
	(DWR use only:	Computer ID	No. 1 GP	S	feet North	feet We	st)
	☐This point will no	ot be changed	☐This point will be change	ed as follows:	No change, point better	described with GPS	S as follows:
1	Proposed point	of diversion:	Complete only if chang	ge is requeste	d or if existing point is	better describe	d by GPS)
	One in the	NW	Quarter of the	NE	Quarter of the	SE	Quarter
			, Township				
			unty, Kansas, <u>2254</u>				
			Proposed Quantity _				
	This point is:	Additional Wel	☐ Geo Center List o	ther water righ	ts that will use this point		•
_							
6.	Presently author						
1	One in the	SE	Quarter of the	SE	Quarter of the	NW	Quarter
			, Township				
			unty, Kansas, <u>4213</u>				
			Authorized Quantity _				
			No. 4 GP				
		_	☐This point will be change				
			Complete only if change				
			Quarter of the				
			, Township				
			unty, Kansas,				
			Proposed Quantity				
. 1	This point is:	Additional VVel	Geo Center List o	tner water righ	its that will use this point		·
7.	The changes here	ein are desired	for the following reason	s?			
1.				0:	North	1	
				300		100 200	300
				E.	<u>=</u>		13
8.	If a well, is the test	t hole log attach	ned? X Yes No	E			. =
	,, , ,	J		200	-1 + 1 + 1 =	1 + 1 +	200
9.	The change(s) (wa	as)(will be) com	pleted by?	E	<del>-</del>		=
	ASAP			100	- 1 + 1 + 1 를	1 + 1 +	100
10	If the point of diver	بالمسام والمعادد		E.	=		3
10.	If the point of diver			West		atuulmatuulm	11144 O Fact
	(a) What are you	going to do wit	n the old well?	Westom		anadaataaha	HI C East
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	(b) When will this			100	-   +   +   =	1+1+	100
	(D) VALIGHT WILL THIS	ne dolle!		E.	=		킠
11	Groundwater Man	agement Dietric	t recommendation attache	d? 200 €	<u>-</u> -++++=	1 + 1 +	200
П.	Groundwater Man		t recommendation attache	200		1 1 1	=======================================
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12.	Assisted by mdf/G	CFO		Eu 300	11111111111111111111111111111111111111	<u>1111111111111111111111111111111111111</u>	300 300
				300	South		

13a. If the proposed point of diversion will be relocated more than 300 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

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 existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion to the existing point of diagram shown above in relation to the existing point of diagram shown all well as the existing point of diagram shown above in relation to the existing point of diagram shown all well as the existing point of diagram shown all well as the existing point of diagram shown are the existing point of diagram shown are the existing diagram shown above in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

14. If the proposed groundwater point of diversion is 300 or fewer feet from	m the existing point of diversion, complete the following:
(a) Does the undersigned represent all owners of the currently autho	
<ul> <li>(b) Will the ownership interest of any owner of the currently authori 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 subs ☐ Yes ☐ No (If no, all owners must sign this applic	
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).	groundwater change in point of diversion greater than 300 feet, of the currently authorized place of use, or their duly authorized
I hereby verify, being first duly sworn upon my oath or affirmating age and the owner, the spouse of the owner, or a duly authorize their behalf, in regards to the water right(s) to which this appropriate in this application are true, correct and complete.	zed agent of the owner(s) to make this application on lication pertains. I further verify that the statements
Dated at, Kansas, this _	day of Necember, 20 22.
Merl D Rexport	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)
State of Kansas County of SS	, th
I hereby certify that the foregoing application was signed in mof	ny presence and sworn to before me this day
My Commission Expires  JULIE JONES My Appointment Expires December 15, 2022	Motary Public
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all caccurate information; maps, if necessary, must be included; signatures of all the apthe appropriate fee must be paid.	f the applicable portions of the application form must be completed with propriate owners' must be affixed to the application and notarized; and
Each application to change the place of use or the point of diversion under forth in the schedule below: Make checks payable to: Kansas Departme  (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	this section shall be accompanied by the application fee set nt of Agriculture \$100
December 15, 2028	

#### 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. 13815 A change application was received on diversion authorized under the above-referenced file number be changed as described in the application. requesting that the place of use and / or point of 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 Mot Applicable 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 \_\_\_\_\_\_\_\_ foot radius of the authorized point(s) of diversion. Applicable 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 The point(s) of diversion authorized herein shall not actually be located more than feet from the previously authorized point(s) of diversion. 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 The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before **December 31, 20** 3, 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. ☐ Not Applicable ■ Applicable Installation of the works for diversion of water shall be completed on or before December 31, 20 3, or within any authorized extension of time. By March 1, 20 2 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. ☐ Not Applicable Applicable | 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. X Yes 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 FOR OFFICE USE ONLY APPLICATION APPROVED AND If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, SUMMARY ORDER ISSUED 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 Duly Authorized Designee of the Chief Engineer 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. (Print Name): Division of Water Resources - Kansas Department of Agriculture File any request with Kansas Department of Agriculture, Date of Issuance: Legal Division, 1320 Research Park Drive, Manhattan, KS 66502. Failure to timely request a hearing or review may State of Kansas preclude review under the Kansas Judicial Review Act. SS For Use by Register of Deeds County of Acknowledged before me on Notary Public Signature: STATE OF JULIE JONES NOTARY My commission expires: Appointment Expires PUBLIC

December 15, 2026



P.O. Box 261 Turpin, OK 73950	Test Ho	ole Drilling L	og		
CUSTOMER:		DATE:	ma katifikoruuri Apudda oʻsu (1905) baddasid 1966-sis (1905) bir (1906) Biro Albo (1906) bir (1906) biro (1906)		
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560'	The second secon	228'			

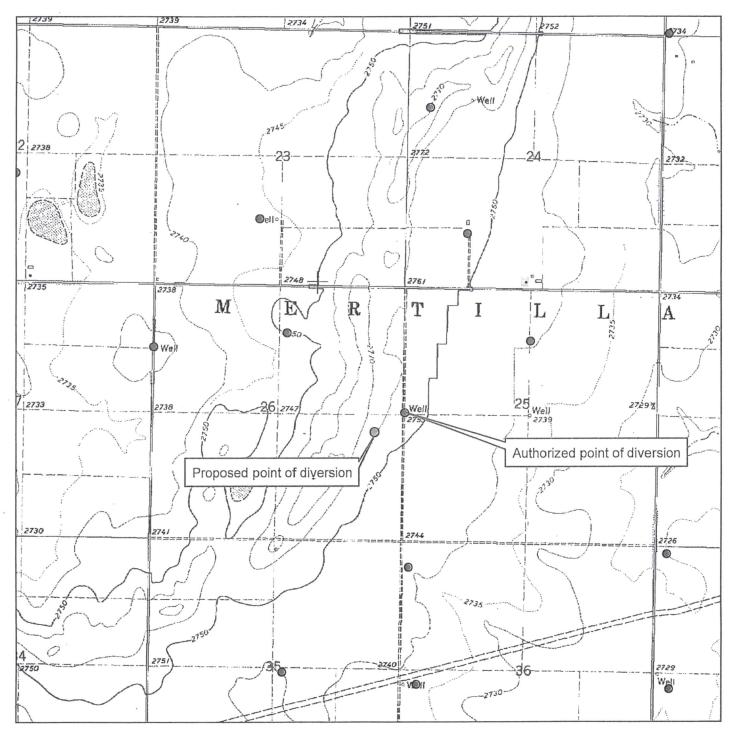
Description of the strata, from the surface to the total depth.

(Example: 80-100, 20: Sand; Footage is from 80-100 feet, pay = 20. Sand is the strata description)

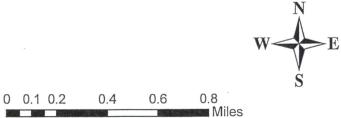
0-4: Top soil	491-541, 25: Fine sand, caliche clay mix
4-26: Brown clay	541-560: Clay
26-56: Brown clay, fine sand streaks	The second secon
56-78: Fine sand	Saroen of Water Resources
78-168: Fine sand with brown clay streaks	eoiñO blaitaire
168-170: Sandstone	DEC <b>0 2</b> 2022
170-193: Medium sand, gravel mix	BECEINED
193- 233: Medium sand, clay streaks	the state of the s
233-418, 132: Medium to coarse sand	(Tight Spots)
418-420: Caliche clay	168-170
420-491, 71: Medium to fine sand	418-420
	THE RESERVE AND ADDRESS OF THE PROPERTY OF THE

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

# Change in point of diversion for water right 13815



- Authorized point of diversion
- Proposed point of diversion



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

X\_\_\_\_\_



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

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

January 4, 2023

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. 13815

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 (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

Working Water Conservation Every Day Since 1976

# GMD3 Change Review

File No(s).: <u>13815</u>		D	WR office: <u>GC</u> .
App filed to change	e: <u>PD</u> .		
Is Landowner(s) co	rrect in WRIS: N	1erl Rex	ford.
If NO, is do	cumentation include	led?	
Is Water Use Corre	spondent correct in	WRIS?	<u>.</u> .
If NO, is do	cumentation include	ded?	
Regulation(s) Review	ewed: KAR 5-23-3		
Point of diversion I			red.
	ft. North ft. W	/est	
Authorized PD	2686	5259	Sect 25-30-29
Proposed PD	2254	623	Sect 26-30-29
Difference	432 s	644 w	
a2 + b2 = c2	186624 4:	14736	775.474 foot move SW
GPS for proposed I	PD: Lat: <u>37.4081</u>	L	.ong:100.4544.
Is proposed PD stac	cking on existing V	VRs? N	0
Is Proposed PU ove	erlapping existing	WRs? N	No Change .
Neighboring certifi	ed well(s) notified:		
Name Stapleton			n (3997, 32177).
Address PO Box 6			
Zip Meade, K			
Email: stapletonfa		n P	hone: _620-629-1828.
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Name Brandon	Unruh (6243).		
Address 36206 10			
Zip Plains, K			
1		D	hono, 620 946 2142
Email: <u>brandonu</u>	nruh.73@gmail.co	<u>m</u> P	Phone: <u>620-846-2143</u> .
Domostio wall(a) n	atified.		
Domestic well(s) no	offfied:		
Name			
Address			
Zip			
Base Acres:			
Perfected Acres: _			
Irr. Return-Flow			
PD change was ap	proved in 2021. A	Applicar	it states that production from new well
was less than the o	original well.		
Authorized 490AF	i @ 1530gpm		
Current well only	pumped in 2021,	hard to	really determine effects of a move for
only one year.			

# **GMD3** Change Review

# This application will now move the well to a new location.

Is a waiver needed: Move is less than half mile. Minimum spacing to neighboring wells appears to be met. Since there is no real pumping history, analysis based on the original well and shows no critical wells in the area. Well within the guidelines.

Recommendation: After review of all information it appears current area rules are met, staff would recommend approval of the application.

Report Date: Friday, December 16 2022

Water Rights and Points of Diversion Within 1 mile of point defined as:
2254 Feet N and 623 Feet W of the Southeast Corner of Section 26 Twp 30S Rng 29W
Located at: 100.454400 West Longitude and 37.408100 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
Unit																				
A	3997	00	IRR	NK	G		4643		NW	SE	SW	1193	3930	24	30	29W	3		640.00	640.00
AF																				
A	6243	00	IRR	NK	G		5041		SE	NE	SW	1377	3077	23	30	29W	3		320.00	320.00
AF																				
A	10045	00	IRR	NK	G		4952			CW	NW			26	30	29W	1		485.00	485.00
AF																				
A	13815	00	IRR	NK	G*		755		SW	SW	NW	2686	5259	25	30	29W	1		490.00	490.00
AF																				
Same							3769		SE	NE	NW	4213	2660	25	30	29W	4		470.00	470.00
AF																				
A	18215	00	IRR	NK	G		2897		NW	NW	NM	4800	5100	36	30	29W	3		826.00	826.00
AF																				
A	32177	00	IRR	NK	G		2784		SW	NW	NE	4300	2500	26	30	29W	2		270.00	270.00
AF																				
T20	187009	MF	IRR	GY	G		2784		SW	NW	NE	4300	2500	26	30	29W	2		1350.00	.00
AF																				
		===:	====	===						===:	===:				-===	====		====		

Total	Net Quanti	ities Au	thor	zed:	Direct	S	torage
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)	=	3501.00		.00
Total	Vested	Amount	(AF)	=	.00		.00
TOTAL	AMOUNT		(AF)	=	3501.00		.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: 2254 Feet North and 623 Feet West of the Southeast Corner of Section 26 Twp 30S Rng 29W Located at: 100.454400 West Longitude and 37.408100 North Latitude Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

File Number Use ST SR

> STAPLETON FARMS INC

> RYAN STAPLETON - AGENT

> PO BOX 655

> MEADE KS 67864

>-----
> BRANDON UNRUH

> 

MONTEZUMA KS 67867

> BRANDON UNRUH

> 

MONTEZUMA KS 67867

> MONTEZUMA KS 67867

> MONTEZUMA KS 67867

> MONTEZUMA KS 67867

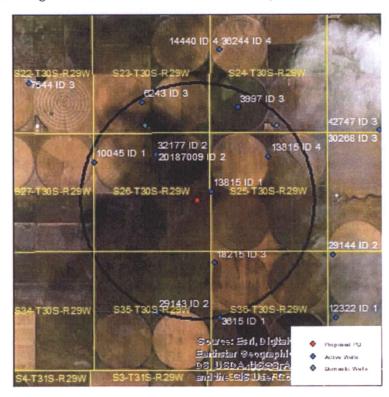
> MERL D REXFORD

>	PO BOX 880
>	MEADE KS 67864
>-	
>	MERL D REXFORD
>	
>	PO BOX 880
>	MEADE KS 67864
>-	
>	STAPLETON FARMS INC
>	RYAN STAPLETON - AGENT
>	PO BOX 655
>	MEADE KS 67864
>-	
>	STAPLETON FARMS INC
>	RYAN STAPLETON - AGENT
>	PO BOX 655
>	MEADE KS 67864

>-----

# Evaluation of proposed move for Water Right No. 13815 ID1

Proposed: Move water right no. 13815 ID1 to a new well location, a distance of 755 ft to the southwest.



Wells within 1 mile: 6243, 3997, 10045, 32177, 13815 ID4, 18215, a domestic well in section 23-30-29, and a domestic well in section 24-30-29.

The saturated thickness at the proposed well location is estimated to be 221 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 = 0.2487, T = 20,594 ft<sup>2</sup>/day,  $tp_{current} = 132$  days (based on average use and observed rate),  $Q_{current} = 618$  gpm (based on 2019 well inspection),  $tp_{proposed} = 72$  days,  $Q_{proposed} = 1530$  gpm

Theis drawdowns were calculated as follows:

6243: Drawdown from current location = 0.91 ft

Drawdown from proposed location = 1.25 ft

Net drawdown = 0.3 ft

3997: Drawdown from current location = 1.05 ft

Drawdown from proposed location = 1.35 ft

Net drawdown = 0.3 ft

10045:

Drawdown from current location = 0.86 ft

Drawdown from proposed location = 1.27 ft

Net drawdown = 0.4 ft

32177:

Drawdown from current location = 1.26 ft

Drawdown from proposed location = 2.00 ft

Net drawdown = 0.7 ft

13815 ID4:

Drawdown from current location = 1.25 ft

Drawdown from proposed location = 1.55 ft

Net drawdown = 0.3 ft

18215:

Drawdown from current location = 1.20 ft

Drawdown from proposed location = 1.92 ft

Net drawdown = 0.7 ft

Domestic 23-30-29:

Drawdown from current location = 1.02 ft

Drawdown from proposed location = 1.47 ft

Net drawdown = 0.5 ft

Domestic 24-30-29:

Drawdown from current location = 1.02 ft

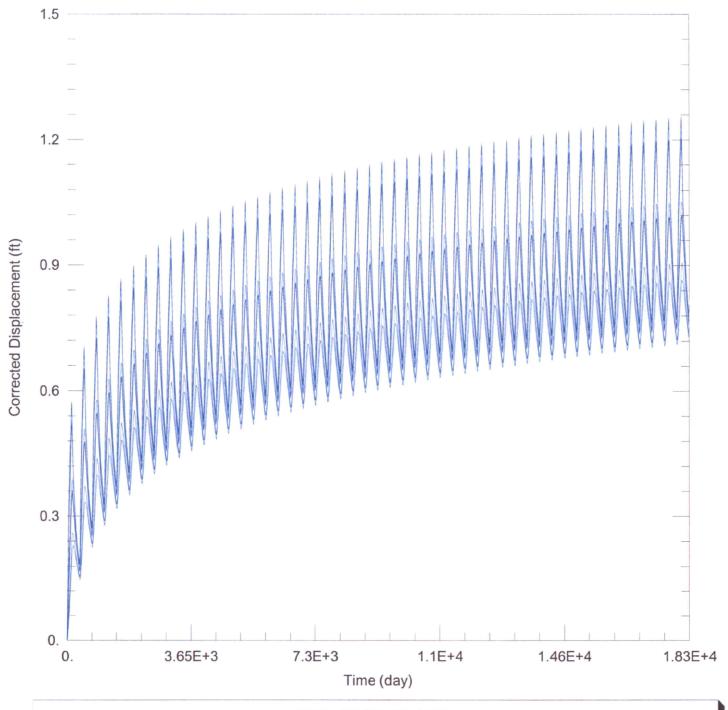
Drawdown from proposed location = 1.27 ft

Net drawdown = 0.3 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.



# WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022\_moves\13815\13815 Current.aqt

Date: 12/21/22 Time: 16:40:25

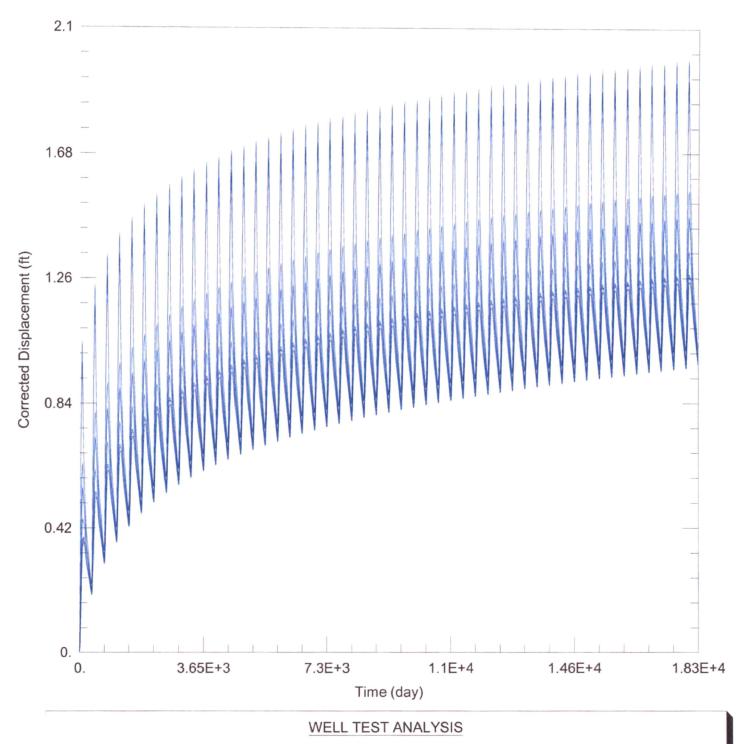
# PROJECT INFORMATION

Company: GMD 3 Project: 13815

Location: Meade County

# WELL DATA

F	Pumping Wells		Observation Wells						
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)				
13815 ID1	100855	194697	D	100855	194697				
			00.10		1000=1				



Data Set: <u>C:\Users\trevora\Documents\2022\_moves\13815\13815 Proposed.aqt</u>
Date: <u>12/21/22</u> Time: <u>16:40:19</u>

# PROJECT INFORMATION

Company: GMD 3 Project: 13815

Location: Meade County

# WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
13815 ID1	100222	194285		100222	194285
			00.10	0==0=	1000=1

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 14, 2022

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

Re:

Request for Recommendation,

File No. 13815

## Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Merl Rexford 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,

Austin McColloch

Assistant Water Commissioner

Enclosure

pc: