# Kansas Department of Agriculture Division of Water Resources

CHANGE: P/D WORKSHEET

1. File Number: <b>9410</b>	2. Status Change Date: 9-/8-2023	3. Change Num:	4. Field Office:	5. GMD:
6. Status:   Approved □ De	enied by DWR/GMD	Dismiss by Reques	st/Failure to Return	7. Filing Date of Change: <b>8/21/2023</b>
8a. Landowner, applicant, New to system □	Person ID 66776 Add Seq#	8c. Landown		Person Add Seq#
FEIERTAG FARMS LC Attn: DAVID FEIERTAG 8302 SW HILLCREEK F AUGUSTA, KS 67101				
8b. Landowner(s), New to system □	Person ID Add Seq#	РО ВО	L & JAMIE J E	
9. Documents and Enclosure(s):	DWR Meter(s) Date to Comp	bly: 12/31/2023	3 □ N & P Date	to Comply: 12/31/2024
☐ Anti-Reverse Meter ☐ Mete		☑ N & P Form  ate Approved:		Driller Copy
10. Use Made of Water From:		To:		Di Vo
			Date Prepared: <b>9/18</b> Date Entered:	B <b>/2023</b> By: <b>MAM</b> By:

File No. 9410	11. County:	ME	Ва	sin: Cl	ROOK	KED CF	REEK			S	tream	:						F	ormatio	on Code: 21	1 Special Use:
12. Points of Diversion CHK MOD DEL PDIV ENT Qualifier	S	T	R	ID		'N	'W	,	Com	ıment	(AKA	Line)			Author e	iuantity ized Quant AF	ity	Rat gpr		al Quantity af	Overlap PD Files
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14. Limitation:				- 4	1	gpm (_		0													
Limitation:	af/yr at				_	gpm (_				cfs) w	hen co	mbine	ed with	n file n	umber	(s)					
15. 5YR Allocation: Allocation	Туре	Sta	art Yea	r		5 YR	Amou	nt		Amo	ount U	nit	_	Base	Acres	_	_ C	omment			
16. Place of Use CHK			NI	Ε1/4			NV	V1/4			sv	<b>V</b> ¹/₄			S	SE1/4		Total	Owne	er Chg?	Overlap Files
MOD DEL ENT PUSE S T R	ID	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	NE 1/4	NW 1/4	SW 1/4	SE 1/4				5 5
CHK 25115			P																	(	-
CHK 36092				3																***/ T	1 T
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Base Acres: Year: M	Minimum Reas	sonabl	le Quai	ntity:															- 4		

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

September 18, 2023

DANIEL & JAMIE J EAKES PO BOX 487 PLAINS, KS 67869-0487

RE:

Field Office Application for Change

Water Right, File No. 9410

Dear Sir:

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

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approvals for change. A condition of these approvals is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original 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,

Michael A. Meyer

Water Commissioner

MAM:

Enclosures

pc:

FEIERTAG FARMS LC (w/enclosures)

GMD3

#### CERTIFICATE OF SERVICE

On this 18<sup>th</sup> day of September 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 9,410 dated 18<sup>th</sup> day of September 2023 was mailed postage prepaid, first class, US mail to the following:

YOST FARMS 1106 RD AA LAKIN, KS 67860

Photocopies to:

FEIERTAG FARMS LC Attn: DAVID FEIERTAG 8302 SW HILLCREEK RD AUGUSTA, KS 67101

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 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.

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						File No	o. <u>941</u>	0					-				AUG 2	2 Pm 2 1 2023
	Application is hunder the water The source of s	right v	vhich i		☐ F subject	Place of this	of Use	cation i	in acco	Point ordanc	of Div	ersion the co				Divisio	n of W	y Field Office later Resource
2.	Name and addr	ess of	Applic	ant: _	Sarah	Ellen (	Colling	wood l	Feierta	ag Trus	st, PO	Box 1,	Wichit	a, KS	67201			
	Phone Number Name and addr PO Box 487, P	ess of	Water	Use C	Corresp	oonder						Lindse	y@Intr	rustWe	ealth.co	om		
3.	Phone Number The presently a Owner of Land	uthoriz	ed pla AME: ESS:	ice of u	use is:													
				E%				N1/4				N1/4				Ξ½		TOTAL ACRES
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																		1-4
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	(If there is more th	an one	landow	vner, at	tach su	ppleme	ental sh	eets as	neces	sary.)								
	. Twp. Range	NE1/4	NW1/4	5W1/4	SE1/4	NE1/4	NW1/4	V1/4 SW1/4	SE1/4	NE½	SV NW1/4	V1/4	051/	NE1/4		5W1/4	051/	TOTAL ACRES
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For Office Use Only: Code \_\_\_\_\_ Fee \$200.00 TR # \_\_\_

Receipt Date 8-21-23 Check # 8210452

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	Authorized Rate	1	Authorized Quantity		Dept	h of well	(feet	(1)
	(DWR use only:	Computer ID N	lo. <u>1</u> GI	PS	feet	North	feet Wes	st)
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- 1	This point will no	t be changed	This point will be chang	ed as follows:	No chan	ge, point better de	scribed with GPS	as follows:
	Proposed point of	of diversion: (C	omplete only if chan	ge is requeste	d or if ex	isting point is	better describe	d by GPS)
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7	The changes here	in are desired f	or the following reason	ıs?				
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9.	The change(s) (was	s)(will be) comple	eted by?	E	/			\_
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				300	200	100 0 South	100 200 Scale: 1 hashmari	300 k=10 ft
13a	a. If the proposed poin	t of diversion will	be relocated more than	300				
	a topographic mar	or aerial photo	ing point of diversion, at tograph. For groundw	tach 13b.If the			n will be relocate of diversion, indic	
	sources, show all w	ells (including do	omestic) within one-half	mile on the	e diagram	shown above in	relation to the ex	xisting point of
	of the proposed po	int of diversion	and the names and ma	iling divers	sion. The	proposed point	of diversion mu	ust be located
	names and addre	esses of the la	ce water sources, show andowner(s) one-half				(PLEASE NOTE represents the	
	downstream and c	ne-half mile up	stream from your prop			nt of diversion.)		prossing

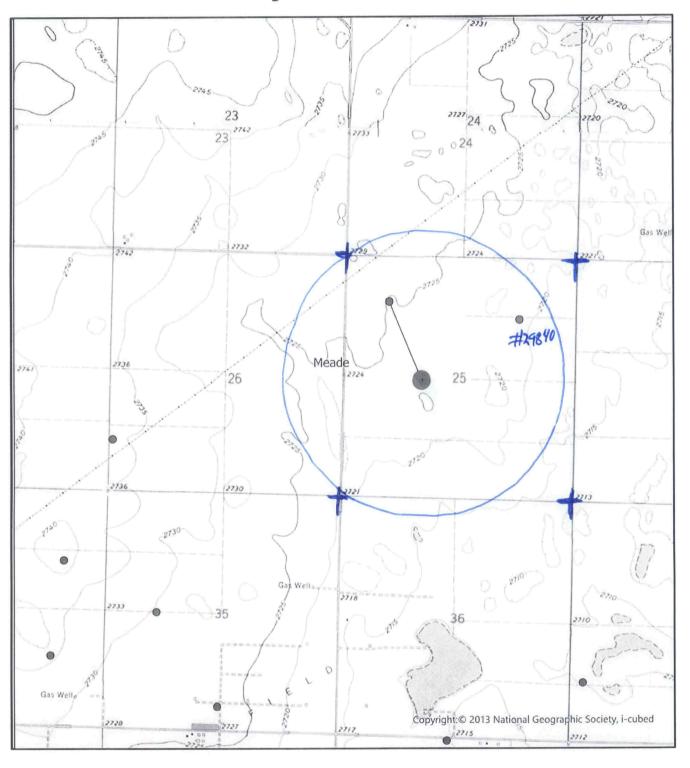
5. Presently authorized point of diversion:

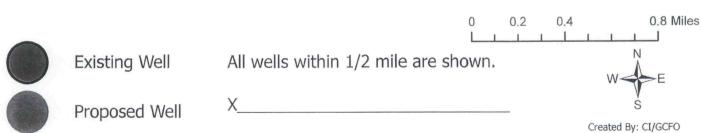
14. If the proposed groundwater poin	t of diversion is 300 or few	er feet from the existing poin	t of diversion, complete t	ne following:
(a) Does the undersigned repres  ☐ Yes ☐ No (I	sent all owners of the curre f no, all owners must sign t		se identified in this applic	ation?
(b) Will the ownership interest of affected if this application is a ☐ Yes ☐ No (I			e identified in this applica	ation be adversely
(c) If this application is not approx   ☐ Yes ☐ No (I	oved expeditiously, will then f no, all owners must sign t		property, public health or	safety?
If the application proposes a surface of a change in place of use, the application agent (attach notarized statement aut	cation must be signed by a			
I hereby verify, being first duly age and the owner, the spouse their behalf, in regards to the woontained in this application are Dated at	of the owner, or a duly vater right(s) to which e true, correct and com	authorized agent of the this application pertains	owner(s) to make the s. I further verify that	is application or
Red . Janales	Ashlyn A. Line	dsev	O	
Sarah E. Collinguo	Truct Advisor		(Spouse)	
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(Owner)			(Spouse)	
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(Please Pri	nt)	TAYLORE ENTZ	(Please Print)	-
State of Kansas County of Sedgwick	ss	Notary Public, State of Kan My Appointment Expires	sas	
I hereby certify that the forego	ing application was sign	ned in my presence and	sworn to before me	this 18th day
My Commission Expires 11/24/2	025		Notary Public	
ONLY COMPLETE APPLICATIONS WILL accurate information; maps, if necessary, the appropriate fee must be paid.				
	FEE	SCHEDULE		
Each application to change the place forth in the schedule below: Make che (1) Application to change a p (2) Application to change ap (3) Application to change the	of use or the point of diversecks payable to: <b>Kansas I</b> point of diversion 300 feet opoint of diversion more than	Department of Agriculture or less		\$100 \$200
DWR 1-121 (Revised 04/5/2018)		Page 3	F	ile No. <u>9410</u>

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

pro	is Summary Order is issued under authority of K.S.A. 87 evisions of the <i>Kansas Water Appropriation Law, K.S.A.</i> th the exception of those conditions expressly contained litations of File No. <u>9410</u>	82a-701 et. seg., and rules and	regulations promulgated thereunder,
1.	A change application was received on diversion authorized under the above-referenced file	requesting to number be changed as described	that the place of use and / or point of d in the application.
2.	On and after the effective date of this summary order, the topographic map accompanying the application to	ne authorized place(s) of use shall o change the place of use.	l be located substantially as shown on Applicable Not Applicable
3.	The change in point of diversion shall not impair existin previously authorized. The point of diversion authorized radius of the authorized point(s) of diversion.	zed by this summary order shall be	e same source or sources of water as be located within a foot
4.	The point(s) of diversion described herein is administ Positioning System (GPS), as described in the applic	tratively corrected to be more accation.   Applicable Not Appl	ccurately described using the Global icable
5.	The point(s) of diversion authorized herein shall not act authorized point(s) of diversion.   Applicable	ually be located more than	feet from the previously
6.	As required by K.A.R. 5-3-5d, if the works for diversion or other device suitable for making water level measu K.A.R. 5-6-13. Applicable \square Not Application	rements shall be installed, operate	00 gallons per minute or more, a tube ed and maintained in accordance with
7.	The owner of the authorized place(s) of use shall December 31, 20 2-3, or before the first use of wo operated and maintained in accordance with K.A.R. 5 K.A.R. 5-3-5e, the owner shall maintain records and rediverted annually to the Chief Engineer by March 1 for Applicable  Not Applicable	vater, whichever occurs first. The 5-1-4 through 5-1-12. As required report the reading of the water flow	e water flow meter shall be installed, by K.S.A. 82a-732, as amended, and w meter and the total guantity of water
8.	Installation of the works for diversion of water sha authorized extension of time. By March 1, 20 ≥ 4/ works for diversion has been completed, on the form Applicable ☐ Not Applicable	the applicant shall notify the Ch	hief Engineer that construction of the
9.	The completed well log shall be submitted with the	required notice. DApplicat	ole Not Applicable
10.	All diversion works into which any type of chemical or or with an in-line, automatic, quick-closing check valve check valve(s) shall be installed, operated and maintal	capable of preventing pollution of	f the source of the water supply. The
11.	Additional Conditions are attached.  Yes	No	
12.	In accordance with K.S.A. 82a-708a, as amended, and water appropriated under the above-referenced file limitations, as amended and/or supplemented by this Appropriation Law and the Rules and Regulations presult in civil penalties pursuant to K.S.A. 82a-737, a water or appropriation right or any other enforcement	number are responsible for comp Summary Order, and with applic romulgated thereunder. Failure Is amended, and/or the suspensi	pliance with its terms, conditions and cable provisions of the <i>Kansas Water</i> to comply with these provisions may
1	Administrative Appeal and Effective Date of Order		FFICE USE ONLY
If yo	ou are aggrieved by this order, pursuant to K.S.A. 82a-1901,		ON APPROVED AND
you	may request an evidentiary hearing before the Chief ineer or request administrative review by the Secretary of	SUIVIIVIAR	Y ORDER ISSUED
Agri	iculture. A request for hearing by the Chief Engineer must be		AMy
adm	d within 15 days of service of this Order and a request for ninistrative review by the Secretary must be filed within 30	44	Designee of the Chief Engineer
day	s pursuant to K.S.A. 77-531. Any request for administrative ew must state a basis for review pursuant to K.S.A. 77-527.		irces - Kansas Department of Agriculture
File	any request with Kansas Department of Agriculture, al Division, 1320 Research Park Drive, Manhattan, KS	Date of Issuance:	estember 13,2023
665	02. Failure to timely request a hearing or review may	State of Kansas	7500
pred	clude review under the Kansas Judicial Review Act.  For Use by Register of Deeds	<b>-</b>	) SS
	. cr ccc zy riogistic. cr zccuc	County of Finney	Parked at 18 00
		Acknowledged before me	on September 18, 23
		by Michael C	van halst
		Signature:	Notary Public AARON T. HOLSTED
		My commission expires:	My Appointment Expires  Notary Sellay 18, 2027
DWF	R 1-121 (Revised 09/11/2019)	Page 4	File No. 9410

WR 9410 Change in 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

FARMA DAN FAKES 620 655-4195

Customer	Name:	Sarah F	ejertos	WO#: 25414 Date: 5-3-23  SHANNON WAY Test #: 1 ELOG:
Street Ad	dress:	8	601 5	SHANNON WAY Test #:   ELOG:
City, State	9:	WIC	HITA	Ks 67206 Driller: Dole Guinn
County:	Meade	Quarter:	SW	Section: 25 Township: 32 Range: 30
Location:				GPS: N 37, 23497 1/100, 53824  Elevation: 2731 Static WL: 260°7 Estimated? Yes
Rig #:	10002		_	Elevation: 2731 Static WL: 260 T Estimated? Yes
				Proposed Well Depth 956
				REPLACEMENT MELL LUATION do'SMAP
		Footage		
%	From	Pay	То	Description of Strata 940
	0		2	Top Soil
	2		9	Brown Sandy Clay
	19		17	Brown Sandy Clay w/ Some Colich
	17	Annothing physical control of the co	31	Calich + Fine Sand Mixed
	31		39	Brown Sandy Clay & Fine Sand Mixed
	39		35	Sand Fine Med Course Small Few Med Gravel
	55		71	Brown Clay + Calich
	7/		75	Brown Stady Clay, Colich 4. Sand Fine Med Course Mixed
			1	Sand Fire Med Course Small Few Med Grovel
	75		120	
	120		156	Sand Fine Med Course w/ Few Clay Layers
	1.56		2.54	Sand Fine Med Conrse
The Part of the Pa	254	1.9/	257	Brown Sandy Clay
25	257	18		Sand Fine Mad Course
5	278	18	296	Sand Fine Med w/ Many Clay Layers
15	296	23	319	Sand Fine Med Some Course w/ Kew Clay Layers Sand Fine Med Course "Loose"
25	319	21	340	Sand Fine Med Course Loose
30	340	42	382	Sand Fine Med Course w / Some Tan Rock Loose"
5	382	18	400	Brown Sandy Clay w / Some Fine Few Mod Soud Mixed
25	400	24	421	Sand Fine Med Course w/ Kew Clay Layers
10	421	15	436	Sound Fine Mad Course w/Some Clay Layers
	436		457	Brown Sandy Clay W/For Calich Strips
	457		480	Red Bed
				Super Gel X -3
				Grout -5
				Hole Plus -3
				Perma Plug -
			1	
		AT .		

# Sarah Feiertag Legend 37.23497 N 100.53824 W Test Hole # 1 of 5-3-23 SW 25-32-30 ME Replaces existing well in NW 25-32-30 ME FILE #9410 37.23497 N 100.53824 W Google Earth

2000 ft



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

www.gmd3.org

September 18, 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. 9410

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.

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

SEP 1 8 2023

# GMD3 Change Review

File No(s).: <u>9410</u> .	DWR office: <u>GC</u> .
App filed to change: <u>PD</u> .	
Is Landowner(s) correct in WRIS: Sarah E	llen Collingwood Feiertag Trust.
If NO, is documentation included?	
Is Water Use Correspondent correct in WRI	S?
If NO, is documentation included?	
Regulation(s) Reviewed: KAR 5-23-3	
Point of diversion ID No(s) 01 being cha	nged.
ft. North ft. West	
Authorized PD 4287 4297	Sect 25-32-30
Proposed PD 2597 3523	. (
Difference 1690 s 774 e	Secretary at the outland of acceptance
a2 + b2 = c2 2856100 599076	1858.81 foot move SE
GPS for proposed PD: Lat: 37.23497	Long:100.53824.
Is proposed PD stacking on existing WRs?	No.
Is Proposed PU overlapping existing WRs?	No Change.
Neighboring certified well(s) notified:	
Name <u>Dan Pace (29840)</u> .	
Address 2202 S Partridge RD.	
Zip <u>Pretty Prairie, KS 67570</u> .	
Email: <u>pacer3630@cox.net</u> Phone	: <u>620-727-5667.</u>
Domestic well(s) notified: The well location	on in section 24 are oil supply wells. Well in
section 36 is listed as plugged by KGS.	
Name	
Address	
Zip	
Base Acres:	
Perfected Acres:	
Irr. Return-Flow%	
Meade County	
Authorized 1381AF @ 2000gpm	
Average reported use (2013-2022: 413.2A	AF/year
Reported 600gpm on 2017 WUR	
2021 GMD3 inspection calculated 418gpm	n.
Current well listed at depth of 416'	
Proposed well to be 456'	

# **GMD3** Change Review

Is a waiver needed: <u>Move is less than half mile</u>. <u>Minimum spacing to neighboring wells appears met</u>. The one neighboring was of maximum effects but further calculation showed it was not a critical well.

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

RECEIVED
SEP 1 8 2023

Garden City Field Office Division of Water Resources Water Rights and Points of Diversion Within 1 mile of point defined as:
2597 Feet N and 3523 Feet W of the Southeast Corner of Section 25 Twp 32S Rng 30W
Located at: 100.538240 West Longitude and 37.234969 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\_ 9410 00 IRR NK G\* 1859 -- SE NW NW ----- 25 32 30W 1 1381.00 1381.00

AF

A\_ 29840 00 IRR NK G 2585 -- -- NC NE 3960 1320 25 32 30W 2 213.00 213.00

Total Net Quantities Authorized: Direct Gues Eppears Total Requested Amount (AF) = .00 .00 .00 Total Permitted Amount (AF) = .00 .00 .00 Total Inspected Amount (AF) = .00 Total Pro Cert Amount (AF) = Total Certified Amount (AF) = .00 1594.00 Total Vested Amount (AF) = .00 .00 (AF) =TOTAL AMOUNT 1594.00 .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.

010

Water Rights and Points of Diversion Within 1 mile of point defined as: 2597 Feet North and 3523 Feet West of the Southeast Corner of Section 25 Twp 328 Rng 30W Located at: 100.538240 West Longitude and 37.234969 North Latitude Both SURFACE WATER and GROUNDWATER WATER USE CORRESPONDENTS:

File Number Use ST SR > DANIEL & JAMIE J EAKES

> PO BOX 487

> PLAINS KS 67869

>-----

> DAN PACE

> 22002 S PARTRIDGE RD

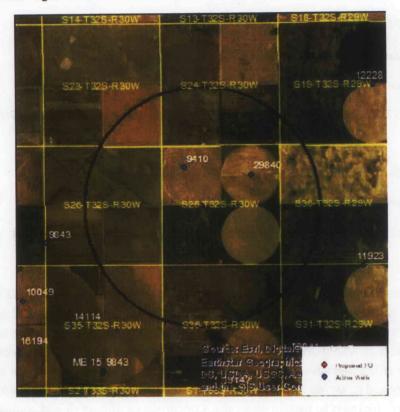
> PRETTY PRAIRIE KS 67570

, n .

2050

#### Evaluation of proposed move for Water Right No. 9410

Proposed: Move water right no. 9410 to a new well location, 1,858 ft to the southeast.



Wells within 1 mile: 29840

The saturated thickness at the proposed well location is estimated to be 214 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:

$$S = 0.2371$$
,  $T = 12,584$  ft<sup>2</sup>/day,  $tp_{current} = 244$  days,  $Q_{current} = 418$  gpm,  $tp_{proposed} = 224$  days,  $Q_{proposed} = 2000$  gpm

Theis drawdowns were calculated as follows:

29840:

Drawdown from current location = 1.89 ft

Drawdown from proposed location = 7.27 ft

Net drawdown = 5.4 ft

Net drawdown exceeds the drawdown allowance for neighboring water right no. 29840. Critical well analysis is necessary on that well.

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SEP 1 8 2023

Garden City Field Office Division of Water Resources

#### **Critical Well Evaluation:**

#### 29840:

Water Column = 214 ft

DP = 5.4 ft (Net drawdown from the proposal indicated above)

DE = 39.3 ft (Water level decline from 2023 through 2048 based upon GMD3 model)

DD = 34.0 ft (S = 0.2371, T = 12,584 ft $^2$ /day, Q = 1284 gpm, tp = 35 days, efficiency = 70%)

DT = 78.7 ft

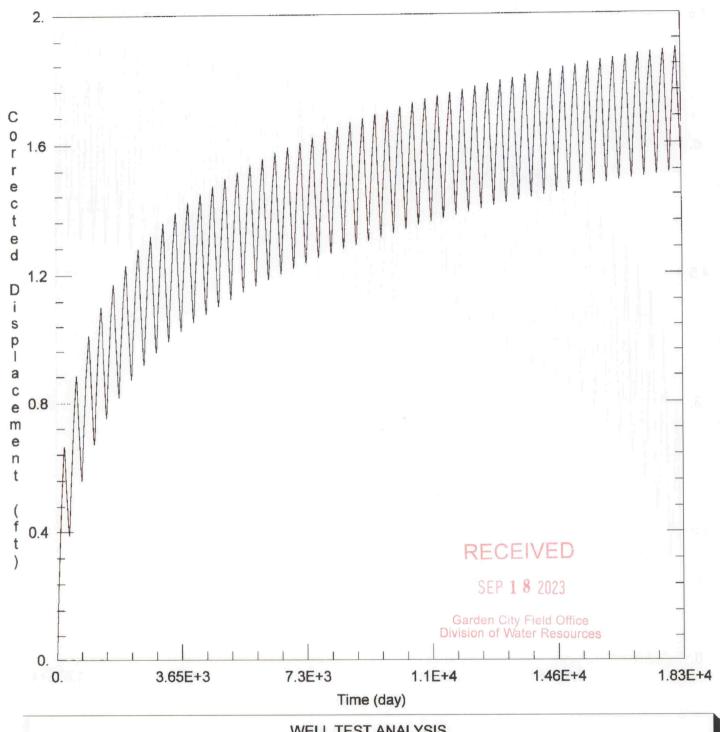
Economic Drawdown Constraint (EDC) = 0.4 \* 214 ft = 85.6 ft

Physical Drawdown Constraint (PDC) = 214 ft - 60 ft = 154 ft

Total drawdown of 78.7 ft is less than the EDC and the PDC, so this well is not critical.

#### Conclusion:

The proposed move is in an area with strong aquifer characteristics and more than 200 ft of remaining saturated thickness. The water right being moved allocates 1381 AF of water at 2000 gpm, and the analysis was run at that rate and quantity. If the well operates at its fully authorized rate and quantity, the drawdown effect on neighboring water right no. 29840 will exceed 4 ft. Critical well analysis shows this well to not be critical because the rate of decline in the area, after accounting for the additional effects of the proposed move, do not exceed 40% over the next 25 years, and there appears to be sufficient saturated thickness to sustain water use. 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\2023\_moves\9410\9410 Current.aqt

Time: 14:51:11 Date: 09/13/23

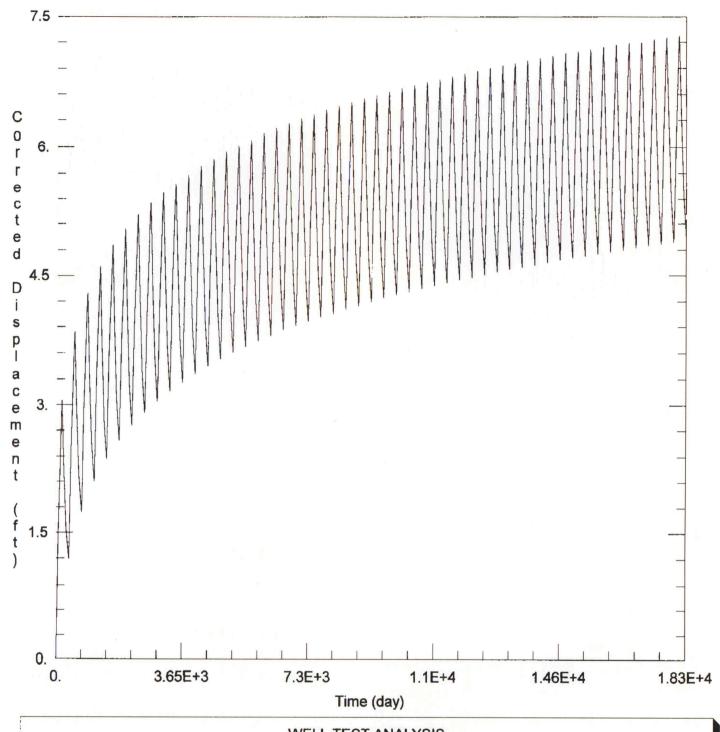
### PROJECT INFORMATION

Company: GMD 3 Project: 9410

Location: Meade County

#### **WELL DATA**

	umping Wells		Observation Wells				
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)		
9410	75266	132854	0	75266	132854		
		THE RESERVE	- 2084N	78237	132530		



## WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023\_moves\9410\9410 Proposed.aqt

Date: 09/13/23

Time: 14:51:03

#### PROJECT INFORMATION

Company: GMD 3 Project: 9410

Location: Meade County

### **WELL DATA**

P	umping Wells		Observation Wells				
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)		
9410	76045	131167		76045	131167		
		TATE .	- 2084N	78227	122530		

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

September 1, 2023

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

Re:

Request for Recommendation

Water Right, File No. 9410

Dear Mr. Norquest:

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

We are delaying action on the change 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 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

August 22, 2023

DAN PACE 22002 S PARTRIDGE RD PRETTY PRAIRIE, KS 67570

Re:

Field Office Application for Change

Water Right, File No. 9410

Dear Sir:

This is to advise you that Sarah Ellen Collingwood Feiertag Trust has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change the point of diversion under the above referenced application.

You can find the complete application posted by water right file number as referenced above at <a href="https://www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices">www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices</a>

You are notified of this proposal so that you may furnish this office with any comments or other information you may 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 to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file. Sincerely,

Sincerely,

Michael A. Meyer Water Commissioner

MAM