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:
14285		C6	4	. 3
6. Status: ☐ Approved ☐ Deni	ed by DWR/GMD	Dismiss by Reques	t/Failure to Return	7. Filing Date of Change:
				5/10/2023
8a. Applicant(s) / Landowner(s) New to system □	Person ID 62677 Add Seq# 01	8c. Landown		Person ID 66506 Add Seq#
YOST FARMS 1106 RD AA LAKIN, KS 67860		1599 R	W & DANIELLE D OAD 45 KS 67860	REDGER
8b. Landowner(s) New to system FRED RITSEMA & YOKA TRUSTS Attn: LAKIN DAIRY PO BOX 389 LAKIN, KS 67860-0389	Person ID 55237 Add Seq# RODENHUIS	8d. WUC New to sy	rstem □	Person ID Add Seq#
9. Documents and Enclosure(s): 🛛 DV	VR Meter(s) Date to Comp	ly:12/31/2023	N & P Date to	Comply: 3/1/2024
☐ Anti-Reverse Meter ☐ Meter	Seal 🛛 Check Valve	☑ N & P Form	☑ Water Tube	oriller Copy 🛛 H & E Letter
☐ Conservation Plan Date Requir	ed: Da	ate Approved:	Date to	Comply:
10. Use Made of Water From:		To: _		
			Date Prepared: 5/23/ : Date Entered:	2023 ву: АМ ву:

File No	. 1428	5	11. Count	y: KE	В	asin: A	RKAN	ISAS I	RIVER			S	tream	:			_		-		ormation Code: 1/331	Special Use:	
	ints of Div	ersion							(*)							Rate	and Q	uantity					
MOD DEL	PDIV															A	Authori	zed		Α	dditional		
ENT	TOIV	Qualifier	S	Т	R	ID	×	'N	ʻW	·	Con	nment	(AKA	Line)		Rate gpm		Quantit af	ty	Rate gpm		Overlap PD Files	
DEL	31707																	¥		4.	1		
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снк	87383	NE NE SE	27	258	36W	9	2	182	506	3						795	i	291		795	291	NONE	
	-					1																	
13. Sto	13. Storage: Rate NF Quantity ac/ft Additional Rate NF Additional Quantity ac/ft																						
14. Lim	itation:		af/yı	r at				gpm (cfs) w	hen co	ombine	ed with	file n	umber	(s)					
Lim	itation:		af/yı	r at				gpm (cfs) w	hen co	ombine	ed with	file n	umber	(s)					
15. 5YF	R Allocatio	n: Allocation	Туре	_ s	tart Ye	ar		5 YR	Amou	nt _		Amo	ount U	nit	_	Base	Acres		_ c	omment _		-	
16. Pla	ice of Use			T	N	IE¼			NV	V 1/4			sv	N ¹/4			S	6E1/4		Total	Owner Cho	g? Overlap Files	
MOD DEL ENT	PLISE	STR	ID	NI 1/4	E NW	SW 1/4	SE 1/4	NE 1/4	NW ¼	SW 1/4	SE 1/4	NE ¼	NW 1/4	SW ¼	SE ¼	NE ¼	NW 1/4	SW 1/4	SE ¼			,	
	839; 60		10																				
СНК	11981;	15940																			-		
СНК	16273;	17786																					
снк :	37671;	68968																					
										16													
Base A	cres:	Year:		Minim	um Rea	sonabl	e Qua	ntity:															
Comme	ents:																						

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

May 23, 2023

YOST FARMS 1106 RD AA LAKIN, KS 67860

RE:

Filed Office Application for Change

Water Right, File No. 14285

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:

Fred Ritsema & Yoka Rodenhuis Trusts

Alex & Danielle Redger

GMD₃

CERTIFICATE OF SERVICE

On this 23rd day of May, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 14,285 dated 23rd day of May, 2023 was mailed postage prepaid, first class, US mail to the following:

YOST FARMS 1106 RD AA LAKIN, KS 67860

Pc:

FRED RITSEMA & YOKA RODENHUIS TRUSTS Attn: LAKIN DAIRY PO BOX 389 LAKIN, KS 67860-0389

ALEX W & DANIELLE D REDGER 1599 ROAD 45 LAKIN, KS 67860

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. RECEIVED File No. 14285 3',31 pm Garden City Field Office Application is hereby made for approval of the Chief Engineer to change the (check one or both): Division of Water Resources ☐ Place of Use Point of Diversion under the water right which is the subject of this application in accordance with the conditions described below. ☐ Surface water The source of supply is: □ Groundwater Name and address of Applicant: YOST FARMS 1106 RD AA, LAKIN, KS 67860 Email address: Phone Number: () Name and address of Water Use Correspondent: Same Phone Number: () Email address: 3. The presently authorized place of use is: Owner of Land ---- NAME: _____ ADDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.) SW1/4 TOTAL ACRES NW14 SW14 SE14 NW1/4 SW1/4 SE1/4 NE' NW' SW' SE' NW1/4 SW1/4 SE1/4 NE1/4 NE1/4 NE1/4 4. If this application is for a change in place of use, it is proposed that the place of use be changed to: Owner of Land ---- NAME: ADDRESS: (If there is more than one landowner, attach supplemental sheets as necessary.) SW1/4 NW1/4 TOTAL NW1/4 SW1/4 SE1/4 NW1/4 SW1/4 SE1/4 NW1/4 SW1/4 NE' NW' SW' SE' NE' NE1/4 Sec. Twp. Range

For Office Use Only: Code Fee \$ 00,00 TR # Receipt Date 5 10123 Check # CC

5.	Presently authorized point of diversion:				
	One in the Quarter of the	NC	Quarter of the	NE	Quarter
	of Section 27, Township 2	25	South, Range _	36	W,
	in KE County, Kansas, 3937 fee				
	Authorized Rate No change Authorized Quantity No				7.
	(DWR use only: Computer ID No. 3 GPS		-		-
	☐This point will not be changed ☑This point will be changed as				-
- 1	Proposed point of diversion: (Complete only if change is				
	One in the SW Quarter of the				
	of Section 27 , Township 2				
- 1	in KE County, Kansas, 4292 fee	The state of the s			
- 1	Proposed Rate No change Proposed Quantity No				
7	This point is: Additional Well Geo Center List other		,		
L	This point is. Additional Well Geo Center List other	water right	its triat will use triis po	MILL IN/A	
_ [Describe subharized unint of discovering				
5.	Presently authorized point of diversion:		0 1 11		
	One in the Quarter of the				
	of Section 27 , Township 2				
	in KE County, Kansas, 2182 fee				
	Authorized Rate No change Authorized Quantity No				
	(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 of Section Township		Quarter of the _		Quarter
	in County, Kansas, fee	et North _	feet West	of Southeast corner	of section.
	Proposed Rate Proposed Quantity		Proposed well de	pth (feet)	
	This point is: Additional Well Geo Center List other				
7)	The changes herein are desired for the following reasons? (please be specific), I roduction of old well is finited. We have no record of old well which means it very old and not reliable.	300	200 100 	orth 0 100 200 =	300
8.	If a well, is the test hole log attached? X Yes No	200	- 1 + 1 + 1 -	<u>=</u>	1===200
9	The change(s) (was)(will be) completed by?	E	· ·	-	큭
t	Downy Drilling	100	-1 + 1 + 1 -		1 = 100
-07		E		<u> </u>	3
10,	If the point of diversion is a well:	E		Ī . T . T	. 🖥
,	(a) What are you going to do with the old well?	West 0	-danjadanjadan	🛣 admiliadinidaa	11H 0 East
	Abandon and plug	E		<u> </u>	-
	TUMINUTE STORE STO	, 100 E	-1 + 1 + 1 -	<u> </u>	100
	(b) When will this be done? After completion of new well			=	
11.	Groundwater Management District recommendation attached? Yes No	200	-1+1+1-	-	200
12.	Assisted by mdf/GCFO	300 E1	200 100	‡	300 Jung
13a	a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines	13b.If the of the diagra divers above	Sc	rsion will be relocated ersion, indicate its lo relation to the exist. E: The "X" in center	within 300 feet ocation on the sting point of er of diagram

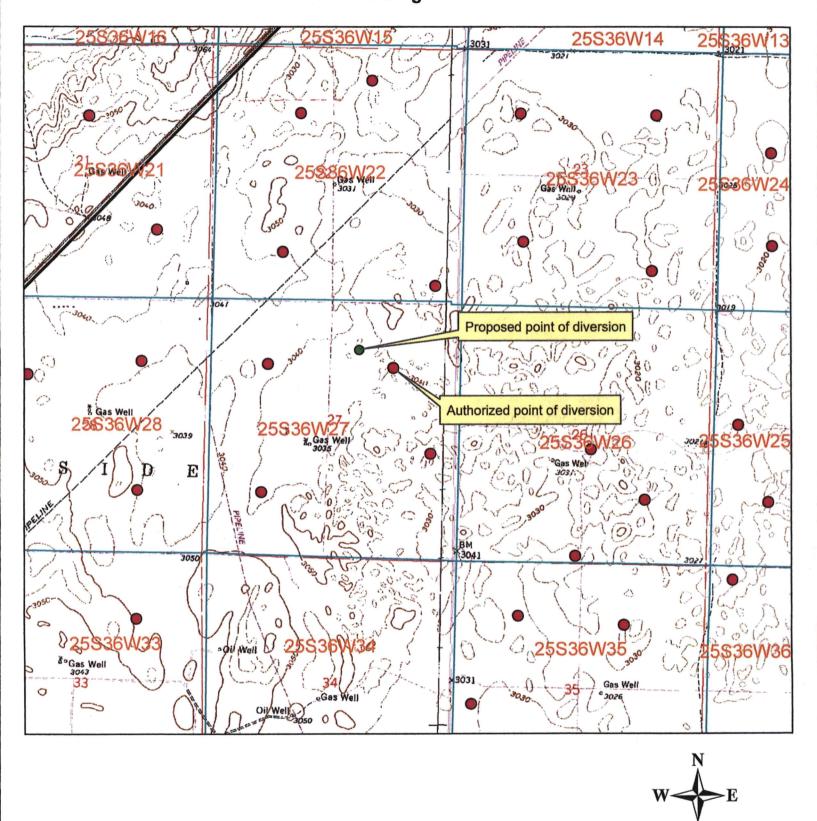
14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:	
(a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application? Yes No (If no, all owners must sign this application.)	
 (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested? Yes No (If yes, all owners must sign this application.) 	
(c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety? Yes No (If no, all owners must sign this application.)	
f the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).	
hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawfu age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application o their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statement contained in this application are true, correct and complete.	n
Dated at KCB Bank , Kansas, this 10th day of May , 2023.	
Chris Yost Laressa Vost	
(Please Print) Ah (Please Print) Al (Please Print)	E
(Owner) Alex Redger (Please Print) (Spouse) (Spouse) (Please Print)	•
Roden Muis (Specise)	
(Please Print) (Please Print)	-
State of Kansas	
County of <u>play ny</u>	
I hereby certify that the foregoing application was signed in my presence and sworn to before me this 10 ⁺¹⁰ day	!
NOTARY PUBLIC - State of Kansas	
My Commission Expires 9.11.24 Notary Public My Appt Expires 7.11.24	
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed was accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid. FEE SCHEDULE	ith
Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: Kansas Department of Agriculture (1) Application to change a point of diversion 300 feet or less	
My Appointment Expires My Appointment Expires My Appointment Expires	

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. 14285 10,2023 A change application was received on ______ requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application. 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 Not 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 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. Applicable Not Applicable 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_2_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. Applicable ☐ Not 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 3 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 The completed well log shall be submitted with the required notice. M 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 11. Additional Conditions are attached. ☐ Yes ⋈ No 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 Signature: Notary Public JULIE JONES My commission expires: Appointment Expires
December 15, 2026

Change in point of diversion for water right 14285



Proposed point of diversion

Authorized point of diversion

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

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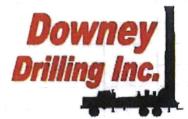
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mdf/GCFO

TH#1



CUSTOMER NAME: VAUGHN NIGHTENGALE

LEGAL: NE 27-25S-36W

COUNTY: KEARNY CO, KS

GPS: 37.854594

Garden City Field Office Division of Water Resources

RECEIVED

MAY 08 2023

-101.256593

FROM	то	ТҮРЕ	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
)	5	SURFACE SAND	SOFT	BROWN	FAST		SMOOTH
5	12	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
12	18	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM	A CONTRACTOR OF THE CONTRACTOR	FAST		FAST CHATTER
18	28	FINE-MED-COARSE GRAVEL	STIFF		FAST		CHATTER
28	48	BIG ROCKS	HARD		FAST		CHATTER
48	102	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
102	136	BROWN CLAY W/ SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
136	175	BLUE CLAY W/ FINE-MED-COARSE SAND LAYERS	SOFT	BLUE	FAST	ler l	SMOOTH & CHOPPY
175	205	FINE-MED-COARSE SAND W/ SANDY CLAY TRACE	FIRM		FAST		FAST CHATTER
205	223	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
223	246	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
246	247	CEMENTED SAND	HARD	WHITE	SLOW		CHATTER
247	255	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
255	286	FINE-MED-COARSE SAND W/ LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
286	295	SANDY CLAY W/ CEMENTED SAND	FIRM	WHITE	SEMI		SMOOTH & CHOPP
295	373	FINE-MED-COARSE SAND W/ LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
373	378	BROWN ROCK	STIFF	BROWN	FAST		FAST CHATTER
378	386	WEATHERED CLAY	SOFT	GRAY & YELLOW	SEMI		SMOOTH
386	412	GRAY CLAY	SOFT	GRAY	slow		SMOOTH
412	420	BROWN ROCK W/ FINE SAND	STIFF	BROWN	FAST	Secretizal	FAST CHATTER
420	432	SANDY CLAY W/ FINE-MED SAND	SOFT	TAN	FAST		SMOOTH & CHOPP
432	493	FINE SAND W/ SANDSTONE & BROWN ROCK TRACE	STIFF	YELLOW & BROWN	FAST		FAST CHATTER
493	529	SANDSTONE W/ FINE SAND & BROWN ROCK	STIFF	BROWN	FAST		FAST CHATTER
529	535	BLUE CLAY W/ BROWN SILTY CLAY	SOFT	BLUE & BROWN	SLOW		SMOOTH
535	605	SHALE W/ SOAPSTONE LEDGES	SOFT	BLUE	SLOW	- 4	SMOOTH & VIBRATION
605	606	HARD SPOT	HARD		SLOW	4	CHATTER
606	615	SHALE	SOFT	BLUE	SLOW		ѕмоотн
615	625	FINE SAND W/ SANDSTONE & ION PYRITE	STIFF	GRAY	FAST		FAST CHATTER
625	648	SHALE	SOFT	BLUE	SLOW		ѕмоотн
648	671	SANDSTONE W/ FINE SAND	FIRM		FAST		FAST CHATTER
671	685	GREEN CLAY W/ WHITE SOAPSTONE	FIRM	GRAY & WHITE	SLOW		СНОРРУ
685	706	TAN SANDSTONE	STIFF	TAN	FAST		CHATTER
706	722	RED BED	FIRM	RED	SLOW	U-MAIL I	СНОРРУ
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VAUGHN NIGHTENGALE

COMPANY

: DOWNEY DRILLING INC

WELL

: VALIGHN NIGHTENGAL TH#1

LOCATION/FIELD

: KEARNY

COUNTY LOCATION

SECTION

: NE

: 27

TOWNSHIP

: 258

RANGE: 36W

DATE

: 04/28/23

PERMANENT DATUM : GL

OTHER SERVICES:

DEPTH DRILLER : 720

LOG BOTTOM : 720.02 LOG MEASURED FROM: GL

KB DF

LOG TOP

: 1.26

DRL MEASURED FROM: GL

GL

CASING DIAMETER: 10.

CASING TYPE

CASING THICKNESS:

LOGGING UNIT

: 1903

FIELD OFFICE

: DDI

RECORDED BY

: DIEGO

BIT SIZE

: 6.25 "

: MUD

FILE : ORIGINAL

TYPE : 8144A

MAGNETIC DECL. : 0

MATRIX DENSITY : 2.71

RM TEMPERATURE

BOREHOLE FLUID

LGDATE: 04/28/23

NEUTRON MATRIX: LIMESTON

MATRIX DELTA T

LGTIME: 15:44:

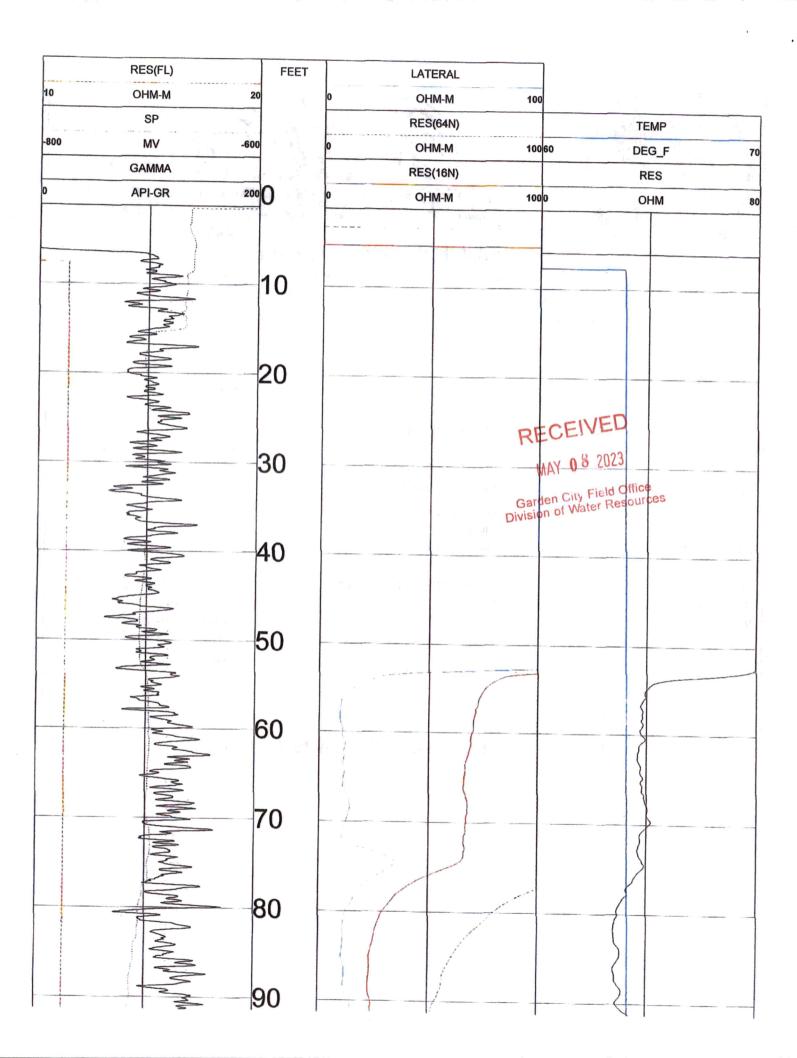
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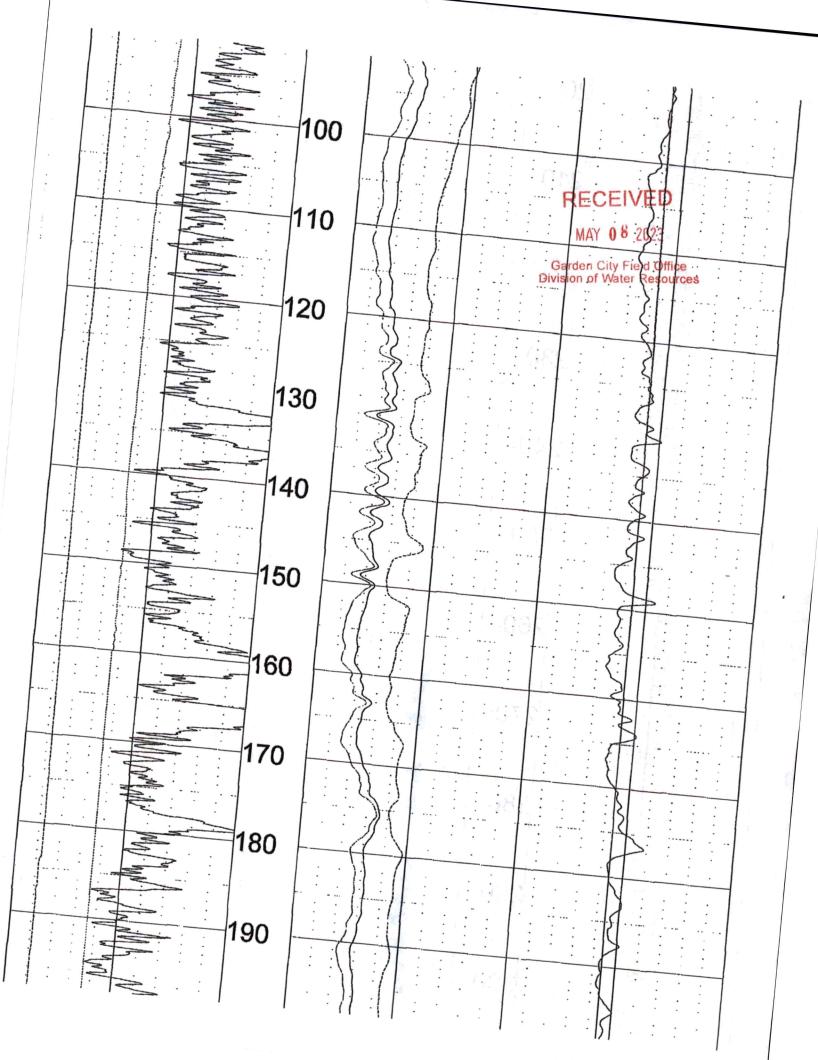
N 37.85459 W-101.25659

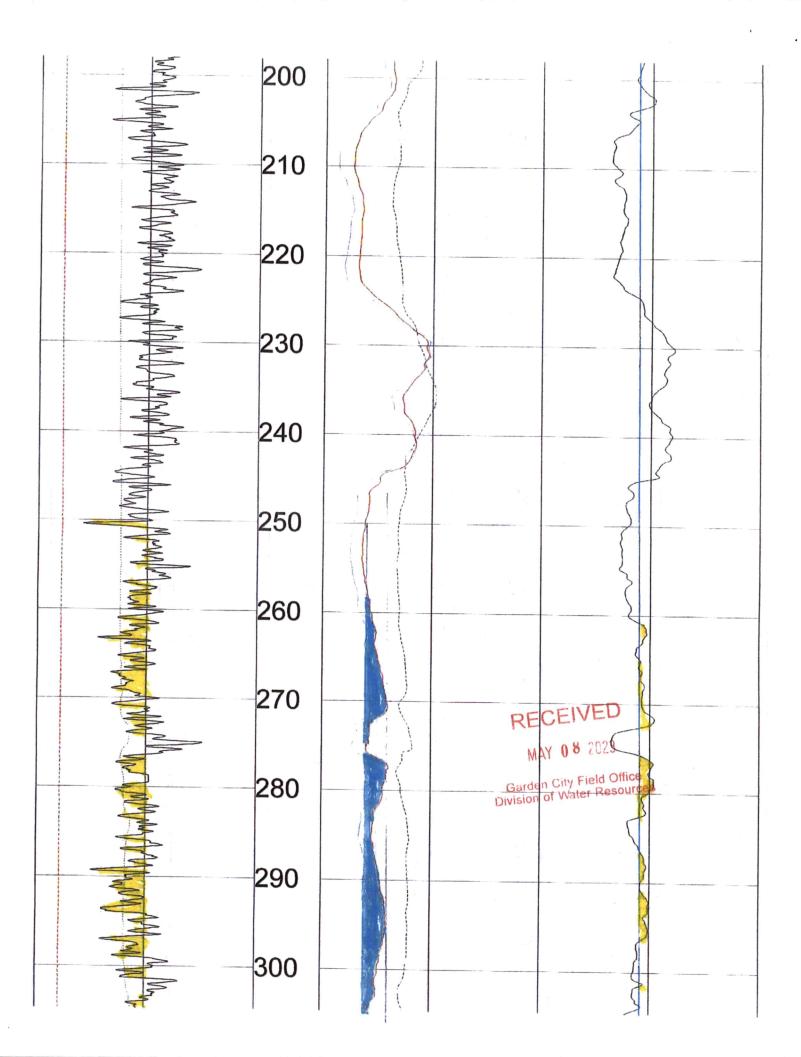
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

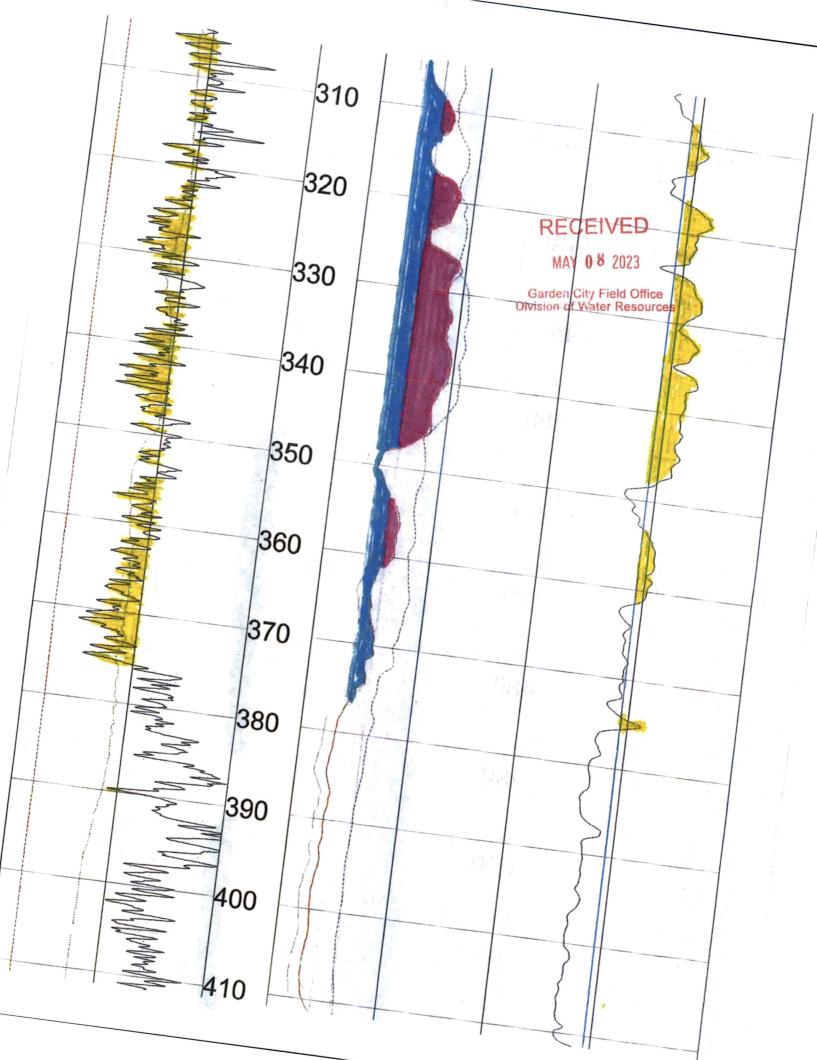
RECEIVED MAY 08 2023

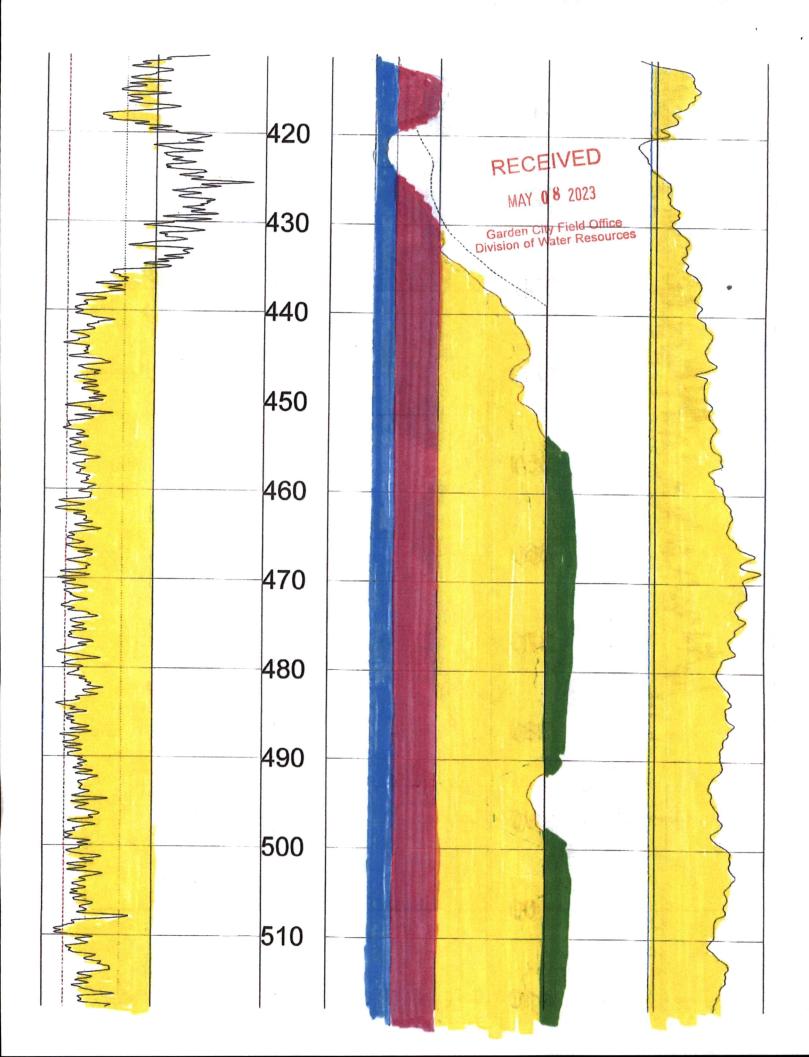
Garden City Field Office Division of Water Resources

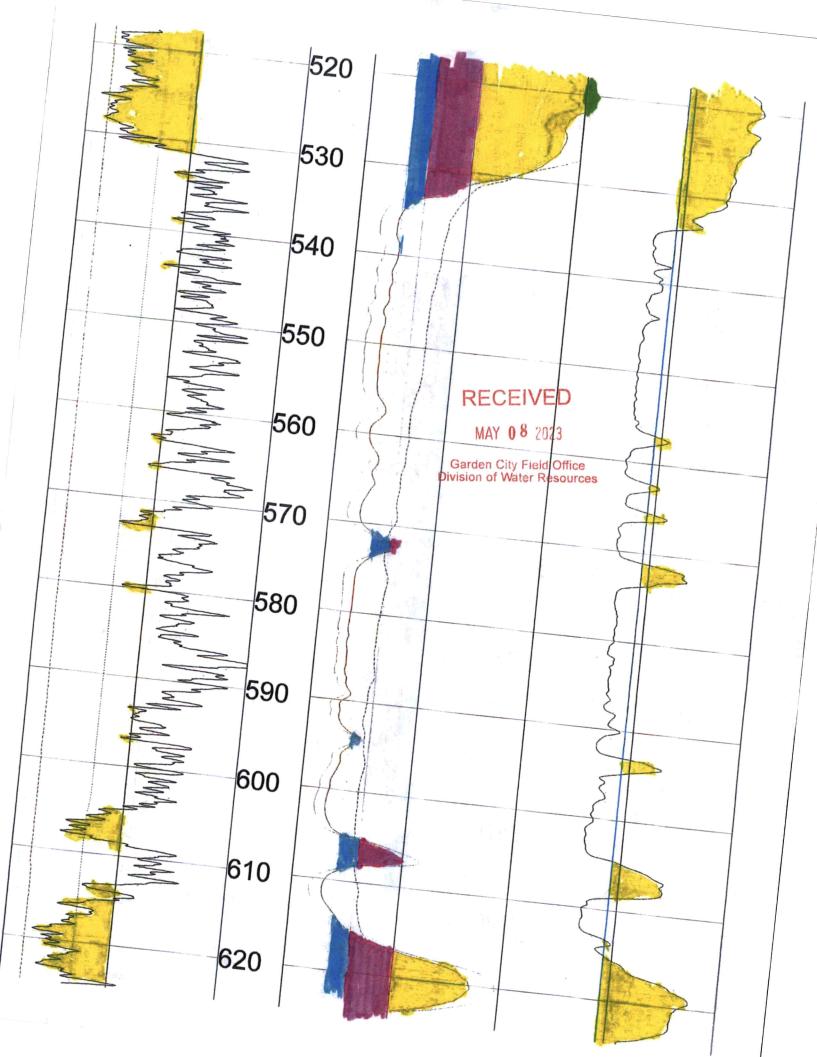


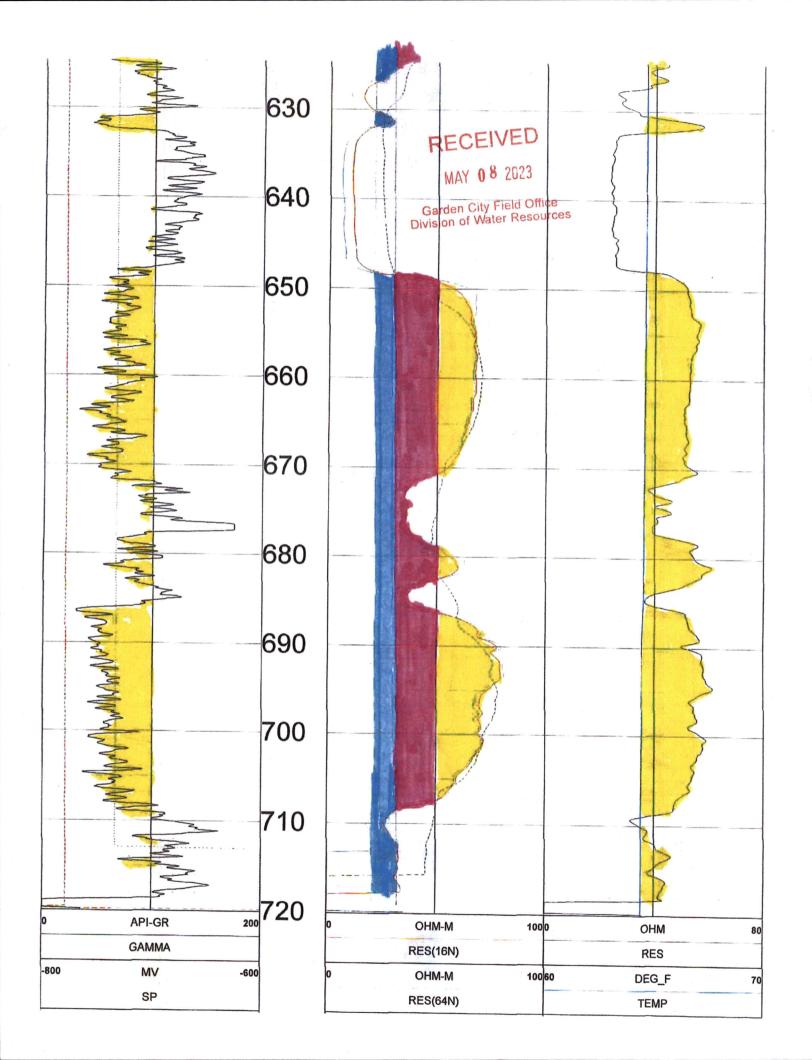












TOOL CALIBRATION VAUGHN NIGHTENGALE 04/28/23 15:44 TOOL 8144A TM VERSION 1 SERIAL NUMBER 365

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6 7	Jul12,17 Jul12,17 Jul12,17 Jan14,22 Jan14,22	13:17:49 13:17:49 08:33:36 08:33:36	TEMP TEMP RES RES	33.400 102.200 0.000 944.000	[DEG_F] [DEG_F] [OHM] [OHM]	66910.000 270930.000 21285.000 190148.000	[CPS] [CPS] [CPS] [CPS]

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MAY 08 2023

Garden City Field Office Division of Water Resources

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RES(FL)	FEET		LATERAL	100
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MAY 08 2023

Garden City Field Office Division of Water Resources



Application for Change in Point of Diversion

Water Right, File No. 14285

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

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

May 23, 2023

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

RECEIVED

MAY 2 3 2023

Garden City Field Office Division of Water Resources

Dear Austin:

RE:

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 aguifer model, which is considered to be the best information on well and aguifer 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

GMD3 Change Review

File No(s).: 14285. DWR office: GC. App filed to change: PD. Is Landowner(s) correct in WRIS: Yost Farms. 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) 03 being changed. ft. North ft. West **Authorized PD** 3937 1314 Sect 27-25-36 Proposed PD 4292 2025 Difference -355 n -711 w a2 + b2 = c2126025 505521 794.6987 foot move NW GPS for proposed PD: Lat: 37.854594 Long: -101.256593. Is proposed PD stacking on existing WRs? No. Is Proposed PU overlapping existing WRs? No Change. Neighboring certified well(s) notified: __. Name Fred Ritsema & Yoka Rodenhuis Trusts %Lakin Dairy (14218). Address PO Box 389. Zip Lakin, KS 67860. Email: aredge7910@gmail.com Phone: 620-290-915. TFT Alfalfa Farms LLC (19155). Name Address 902 West Broadway Plaza. Zip Leoti, KS 67861. Email: b.t.harvesting@hotmail.com Phone: 620-874-4139. Name Ralph & Jeraldine Reimer Trusts (26068 D1, domestic). Address PO Box 4 510 Ingalls St. Zip Lakin, KS 67860. Email: rreimer@pld.com Phone: 620-640-2857. Domestic well(s) notified: ___. Name Kelly D & Carolyn Koehn (SW NW of 23). Address 1709 Road 95. Lakin, KS 67860. Zip Base Acres: __. Perfected Acres: __. Irr. Return-Flow ____%

GMD3 Change Review

Kearny County

14285 has two PDs. ID 09 is not being changed

ID 03 authorized: 294AF @ 870gpm

2013-2022 avg reported use: 228.1AF/year

After meter repair in 2022, GMD3 inspection calculated around 450gpm.

Proposed depth 722'.

Is a waiver needed: Move is less than half mile. Minimum spacing to neighboring wells appears to be met. Analysis shows possible effects within guidelines, no critical wells.

Recommendation: After review of all available information, it appears current area rules

are met. Staff recommends approval of the application.

Report Date: Friday, May 12 2023

Water Rights and Points of Diversion Within 1 mile of point defined as:
4292 Feet N and 2025 Feet W of the Southeast Corner of Section 27 Twp 258 Rng 36W
Located at: 101.256592 West Longitude and 37.854595 North Latitude
Both SURFACE WATER and GROUNDWATER

	JUNI ACE												32					
File Unit	Number		Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt Auth_Quan Add_Quan
A	14218	00	IRR	NK	G		4548			NC	NE	3914	1300	28	25	36W	1	1/0, 284.00 284.00
AF A_	14267	00	IRR	NK	G		1937	<u></u>		NC	NW	3959	3927	27	25	36W	1	1400 307.00 307.00
AF Same							3598	<u>/</u> _		NC	SW	1300	4022	27	25	36W	7	1600 278.00 278.00
AF A	14269	00	IRR	NK	G			,										209.00 209.00
AF A	14277	00	IRR	NK	G		5047	<u>/</u> _	NW	SE	NW	3838	3383	22	25	36W	8	267.00 267.00
AF A	14278	00	IRR	NK	G		2087	<u></u>	SE	SE	SE	344	435	22	25	36W	9	299.00 299.00
AF Same							2581	4	NW	SE	SW	972	3650	22	25	36W	7	286.00 286.00
AF A_	14285	00	IRR	NK	G*		802	<u>/_</u>		NC	NE	3937	1314	27	25	36W	3	∠>294.00 294.00
AF Same																		160 291.00 291.00
AF A	19155	00	IRR	NK	G		5251	1	NW	NW	SE	2340	2380	26	25	36W	6	272.00 272.00
AF	26068	D1	IRR	NK	G		4060	1		NC	sw	1320	3960	23	25	36W	3	272.00 272.00
AF																		,
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	Vested							303	.0				.00	·				
	AMOUNT				•			3050	-	-			.00					
LOIM	LITTOUNI				14	, -		505		•			.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.

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:
4292 Feet North and 2025 Feet West of the Southeast Corner of Section 27 Twp 25S Rng 36W
Located at: 101.256592 West Longitude and 37.854595 North Latitude
Both SURFACE WATER and GROUNDWATER
WATER USE CORRESPONDENTS:

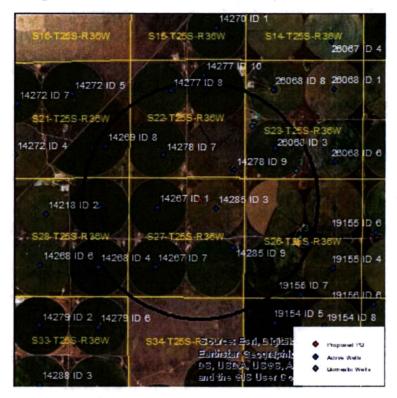
	===			
	Fi	e Number Use	ST SR	
	1	FRED RITSEMA &	YOKA RODENHUIS TRUSTS	
/	^	LAKIN DAIRY		
	>	PO BOX 389	11)16	
	>	LAKIN KS 67860	4218	
	>			
	>	YOST FARMS		A 1 .
_	>		11/2 /50	Applicant
	>	1106 RD AA	14260	1711
	>	LAKIN KS 67860	, , ,	. 14
	>			
	>	YOST FARMS		$\sim t_{\rm i}$
		1001 IMMO	110 /11	,
			14264	

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

> 1106 RD AA > LAKIN KS 67860 YOST FARMS 14277 > 1106 RD AA > LAKIN KS 67860 > YOST FARMS > 1106 RD AA 11/278 > LAKIN KS 67860 YOST FARMS Application 14/185 > 1106 RD AA > LAKIN KS 67860 > YOST FARMS > 1106 RD AA > LAKIN KS 67860 > /TFT ALFALFA FARMS LLC 19155 > 902 WEST BROADWAY PLAZA > LEOTI KS 67861 >-----> RALPH & JERALDINE REIMER TRUSTS 26068 DI > PO BOX 4 510 INGALLS ST > LAKIN KS 67860

Evaluation of proposed move for Water Right No. 14285

Proposed: Move water right no. 14285 ID3 to a new well location, a distance of 802 ft to the northwest.



Wells within 1 mile: 14285 ID9, 14269, 14277, 14278 ID7, 14278 ID9, 26068, 14218, 14267 ID1, 14267 ID7, 19155, and three domestic wells, numbered on the above map.

The saturated thickness at the proposed well location is estimated to be 230 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 = 0.07438, T = 10,909 ft²/day, $tp_{current} = 115$ days (based on average use and observed rate), $Q_{current} = 450$ gpm (based on 2022 field inspection), $tp_{proposed} = 76$ days, $Q_{proposed} = 870$ gpm

Theis drawdowns were calculated as follows:

14285 ID9:

Drawdown from current location = 2.34 ft

Drawdown from proposed location = 2.86 ft

Net drawdown = 0.5 ft

14269:

Drawdown from current location = 1.22 ft

Drawdown from proposed location = 1.78 ft

Net drawdown = 0.6 ft

14277:	Drawdown from current location = 1.23 ft
142//.	Diawdown Holli Current location - 1.25 it

Drawdown from proposed location = 1.75 ft

Net drawdown = 0.5 ft

14278 ID7: Drawdown from current location = 1.72 ft

Drawdown from proposed location = 2.88 ft

Net drawdown = 1.2 ft

14278 ID9: Drawdown from current location = 2.36 ft

Drawdown from proposed location = 3.37 ft

Net drawdown = 1.0 ft

26068: Drawdown from current location = 1.60 ft

Drawdown from proposed location = 2.06 ft

Net drawdown = 0.5 ft

14218: Drawdown from current location = 1.28 ft

Drawdown from proposed location = 1.89 ft

Net drawdown = 0.6 ft

14267 ID1: Drawdown from current location = 1.98 ft

Drawdown from proposed location = 3.51 ft

Net drawdown = 1.5 ft

14267 ID7: Drawdown from current location = 1.59 ft

Drawdown from proposed location = 2.28 ft

Net drawdown = 0.7 ft

19155: Drawdown from current location = 1.43 ft

Drawdown from proposed location = 1.70 ft

Net drawdown = 0.3 ft

Domestic 1: Drawdown from current location = 1.54 ft

Drawdown from proposed location = 1.89 ft

Net drawdown = 0.4 ft

Domestic 2:

Drawdown from current location = 1.53 ft

Drawdown from proposed location = 2.07 ft

Net drawdown = 0.5 ft

Domestic 3:

Drawdown from current location = 1.53 ft

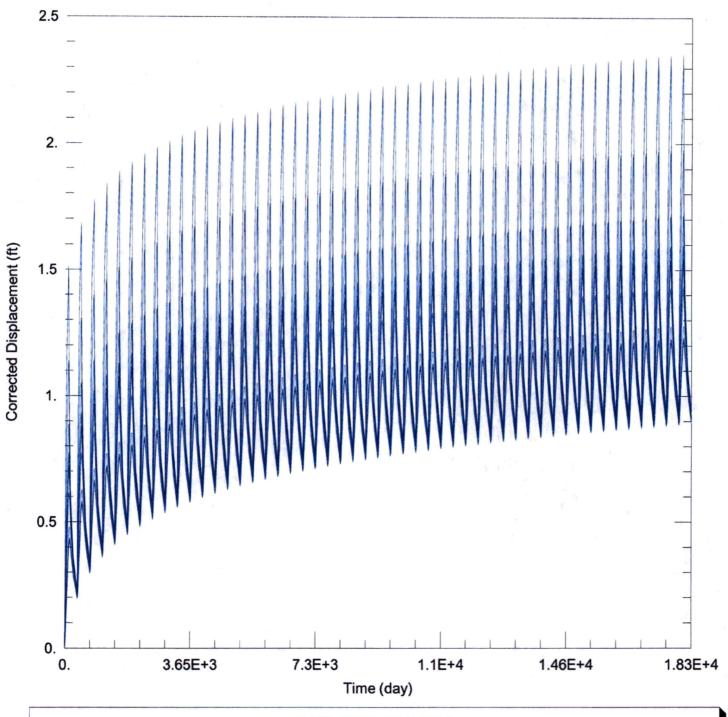
Drawdown from proposed location = 1.80 ft

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: <u>C:\Users\trevora\Documents\2023_moves\14285\14285 Current.aqt</u>
Date: <u>05/17/23</u> Time: <u>16:13:13</u>

Time: 16:13:13

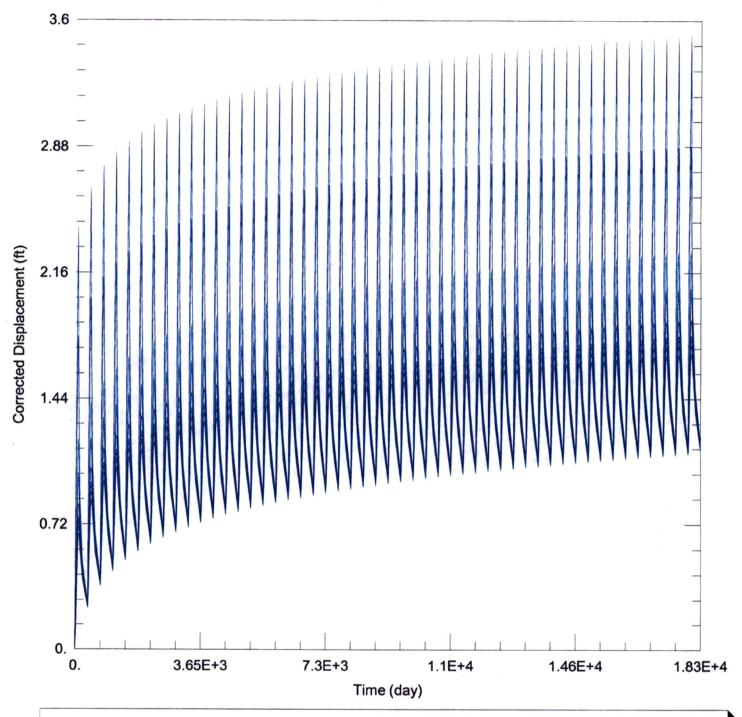
PROJECT INFORMATION

Company: GMD 3 Project: 14285

Location: Kearny County

WELL DATA

	Pumping Wells		Obs	servation Wells	
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
14285 ID3	131274	356652		-131274	356652



WELL TEST ANALYSIS

Data Set: <u>C:\Users\trevora\Documents\2023_moves\14285\14285 Proposed.aqt</u>
Date: <u>05/17/23</u> Time: 16:13:07

Time: 16:13:07

PROJECT INFORMATION

Company: GMD 3 Project: 14285

Location: Kearny County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
14285 ID3	131992	357010		-131992	357010
				1001	

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

May 12, 2023

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

Re:

Request for Recommendation,

File No. 14285

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Yost Farms 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: