

Kansas Department of Agriculture
Division of Water Resources
CHANGE: P/D WORKSHEET

1. File Number: 39036	2. Status Change Date:	3. Change Num: C7	4. Field Office: 4	5. GMD: 3
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: 2/27/2023
8a. Applicant(s) New to system <input type="checkbox"/> SHAFER FAMILY FARMS LLC PO BOX 7602 HORSESHOE BAY, TX 78657-7602		Person ID 62849 Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/> 8a		Person ID _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/> WARREN M & AMANDA R WILLIS 613 ROAD N HUGOTON, KS 67951	
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2023 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2024				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 4/3/2023 By: AM Date Entered: _____ By: _____				

File No. **39036** 11. County: **SV** Basin: **CIMARRON RIVER** Stream: Formation Code: Special Use:

12. Points of Diversion										Rate and Quantity							
CHK	MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files

DEL																	
ENT					SW SE NE	18	33S	38W		2722	769		375	186	375	186	20227047-MF

13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

14. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
CHK 613																									
CHK 11191																									
CHK 13880																									
CHK 36124																									
CHK 40423																									

Base Acres: Year: Minimum Reasonable Quantity:

Comments:

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



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

Mike Beam, Secretary

Laura Kelly, Governor

April 3, 2023

SHAFER FAMILY FARMS LLC
PO BOX 7602
HORSESHOE BAY, TX 78657-7602

RE: Filed Office Application for Change
Water Right, File No. 39036

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,

A handwritten signature in blue ink that reads "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc: GMD 3

CERTIFICATE OF SERVICE

On this 3rd day of April, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 39,036 dated 3rd day of April, 2023 was mailed postage prepaid, first class, US mail to the following:

SHAHER FAMILY FARMS LLC
PO BOX 7602
HORSESHOE BAY, TX 78657-7602

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.

File No. 39036

RECEIVED
 8:00 AM
FEB 27 2023

1. Application is hereby made for approval of the Chief Engineer to change the (check one or both):

Place of Use Point of Diversion

under the water right which is the subject of this application in accordance with the conditions described below.

The source of supply is: Groundwater Surface water

Garden City Field Office
 Division of Water Resources

2. Name and address of Applicant: SHAFER FAMILY FARMS LLC
PO BOX 7602, HORSESHOE BAY, TX 78657-7602

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: WARREN M & AMANDA R WILLIS
613 ROAD N, HUGOTON, KS 67951

Phone Number: () Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: Same

ADDRESS: _____

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES		
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼			

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.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				

For Office Use Only: Code _____ Fee \$ <u>200.00</u> TR # _____ Receipt Date <u>2-27-23</u> Check # <u>2560</u>
--

5. **Presently authorized point of diversion:**
 One in the NW Quarter of the NE Quarter of the SW Quarter of Section 18, Township 33 South, Range 38 W, in SV County, Kansas, 2513 feet North 3379 feet West of Southeast corner of section. Authorized Rate No change Authorized Quantity No change Depth of well _____ (feet)
 (DWR use only: Computer ID No. 4 GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the SW Quarter of the SE Quarter of the SE NE Quarter of Section 18, Township 33 South, Range 38 W, in SV County, Kansas, 2722 feet North 769 feet West of Southeast corner of section. Proposed Rate No change Proposed Quantity No change Proposed well depth (feet) 460.
 This point is: Additional Well Geo Center List other water rights that will use this point _____.

6. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows: No change, point better described with GPS as follows:
Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____.
 This point is: Additional Well Geo Center List other water rights that will use this point _____.

7. The changes herein are desired for the following reasons?
 (please be specific) _____

8. If a well, is the test hole log attached? Yes No

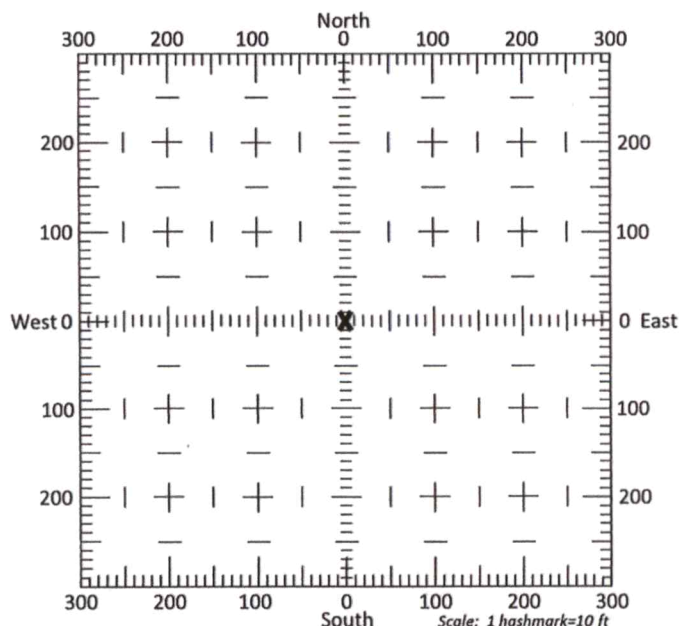
9. The change(s) (was)(will be) completed by?

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
Plug.
 (b) When will this be done? 12/31/2023

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by mdf/GCFO

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach 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 proposed point of diversion will be relocated within 300 feet of the existing point of diversion, indicate its location on the 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 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.)

If 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).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at First United Bank - Horseshoe Bay, Texas, Kansas, this 21st day of February, 2023.

Robert J. Shafer

 (Owner)
ROBERT J. Shafer

 (Please Print)

Donna K. Shafer

 (Spouse)
Donna K. Shafer

 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

 (Owner)

 (Spouse)

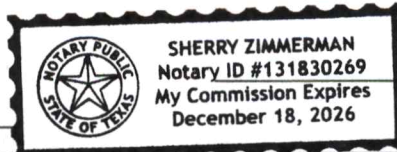
 (Please Print)

 (Please Print)

State of Texas }
 Kansas }
 County of Llano } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 21st day of February, 2023.

My Commission Expires 12-18-2026



Sherry Zimmerman

 Notary Public

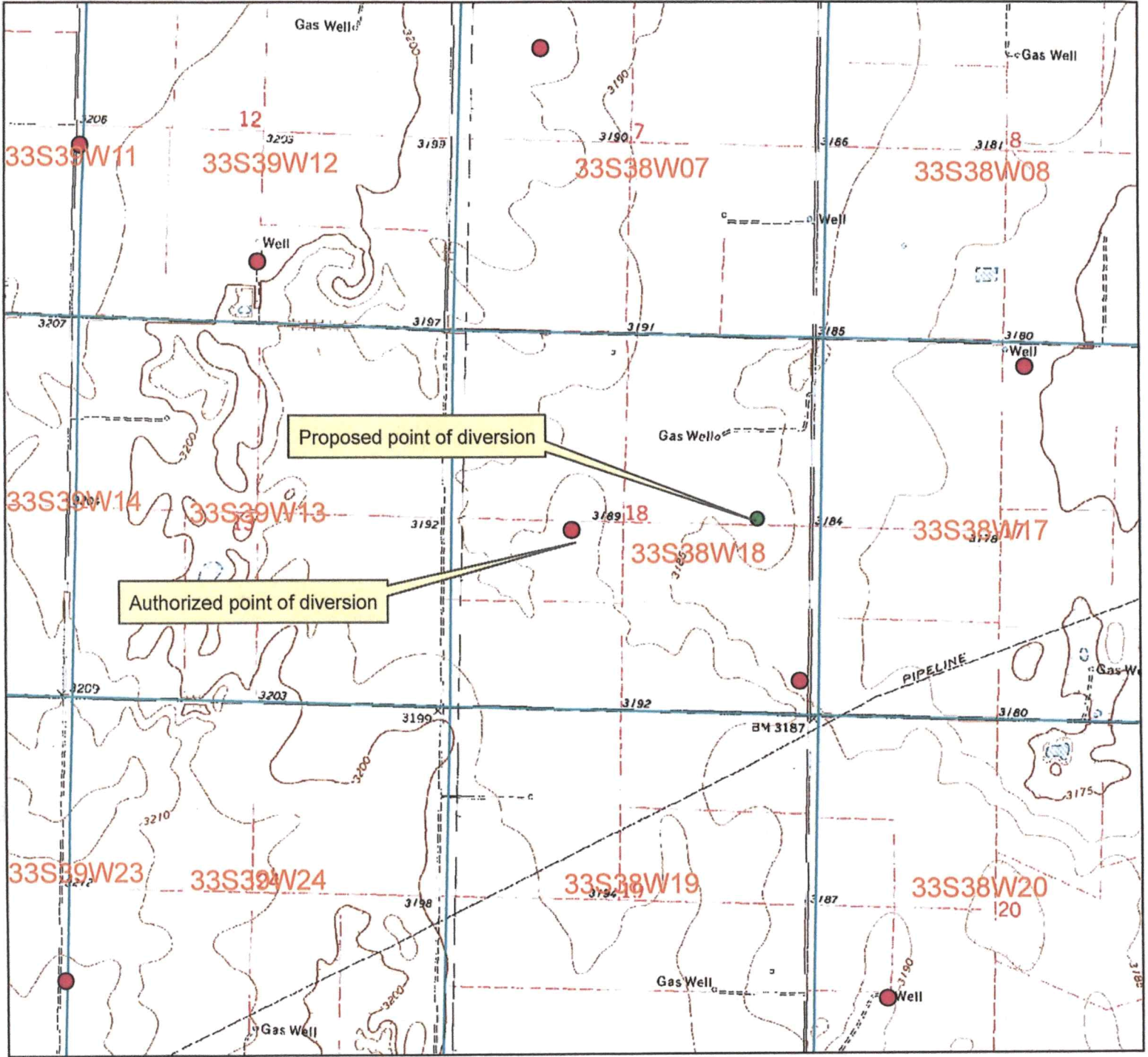
ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. To be complete, all of the applicable portions of the application form must be completed with accurate information; maps, if necessary, must be included; signatures of all the appropriate owners' must be affixed to the application and notarized; and the appropriate fee must be paid.

FEE SCHEDULE

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**

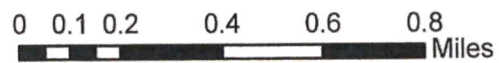
- (1) Application to change a point of diversion 300 feet or less \$100
- (2) Application to change a point of diversion more than 300 feet \$200
- (3) Application to change the place of use \$200

Change in point of diversion for water right 39036



● Authorized point of diversion

● Proposed point of diversion



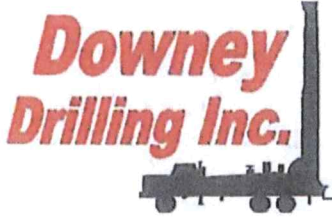
All wells within 1/2 mile are on this map.

X _____

mdf/GCFO

WELL LOG

DATE: 1/9/2022



CUSTOMER NAME: SHAFER FAMILY FARMS, LLC

TH #1B

EAST

LEGAL: NE 18-33S-38W

COUNTY: STEVENS

GPS: 37.177500 N

101.486109 W

DRILLER: IVAN COETZER

WO: 22-150

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
0	2		TOPSOIL	SOFT	DARK	FAST	NO	SMOOTH
2	21		CLAY	SOFT	LIGHT BROWN	SLOW	NO	SMOOTH
21	24		FINE-MED SAND	SOFT	LIGHT BROWN	FAST	NO	SLIGHT CHATTER
24	35		CLAY	SOFT	LIGHT BROWN	SLOW	NO	SMOOTH
35	52		FINE-MED SAND, COARSE SAND	SOFT	LIGHT BROWN	FAST	NO	CHATTER
52	59		CLAY	SOFT	REDISH	SLOW	NO	SMOOTH
59	68		FINE-MED SAND	SOFT	REDISH	FAST	NO	SLIGHT CHATTER
68	81		CLAY	SOFT	REDISH	FAST	NO	SMOOTH
81	83		FINE-MED SAND	SOFT	REDISH	FAST	NO	SMOOTH
83	100		CLAY, THIN CEMENTED LAYERS	SOFT	REDISH	SLOW	NO	SMOOTH
100	140		CLAY, THIN FINE-MED SAND STRIPS	SOFT	REDISH	FAST	NO	SMOOTH
140	153		CLAY	SOFT	REDISH	SLOW	NO	SMOOTH
153	161		FINE-MED-COARSE SAND	SOFT	REDISH	FAST	NO	CHATTER
161	200		CLAY, THIN FINE-MED SAND STRIPS	SOFT	REDISH	FAST	NO	SMOOTH
200	215		CLAY, THIN CEMENTED LAYERS	FIRM @ TIMES	REDISH	SLOW	NO	CHOPPY @ TIMES
215	240		CLAY, FINE SAND	SOFT	REDISH	FAST	NO	VIBRATION
240	260		FINE SAND, THIN CEMENTED STRIPS, TRACES OF CLAY	SOFT	REDISH	FAST	NO	VIBRATION
260	280		FINE SAND, CLAY LAYERS	SOFT	REDISH	FAST	NO	SLIGHT VIBRATION
280	306		MED-COARSE SAND, TRACES OF CLAY	SOFT	REDISH	FAST	NO	VIBRATION
306	334		COARSE SAND, FINE GRAVEL	SOFT	REDISH	FAST	NO	CHATTER
334	340		CLAY	FIRMER	REDISH	SLOW	NO	SMOOTH
340	375		CLAY, FINE SAND LAYERS	FIRM @ TIMES	REDISH	SLOW	NO	SMOOTH
375	460		RED BED (CLAY)	FIRM @ TIMES	RED	SLOW	NO	SMOOTH
			QUIKGEL - 2 BAGS					
			3/4 HOLEPLUG - 2 BAGS					
			CASING SEAL - 1 BAG					
			H2O - 5 GALLONS					

RECEIVED

FEB 17 2023

Gardner City Field Office
Division of Water Resources



Century GEOPHYSICAL CORP.

SHAFER FAMILY FARMS LLC

COMPANY : DOWNEY DRILLING INC
 WELL : SHAFER FAMILY FARMS LL
 LOCATION/FIELD : ~~TH#3~~ #1B (East)
 COUNTY : STEVENS
 LOCATION : N1/2
 SECTION : 18 TOWNSHIP : 33S RANGE : 38W

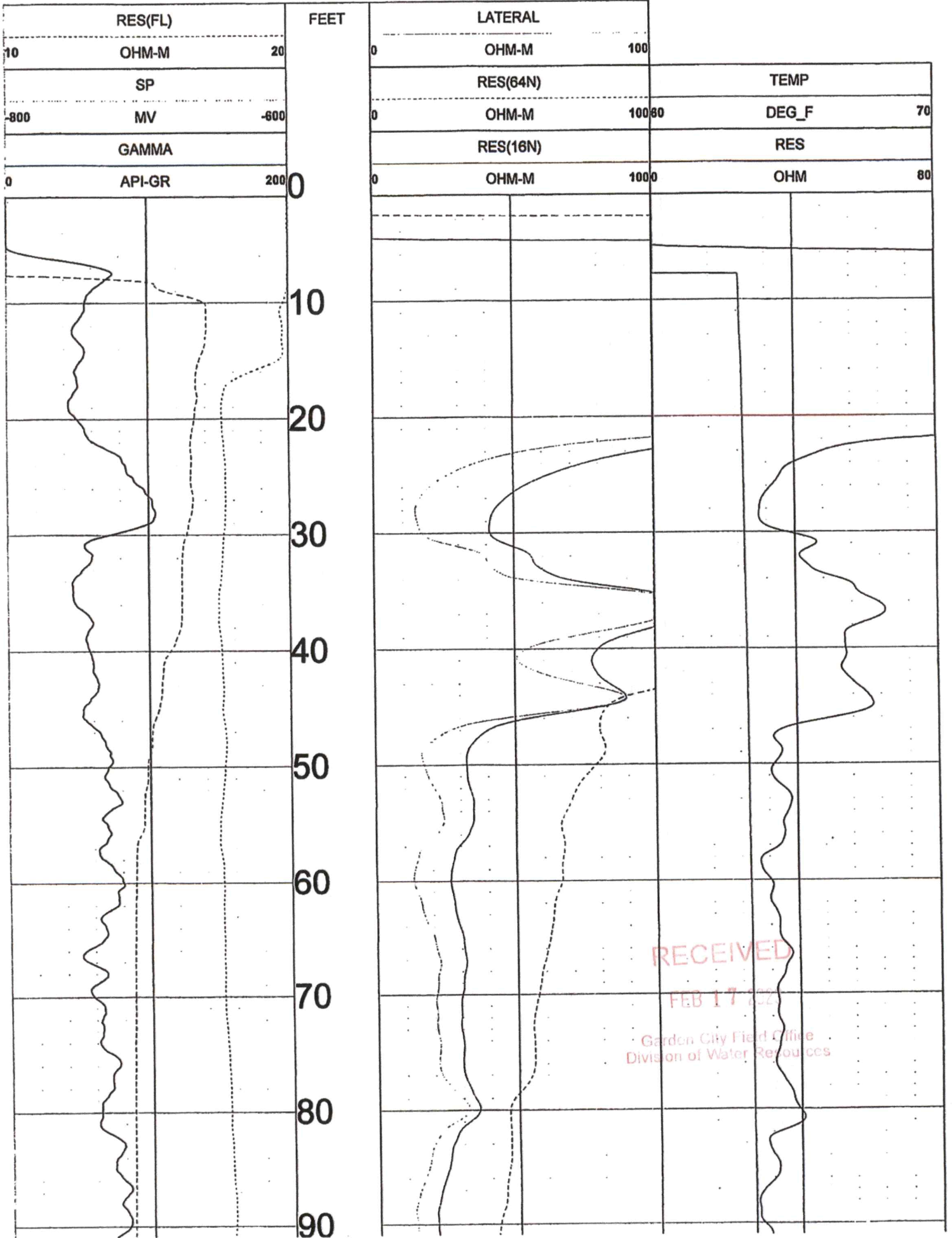
OTHER SERVICES:

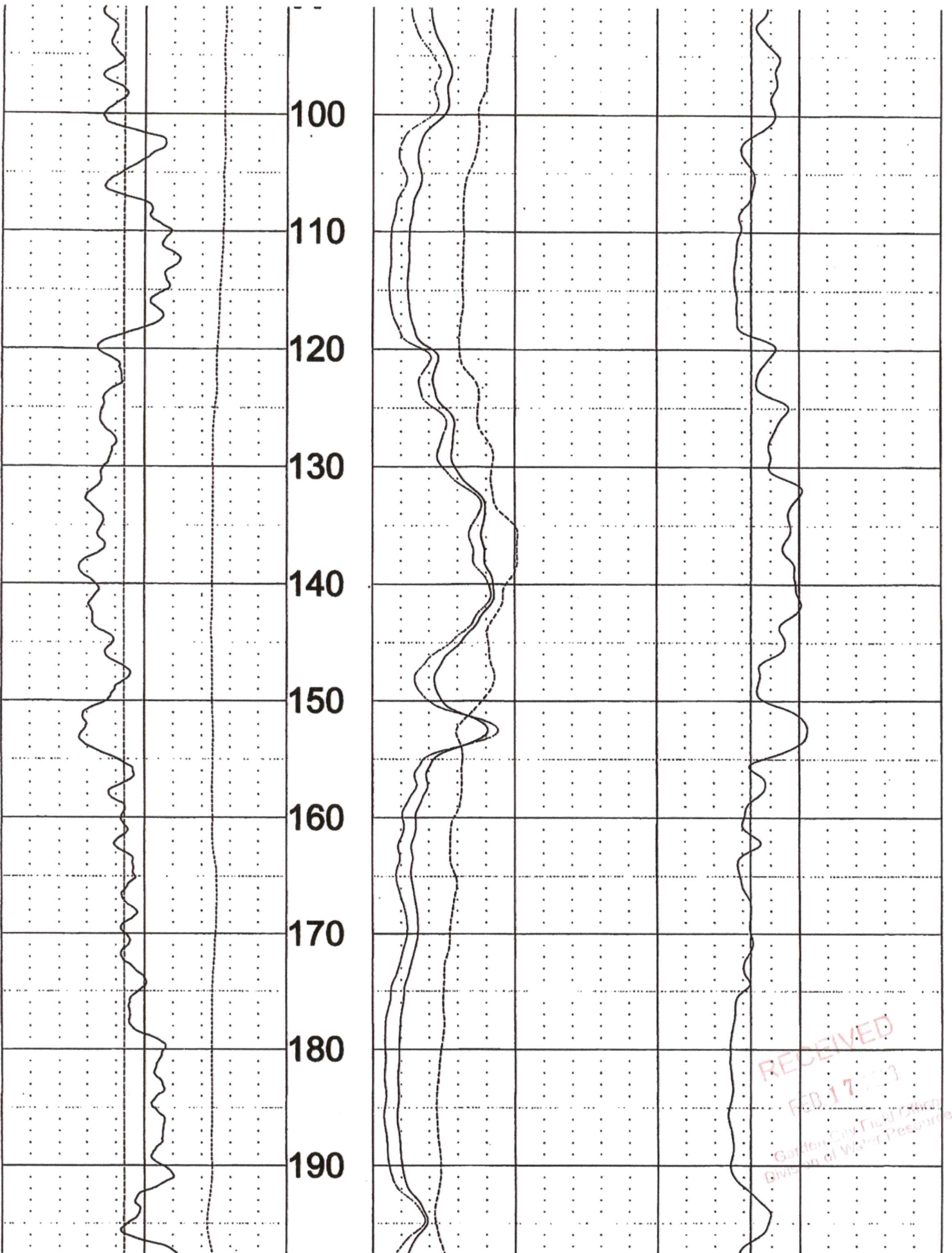
DATE : 01/09/23 PERMANENT DATUM : GL
 DEPTH DRILLER : 460 KB :
 LOG BOTTOM : 460.60 LOG MEASURED FROM: GL DF :
 LOG TOP : 0.90 DRL MEASURED FROM: GL GL :
 CASING DIAMETER : 10. LOGGING UNIT : 1903
 CASING TYPE : FIELD OFFICE : DDI
 CASING THICKNESS: RECORDED BY : WILL
 BIT SIZE : 6.25 BOREHOLE FLUID : MUD FILE : ORIGINAL
 MAGNETIC DECL. : 0 RM : TYPE : 8144A
 MATRIX DENSITY : 2.71 RM TEMPERATURE : LGDATE: 01/09/23
 NEUTRON MATRIX : LIMESTON MATRIX DELTA T : 49 LGTIME : 15:22:
 THRESH: 99999

N 37 10~~8~~ .177500
 W -101 29~~1~~ .486109

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

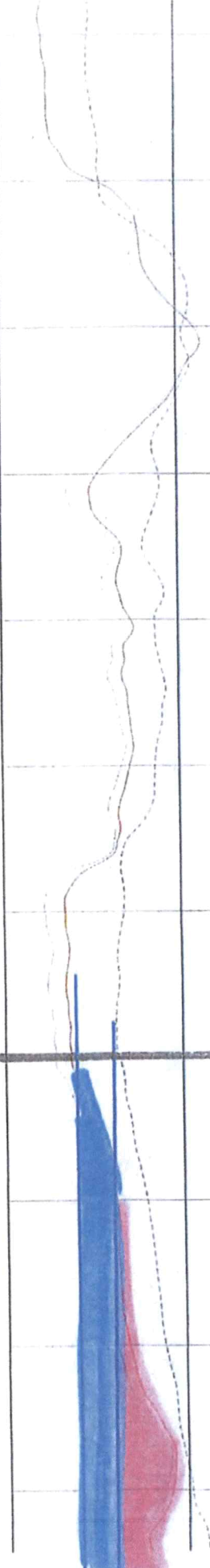
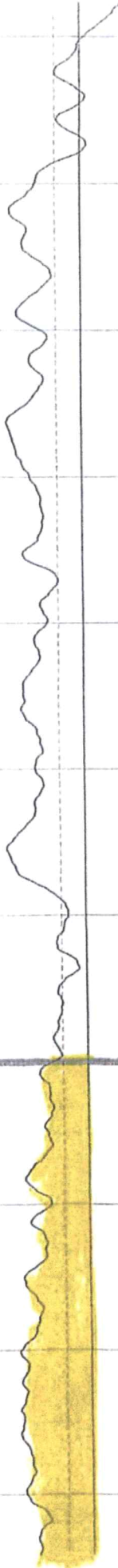
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 FEB 17 2023
 Garden City Field Office
 Division of Water Resources



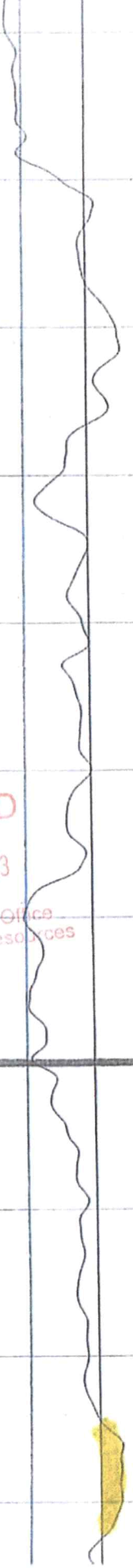


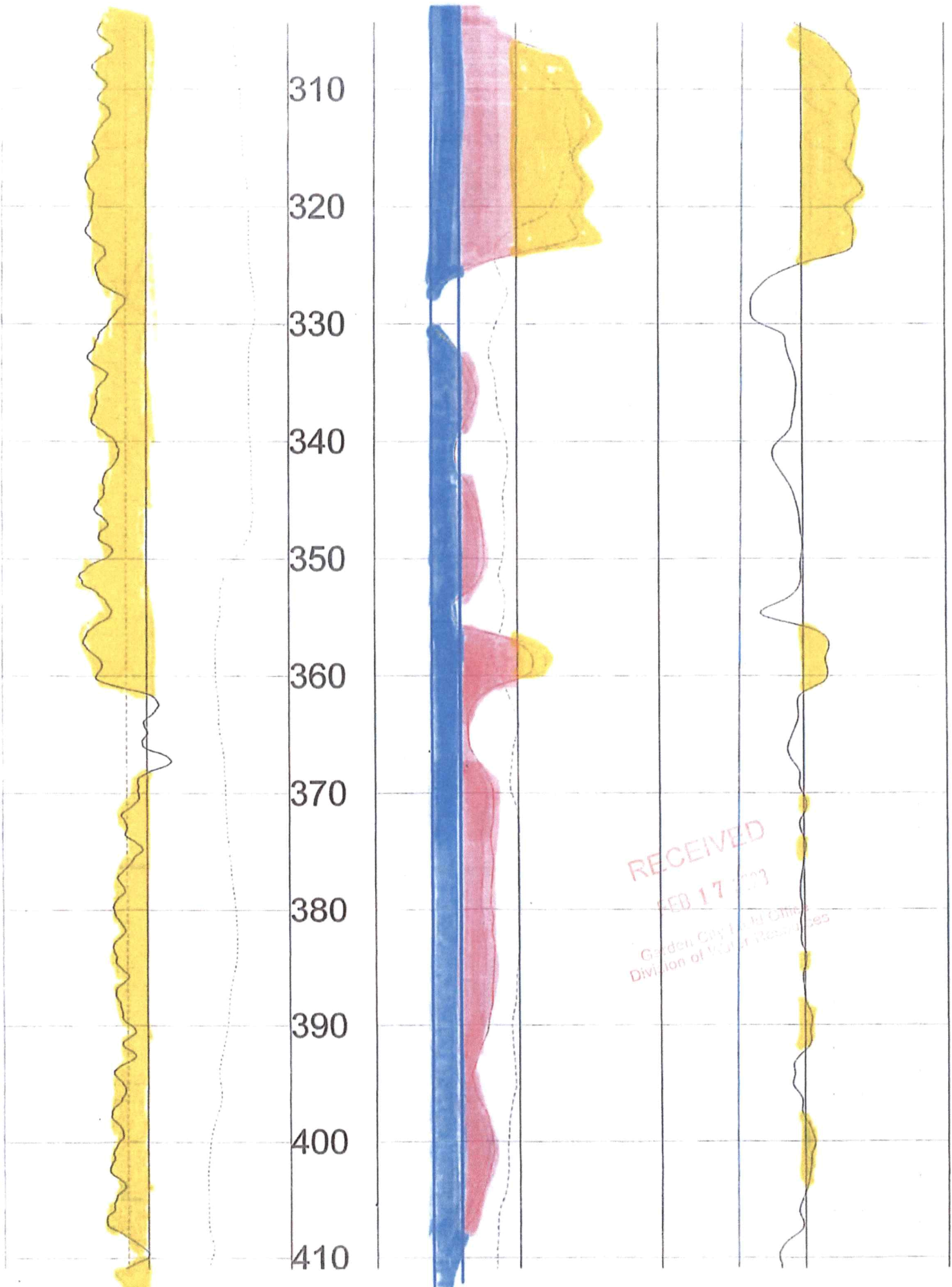
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Division of Water Resources

200
210
220
230
240
250
260
270
280
290
300



RECEIVED
FEB 17 2023
Garden City Field Office
Division of Water Resources





RECEIVED
FEB 17 2013
Garden City Public Office
Division of Water Resources

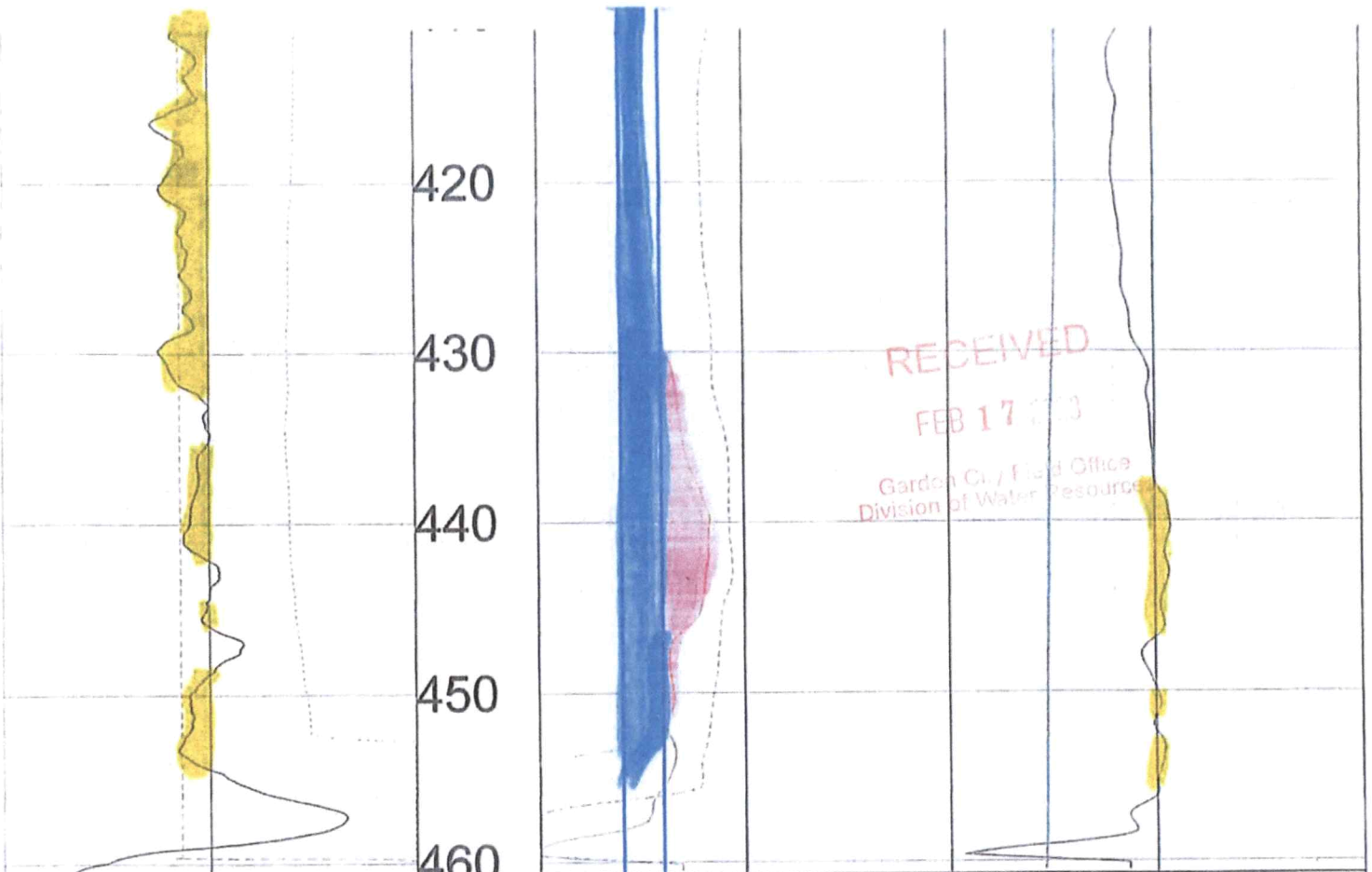
420
430
440
450
460

0	API-GR	200
	GAMMA	
-800	MV	-600
	SP	
10	OHM-M	20
	RES(FL)	

FEET

0	OHM-M	1000	OHM	80
	RES(16N)		RES	
0	OHM-M	10060	DEG_F	70
	RES(64N)		TEMP	
0	OHM-M	100		
	LATERAL			

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FEB 17 2003
Garden City Field Office
Division of Water Resources



TOOL CALIBRATION SHAFER FAMILY FARMS LLC 01/09/23 15:22
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

	DATE	TIME	SENSOR	STANDARD		RESPONSE
1	Feb08,18	07:51:35	GAMMA	1.000	[API-GR]	4.000 [CPS]
	Feb08,18	07:51:35	GAMMA	340.000	[API-GR]	290.000 [CPS]
2	Jul12,17	13:24:17	RES(FL)	1.330	[OHM-M]	7595.000 [CPS]
	Jul12,17	13:24:17	RES(FL)	42.700	[OHM-M]	64820.000 [CPS]
3	Jan14,22	08:32:51	SP	0.000	[MV]	327768.000 [CPS]
	Jan14,22	08:32:51	SP	381.500	[MV]	164650.000 [CPS]
4	Jan14,22	08:33:01	RES(16N)	0.000	[OHM-M]	3453.000 [CPS]
	Jan14,22	08:33:01	RES(16N)	1951.500	[OHM-M]	448089.000 [CPS]
5	Jan14,22	08:33:10	RES(64N)	0.000	[OHM-M]	3163.000 [CPS]
	Jan14,22	08:33:10	RES(64N)	1994.000	[OHM-M]	449170.000 [CPS]
6	Jul12,17	13:17:49	TEMP	33.400	[DEG_F]	66910.000 [CPS]
	Jul12,17	13:17:49	TEMP	102.200	[DEG_F]	270930.000 [CPS]
7	Jan14,22	08:33:36	RES	0.000	[OHM]	21285.000 [CPS]
	Jan14,22	08:33:36	RES	944.000	[OHM]	190148.000 [CPS]

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FEB 17 2023
Garden City Field Office
Division of Water Resources

SHAFFER FAMILY FARMS

NE 18-33S-38W STEVENS CO.

Legend

SHA2-3

SHA1-3 ELEV=3194'

SHA1-2 ELEV=3195'

SHA1-4 ELEV=3194'

SHA1-5 ELEV=3193'

SHA1-6 ELEV=3191'

SHA1-7 ELEV=3190'

HYDRO TH #1 10/25/2010 ELEV=319

HYDRO 12/9/10 #3 ELEV=3189'

DDI 2023 TH #1A ELEV=3191' 37.177603° -101.486518°

DDI 2023 TH #1B ELEV=3190'

DDI 2023 TH #2 ELEV=3194'

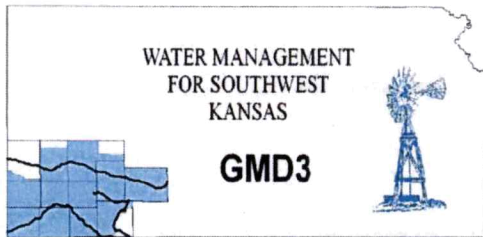
SHENKLE 1988 TH #1 ELEV=3193'

ELEV=3195'

Google Earth

1000 ft





Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone
www.gmd3.org

April 3, 2023

RECEIVED

APR 03 2023

**Garden City Field Office
Division of Water Resources**

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. 39036

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 (3.5 ft with saturated thickness is between 150-200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. 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): 39036. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Shafer Family Farms LLC.

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) being changed.

	ft. North	ft. West	
Authorized PD	2513	3379	Sect 18-33-38
Proposed PD	2722	769	
Difference	-209 n	2610 e	
a2 + b2 = c2	43681	6812100	2618.355 foot move NE

GPS for proposed PD: Lat: 37.17750 Long: -101.486109.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Stegman Farms (6230).

Address 815 S Van Buren St.

Zip Hugoton, KS 67951.

Email: stegrace@pld.com Phone: 620-544-5293.

Domestic well(s) notified: One possible domestic in NW NE of 20 owned by tenant of applicant.

Name Pedro & Maria Ordonez (S2 SE 17).

Address 548 Road N.

Zip Hugoton, KS 67951.

Name Tri-Rotor Spray & Chemical (NW NE 20).

Address 561 Road N.

Zip Hugoton, KS 67951

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

Stevens County

Well was redrilled in 2022

**At that time the analysis showed no critical wells. Original PD location was 600'N
5240'W in section 18**

Average water use reported (2013-2022): 67.621AF/year

GMD3 Change Review

Reported 136gpm on 2022WUR

Driller's log goes to 460'

2022 Change proposed well depth of 383'

Is a waiver needed: Move from current well is less than half mile. Minimum spacing to neighboring wells appears to be met. Analysis shows possible effects within guidelines and no critical wells. No response from notices.

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

A handwritten signature in blue ink, appearing to be the initials 'Jm' or similar, located in the lower right quadrant of the page.

Water Rights and Points of Diversion Within 1 mile of point defined as:

2722 Feet N and 769 Feet W of the Southeast Corner of Section 18 Twp 33S Rng 38W
 Located at: 101.486108 West Longitude and 37.177499 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					
A__ AF	6230	00	IRR	NK	G				4312	--	NW	NW	NE	-----	-----	17	33	38W	1		423.00	423.00
A__ AF	13630	00	IRR	NK	G				2336	--	SE	SE	SE	475	120	18	33	38W	3		320.00	320.00
A__ AF	19827	00	IRR	NK	G				2336	--	SE	SE	SE	475	120	18	33	38W	3		320.00	320.00
A__ AF	39036	00	IRR	NK	G*	↔			2629	--	NW	NE	SW	2513	3379	18	33	38W	4		186.00	186.00
T__ AF	20227047	MF	IRR	GY	G				2629	--	NW	NE	SW	2513	3379	18	33	38W	4		930.00	.00

Total Net Quantities Authorized:	Direct	Storage
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) =	1249.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1249.00	.00

*Minimum Spacing
Appears Met*

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:

2722 Feet North and 769 Feet West of the Southeast Corner of Section 18 Twp 33S Rng 38W
 Located at: 101.486108 West Longitude and 37.177499 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

- > STEGMAN FARMS
- > 815 S VAN BUREN ST
- > HUGOTON KS 67951
- > -----
- > WARREN M & AMANDA R WILLIS
- > 613 ROAD N
- > HUGOTON KS 67951
- > -----
- > WARREN M & AMANDA R WILLIS
- > 613 ROAD N
- > HUGOTON KS 67951
- > -----
- > WARREN M & AMANDA R WILLIS
- > 613 ROAD N
- > HUGOTON KS 67951
- > -----
- > WARREN M & AMANDA R WILLIS
- > 613 ROAD N

6230

13630

19827

39036

Application

Evaluation of proposed move for Water Right No. 39036

Proposed: Move water right no. 39036 to a new well location, a distance of 2,628 ft to the east. This water right was recently moved, so drawdown effects were calculated from the previous location.



Wells within 1 mile: 13630 & 19827, 6230, and a domestic well in section 17-33-38.

The saturated thickness at the proposed well location is estimated to be 186 ft, based upon the GMD3 model. For saturated thickness between 150 ft and 200 ft, the drawdown allowance is 3.5 ft.

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

$S = 0.08851$, $T = 6333 \text{ ft}^2/\text{day}$, $t_{p\text{current}} = 98 \text{ days}$ (based on average use and observed rate),
 $Q_{\text{current}} = 172 \text{ gpm}$ (based on 2014 field inspection), $t_{p\text{proposed}} = 112 \text{ days}$, $Q_{\text{proposed}} = 375 \text{ gpm}$

Theis drawdowns were calculated as follows:

- 13630 & 19827:
 - Drawdown from current location = 0.59 ft
 - Drawdown from proposed location = 2.41 ft
 - Net drawdown = **1.8 ft**

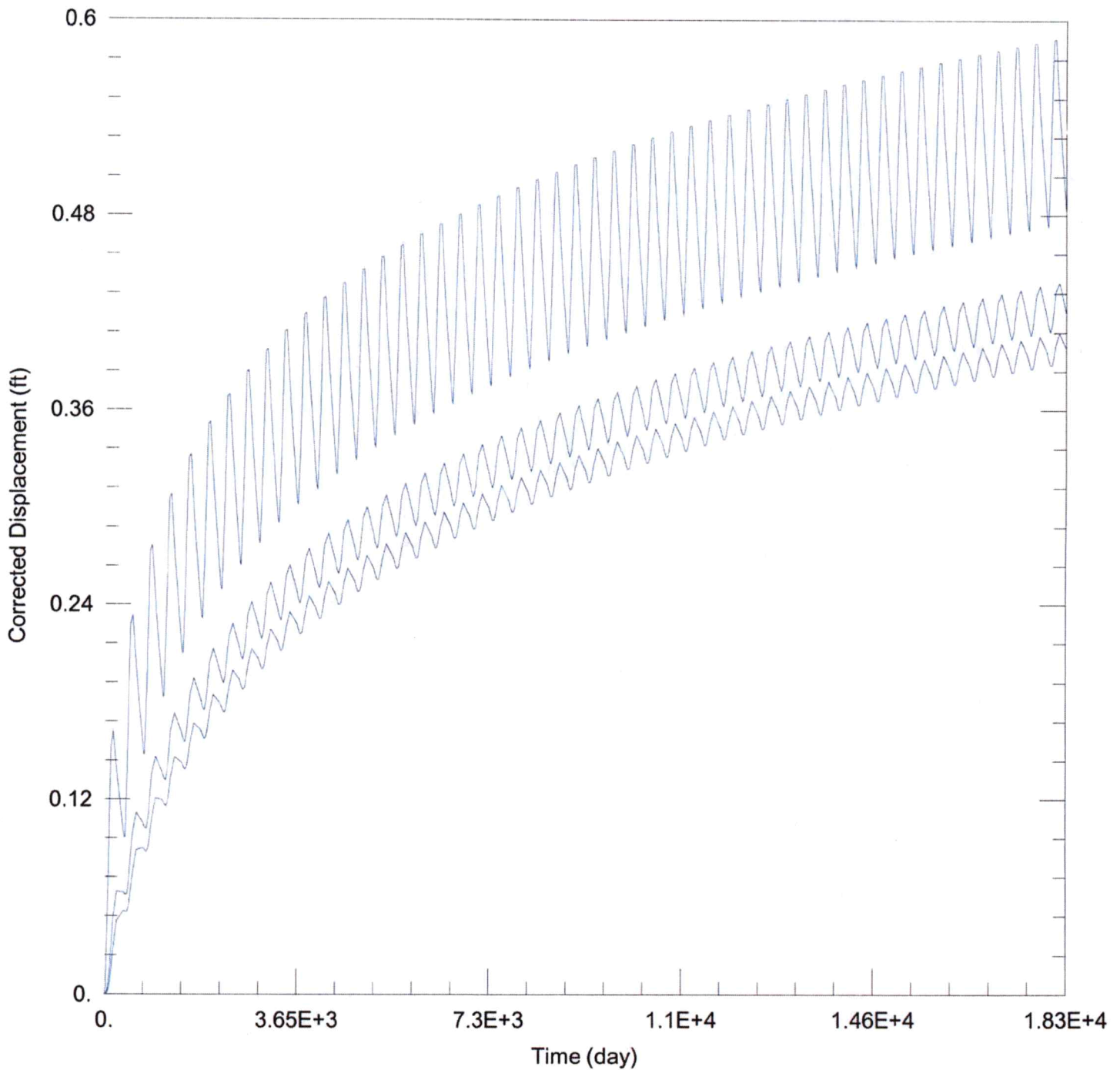
- 6230:
 - Drawdown from current location = 0.41 ft
 - Drawdown from proposed location = 1.62 ft
 - Net drawdown = **1.2 ft**

Domestic 17-33-38: Drawdown from current location = 0.44 ft
Drawdown from proposed location = 1.67 ft
Net drawdown = 1.2 ft

Net drawdown does not exceed the drawdown allowance of 3.5 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

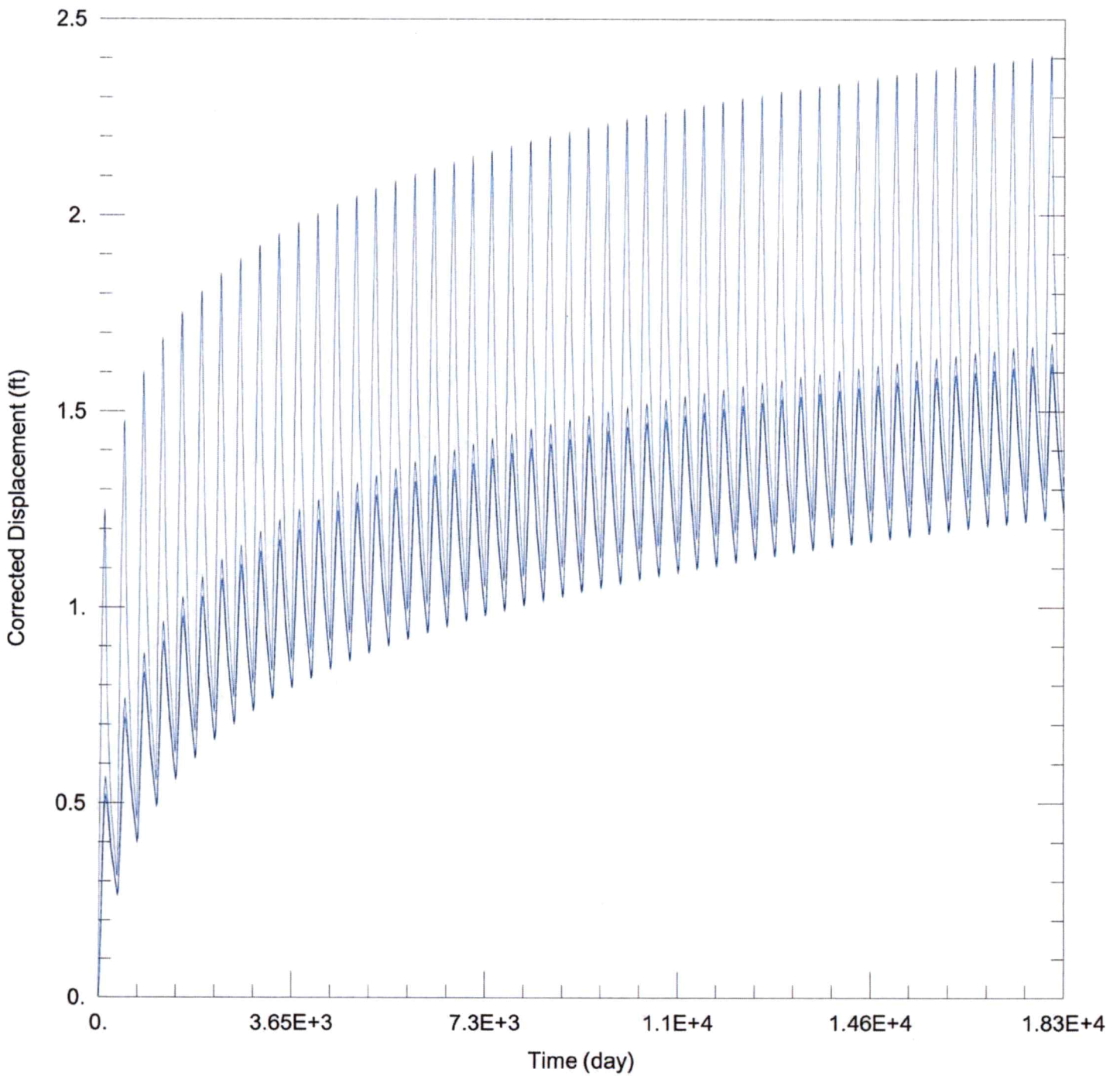
Data Set: C:\Users\trevora\Documents\2023_moves\39036\39036 Current.aqt
 Date: 03/27/23 Time: 13:53:38

PROJECT INFORMATION

Company: GMD 3
 Project: 39036
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
39036	-204446	108785		-204446	108785



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023_moves\39036\39036 Proposed.aqt
 Date: 03/27/23 Time: 13:53:31

PROJECT INFORMATION

Company: GMD 3
 Project: 39036
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
39036	-200063	110868	□	-200063	110868

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

March 21, 2023

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

Re: Request for Recommendation,
File No. 39036

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Shafer Family 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,

A handwritten signature in blue ink that reads "Austin McColloch".

Austin McColloch
Assistant Water Commissioner

Enclosure
pc:

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

March 6, 2023

WARREN M & AMANDA R WILLIS
613 ROAD N
HUGOTON, KS 67951

RE: Application for Change
Water Right, File No. 39036

Dear Sir or Madam:

This is to advise you that Shafer Family Farms LLC has filed an application for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion under the above referenced applications. An irrigation well is proposed to be relocated to the SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 18, Township 33 South, Range 38 West, Stevens County.

You can find the complete applications posted by water right file number as referenced above at: www.Agriculture.ks.gov/DWRNotices

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you 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 contact this office. If you would prefer, you could arrange an appointment for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

A handwritten signature in black ink, appearing to read "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:

pc:

SCANNED