

Kansas Department of Agriculture
Division of Water Resources
 APPROVAL OF CHANGE APPLICATION WORKSHEET

1. File No.: 14935	2. Status Change Date:	4. Field Office: 04 - Garden City GMD: 03 - Southwest Structures File No.: Filing/Priority Date: 7/31/2024 Application Complete Date:
3. Package File No(s):		
5a. <input checked="" type="checkbox"/> Applicant <input checked="" type="checkbox"/> Owner <input checked="" type="checkbox"/> WUC <input type="checkbox"/> Address Change DANNY J & SONDR A KOEHN 10714 CC RD MONTEZUMA, KS 67867	Person ID 24666 Add Seq#	5b. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID Add Seq#
5c. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change	Person ID Add Seq#	5d. <input type="checkbox"/> Owner <input type="checkbox"/> WUC <input type="checkbox"/> Address Change Person ID Add Seq#
6. Change No.: C1 <input checked="" type="checkbox"/> PD <input type="checkbox"/> PU <input type="checkbox"/> UMW Base Acres: Year: Min Reasonable Q: Previous UMW: Not changing MDS Gauge: Active Admin? <input type="checkbox"/> Completion/Start Date: 3/1/2025 Perfection/Expiration Date:		7. Use of Water <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water UMW: IRR-Irrigation UMW: UMW:
8. Action Trail		
9. Special Conditions		
10. 5YR Allocation Type: Start Year: 5YR Quantity: Base Acres: Comment:		
11. Sand & Gravel Proj ID: <input type="checkbox"/> Active <input type="checkbox"/> Dredge <input type="checkbox"/> IND Evap <input type="checkbox"/> Jr Evap <input type="checkbox"/> Other Diversion <input type="checkbox"/> Rpt on Sr		
12. Waiver Rule ID: <input type="checkbox"/> New Date Requested: Applies: Rule No.: Justification: Rule Type: Rule SubType:		
Comments		Processed 8/19/2024 AM Reviewed
		Entered

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 19, 2024

DANNY J & SONDRA KOEHN
10714 CC RD
MONTEZUMA, KS 67867

RE: Filed Office Application for Change
Water Right, File Nos. 14935

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, appearing to read "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc: GMD 3

CERTIFICATE OF SERVICE

On this 19th day of August, 2024, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 14,935 dated 19th day of August, 2024 was mailed postage prepaid, first class, US mail to the following:

DANNY J & SONDR A KOEHN
10714 CC RD
MONTEZUMA, KS 67867

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. 14935

RECEIVED
 2:45 pm
 JUL 31 2024

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

Place of Use Point of Diversion

Garden City Field Office
 Division of Water Resources

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

2. Name and address of Applicant: DANNY J & SONDR A KOEHN
10714 CC RD, MONTEZUMA, KS 67867

Phone Number: () Email address: _____

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.)

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 CGT Fee \$ 200.00 TR # _____ Receipt Date 7-31-24 Check # 1128

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the SE Quarter of the NW Quarter of Section 16, Township 28 South, Range 30 W, in GY County, Kansas, 2668 feet North 3655 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 SW Quarter of the NW Quarter of Section 16, Township 28 South, Range 30 W, in GY County, Kansas, 2723 feet North 4584 feet West of Southeast corner of section. Proposed Rate No change Proposed Quantity No change Proposed well depth (feet) 540.
 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?

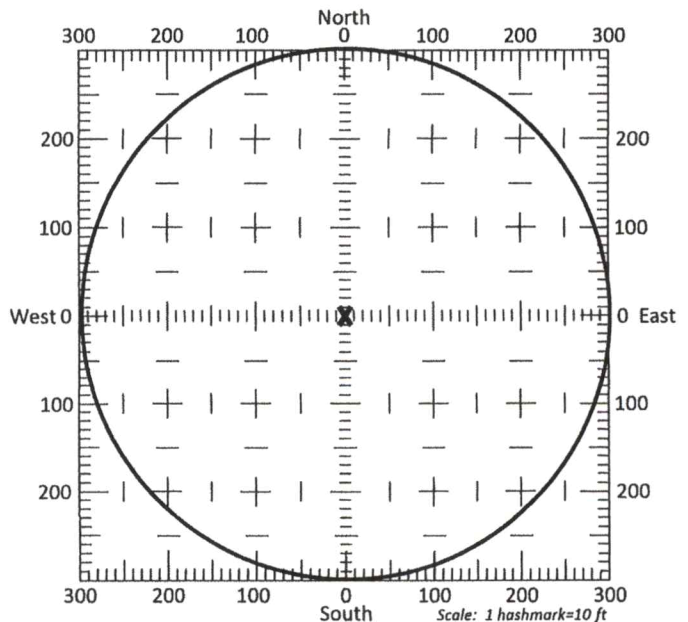
10. If the point of diversion is a well:
 (a) What are you going to do with the old well?

 (b) When will this be done? _____

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 a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (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 _____, Kansas, this _____ day of _____, 20_____.

Danny Koehn
(Owner)

Danny Koehn
(Please Print)

(Owner)

(Please Print)

(Owner)

(Please Print)

Londra Koehn
(Spouse)

Sandra Koehn
(Please Print)

(Spouse)

(Please Print)

(Spouse)

(Please Print)

State of Kansas }
County of Gray } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 29th day of July, 2024.



Carol Winsor
Notary Public

My Commission Expires 5-3-27

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.

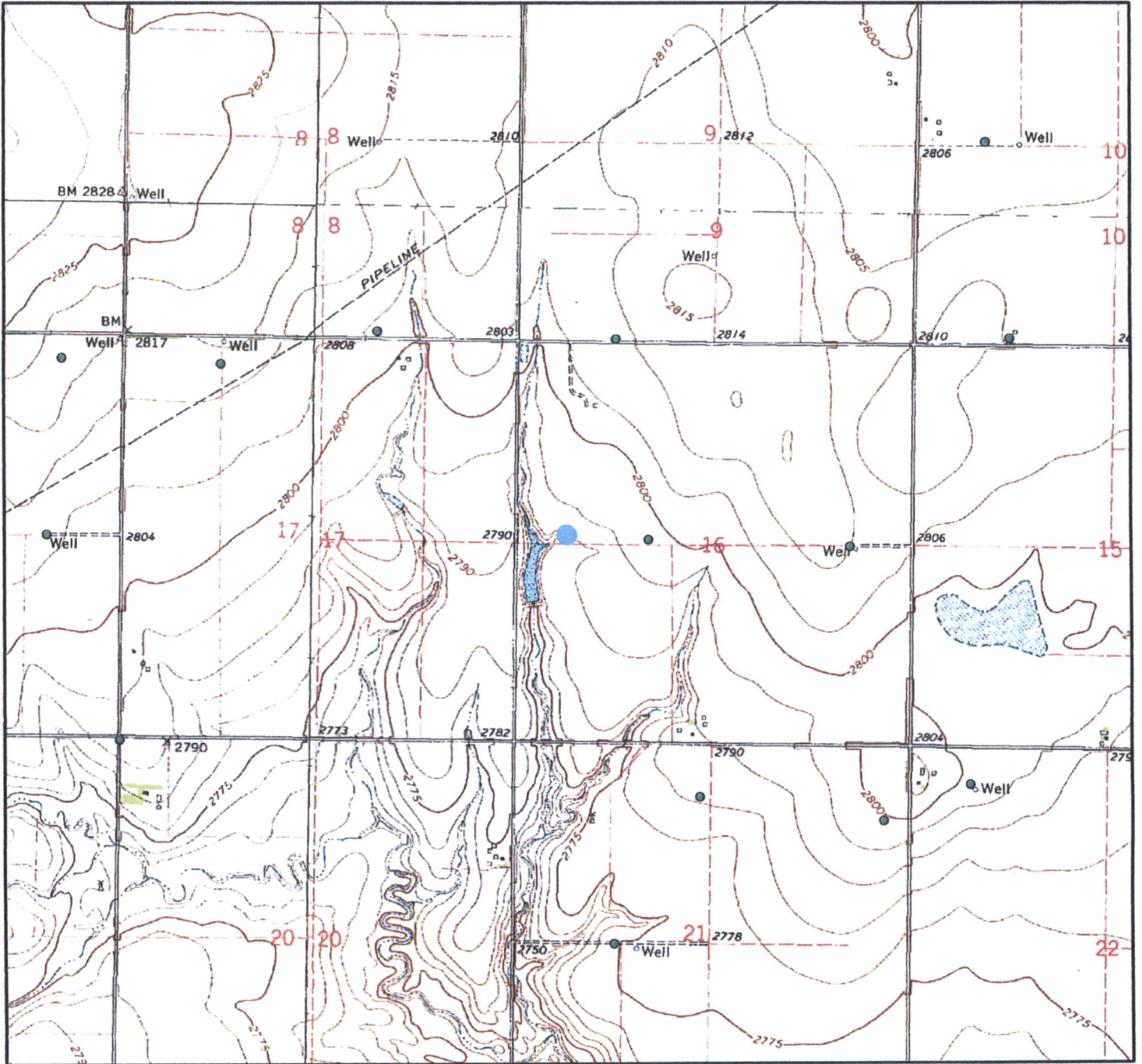
FEE SCHEDULE

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

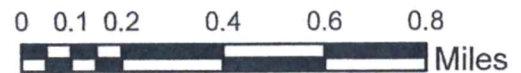
CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 14935

NW 1/4 of Section 16, Township 28 South, Range 30 West, GY County



● Authorized Point of Diversion

● Proposed Point of Diversion



All wells of any kind within 1/2 mile of the requested place of use have been plotted.

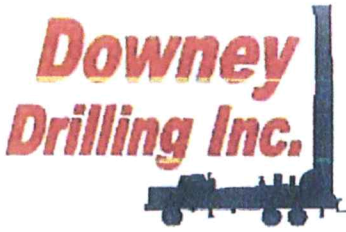
(Signature)

Date

mdf/GCFO
07/15/2024

WELL LOG

DATE: 7/11/2024



CUSTOMER NAME: DANNY KOEHN

TH#1-24

LEGAL: NW 16-28S-30W

COUNTY: GRAY CO, KS

GPS: 37.61323

-100.613637

DRILLER: DIEGO

WO: 23-1033

V	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	3	TOP SOIL	SOFT	BROWN	FAST		SMOOTH
	3	7	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	7	19	SANDY CLAY W/ CALICHE	SOFT	WHITE	FAST		CHOPPY
	19	35	FINE SAND	SOFT		FAST		VIBRATION
	35	67	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	67	83	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	83	85	CEMENTED SAND	HARD		SLOW		CHATTER
	85	90	SANDY CLAY W/ FINE SAND	SOFT	BROWN	FAST		SMOOTH & VIBRATION
	90	91	CEMENTED SAND	HARD		SLOW		CHATTER
	91	97	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	97	98	CEMENTED SAND	HARD		SLOW		CHATTER
	98	103	FINE-MED SAND	SOFT		FAST		CHOPPY
	103	110	SANDY CLAY W/ LIME ROCK	FIRM		FAST		SMOOTH & CHOPPY
	110	129	BROWN & WHITE CLAY W/ LIME ROCK TRACE	SOFT		FAST		SMOOTH
	129	168	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	168	172	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	172	177	LIME ROCK W/ BROWN CLAY	STIFF	WHITE & BROWN	FAST		SLIGHT CHATTER
	177	189	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	189	193	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	193	203	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	203	223	FINE-MED-COARSE SAND W/ FINE GRAVEL & CEMENTED SAND LEDGES	STIFF		FAST		CHATTER
	223	269	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	269	289	BROWN CLAY W/ SANDY CLAY	SOFT	BROWN & TAN	FAST		SMOOTH
	289	296	LIME ROCK	STIFF	WHITE	SLOW		CHATTER
	296	342	SANDY CLAY W/ FINE SAND LEDGES	SOFT	BROWN	FAST		SMOOTH & VIBRATION
	342	410	FINE-MED SAND	SOFT		FAST		CHOPPY
	410	420	BROWN ROCK	STIFF	BROWN	FAST		CHATTER
	420	442	GRAY CLAY	SOFT		FAST		SMOOTH
	442	450	FINE-MED SAND W/ BROWN ROCK TRACE	SOFT	BROWN	FAST		CHOPPY
	450	464	GRAY CLAY	SOFT	GRAY	FAST		SMOOTH
	464	493	FINE-MED SAND W/ BROWN ROCK	FIRM	BROWN	FAST		FAST CHATTER
	493	504	LIGHT GREENISH GRAY CLAY	SOFT		SEMI SLOW		SMOOTH
	504	511	BROWN ROCK W/ FINE SAND	FIRM	BROWN	FAST		FAST CHATTER
	511	540	SHALE	SOFT	BLUE	SLOW		SMOOTH
			QG-4 WATER LOADS-1 1/2 SA-1/2 HOLE PLUG- 2 CS-1					

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JUL 15 2024

Garden City Field Office
Division of Water Resources



Century GEOPHYSICAL CORP.

DANNY KOEHN

COMPANY : DOWNEY DRILLING INC
 WELL : DANNY KOEHN
 LOCATION/FIELD : TH#1-24
 COUNTY : GRAY
 LOCATION : NWISAS
 SECTION : 16

OTHER SERVICES:



TOWNSHIP : 28S RANGE : 30W

DATE : 07/11/24
 DEPTH DRILLER : 540
 LOG BOTTOM : 542.20
 LOG TOP : 1.00

PERMANENT DATUM : GL
 LOG MEASURED FROM: GL
 DRL MEASURED FROM: GL
 KB :
 DF :
 GL : 2820

CASING DIAMETER : 10.
 CASING TYPE : SURFACE
 CASING THICKNESS:

LOGGING UNIT : 2310
 FIELD OFFICE : O'DRISCOL
 RECORDED BY : DIEGO

BIT SIZE : 6.25
 MAGNETIC DECL. : 0
 MATRIX DENSITY : 2.71
 NEUTRON MATRIX : LIMESTON

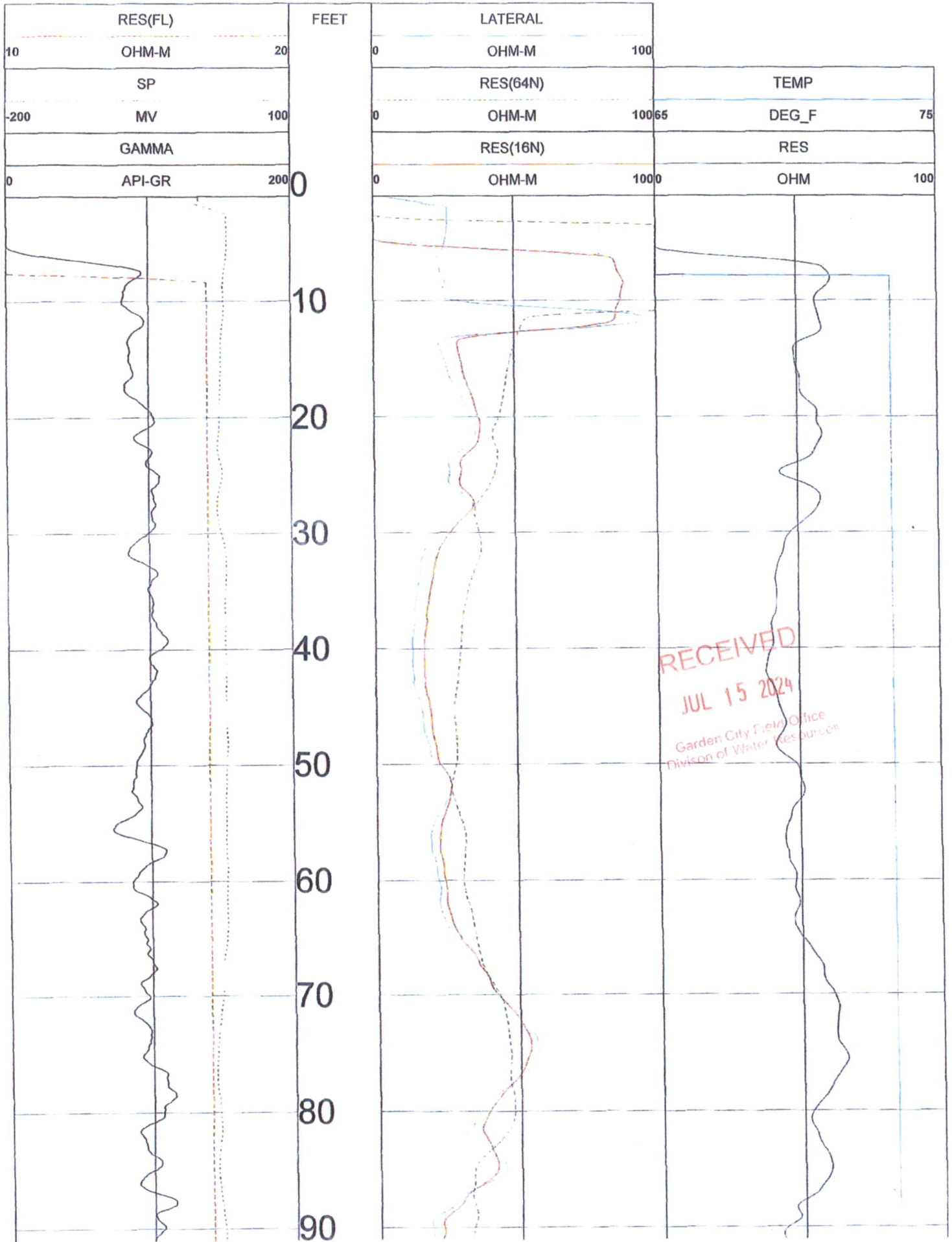
BOREHOLE FLUID : MUD
 RM : .179
 RM TEMPERATURE : 68.5
 MATRIX DELTA T : 49
 FILE : ORIGINAL
 TYPE : 8144A
 LGDATE: 07/11/24
 LGTIME : 15:35:
 THRESH: 99999

GPS 37.613230, -100.61363

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

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07 15 2024



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 JUL 15 2024
 Garden City Field Office
 Division of Water Resources

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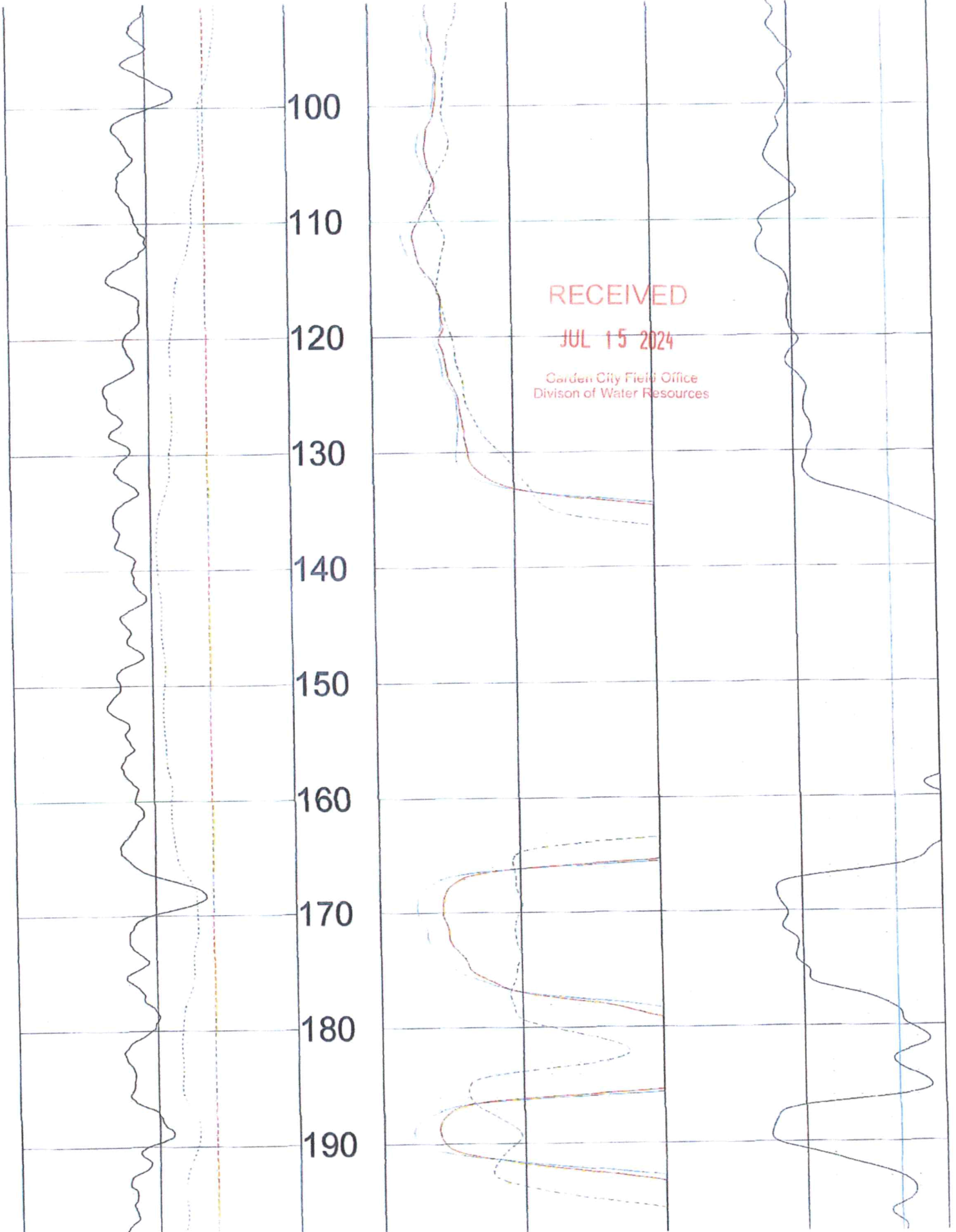
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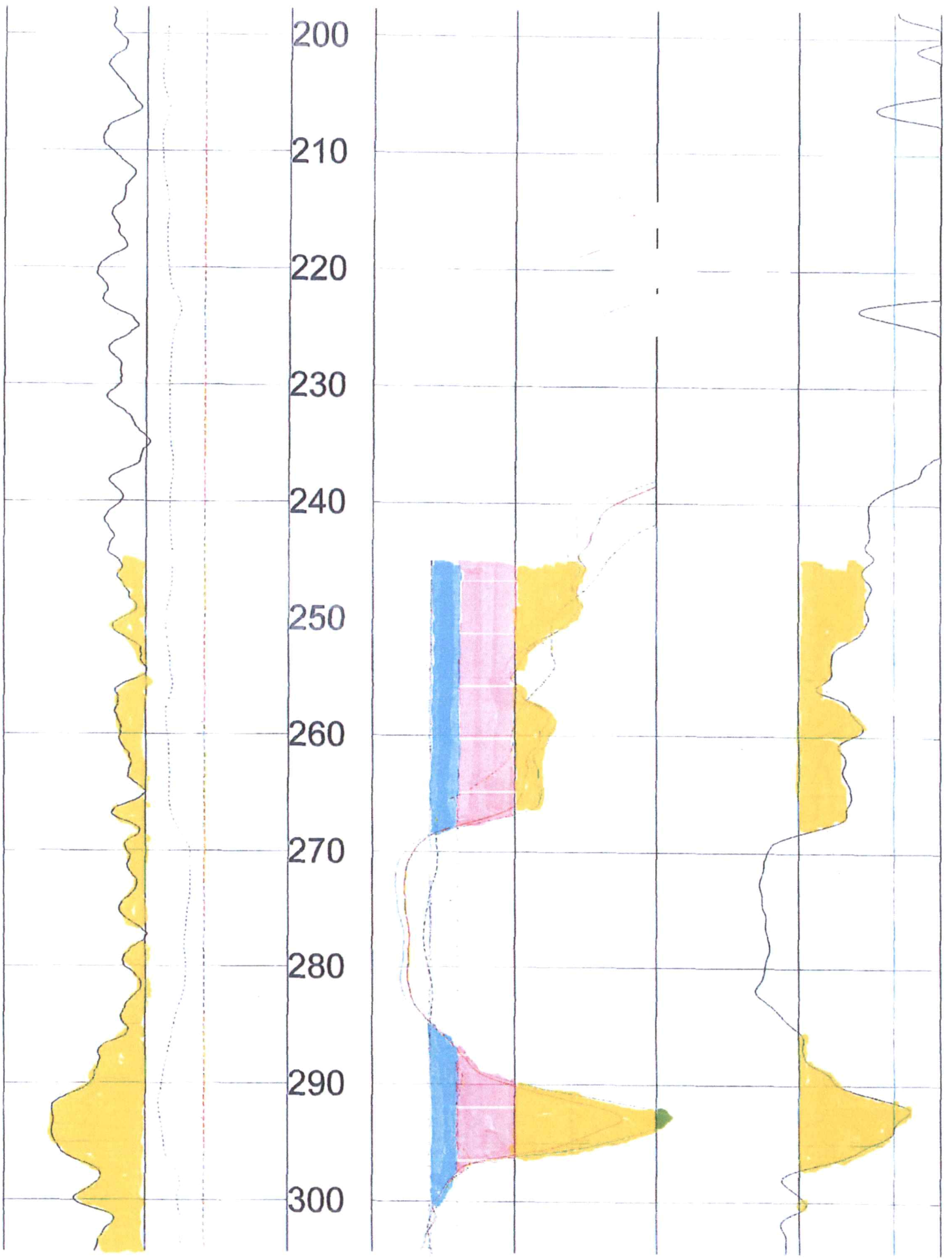
190

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Division of Water Resources





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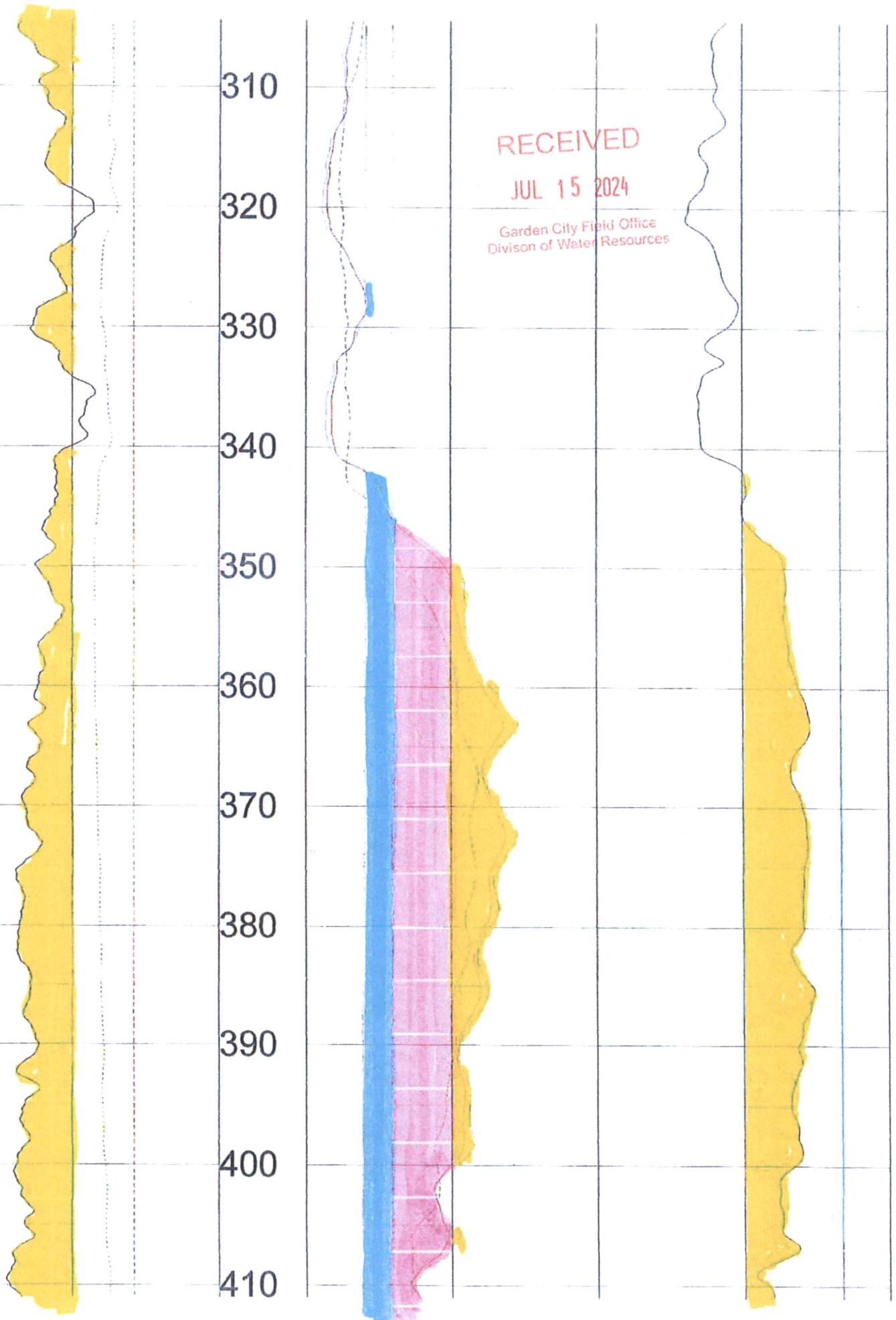
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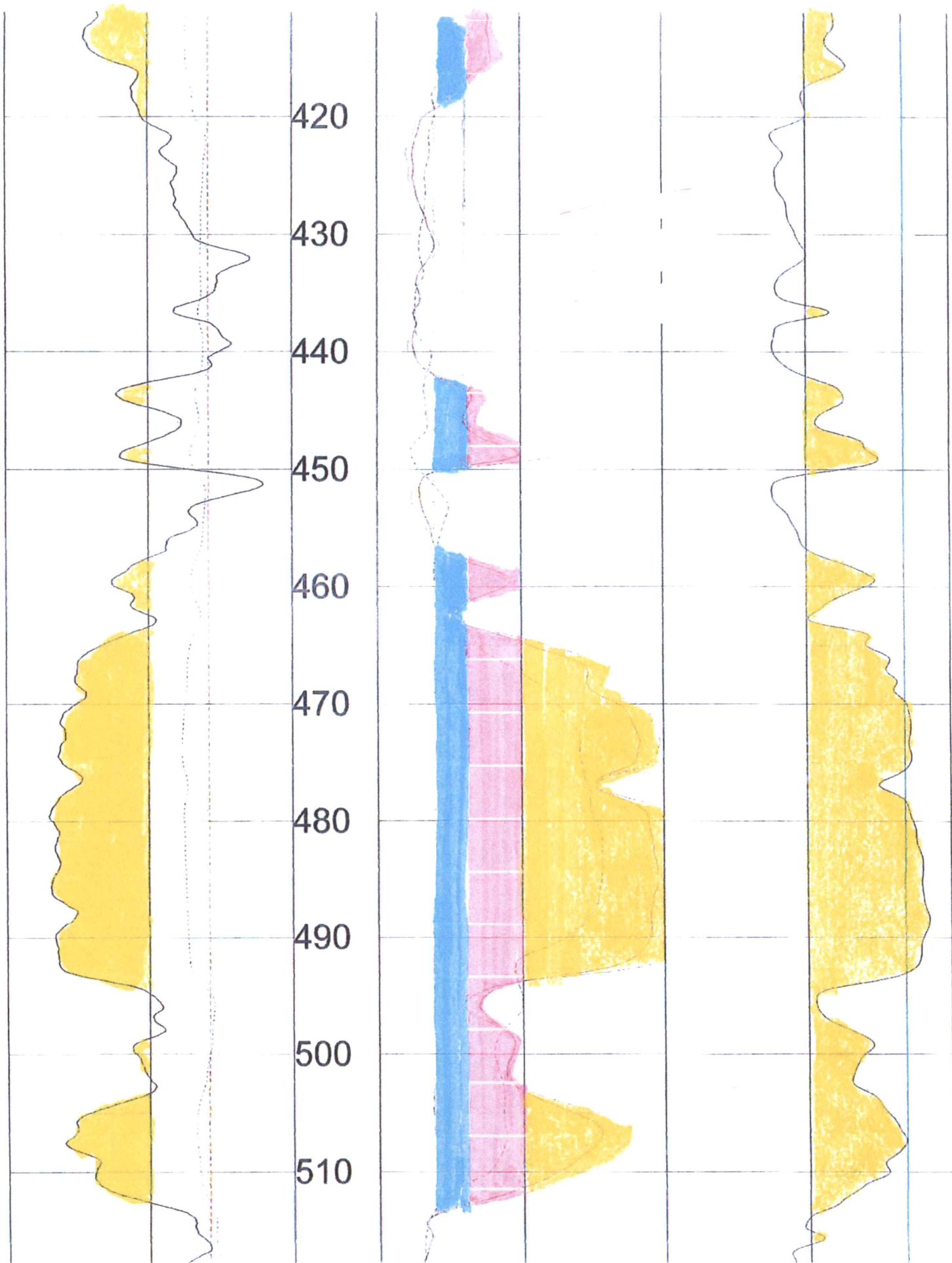
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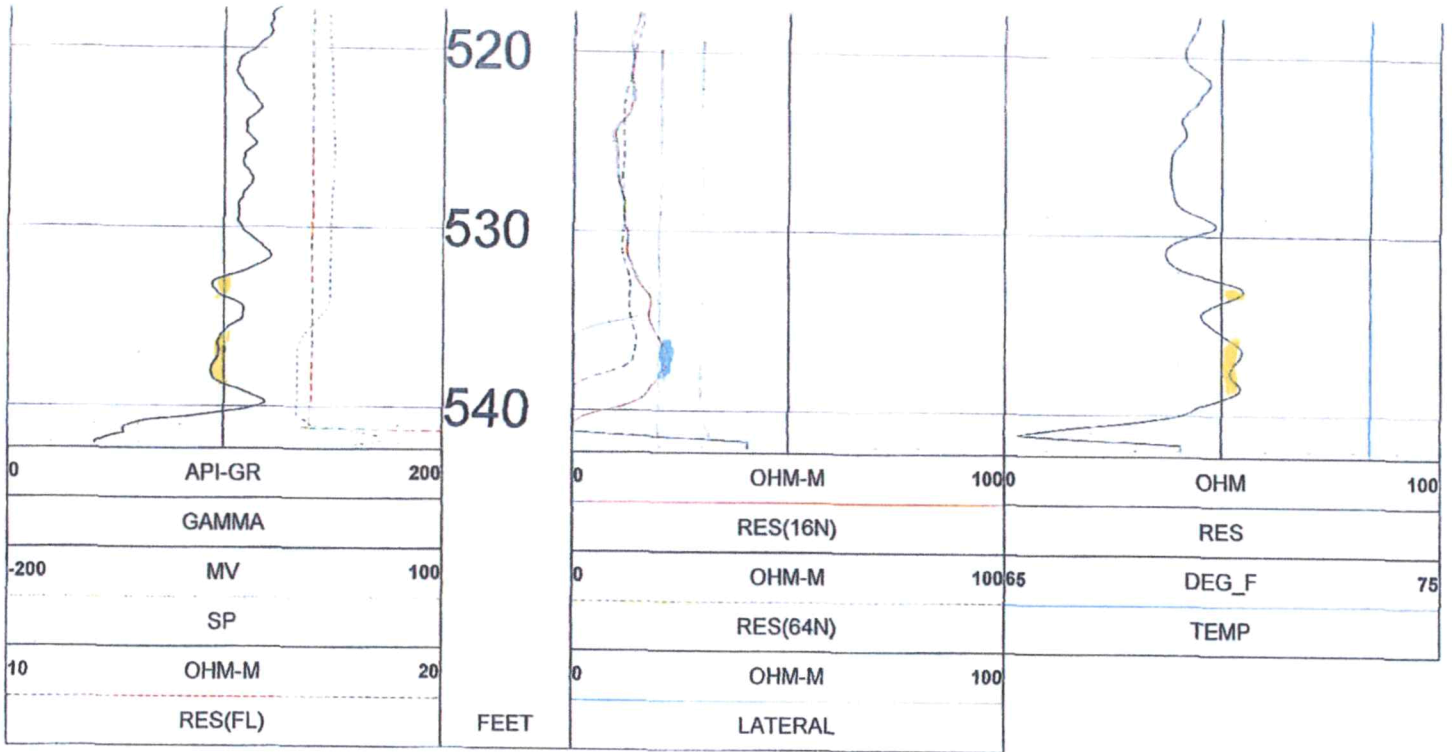
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JUL 15 2024

Garden City Field Office
Division of Water Resources







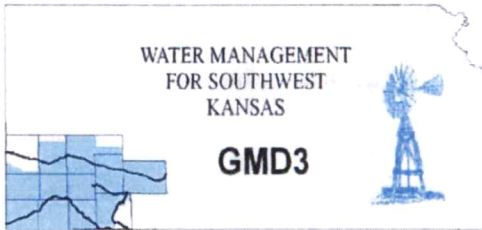
RECEIVED

JUL 15 2024

Garden City Field Office
 Division of Water Resources

TOOL CALIBRATION DANNY KOEHN 07/11/24 15:35
 TOOL 8144A TM VERSION 3002
 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]	327788.000	[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]



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

August 16, 2024

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

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AUG 19 2024

Garden City Field Office
Division of Water Resources

RE: Application for Change in Point of Diversion
Water Right, File No. 14935

Dear Austin:

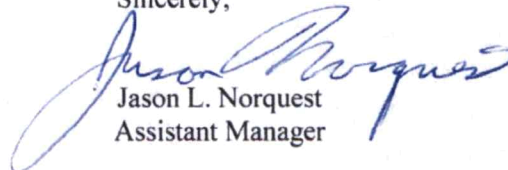
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

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 further evaluations were needed. No critical wells were determined in the area. 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): 14935. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Danny & Sondra Koehn.

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) 04 being changed.

	ft. North	ft. West	
Authorized PD	2668	3655	Sect 16-28-30
Proposed PD	2723	4584	
Difference	-55	-929 w	
a2 + b2 = c2	3025	863041	930.6267 foot move west

GPS for proposed PD: Lat: 37.61323 Long: -100.613637.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: 8/5.

Name Robert M Binkley (3877).

Address PO Box 277.

Zip Copeland, KS 67837.

Email: srbalb@yahoo.com Phone: .

Name Michael & Janae Esau (6727, 15227, 17989).

Address 4706 CC Road.

Zip Copeland, KS 67837.

Email: michaelesau@gmail.com Phone: .

Name Presley & Charity Koehn (15058).

Address 27204 10 RD.

Zip Montezuma, KS 67867.

Email: Presleykoehn@outlook.com Phone: .

Domestic well(s) notified: 8/5.

Name James & Judy Loepky (NE of 17).

Address 2605 AA RD.

Zip Copeland, KS 67837.

Name Chad Smeath Farm Trust (SE SW of 16).

Address 3404 BB RD.

Zip Copeland, KS 67837.

GMD3 Change Review

Name Donney Neufeld (NE of 20).
Address 28203 3 RD.
Zip Copeland, KS 67837.

Base Acres: __.
Perfected Acres: __.
Irr. Return-Flow __%

Gray County

Authorized 640AF @ 1550gpm
2021 GMD3 inspection calculated flow 389gpm
Avg reported use (2014-2023): 233.3AF/year
Current well drilled in 2002 to depth of 452'
Proposed depth 540'

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 available information, it appears current area rules are met. Staff recommends approval of the application.



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

2723 Feet N and 4584 Feet W of the Southeast Corner of Section 16 Twp 28S Rng 30W

Located at: 100.613639 West Longitude and 37.613230 North Latitude

Both SURFACE WATER and GROUNDWATER

2300' on All

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan					
A__ AF	3877	00	IRR	NK	G				5154	--	NW	NE	NW	4962	3959	17.	28	30W	2		640.00	640.00
A__ AF	6727	00	IRR	NK	G				2726	--	SW	SE	SW	65	3846	9	28	30W	3		536.00	536.00
A__ AF	14935	00	IRR	NK	G*				940	--	SW	SE	NW	2668	3655	16	28	30W	4		640.00	640.00
A__ AF	15058	00	IRR	NK	G				3778	--	NW	NE	SE	2623	793	16	28	30W	6		578.00	578.00
A__ AF	15227	00	IRR	NK	G				3618	--	SE	SW	SE	85	1815	8	28	30W	3		500.00	500.00
A__ AF	17989	00	IRR	NK	G				3898	--	NE	NE	NW	4557	2792	21	28	30W	6		200.00	200.00

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) =	3094.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3094.00	.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:

2723 Feet North and 4584 Feet West of the Southeast Corner of Section 16 Twp 28S Rng 30W

Located at: 100.613639 West Longitude and 37.613230 North Latitude

Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

- > File Number Use ST SR
- > ROBERT M BINKLEY
- > PO BOX 277
- > COPELAND KS 67837
- > MICHAEL S & JANA E ESAU
- > 4706 CC RD
- > COPELAND KS 67837
- > DANNY J & SONDR A KOEHN
- > 10714 CC RD
- > MONTEZUMA KS 67867
- > PRESLEY C & CHARITY KOEHN
- > 27204 10 RD
- > MONTEZUMA KS 67867
- > MICHAEL S & JANA E ESAU

3877

6727

14935 Application

15058

15227

>
> 4706 CC RD
> COPELAND KS 67837

>-----
> MICHAEL S & JANA E SAU

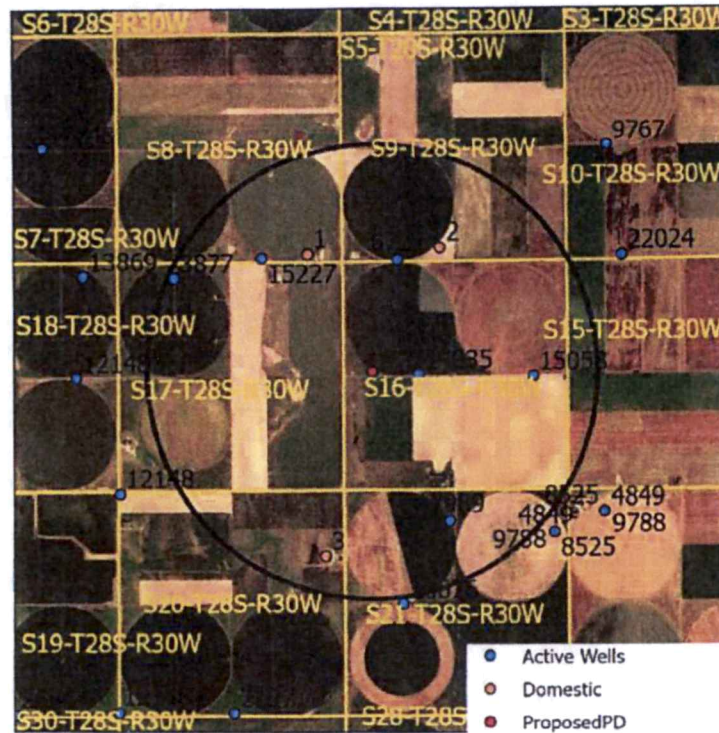
> 4706 CC RD
> COPELAND KS 67837
>-----

17989

=====

Evaluation of proposed move for Water Right No. 14935

Proposed: Move water right no. 14935 to a new well location, a distance of 1,084 ft to the east.



Wells within 1 mile: 3877, 15227, 6727, 15058, and 17989 along with three domestic wells.

The saturated thickness at the proposed well location is estimated to be 198.57 ft, based upon the GMD3 model. For saturated thickness between 150ft and 200ft, the drawdown allowance is 3.5 ft.

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

$S = 0.061$, $T = 21,297 \text{ ft}^2/\text{day}$, $t_{p\text{current}} = 136 \text{ days}$ (based on average use and observed rate),

$Q_{\text{current}} = 389 \text{ gpm}$ (based on 2021 field inspection), $t_{p\text{proposed}} = 93 \text{ days}$, $Q_{\text{proposed}} = 1550 \text{ gpm}$

Theis drawdowns were calculated as follows:

3877: Drawdown from current location = 0.86 ft
Drawdown from proposed location = 2.55 ft
Net drawdown = **1.7 ft**

15227: Drawdown from current location = 1.03 ft
Drawdown from proposed location = 3.20 ft
Net drawdown = **2.17 ft**

6727: Drawdown from current location = 1.21 ft
Drawdown from proposed location = 3.88 ft
Net drawdown = 2.7 ft

15058: Drawdown from current location = 1.02 ft
Drawdown from proposed location = 3.15 ft
Net drawdown = 2.1 ft

17989: Drawdown from current location = 1.00 ft
Drawdown from proposed location = 3.09 ft
Net drawdown = 2.1 ft

Domestic 1: Drawdown from current location = 1.12 ft
Drawdown from proposed location = 3.55 ft
Net drawdown = 2.4 ft

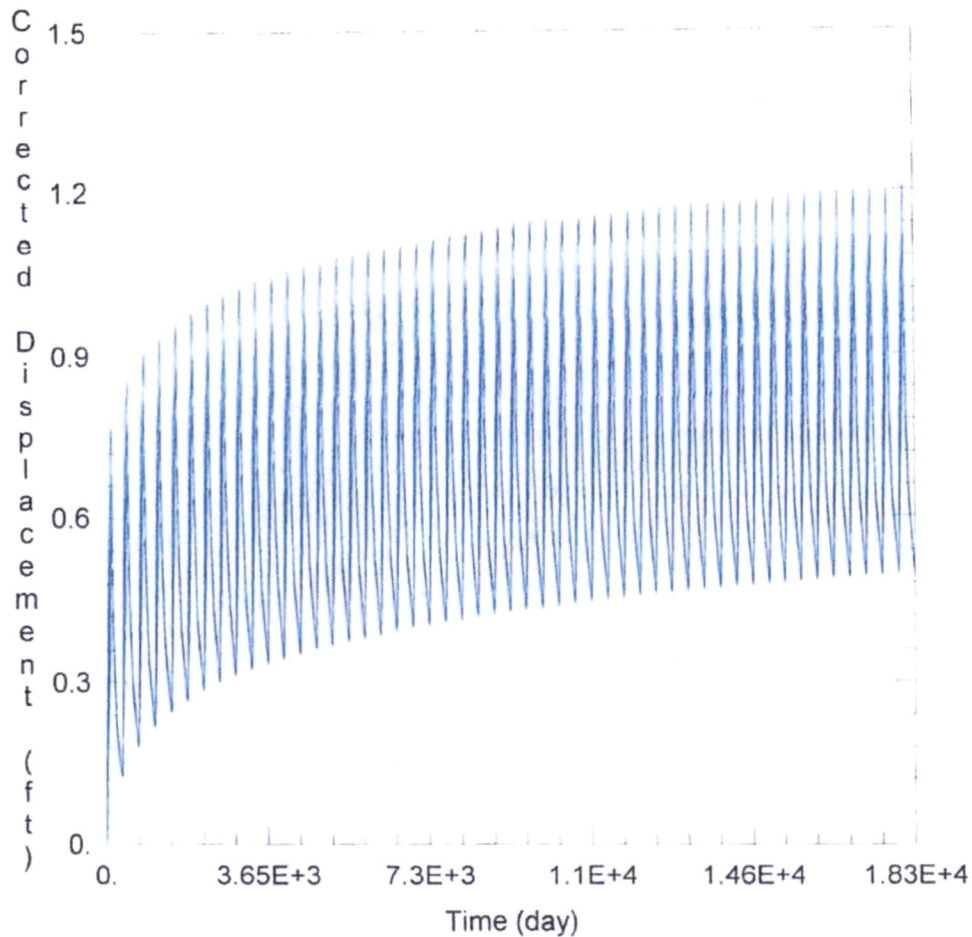
Domestic 2: Drawdown from current location = 1.09 ft
Drawdown from proposed location = 3.43 ft
Net drawdown = 2.3 ft

Domestic 3: Drawdown from current location = 0.94 ft
Drawdown from proposed location = 3.43 ft
Net drawdown = 1.9 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\scanstation\Documents\move requests\14935\14935 current.aqt
 Date: 08/02/24 Time: 15:46:04

PROJECT INFORMATION

Test Well: 14935

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
19935	53822	268850		53822	268850
			3877	49165	271015
			15227	51250	271477
			6727	54436	271433
			15058	57599	268755
			17989	55644	265416
			Domestic 1	52310	271568
			Domestic 2	55421	271723
			Domestic 3	52716	264590

SOLUTION

Aquifer Model: Unconfined

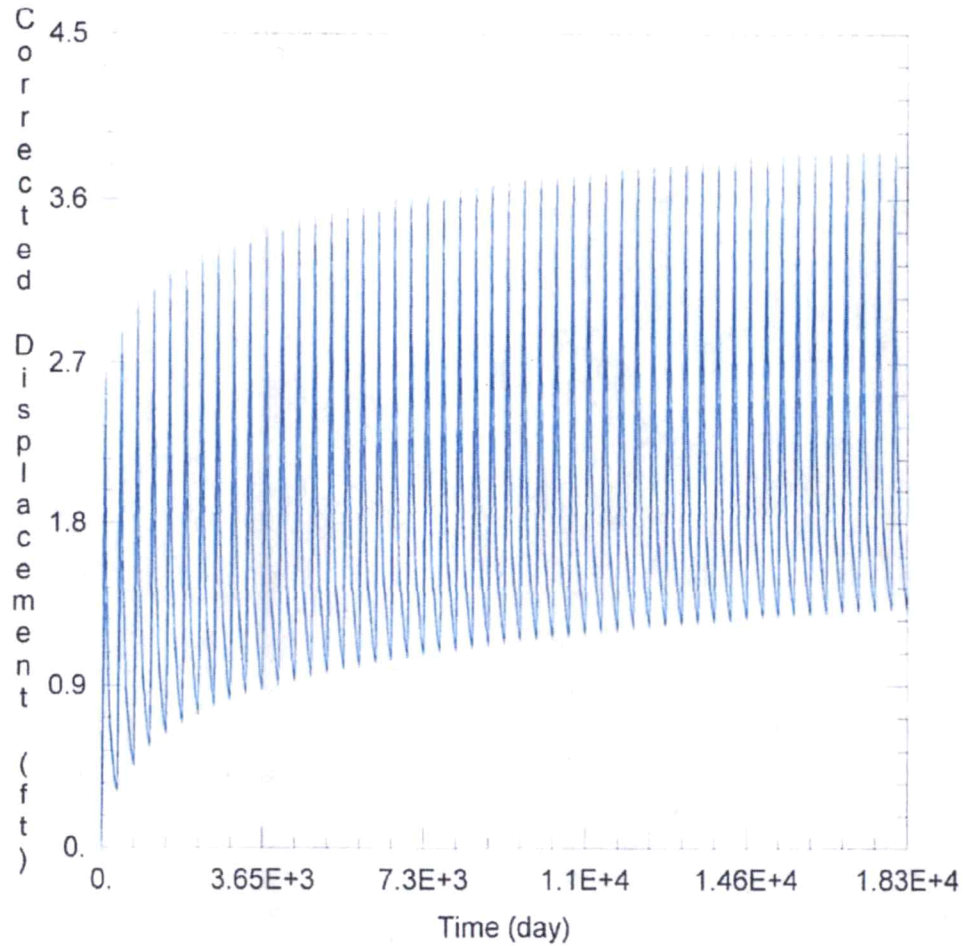
Solution Method: Theis

T = 2.13E+4 ft²/day

S = 0.061

Kz/Kr = 1.

b = 198.6 ft



WELL TEST ANALYSIS

Data Set: C:\Users\scanstation\Documents\move requests\14935\14935 proposed.aqt
 Date: 08/02/24 Time: 15:46:17

PROJECT INFORMATION

Test Well: 14935

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
14935	53822	268850

Observation Wells

Well Name	X (ft)	Y (ft)
3877	49165	271015
15227	51250	271477
6727	54436	271433
15058	57599	268755
17989	55644	265416
Domestic1	52310	271568
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SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 2.13E+4 ft²/day

S = 0.061

Kz/Kr = 1.

b = 198.6 ft

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 1, 2024

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

Re: Request for Recommendation,
File No. 14935

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Danny & Sondra Koehn 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: