

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

1. File Number: <b>1087</b>	2. Status Change Date:	3. Change Num: <b>C1</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
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: <b>6/5/2023</b>
8a. Applicant(s) New to system <input type="checkbox"/>  <b>DAVID KRAUSE PO BOX 252 PLAINS, KS 67869-0252</b>		Person ID <u><b>52313</b></u> Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/>  Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/>  <b>8a</b>		Person ID _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/>  <b>8a</b>	
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <u><b>12/31/2023</b></u> <input checked="" type="checkbox"/> N & P Date to Comply: <u><b>3/1/2024</b></u> <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: <b>6/19/2023</b> By: <b>AM</b> Date Entered:                                  By:	

File No. **1087**      11. County: **ME**      Basin: **CROOKED CREEK**      Stream:      Formation Code: **211/331**      Special Use:

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

<b>DEL</b>	<b>26639</b>													
<b>ENT</b>	<b>SW NW NW</b>	<b>32</b>	<b>30S</b>	<b>28W</b>		<b>4350</b>	<b>5245</b>			<b>1220</b>	<b>640</b>	<b>1220</b>	<b>640</b>	<b>NONE</b>

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				
<b>CHK</b>	<b>30838</b>																								

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](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

June 19, 2023

DAVID KRAUSE  
PO BOX 252  
PLAINS, KS 67869-0252

RE: Filed Office Application for Change  
Water Right, File No. 1087

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:

**CERTIFICATE OF SERVICE**

On this 19<sup>th</sup> day of June, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 1,087 dated 19<sup>th</sup> day of June, 2023 was mailed postage prepaid, first class, US mail to the following:

DAVID KRAUSE  
PO BOX 252  
PLAINS, KS 67869-0252

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. 1087

**RECEIVED**  
 8:00 AM  
 JUN 05 2023

Garden City Field Office  
 Division of Water Resources

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

2. Name and address of Applicant: DAVID KRAUSE

PO BOX 252, PLAINS, KS 67869-0252

Phone Number: (620) 621-1996                      Email address: dkkrause@sbcglobal.net

Name and address of Water Use Correspondent: SAME AS ABOVE

SAME AS ABOVE

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** \_\_\_\_\_ **Fee \$** 200.00 **TR #** \_\_\_\_\_ **Receipt Date** 6-5-23 **Check #** 14128

5. **Presently authorized point of diversion:**  
 One in the NW Quarter of the NW Quarter of the NW Quarter of Section 32, Township 30 South, Range 28 W, in MEADE County, Kansas, 4965 feet North 4938 feet West of Southeast corner of section. Authorized Rate 1220 GPM Authorized Quantity 640 AF Depth of well \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. 1 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 NW Quarter of the NW Quarter of Section 32, Township 30 South, Range 28 W, in MEADE County, Kansas, 4350 feet North 5245 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 \_\_\_\_\_

6. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ 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 \_\_\_\_\_ 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

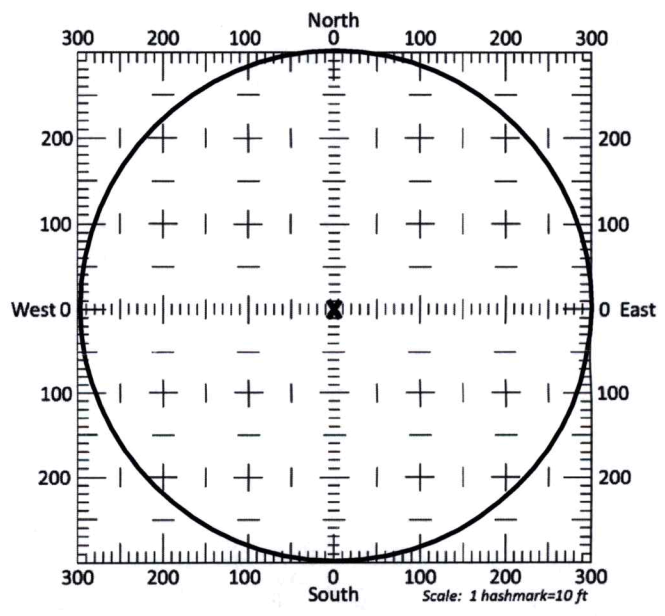
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_

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 JG/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 Meade County, Kansas, this 31 day of May, 2023.

David Klaase  
 \_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

David Klaase  
 \_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

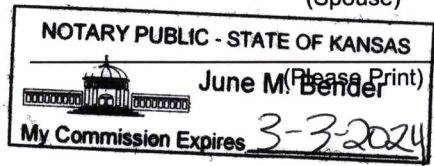
\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Please Print)

\_\_\_\_\_  
 (Owner)

\_\_\_\_\_  
 (Spouse)

\_\_\_\_\_  
 (Please Print)



State of Kansas }  
 County of Meade } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 31<sup>st</sup> day of May, 2023.

June M. Bender  
 \_\_\_\_\_  
 Notary Public

My Commission Expires 3-3-2024.

**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

**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. 1087.

1. A change application was received on June 5, 2023 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.
2. 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
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion.  Applicable  Not Applicable
4. 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
5. The point(s) of diversion authorized herein shall not actually be located more than 2640 feet from the previously authorized point(s) of diversion.  Applicable  Not Applicable
6. 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
7. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2023**, 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
8. **Installation of the works for diversion of water shall be completed on or before December 31, 2023**, or within any authorized extension of time. By March 1, 2024 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
9. **The completed well log shall be submitted with the required notice.**  Applicable  Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c.  Applicable  Not Applicable
11. Additional Conditions are attached.  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**

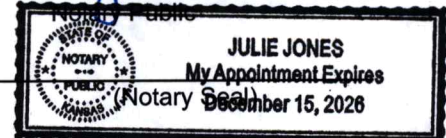
If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for 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. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502**. Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

*For Use by Register of Deeds*

FOR OFFICE USE ONLY  
**APPLICATION APPROVED AND SUMMARY ORDER ISSUED**

By: Austin McCulloch  
Duly Authorized Designee of the Chief Engineer  
(Print Name): Austin McCulloch  
Division of Water Resources - Kansas Department of Agriculture  
Date of Issuance: June 19, 2023  
State of Kansas )  
County of Osage ) SS  
Acknowledged before me on June 19, 2023  
by Austin McCulloch  
Signature: Julie Jones

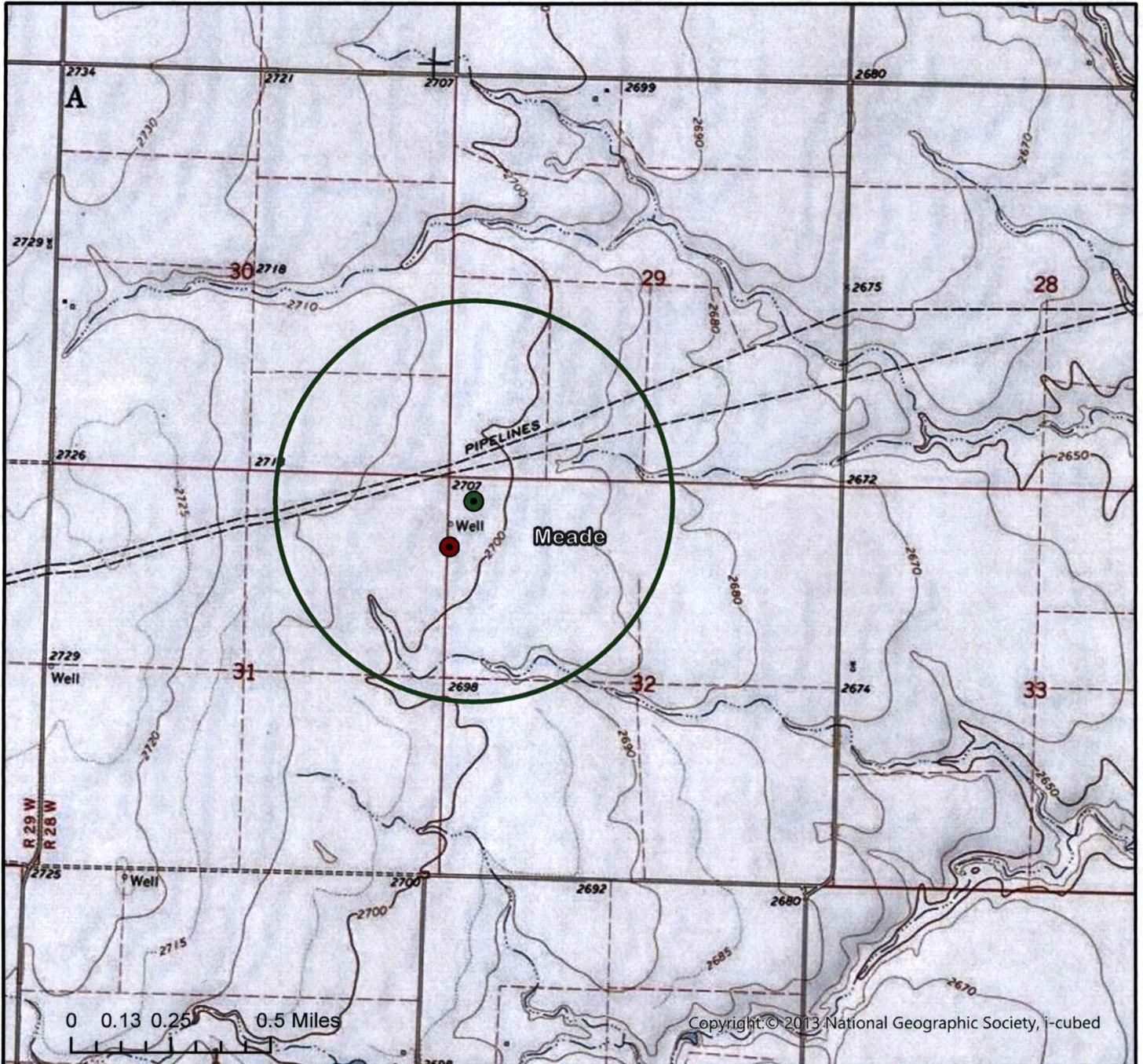
My commission expires: \_\_\_\_\_





# CHANGE IN PLACE OF DIVERSION WATER RIGHT, FILE NO. 1087

NW 1/4 of Section 32 Township 16 South Range 40 West MEADE County



- Authorized Point of Diversion
- Proposed Point of Diversion
- Domestic Well within 1/2 mile
- 1/2 mile buffer

List of owner name and addresses within 1/2 mile:



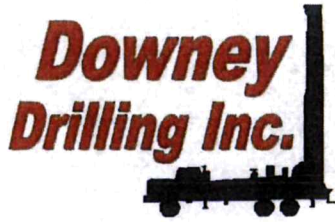
All wells of any kind within 1/2 mile of the requested place of use have been plotted.

(Signature) \_\_\_\_\_ Date \_\_\_\_\_

Date JG/GCFO  
1:24,000 Scale

# WELL LOG

DATE: 5/10/2023



CUSTOMER NAME: DAVID KRAUSE

TH#1

LEGAL: NW 32-30S-28W

COUNTY: MEADE CO, KS

GPS: 37.399132

-100.415757

DRILLER: ROCKY

WO: 23-155

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOP SOIL	SOFT	DARK BROWN	FAST		SMOOTH
	2	7	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	7	20	BROWN SILTY CLAY W/ CALICHE	SOFT	BROWN & WHITE	FAST		SMOOTH & CHOPPY
	20	25	CALICHE	STIFF	WHITE	FAST		CHOPPY
	25	35	SANDY CLAY W/ CALICHE	FIRM	WHITE	FAST		SMOOTH & CHOPPY
	35	56	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH
	56	65	FINE SAND	SOFT		FAST		VIBRATION
	65	75	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	FIRM		FAST		FAST CHATTER
	75	87	LIGHT GREEN CLAY	SOFT	LIGHT GREEN	FAST		SMOOTH
	87	114	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	114	160	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	160	285	FINE-MED-COARSE SAND	FIRM		FAST		CHOPPY
	285	316	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	316	318	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	318	332	? CLAY	SOFT	BLACK	FAST		SMOOTH
	332	345	FINE-MED-COARSE SAND	FIRM	BLUE & BLACK	FAST		FAST CHATTER
	345	367	BLACK & GRAY CLAY	SOFT	BLACK & GRAY	FAST		SMOOTH
	367	382	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	382	388	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	388	419	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	419	436	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	436	472	FINE-MED-COARSE SAND W/ FINE GRAVEL & LIME ROCK	STIFF	WHITE	FAST		FAST CHATTER
	472	479	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	479	512	LIME ROCK W/ FINE SAND	STIFF	WHITE	FAST		FAST CHATTER
	512	555	FINE SAND	SOFT		FAST		VIBRATION
	555	586	WEATHERED CLAY	SOFT	GRAY & YELLOW	SEMI SLOW		SMOOTH
	586	608	SHALE	SOFT	BLUE	SLOW		SMOOTH
	608	614	FINE SAND W/ SANDSTONE	STIFF	GRAY	FAST		FAST CHATTER
	614	616	GREEN CLAY	STIFF	GREEN	SLOW		CHOPPY
	616	640	RED BED	HARD	RED	SLOW		CHATTER
			QG - 5					
			WATER LOADS - 1 1/2					
			SA - 1/4					
			HOLE PLUG - 2 CS - 1					

F.G. SWL

260

25  
31

19

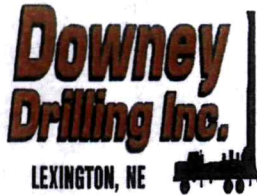
15

31

36

33

43



# Well Design & Construction

"PROPOSED"  
WR #1087

Customer Name: DAVID KRAUSE

Legal: NW 32-30S-28W

County: MEADE

G.P.S.: N 37.399132

Date: \_\_\_\_\_

W 100.415757

WO #: \_\_\_\_\_

DRILLER: \_\_\_\_\_

WATER SUPPLY: CUSTOMERS IRRIGATION WELL

HELPER(S): \_\_\_\_\_

DRILLING RIG: M-100

BOREHOLE DIAMETER: 30"

DRILLING METHOD: REVERSE CIRCULATION

CASING DIAMETER: 16" .250 WALL

QUIKGEL: TBD HOLE PLUG: 20'+

TOTAL WELL DEPTH: 562'

GRAVEL: 108+ TONS OF #1 COARSE

DRILLING FLUID: N/A

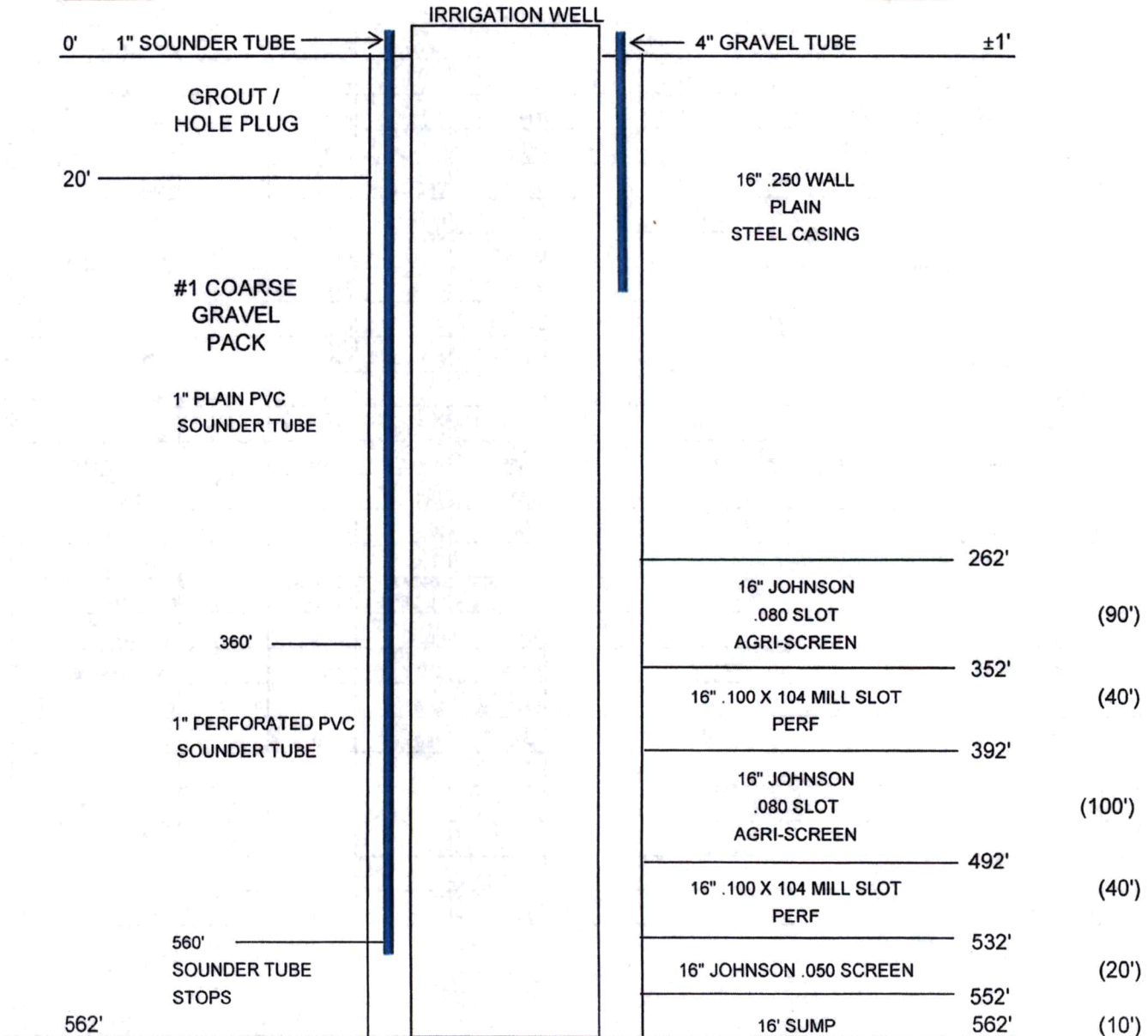
GRAVEL SUPPLIER: HUBER SAND

ADDITIONAL INFO: TEMPORARY SURFACE CASING #1 TEST HOLE SOUTH OF EXISTING WELL

GROUT

AND  
GRAVEL

SCREEN AND  
CASING



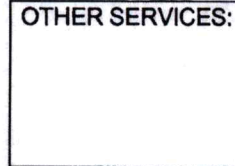


# Century GEOPHYSICAL CORP.

DAVID KRAUSE

COMPANY : DOWNEY DRILLING INC  
WELL : DAVID KRAUS  
LOCATION/FIELD : TH#1  
COUNTY : MEADE  
LOCATION : NW  
SECTION : 32

OTHER SERVICES:



TOWNSHIP : 30S RANGE : 28W

DATE : 05/10/23  
DEPTH DRILLER : 640  
LOG BOTTOM : 640.74  
LOG TOP : 1.20

PERMANENT DATUM : GL

KB :  
DF :  
GL :

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL

CASING DIAMETER : 10.  
CASING TYPE :  
CASING THICKNESS:

LOGGING UNIT : 1903  
FIELD OFFICE : DDI  
RECORDED BY : DIEGO

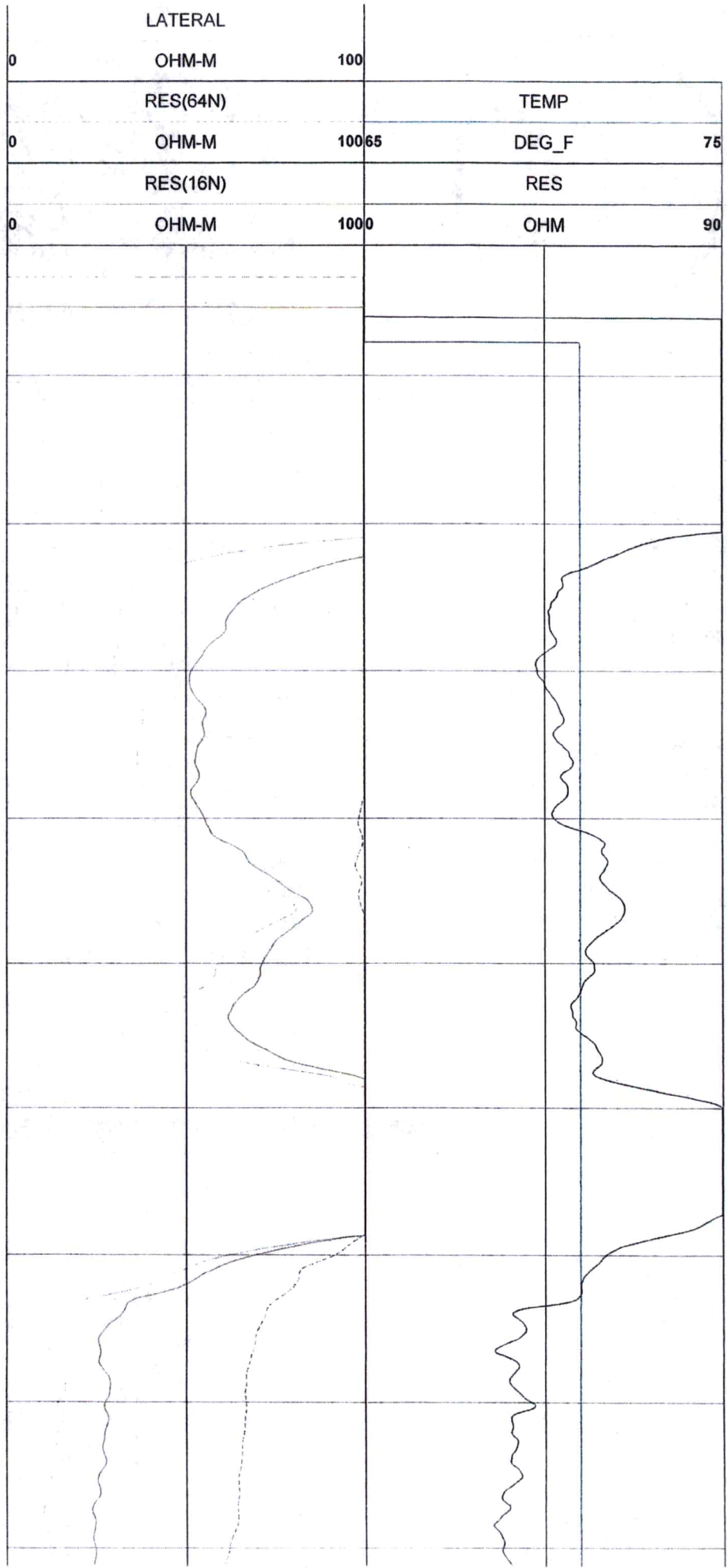
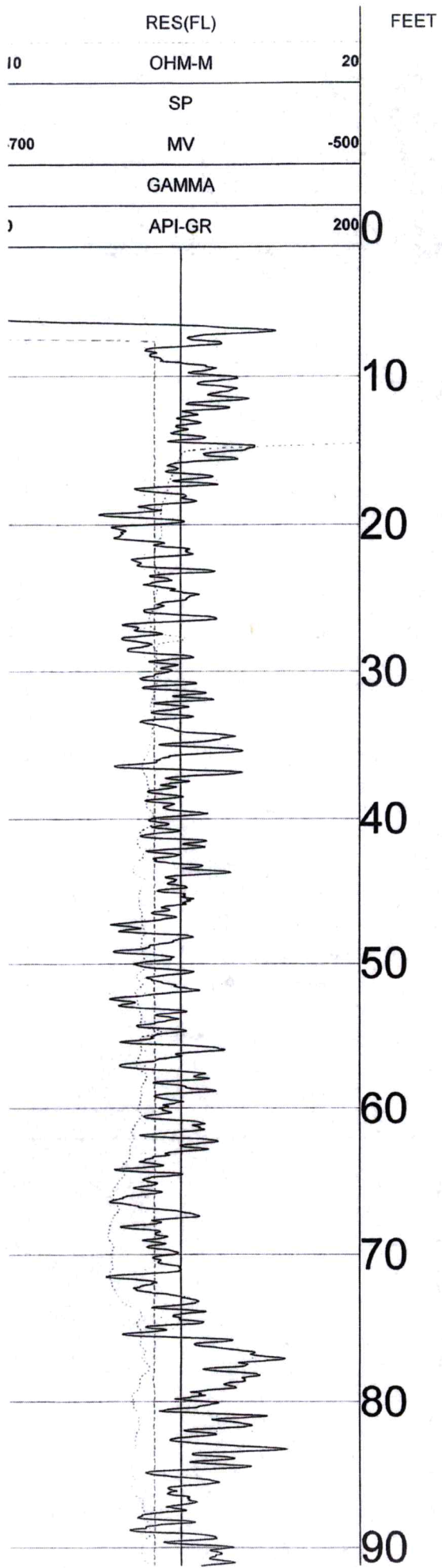
BIT SIZE : 6.25 "  
MAGNETIC DECL. : 0  
MATRIX DENSITY : 2.71  
NEUTRON MATRIX : LIMESTON

BOREHOLE FLUID : MUD  
RM :  
RM TEMPERATURE :  
MATRIX DELTA T : 49

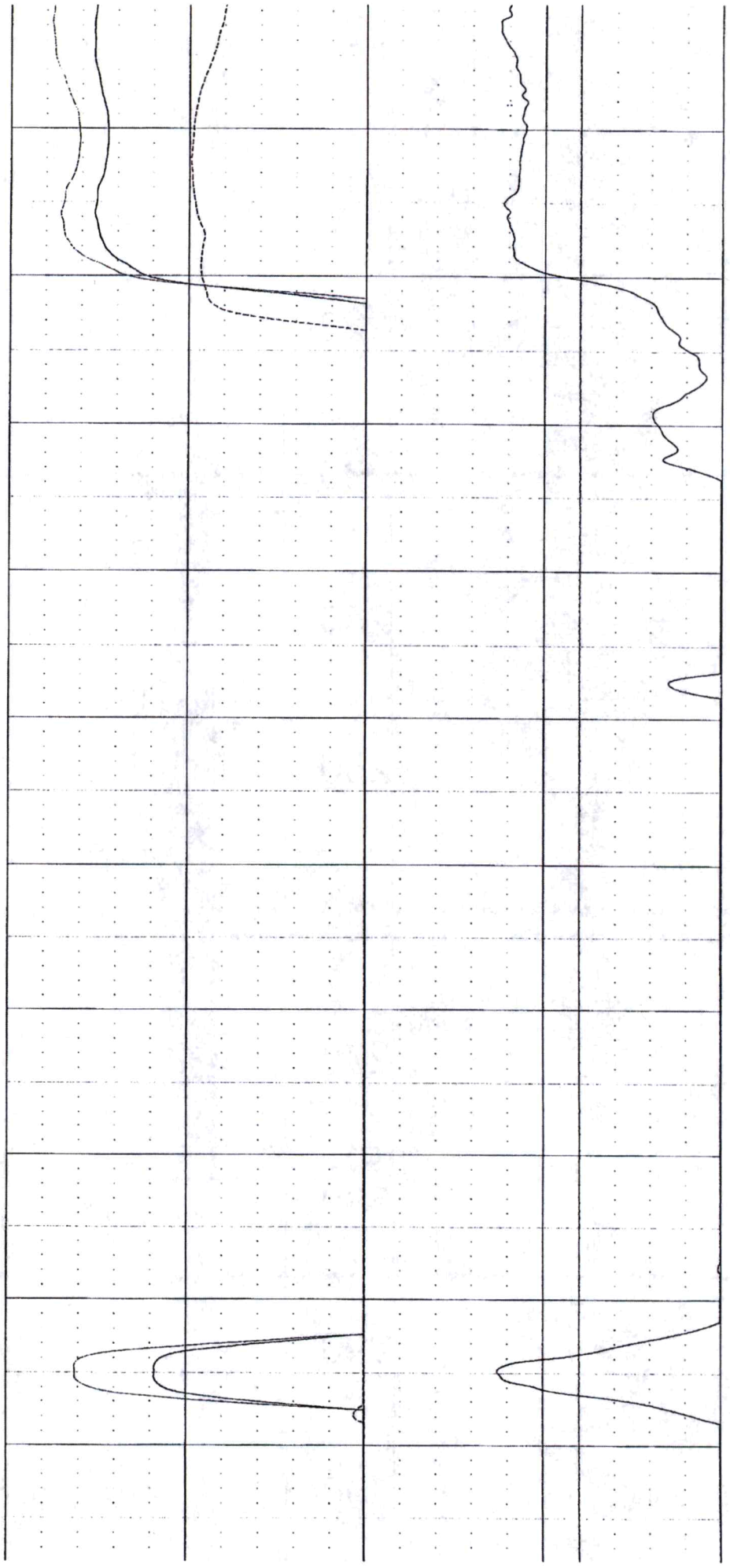
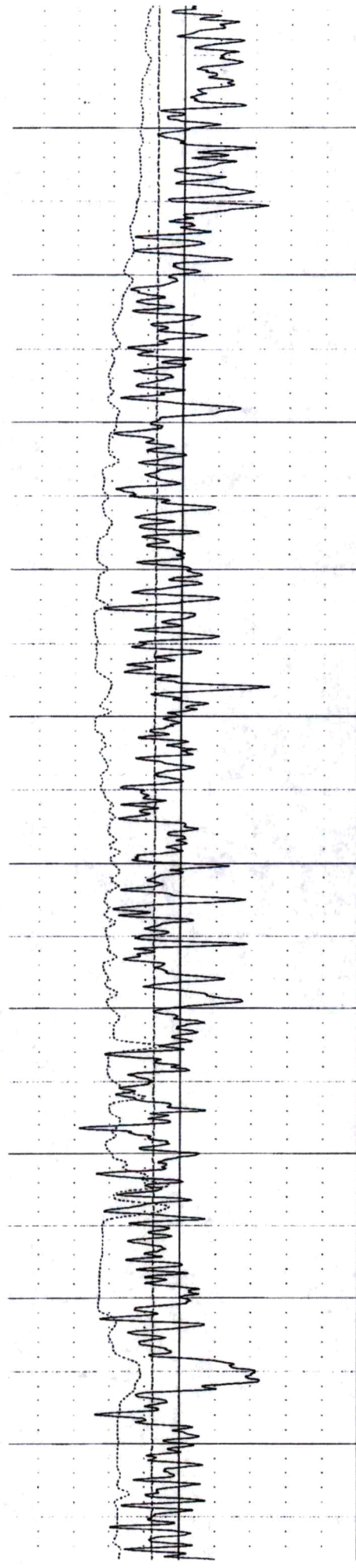
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TYPE : 8144A  
LGDATE: 05/10/23  
LGTIME : 17:28:  
THRESH: 99999

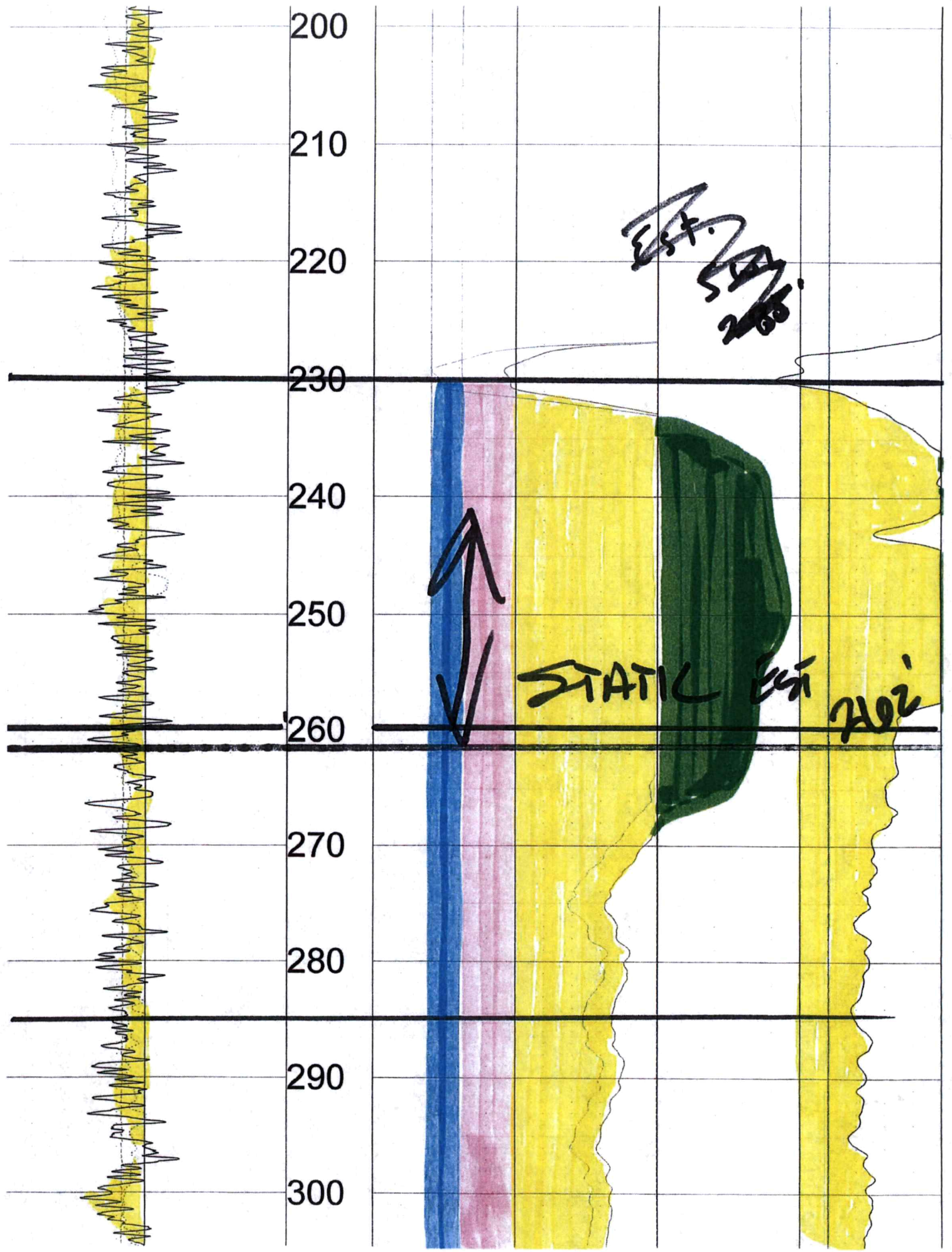
N 37.39913  
W -100.41575

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



100  
110  
120  
130  
140  
150  
160  
170  
180  
190





200

210

220

230

240

250

260

270

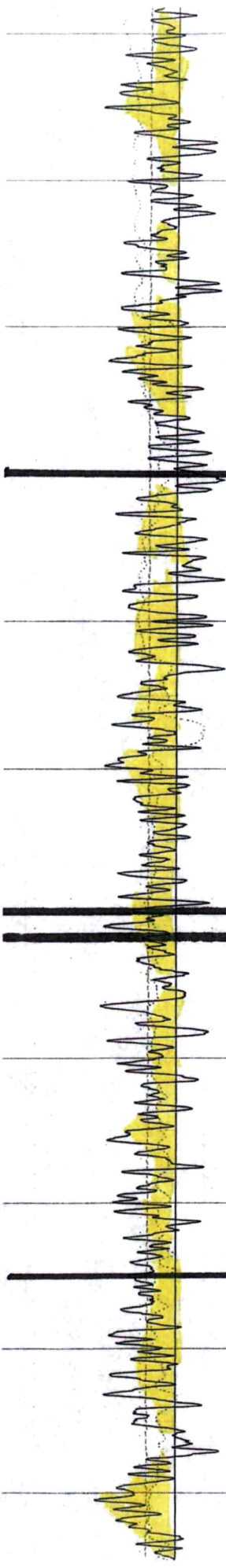
280

290

300

Est. 5/10/2008

STATIC Est. 2002



310

320

330

340

350

360

370

380

390

400

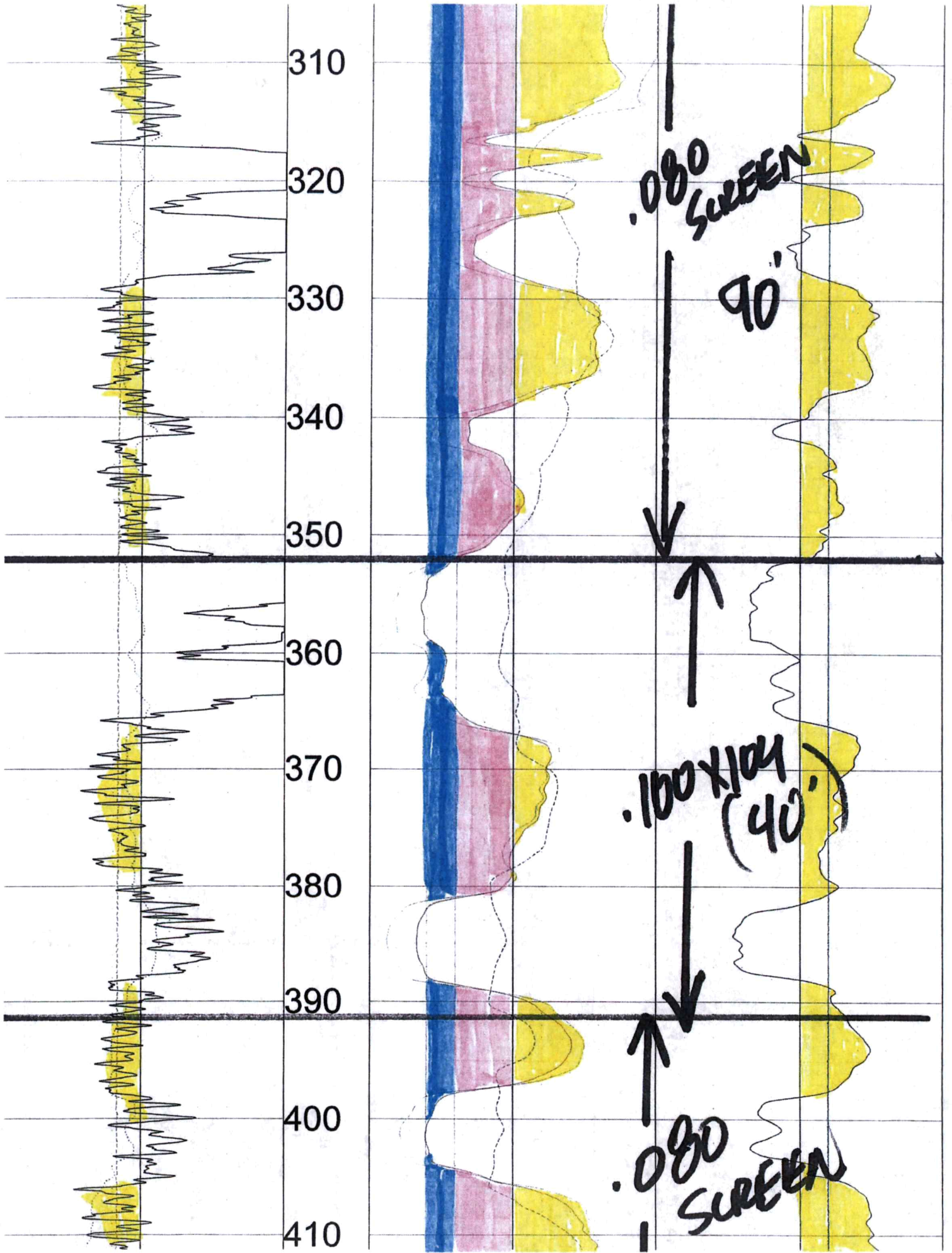
410

.080 SCREEN

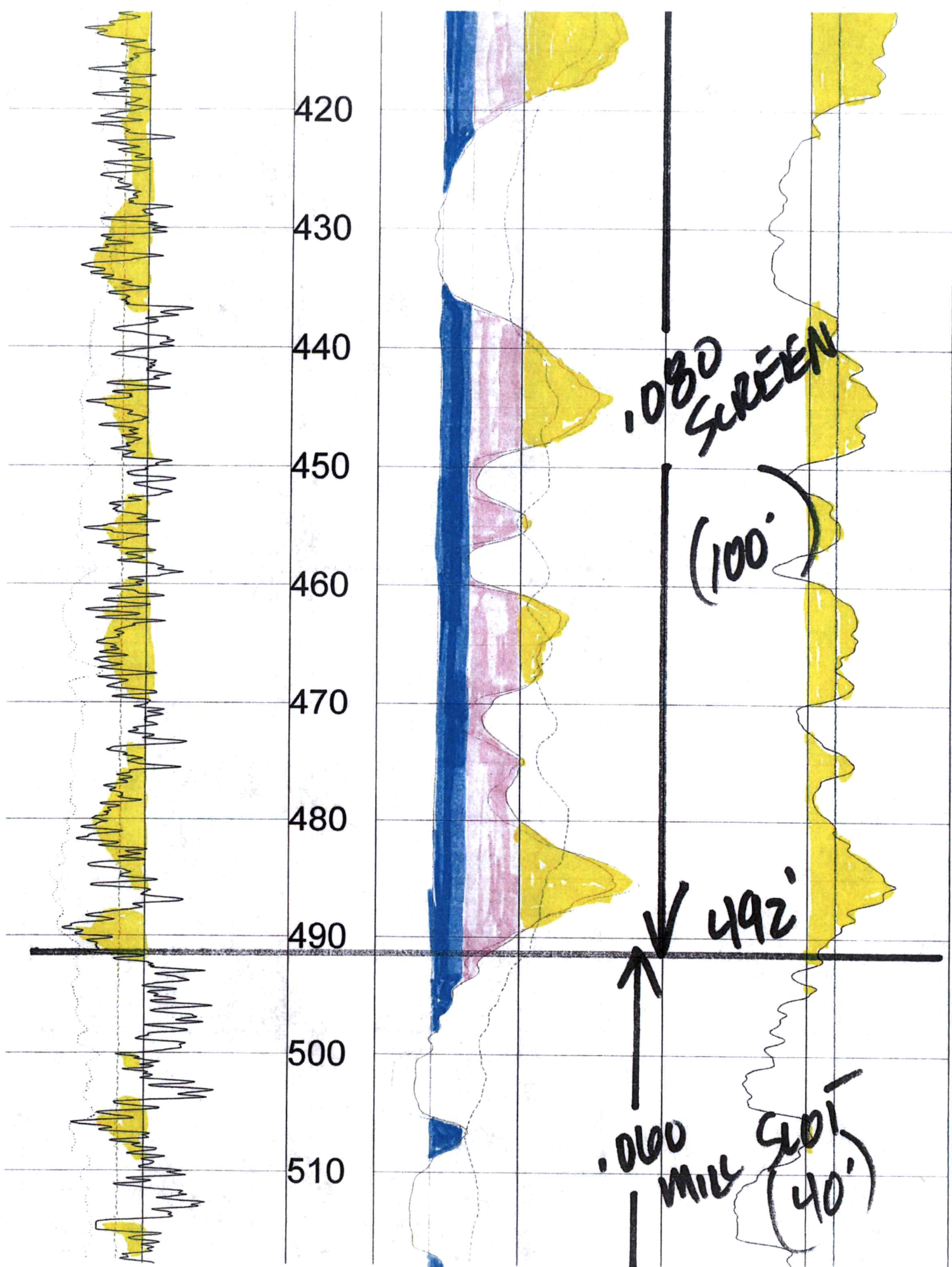
90'

.100 x 104 (40')

.080 SCREEN







420

430

440

450

460

470

480

490

500

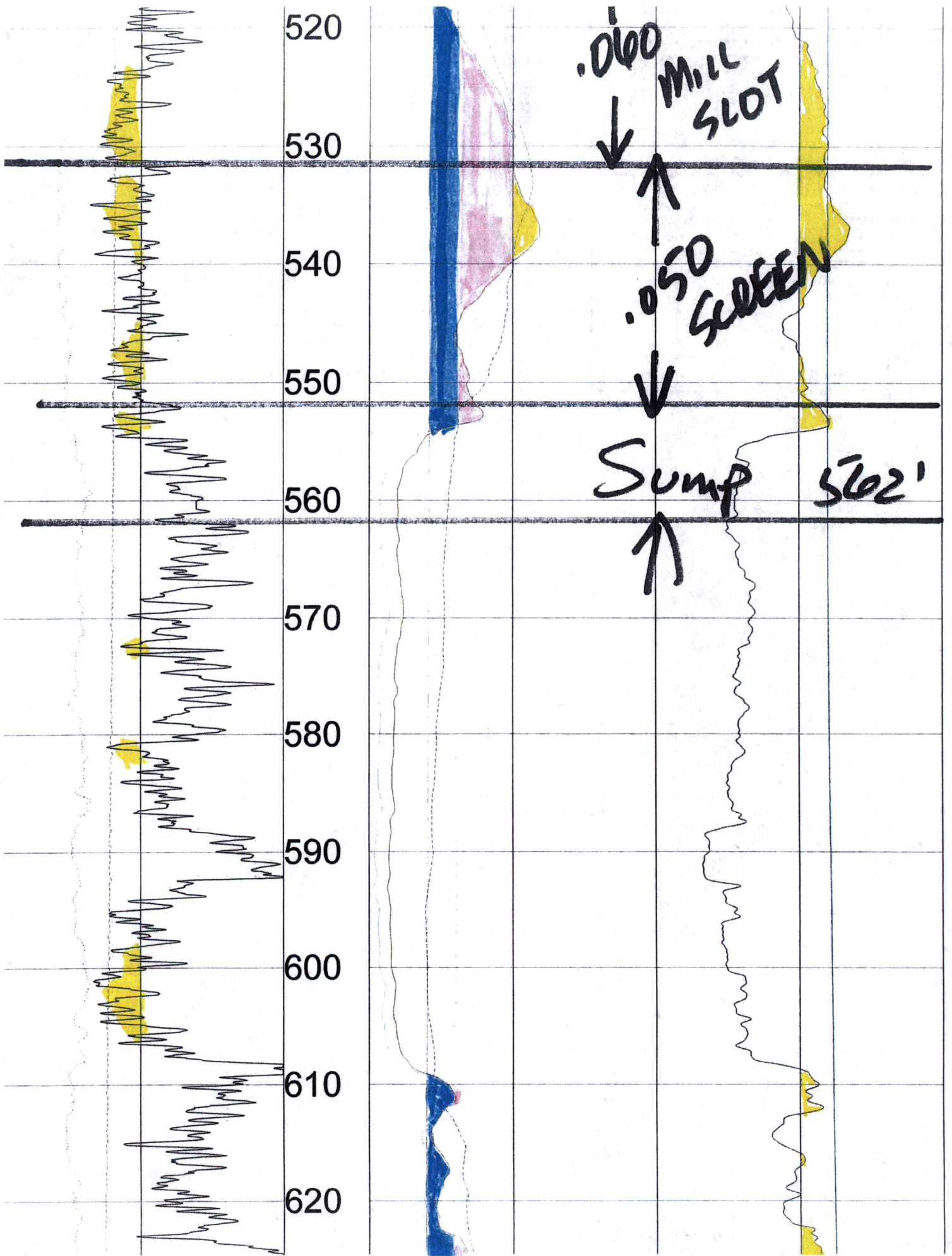
510

1080  
SCREEN

(100')

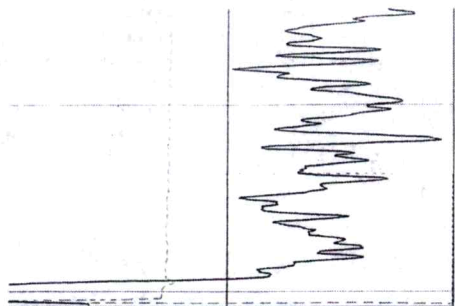
✓ 492'

.060  
MILL (40')



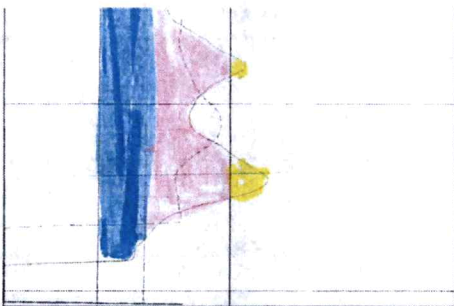
630

640

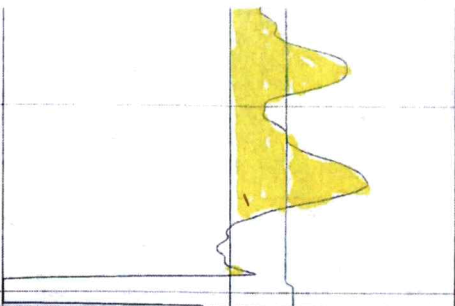


0	API-GR	200
	GAMMA	
700	MV	-500
	SP	
10	OHM-M	20
	RES(FL)	

FEET



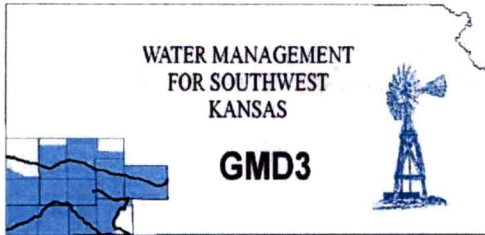
0	OHM-M	1000
	RES(16N)	
0	OHM-M	10065
	RES(64N)	
0	OHM-M	100
	LATERAL	



	OHM	90
	RES	
	DEG_F	75
	TEMP	

TOOL CALIBRATION DAVID KRAUSE 05/10/23 17:28  
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]



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

June 13, 2023

**RECEIVED**

**JUN 13 2023**

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

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

RE: Application for Change in Point of Diversion  
Water Right, File No. 1087

Dear Austin:

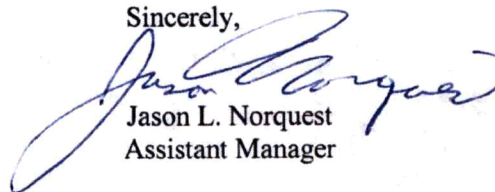
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft with saturated thickness is greater than 200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined in the area. At this time, we have not received 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): 1087.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: David Krouse.

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) 01 being changed.

	ft. North	ft. West	
Authorized PD	4965	4938	Sect 32-30-28
Proposed PD	4350	5245	
Difference	615 s	-307 w	
$a^2 + b^2 = c^2$	378225	94249	687.3674 foot move SW

GPS for proposed PD: Lat: 37.399132 Long: -100.415757.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:   .

Name Merl Rexford (29144, 35541).

Address PO Box 880.

Zip Meade, KS 67864.

Email: marilyn\_rexford@hotmail.com Phone: 620-629-1604.

Domestic well(s) notified:   .

Name   .

Address   .

Zip   .

Base Acres:   .

Perfected Acres:   .

Irr. Return-Flow   %

**Meade County**

**Authorized: 640AF @ 1220gpm. 2300' minimum spacing**

**Average reported use: 235.6AF/year**

**1000gpm reported in 2016**

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

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

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

4350 Feet N and 5245 Feet W of the Southeast Corner of Section 32 Twp 30S Rng 28W  
 Located at: 100.415757 West Longitude and 37.399131 North Latitude  
 Both SURFACE WATER and GROUNDWATER

*2300' on a //*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Anth_Quan	Add_Quan
A 1087 00	IRR	NK	G*	68	--	NW	NW	NW	-----	-----	32	30	28W	1		640.00	640.00
AF																	
A 29144 00	IRR	NK	G	5162	--	NW	NW	NW	5120	5100	31	30	28W	2		267.00	267.00
AF																	
A 35541 00	IRR	NK	G	4692	--	SW	SW	NE	2820	2400	29	30	28W	1		503.00	503.00
AF																	

*@1220 gpm*

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) =	1410.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	1410.00	.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:

4350 Feet North and 5245 Feet West of the Southeast Corner of Section 32 Twp 30S Rng 28W  
 Located at: 100.415757 West Longitude and 37.399131 North Latitude  
 Both SURFACE WATER and GROUNDWATER  
 WATER USE CORRESPONDENTS:

File Number Use ST SR

> DAVID KRAUSE  
 >  
 > PO BOX 252  
 > PLAINS KS 67869

*1087 Applicant*

> MERL D REXFORD  
 >  
 > PO BOX 880  
 > MEADE KS 67864

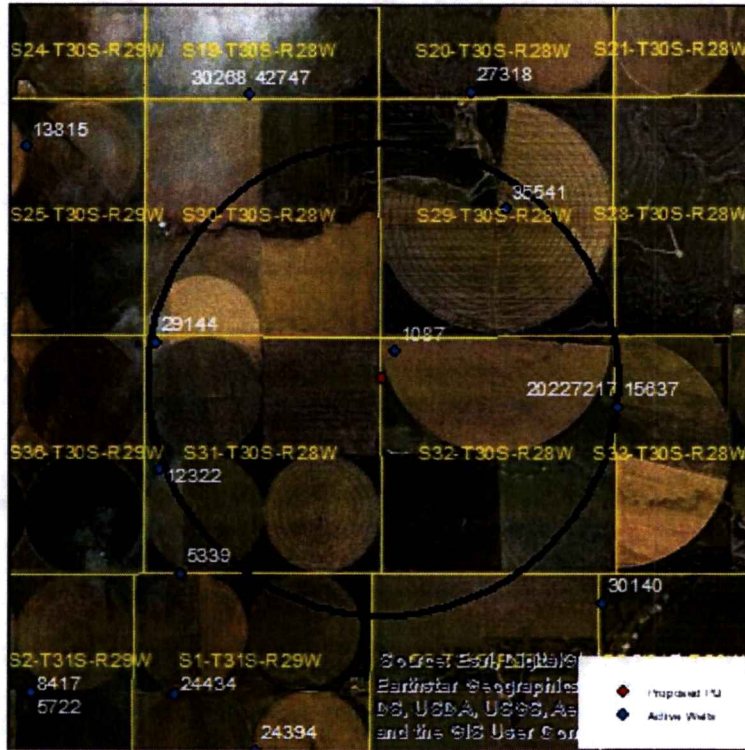
*29144*

> REXFORDS INC  
 > \* MERL D REXFORD  
 > PO BOX 880  
 > MEADE KS 67864

*35541*

### Evaluation of proposed move for Water Right No. 1087

Proposed: Move water right no. 1087 to a new well location, a distance of 687 ft to the southwest.



Wells within 1 mile: 29144 and 35541.

The saturated thickness at the proposed well location is estimated to be 221 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

$S = 0.203$ ,  $T = 20,361 \text{ ft}^2/\text{day}$ ,  $tp_{\text{current}} = 61 \text{ days}$  (based on average use and observed rate),  
 $Q_{\text{current}} = 881 \text{ gpm}$  (based on 2011 field inspection),  $tp_{\text{proposed}} = 121 \text{ days}$ ,  $Q_{\text{proposed}} = 1200 \text{ gpm}$

Theis drawdowns were calculated as follows:

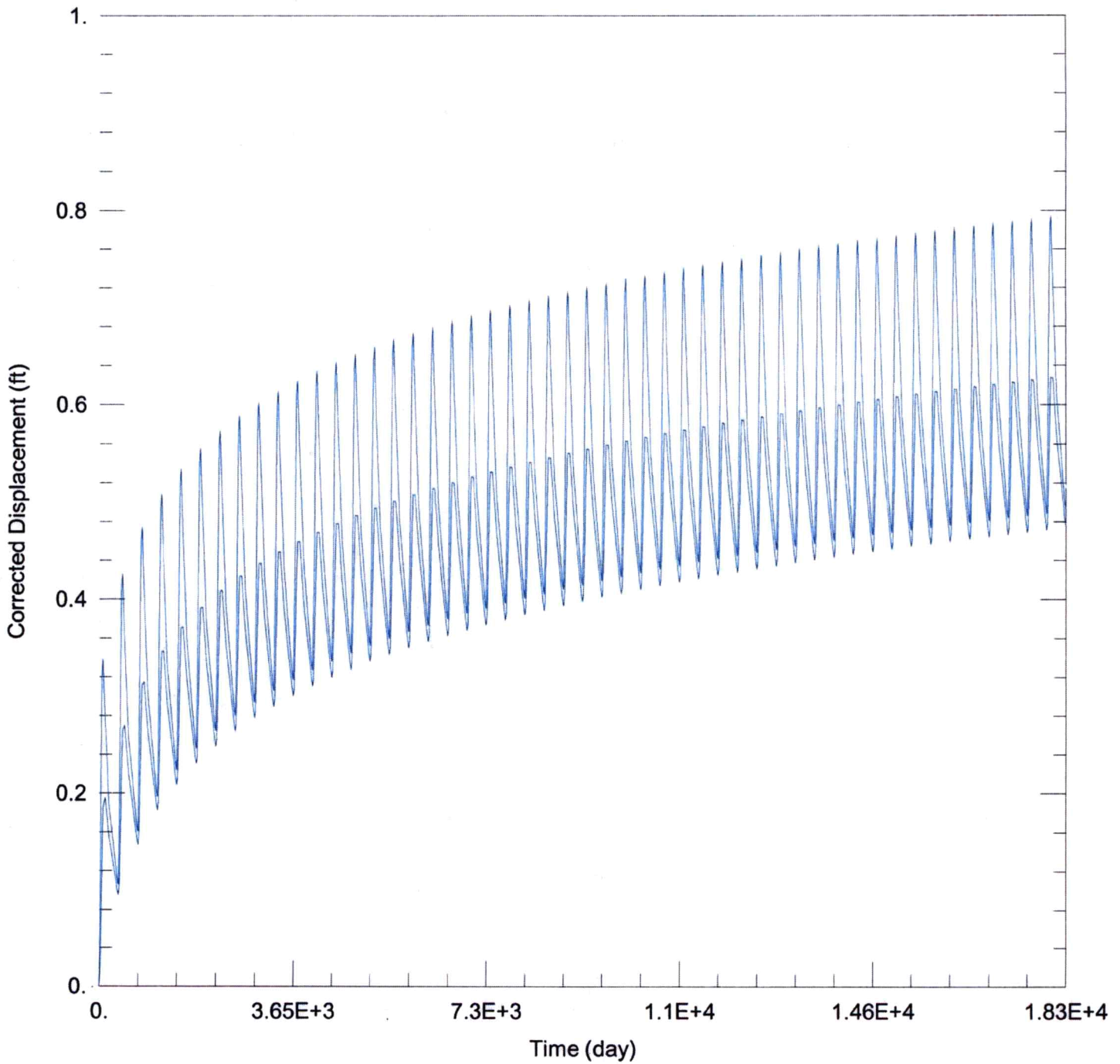
- 29144:**
- Drawdown from current location = 0.63 ft
  - Drawdown from proposed location = 1.72 ft
  - Net drawdown = **1.1 ft**
- 35541:**
- Drawdown from current location = 0.79 ft
  - Drawdown from proposed location = 1.82 ft
  - Net drawdown = **1.0 ft**

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.



**Conclusion:**

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



**WELL TEST ANALYSIS**

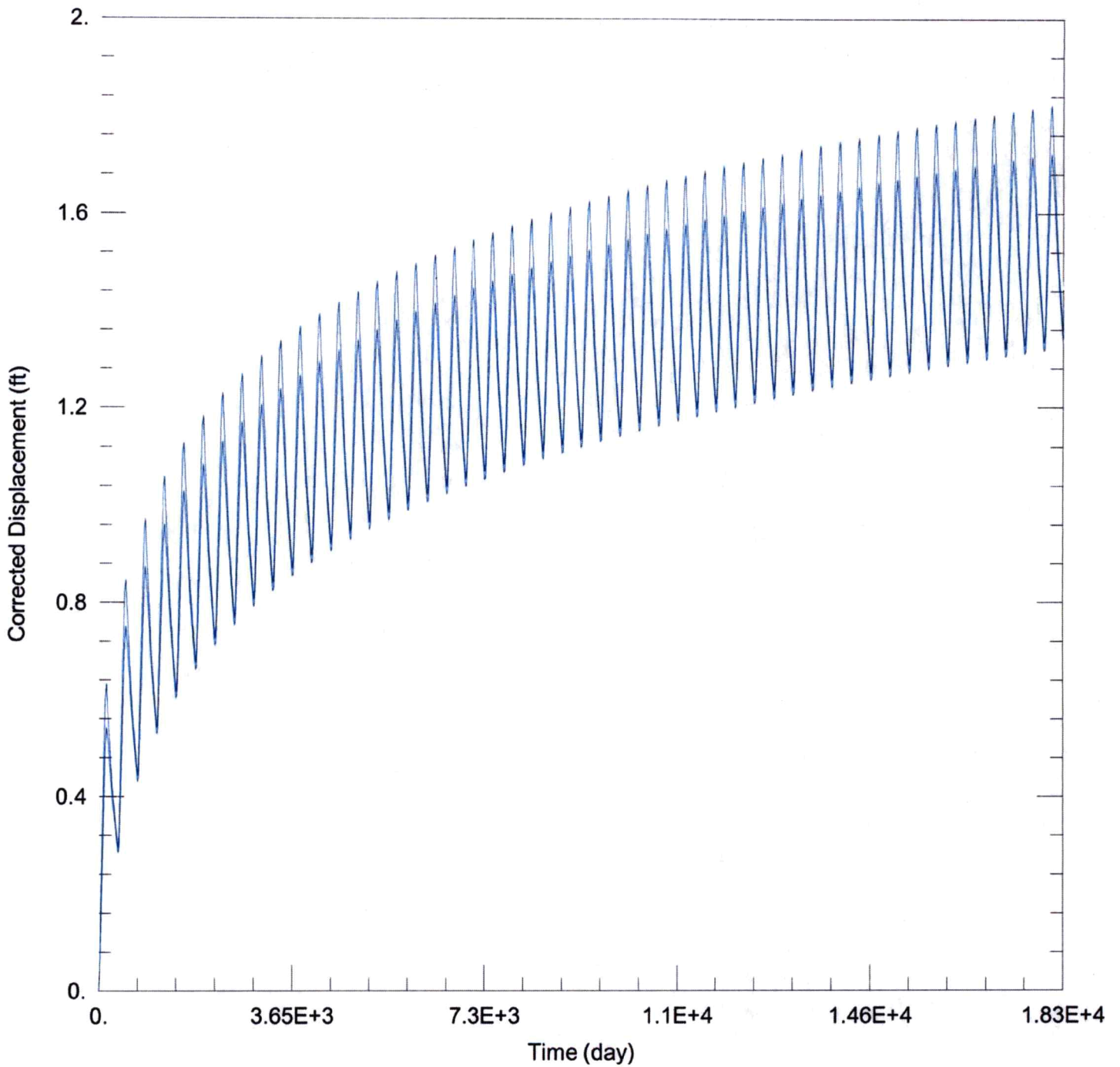
Data Set: C:\Users\trevora\Documents\2023\_moves\1087\1087 Current.aqt  
 Date: 06/06/23 Time: 15:11:56

**PROJECT INFORMATION**

Company: GMD 3  
 Project: 1087  
 Location: Meade County

**WELL DATA**

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
1087	111764	191679	□	111764	191679



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2023\_moves\1087\1087 Proposed.aqt  
 Date: 06/06/23 Time: 15:11:50

PROJECT INFORMATION

Company: GMD 3  
 Project: 1087  
 Location: Meade County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
1087	111460	191034

Observation Wells

Well Name	X (ft)	Y (ft)
□	111460	191034

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](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

June 5, 2023

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

Re: Request for Recommendation,  
File Nos. 1087

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by David Krause 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: