

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

1. File Number: <b>34821</b>	2. Status Change Date:	3. Change Num: <b>C1</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
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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>2/16/2023</b>
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8a. Applicant(s)                      Person ID **66389**  
 New to system                   Add Seq# \_\_\_\_\_

**SOUTHWEST FARMS LLC  
 15857 BEAR MOUNTAIN BLVD  
 BAKERSFIELD, CA 93311**

8c. Landowner(s)                      Person ID \_\_\_\_\_  
 New to system                   Add Seq# \_\_\_\_\_

8b. Landowner(s)                      Person ID \_\_\_\_\_  
 New to system                   Add Seq# \_\_\_\_\_

**8a**

8d. WUC                                      Person ID \_\_\_\_\_  
 New to system                   Add Seq# \_\_\_\_\_

**8a**

9. Documents and Enclosure(s):  DWR Meter(s) Date to Comply: **12/31/2023**     N & P Date to Comply: **3/1/2024**

Anti-Reverse Meter     Meter Seal     Check Valve     N & P Form     Water Tube     Driller Copy     H & E Letter

Conservation Plan    Date Required: \_\_\_\_\_    Date Approved: \_\_\_\_\_    Date to Comply: \_\_\_\_\_

10. Use Made of Water    From: \_\_\_\_\_    To: \_\_\_\_\_

Date Prepared: **4/13/2023**    By: **AM**  
 Date Entered: \_\_\_\_\_    By: \_\_\_\_\_

File No. **34821**      11. County: HS      Basin: ARKANSAS RIVER      Stream:      Formation Code: 211/331      Special Use:

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

DEL      **47434**

ENT      NW NW SE      3      27S 33W      2639      2187      1250      330      1250      330      NONE

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	6626																								
CHK	14270																								

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

April 13, 2023

THOMAS L LAHEY ET AL  
2711 ROAD Z  
MOSCOW, KS 67952-5246

RE: Filed Office Application for Change  
Water Right, File Nos. 34821, 34826 & 34830

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 13<sup>th</sup> day of April, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 34,821, 34,826 and 34,830 dated 13<sup>th</sup> day of April, 2023 was mailed postage prepaid, first class, US mail to the following:

SOUTHWEST FARMS LLC  
15857 BEAR MOUNTAIN BLVD  
BAKERSFIELD, CA 93311

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



4

**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.

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FEB 16 2023  
1215

KS DEPT OF AGRICULTURE

File No. 34821

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: SOUTHWEST FARMS LLC

15857 BEAR MOUNTAIN BLVD, BAKERSFIELD, CA 93311

Phone Number: (     )                      Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: \_\_\_\_\_

Phone Number: (     )                      Email address: \_\_\_\_\_

3. The presently authorized place of use is:

Owner of Land ---- NAME: no change

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: NO CHANGE

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 \$ 300 TR # \_\_\_\_\_ Receipt Date 2/16/23 Check # 2069

5. **Presently authorized point of diversion:**  
 One in the NC 2 Quarter of the N2 Quarter of the SE Quarter of Section 3, Township 27 South, Range 33 W, in HS County, Kansas, 2260 feet North 1400 feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 02 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 NW Quarter of the NW Quarter of the SE Quarter of Section 3, Township 27 South, Range 33 W, in HS County, Kansas, 2639 feet North 2187 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 \_\_\_\_\_ (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

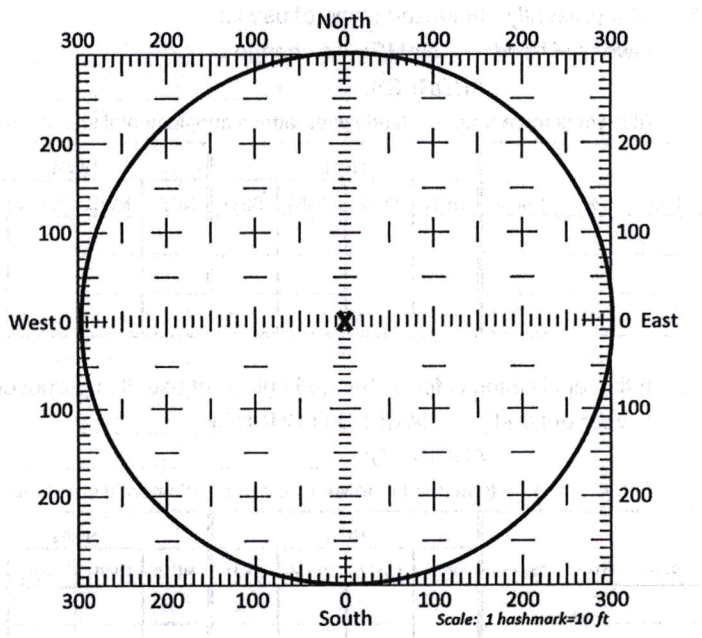
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_  
 WATER RESOURCES RECEIVED

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
 \_\_\_\_\_  
 FEB 16 2023  
 (b) When will this be done?  
 \_\_\_\_\_  
 KS DEPT OF AGRICULTURE

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by MM/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



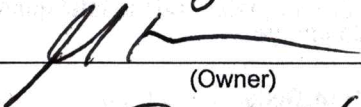
13b. If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE 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.

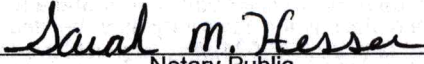
Dated at Brookings, Kansas, this 12<sup>th</sup> day of Feb., 20 23.

 (Owner)	 (Spouse)
<u>Josh FeVelo</u> (Please Print)	 (Please Print)
 (Owner)	 (Spouse)
 (Please Print)	 (Please Print)
 (Owner)	 (Spouse)
 (Please Print)	 (Please Print)

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 FEB 16 2023  
 KS DEPT OF AGRICULTURE

State of ~~Kansas~~ South Dakota }  
 County of Brookings } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 13 day of February, 20 23.

  
 Notary Public

My Commission Expires May 5, 2027.

**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. 34821.

1. A change application was received on February 16, 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*

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FEB 16 2023

KS DEPT OF AGRICULTURE

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

By: Austin McColloch  
Duly Authorized Designee of the Chief Engineer

(Print Name): Austin McColloch  
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: April 13, 2023

State of Kansas )

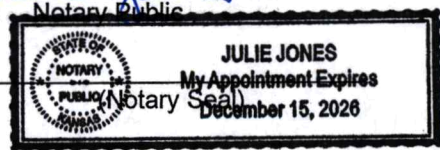
County of Osage ) SS

Acknowledged before me on April 13, 2023

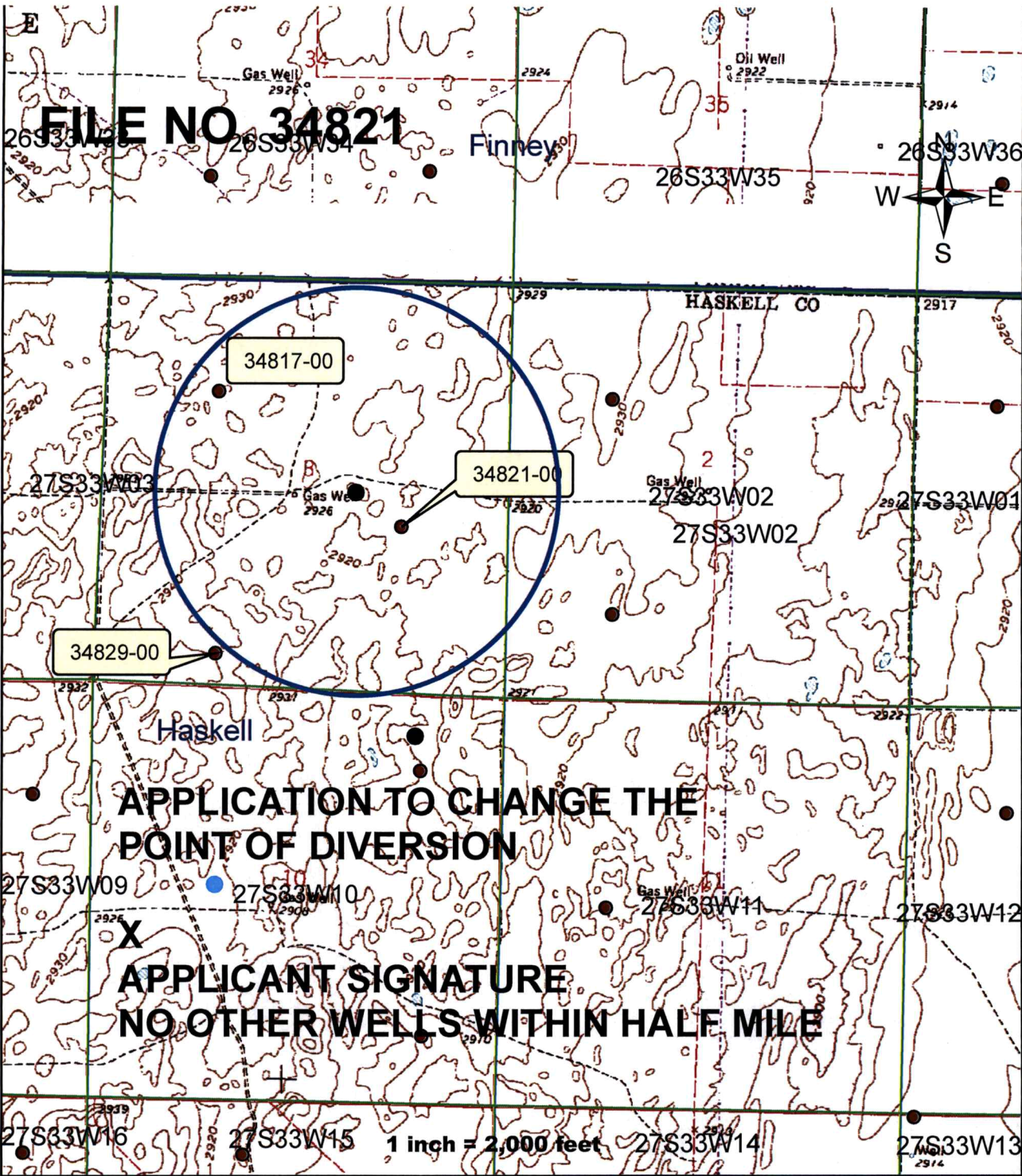
by Austin McColloch

Signature: Julie Jones  
Notary Public

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





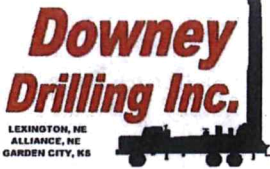


**FILE NO. 34821**

**APPLICATION TO CHANGE THE POINT OF DIVERSION**

**APPLICANT SIGNATURE  
NO OTHER WELLS WITHIN HALF MILE**

1 inch = 2,000 feet



# Well Design & Construction

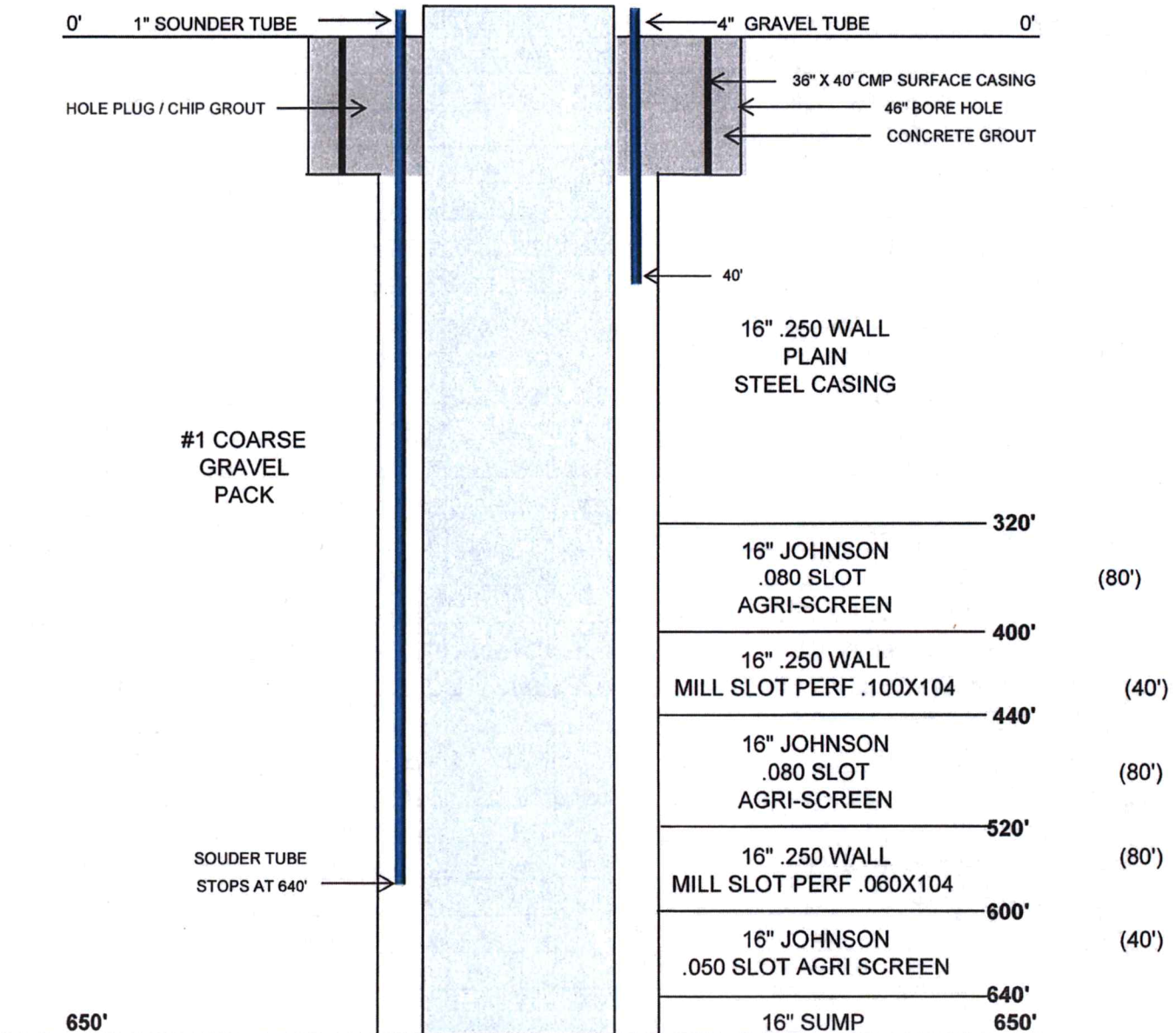
"PROPSOED"  
CIRCLE #2

Customer Name: SOUTHWEST FARMS LLC WR #34821  
 Legal: SE 3-27S-33W County: HASKELL  
 G.P.S.: 37.7292474 Date: \_\_\_\_\_  
-100.9143 WO #: \_\_\_\_\_

DRILLER: \_\_\_\_\_ WATER SUPPLY: IRRIGATION WELL  
 HELPER(S): \_\_\_\_\_ DRILLING RIG: M-100  
 BOREHOLE DIAMETER: 30" DRILLING METHOD: REVERSE CIRCULATION  
 CASING DIAMETER: 16" QUIKGEL: TBD HOLE PLUG: 20'+  
 TOTAL WELL DEPTH: 650' GRAVEL: 155 #1 C X 4; 70/30 X 1; 50/50 X 1 (5 Loads)  
 DRILLING FLUID: N/A GRAVEL SUPPLIER: HUBER  
 ADDITIONAL INFO: 36" X 40' SURFACE CASING AT TEST HOLE #2

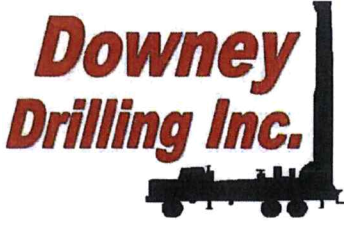
GROUT AND GRAVEL

SCREEN AND CASING



# WELL LOG

DATE: 2/2/2023



CUSTOMER NAME: SOUTHWEST FARMS, LLC

TH#2

LEGAL: SE 3-27S-33W

CIRCLE #2

COUNTY: HASKELL CO, KS

GPS: 37.7292474

TH #2

-100.9143044

DRILLER: DIEGO

WO: 22-979

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOP SOIL	SOFT	DRK BROWN	FAST		SMOOTH
	2	55	FINE SAND	SOFT		FAST		SMOOTH
	55	91	FINE-MED-COARSE SAND	FIRM		FAST		CHOPPY
	91	143	FINE-MED-COARSE GRAVEL W/ BIG ROCKS	HARD		FAST		CHATTER
	143	208	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	208	223	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	223	250	SANDY CLAY W/ FINE-MED-COARSE SAND LAYERS	SOFT	TAN LIGHT GRAY	FAST SEMI SLOW		SMOOTH & CHOPPY
	250	257	LIGHT GRAY CLAY	SOFT	GRAY	SLOW		SMOOTH
	257	260	LIME ROCK	HARD	WHITE	SLOW		CHATTER
	260	288	BLUE CLAY	STICKY	BLUE	FAST		SMOOTH
	288	323	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	323	334	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	334	348	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	348	355	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	355	361	FINE SAND W/ CEMENTED SAND	FIRM	WHITE	FAST		CHOPPY
	361	369	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	369	400	FINE-MED SAND W/ LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
	400	415	BROWN CLAY	STICKY	BROWN	FAST		SMOOTH
	415	420	FINE SAND	SOFT		FAST		VIBRATION
	420	430	BROWN CLAY	STICKY	BROWN	FAST		SMOOTH
	430	460	FINE-MED-COARSE SAND W/ FINE GRAVEL / LIME ROCK & BROWN ROCK TRACE	FIRM	WHITE & BROWN	FAST		FAST CHATTER
	460	465	BROWN ROCK	STIFF	BROWN	SLOW		CHATTER
	465	473	FINE-MED-COARSE SAND W/ BROWN ROCK & SANDSTONE	FIRM	BROWN & YELLOW	FAST		FAST CHATTER
	473	480	YELLOW SOAPSTONE	SOFT	YELLOW	FAST		VIBRATION
	480	485	BROWN ROCK W/ SANDSTONE	HARD	BROWN & YELLOW	SLOW		CHATTER
X	485	495	FINE SAND W/ BROWN ROCK & SANDSTONE	FIRM	BROWN & YELLOW	FAST		FAST CHATTER VIBRATION & SMOOTH
	495	530	SOAPSTONE W/ FINE SAND & GRAY CLAY	SOFT	GRAY	FAST		SMOOTH
	530	541	GRAY CLAY	SOFT	GRAY	SLOW		SMOOTH
	541	585	GRAY CLAY W/ SANDSTONE LEDGES	FIRM	GRAY	FASTER		SMOOTH & CHOPPY
	585	590	SANDSTONE W/ FINE SAND	FIRM	GRAY	FAST		FAST CHATTER
	590	610	GRAY CLAY W/ SOAPSTONE	SOFT	GRAY	SEMI SLOW		SMOOTH & VIBRATION
	610	635	SANDSTONE W/ SOAPSTONE & FINE SAND	FIRM	GRAY	FAST		FAST CHATTER
	635	650	GRAY CLAY W/ SOAPSTONE	SOFT	GRAY	FAST		SMOOTH & VIBRATION
	650	660	SHALE	SOFT	BLUE	SLOW		SMOOTH

STATIC 319

4

29

16

20

5

30

5

8

5

10

16

1

5

2

19

174



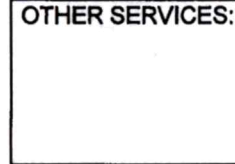


# Century GEOPHYSICAL CORP.

## SOUTHWEST FARMS LLC

COMPANY : DOWNEY DRILLING INC  
WELL : SOUTHWEST FARMS LL  
LOCATION/FIELD : TH#2  
COUNTY : HASKELL  
LOCATION : SE  
SECTION : 3

OTHER SERVICES:



TOWNSHIP : 27S RANGE : 33W

DATE : 02/02/23  
DEPTH DRILLER : 660  
LOG BOTTOM : 663.10  
LOG TOP : 0.90

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 : WILL

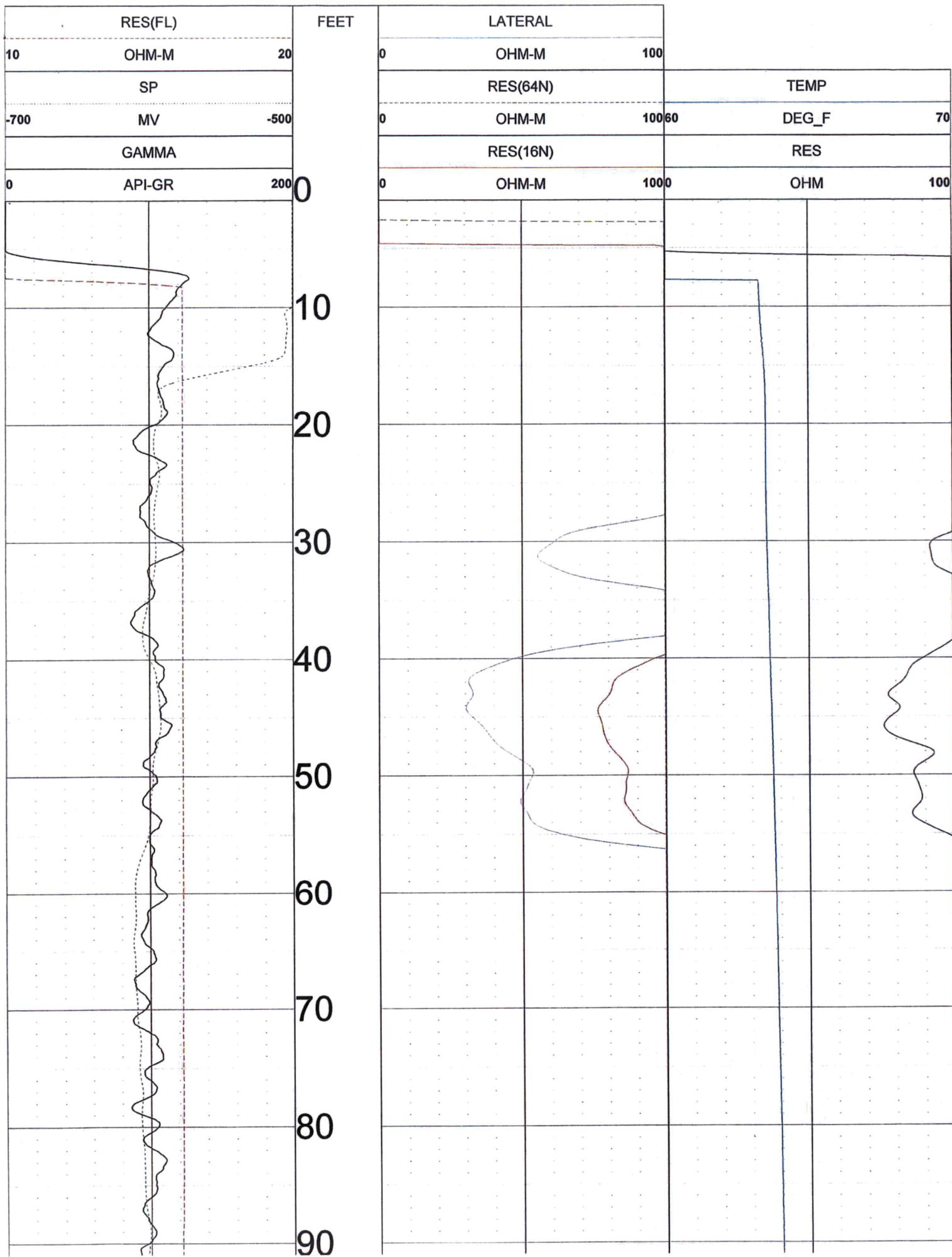
BIT SIZE : 6.25  
MAGNETIC DECL. : 0  
MATRIX DENSITY : 2.71  
NEUTRON MATRIX : LIMESTON

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

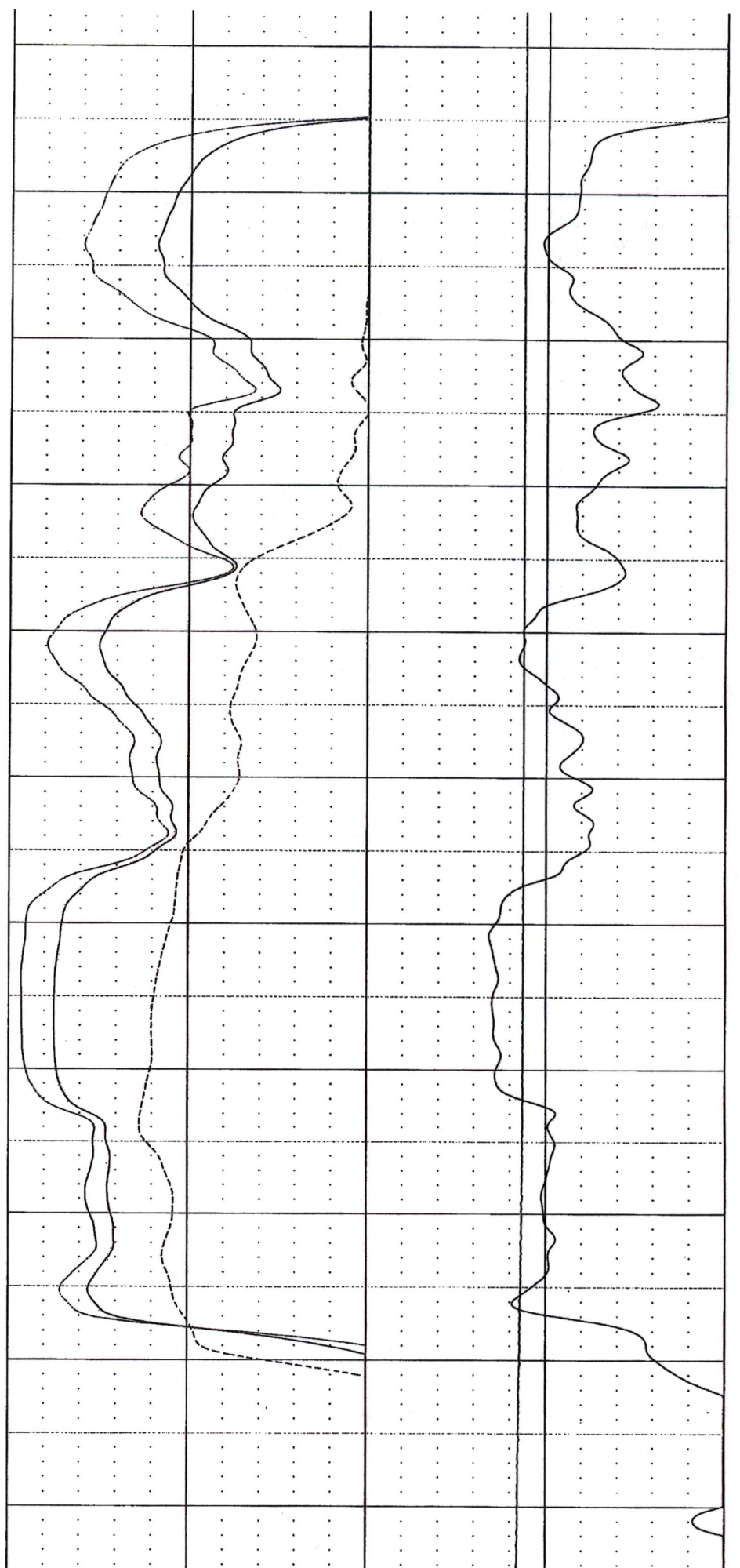
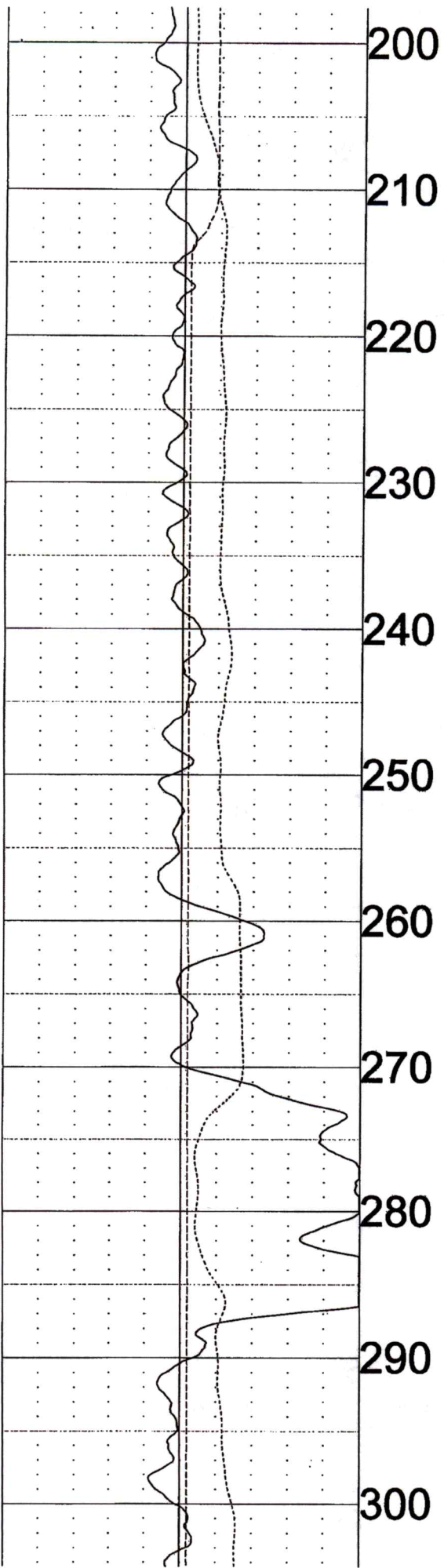
FILE : ORIGINAL  
TYPE : 8144A  
LGDATE: 02/02/23  
LGTIME : 16:30:  
THRESH: 99999

N 37.729247  
W -100.914304

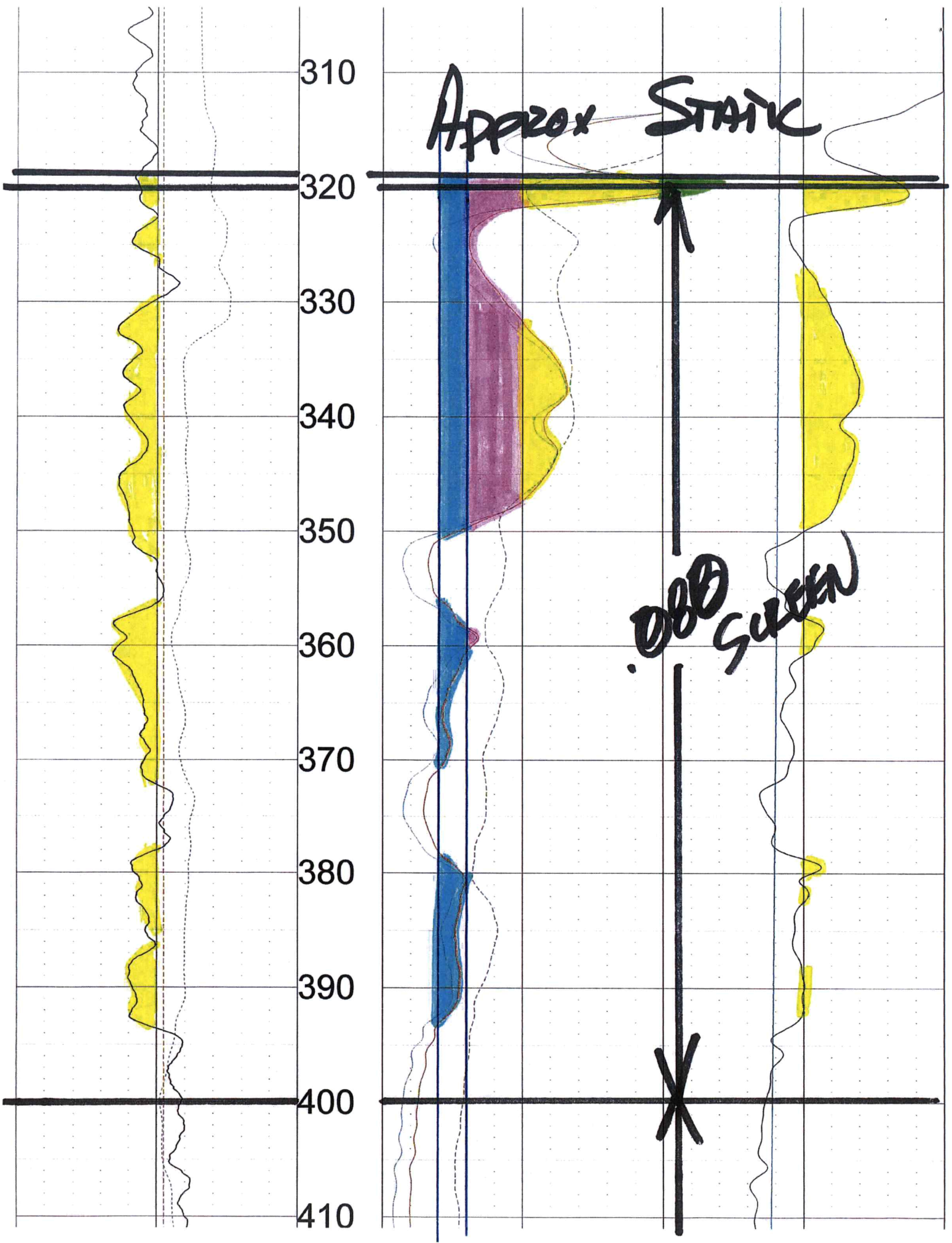
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

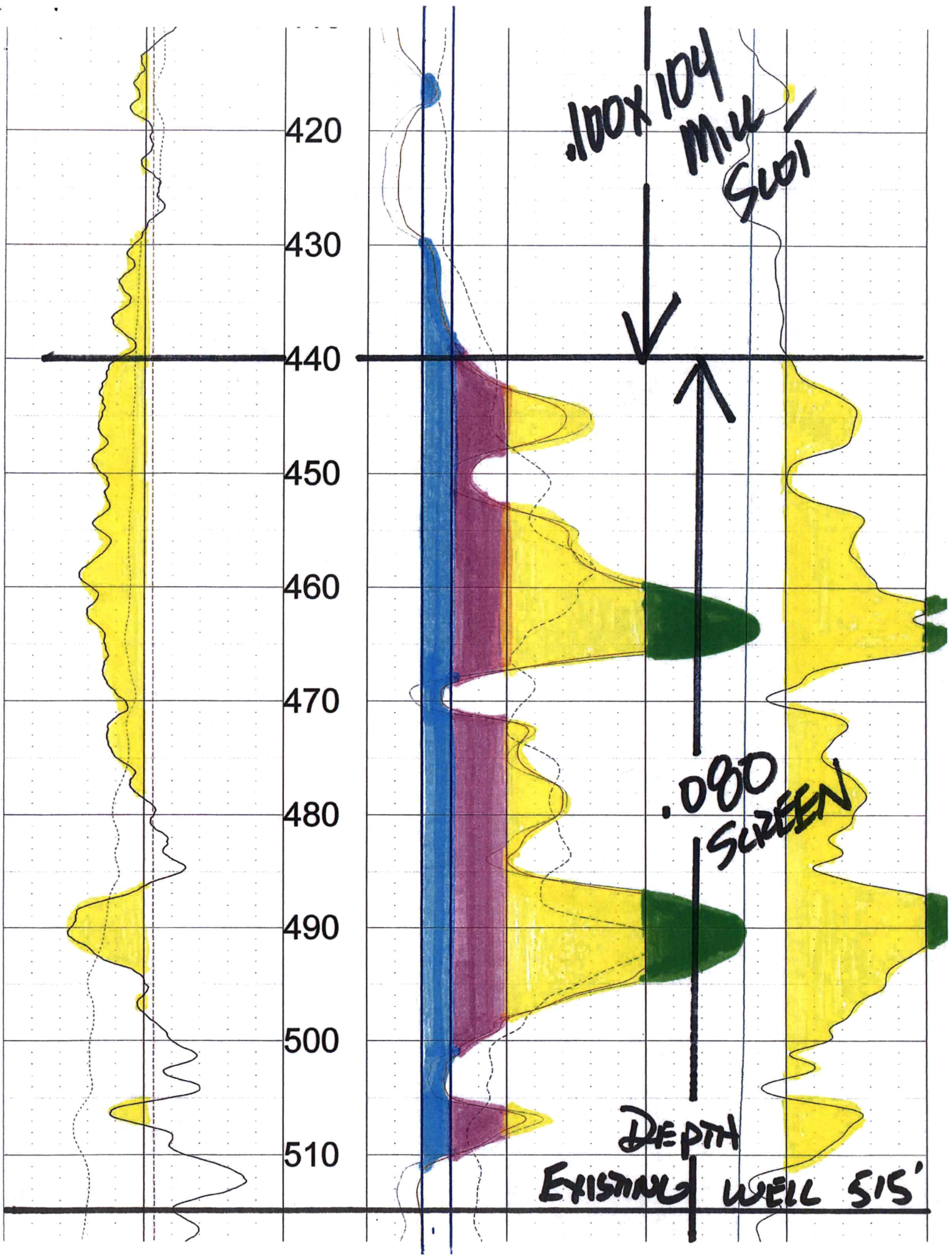


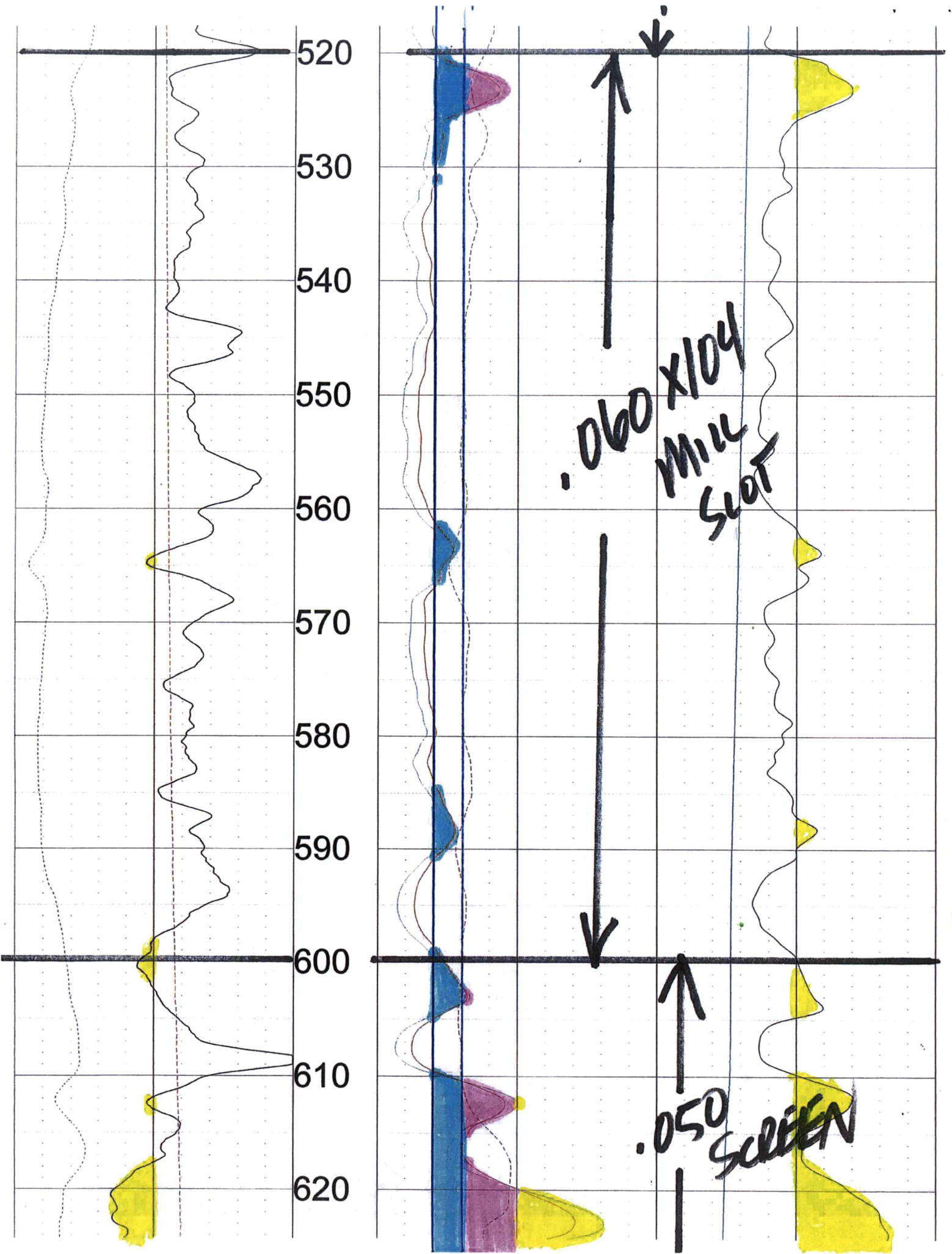


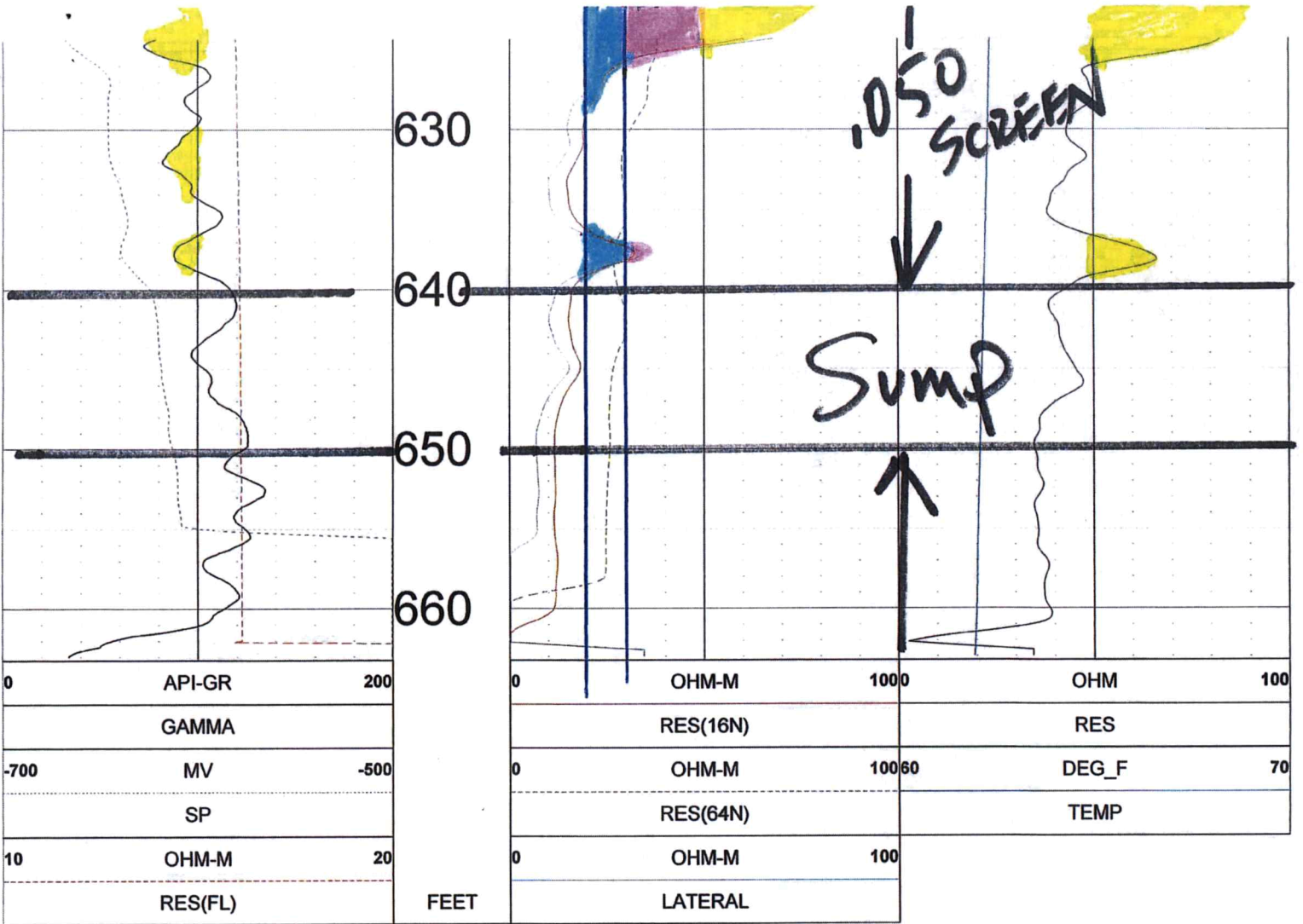






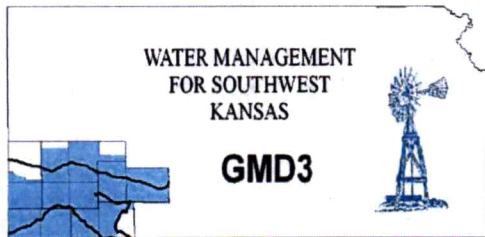






TOOL CALIBRATION SOUTHWEST FARMS LLC 02/02/23 16:30  
 TOOL 8144A TM VERSION 1  
 SERIAL NUMBER 365

	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

April 13, 2023

**RECEIVED**

**APR 13 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: Applications for Changes in Points of Diversion  
Water Right, File Nos. 34821, 34826 & 34830

Dear Austin:

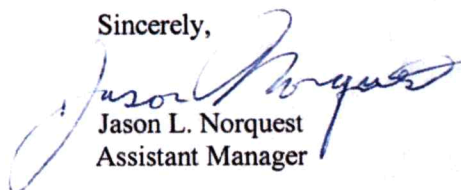
We have completed a review of the applications for the above referenced water rights. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposals 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 moves were 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

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File No(s): 34821. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Southwest 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) 02 being changed.

	ft. North	ft. West	
Authorized PD	2260	1400	Sect 3-27-33
Proposed PD	2639	2187	
Difference	-379 n	-787 w	
a2 + b2 = c2	143641	619369	873.5044 foot move NW

GPS for proposed PD: Lat: 37.7292474 Long: -100.9143.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:   .

Name Andrew Koehn (19418).

Address 1107 Road 70.

Zip Sublette, KS 67877.

Email: [flynk@wbsnet.org](mailto:flynk@wbsnet.org) Phone: 620-287-3314.

Name Eugene & Cheryl Davis (34812).

Address 121 Road LL.

Zip Sublette, KS 67877.

Email: [dirtrider76@me.com](mailto:dirtrider76@me.com) Phone: 620-272-1497.

Name Glenn C Voth Trust %Larry Voth (32017).

Address 2230 E Lear RD.

Zip Garden City, KS 67846.

Email: [lwv@wbsnet.org](mailto:lwv@wbsnet.org) Phone: 620-272-2026.

Name Eldon & Terry Alexander (35047).

Address 13990 S Sandhill RD.

Zip Garden City, KS 67846.

Email: [sandhillfarmandranch@gmail.com](mailto:sandhillfarmandranch@gmail.com) Phone: 620-805-1753.

Domestic well(s) notified:   .

Name   .

Address   .

## GMD3 Change Review

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Zip \_\_\_\_.

Base Acres: \_\_\_\_.

Perfected Acres: \_\_\_\_.

Irr. Return-Flow \_\_\_\_%

**Haskell County**

**34821: 330AF @ 1250gpm. Observation well required**

**GMD3 2020 inspection calculated 240.04gpm**

**2013-2022 avg. reported use: 179.6AF/year**

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

Recommendation: After review of all 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:

2639 Feet N and 2187 Feet W of the Southeast Corner of Section 3 Twp 27S Rng 33W

Located at: 100.914743 West Longitude and 37.729271 North Latitude

Both SURFACE WATER and GROUNDWATER

*1900' on a!*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan						
A__ AF	19418	00	IRR	NK	G				3673	←	--	NC	NW	3870	4025	2	27	33W	4		266.00	266.00	
A__ AF	32017	00	IRR	NK	G				4339	←	--	SW	NE	SE	1457	1049	34	26	33W	3		186.00	186.00
A__ AF	34812	00	IRR	NK	G				3952	←	NC	N2	S2	SW	990	3900	2	27	33W	2		330.00	330.00
A__ AF	34817	00	IRR	NK	G				1930	←	--	NW	SE	NW	3750	3750	3	27	33W	1		330.00	330.00
A__ AF	34821	00	IRR	NK	G*				875	←	NC	N2	N2	SE	2260	1400	3	27	33W	2		330.00	330.00
A__ AF	34826	00	IRR	NK	G*				4920	←	--	SW	SE	NW	<del>3200</del> 1618 4224	<del>3580</del>	10	27	33W	2		330.00	330.00
A__ AF	34829	00	IRR	NK	G				2646	←	--	SW	SE	SW	515	3750	3	27	33W	5		330.00	330.00
A__ AF	34830	00	IRR	NK	G*				3742	←	--	SW	NE	NE	<del>4360</del> 1180 1207	<del>1140</del>	10	27	33W	3		330.00	330.00
A__ AF	35047	00	IRR	NK	G				4460	←	--	NC	SW		1320	3960	34	26	33W	2		272.00	272.00

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) =	2704.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2704.00	.00

*Minimum Spacing  
Approved MFT*

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:

2639 Feet North and 2187 Feet West of the Southeast Corner of Section 3 Twp 27S Rng 33W

Located at: 100.914743 West Longitude and 37.729271 North Latitude

Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

File Number Use ST SR

> ANDREW KOEHN

> 1107 ROAD 70

> SUBLETTE KS 67877

*19418*

> GLENN C VOTH TRUST

> LARRY W VOTH

> 2230 E LEAR RD

> GARDEN CITY KS 67846

*32017*

> EUGENE R & CHERYL F DAVIS

> 121 ROAD LL

> SUBLETTE KS 67877

*34812*

> SOUTHWEST FARMS LLC  
>  
> 15857 BEAR MOUNTAIN BLVD 34817  
> BAKERSFIELD CA 93311

*Applicant*

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> SOUTHWEST FARMS LLC  
>  
> 15857 BEAR MOUNTAIN BLVD 34821  
> BAKERSFIELD CA 93311

*Application*

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> SOUTHWEST FARMS LLC  
>  
> 15857 BEAR MOUNTAIN BLVD 34826  
> BAKERSFIELD CA 93311

*Sepr. App*

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> SOUTHWEST FARMS LLC  
>  
> 15857 BEAR MOUNTAIN BLVD 34829  
> BAKERSFIELD CA 93311

*Applicant*

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> SOUTHWEST FARMS LLC  
>  
> 15857 BEAR MOUNTAIN BLVD 34830  
> BAKERSFIELD CA 93311

*Seperate App*

-----  
> ELDON & TERRY ALEXANDER  
>  
> 13990 S SANDHILL RD 35047  
> GARDEN CITY KS 67846

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## GMD3 Change Review

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File No(s): 34826. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Southwest 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) 02 being changed.

	ft. North	ft. West	
Authorized PD	3200	3560	Sect 10-27-33
Proposed PD	1618	4224	
Difference	1582 s	-664 w	
$a^2 + b^2 = c^2$	2502724	440896	1715.698 foot move SW

GPS for proposed PD: Lat: 37.711957 Long: -100.9218.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: All neighboring certified wells are the applicants.

Name   .

Address   .

Zip   .

Email:    Phone:   .

Domestic well(s) notified:   .

Name   .

Address   .

Zip   .

Base Acres:   .

Perfected Acres:   .

Irr. Return-Flow   %

### Haskell County

**34826: 330AF @ 1250gpm. Required to install observation well.**

**GMD3 2020 inspection calculated 297.9gpm**

**2013-2022 avg. reported use: 204.1AF/year**

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

Recommendation: after review of all information, 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:

1618 Feet N and 4224 Feet W of the Southeast Corner of Section 10 Twp 27S Rng 33W  
 Located at: 100.921799 West Longitude and 37.711956 North Latitude  
 Both SURFACE WATER and GROUNDWATER

*1900' or a'*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan		
A__ AF	34642	00	IRR	NK	G	4554	↙	NE	NW	SW	2324	4035	15	27	33W	1	247.00	247.00	
A__ AF	34813	00	IRR	NK	G	4996	--	SE	NE	NE	4110	112	15	27	33W	4	320.00	320.00	
A__ AF	34814	00	IRR	NK	G	3079	↙	SW	NE	NE	4480	980	16	27	33W	1	330.00	330.00	
A__ AF	34816	00	IRR	NK	G	2461	--	NC	NE	NW	4620	3300	15	27	33W	3	330.00	330.00	
A__ AF	34818	00	IRR	NK	G	3264	↙	NW	SE	SE	900	1050	10	27	33W	1	330.00	330.00	
A__ AF	34822	00	IRR	NK	G	5222	↙	NC	S2	SW	600	4000	9	27	33W	1	330.00	330.00	
A__ AF	34825	00	IRR	NK	G	2952	↙	NW	SE	NE	3820	860	9	27	33W	3	318.00	318.00	
A__ AF	34826	00	IRR	NK	G*	↔	1716	--	SW	SE	NW	3200	3560	10	27	33W	2	330.00	330.00
A__ AF	34829	00	IRR	NK	G	4207	--	SW	SE	SW	515	3750	3	27	33W	5	330.00	330.00	
A__ AF	34830	00	IRR	NK	G*	4116	↙	SW	NE	NE	<del>4360</del> 4780	<del>1140</del> 1207	10	27	33W	3	330.00	330.00	
P__ AF	20220200	00	IND	GY	G	4554	↙	NE	NW	SW	2324	4035	15	27	33W	1	2.46	2.46	

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	2.46	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	3195.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3197.46	.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:

1618 Feet North and 4224 Feet West of the Southeast Corner of Section 10 Twp 27S Rng 33W  
 Located at: 100.921799 West Longitude and 37.711956 North Latitude  
 Both SURFACE WATER and GROUNDWATER  
 WATER USE CORRESPONDENTS:

- > File Number Use ST SR
- > SOUTHWEST FARMS LLC
- >
- > 15857 BEAR MOUNTAIN BLVD
- > BAKERSFIELD CA 93311
- >-----
- > SOUTHWEST FARMS LLC
- >
- > 15857 BEAR MOUNTAIN BLVD
- > BAKERSFIELD CA 93311
- >-----
- > SOUTHWEST FARMS LLC

*34642*  
*34813*  
*34814*

*Applicant*

>  
> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

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> SOUTHWEST FARMS LLC

>  
> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34816

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> SOUTHWEST FARMS LLC

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> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34818

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> SOUTHWEST FARMS LLC

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> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34822

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> SOUTHWEST FARMS LLC

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> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34825

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> SOUTHWEST FARMS LLC

>  
> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34826

Application

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> SOUTHWEST FARMS LLC

>  
> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34829

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> SOUTHWEST FARMS LLC

>  
> 15857 BEAR MOUNTAIN BLVD  
> BAKERSFIELD CA 93311

34830 - Sep App.

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> MERIT ENERGY COMPANY LLC

>  
> 1701 N KANSAS  
> LIBERAL KS 67901

2022 0200

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## GMD3 Change Review

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File No(s): 34830.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Southwest 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) 03 being changed.

	ft. North	ft. West	
Authorized PD	4360	1140	Sect 10-27-33
Proposed PD	4780	1207	
Difference	-420 n	-67 w	
a2 + b2 = c2	176400	4489	425.3105 foot move NW

GPS for proposed PD: Lat: 37.720634 Long: -100.91137.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:   .

Name Andrew Koehn (19418).

Address 1107 Road 70.

Zip Sublette, KS 67877.

Email: [flynk@wbsnet.org](mailto:flynk@wbsnet.org) Phone: 620-287-3314.

Name Eugene & Cheryl Davis (34812, 34820).

Address 121 Road LL.

Zip Sublette, KS 67877.

Email: [dirtrider76@me.com](mailto:dirtrider76@me.com) Phone: 620-272-1497.

Domestic well(s) notified:   .

Name   .

Address   .

Zip   .

Base Acres:   .

Perfected Acres:   .

Irr. Return-Flow   %

**Haskell County**

**34830: 330AF @ 1250gpm. Observation well required.**

**GMD3 2020 inspection calculated 228.87gpm**

**2013-2022 avg. reported use: 201.2AF/year**

## GMD3 Change Review

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

Recommendation: After review of all 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:

4780 Feet N and 1207 Feet W of the Southeast Corner of Section 10 Twp 27S Rng 33W

Located at: 100.911370 West Longitude and 37.720640 North Latitude

Both SURFACE WATER and GROUNDWATER

*1900' or A11*

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	
A__ AF	19418	00	IRR	NK	G				5043								266.00	266.00
A__ AF	34812	00	IRR	NK	G				3028	NC	N2	S2	SW				330.00	330.00
A__ AF	34817	00	IRR	NK	G				4961		NW	SE	NW				330.00	330.00
A__ AF	34818	00	IRR	NK	G				3892		NW	SE	SE				330.00	330.00
A__ AF	34820	00	IRR	NK	G				3343				NC	W2			328.00	328.00
A__ AF	34821	00	IRR	NK	G*				2781	NC	N2	N2	SE				330.00	330.00
A__ AF	34825	00	IRR	NK	G				5076		NW	SE	NE				318.00	318.00
A__ AF	34826	00	IRR	NK	G*				2834		SW	SE	NW				330.00	330.00
A__ AF	34829	00	IRR	NK	G				2750		SW	SE	SW				330.00	330.00
A__ AF	34830	00	IRR	NK	G*				455		SW	NE	NE				330.00	330.00

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) =	3222.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3222.00	.00

*Minimum Funding  
Approved 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:

4780 Feet North and 1207 Feet West of the Southeast Corner of Section 10 Twp 27S Rng 33W

Located at: 100.911370 West Longitude and 37.720640 North Latitude

Both SURFACE WATER and GROUNDWATER

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- > ANDREW KOEHN
- > 1107 ROAD 70
- > SUBLETTE KS 67877
- 
- > EUGENE R & CHERYL F DAVIS
- >
- > 121 ROAD LL
- > SUBLETTE KS 67877
- 
- > SOUTHWEST FARMS LLC
- >
- > 15857 BEAR MOUNTAIN BLVD

*19418*

*34812*

*34829*



> BAKERSFIELD CA 93311

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> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34818

> BAKERSFIELD CA 93311

>-----

> EUGENE R & CHERYL F DAVIS

> 121 ROAD LL 34820

> SUBLETTE KS 67877

>-----

> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34821

> BAKERSFIELD CA 93311

>-----

> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34825

> BAKERSFIELD CA 93311

>-----

> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34826

> BAKERSFIELD CA 93311

>-----

> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34829

> BAKERSFIELD CA 93311

>-----

> SOUTHWEST FARMS LLC

> 15857 BEAR MOUNTAIN BLVD 34830

> BAKERSFIELD CA 93311

>-----

*Applicant*

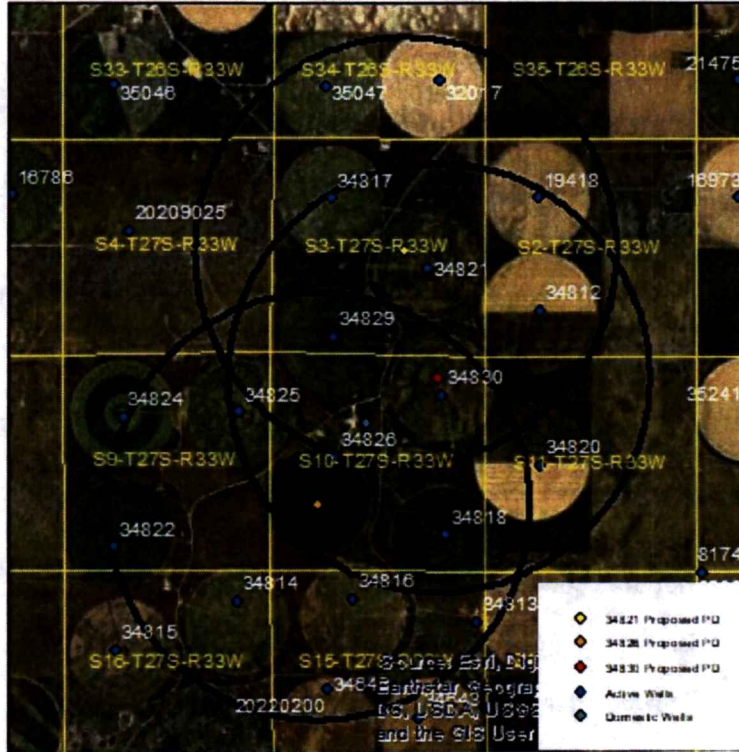
*Seq. App*

*Seq. App*

*Applicant*

**Evaluation of proposed moves for Water Right Nos. 34821, 34826, and 34830**

Proposed: Move water right no. 34821 to a new well location, a distance of 743 ft to the northwest.  
 Move water right no. 34826 to a new well location, a distance of 1,262 ft to the southwest. Move water right no. 34830 to a new well location, a distance of 452 ft to the northwest.



Wells within 1 mile: 35047, 32017, 34817, 34829, 19418, 34812, 34822, 34825, 34818, 34820, 34814, 34642, 34816, 34813, and a domestic well in section 10-27-33.

The saturated thickness at the proposed well location is estimated to be 214 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

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

$S = 0.1532$ ,  $T = 16,042 \text{ ft}^2/\text{day}$ ,

34821:  $tp_{\text{current}} = 169 \text{ days}$ ,  $Q_{\text{current}} = 240 \text{ gpm}$ ,  $tp_{\text{proposed}} = 60 \text{ days}$ ,  $Q_{\text{proposed}} = 1250 \text{ gpm}$

34826:  $tp_{\text{current}} = 155 \text{ days}$ ,  $Q_{\text{current}} = 298 \text{ gpm}$ ,  $tp_{\text{proposed}} = 60 \text{ days}$ ,  $Q_{\text{proposed}} = 1250 \text{ gpm}$

34830:  $tp_{\text{current}} = 199 \text{ days}$ ,  $Q_{\text{current}} = 229 \text{ gpm}$ ,  $tp_{\text{proposed}} = 60 \text{ days}$ ,  $Q_{\text{proposed}} = 1250 \text{ gpm}$

Theis drawdowns were calculated as follows:

35047: Drawdown from current location = 1.59 ft

Drawdown from proposed location = 2.86 ft

Net drawdown = 1.3 ft

32017: Drawdown from current location = 1.63 ft  
Drawdown from proposed location = 2.93 ft  
Net drawdown = **1.3 ft**

34817: Drawdown from current location = 2.03 ft  
Drawdown from proposed location = 4.21 ft  
Net drawdown = **2.2 ft**

34829: Drawdown from current location = 2.57 ft  
Drawdown from proposed location = 5.25 ft  
Net drawdown = **2.7 ft**

19418: Drawdown from current location = 1.92 ft  
Drawdown from proposed location = 3.49 ft  
Net drawdown = **1.6 ft**

34812: Drawdown from current location = 2.25 ft  
Drawdown from proposed location = 4.20 ft  
Net drawdown = **2.0 ft**

34822: Drawdown from current location = 1.50 ft  
Drawdown from proposed location = 2.66 ft  
Net drawdown = **1.2 ft**

34825: Drawdown from current location = 2.16 ft  
Drawdown from proposed location = 3.96 ft  
Net drawdown = **1.8 ft**

34818: Drawdown from current location = 2.18 ft  
Drawdown from proposed location = 4.02 ft  
Net drawdown = **1.8 ft**

34820: Drawdown from current location = 2.12 ft  
Drawdown from proposed location = 3.69 ft  
Net drawdown = **1.6 ft**

34814: Drawdown from current location = 1.71 ft  
Drawdown from proposed location = 3.35 ft  
Net drawdown = **1.6 ft**

34642: Drawdown from current location = 1.55 ft  
Drawdown from proposed location = 2.80 ft  
Net drawdown = **1.2 ft**

34816: Drawdown from current location = 1.92 ft  
Drawdown from proposed location = 3.88 ft  
Net drawdown = **2.0 ft**

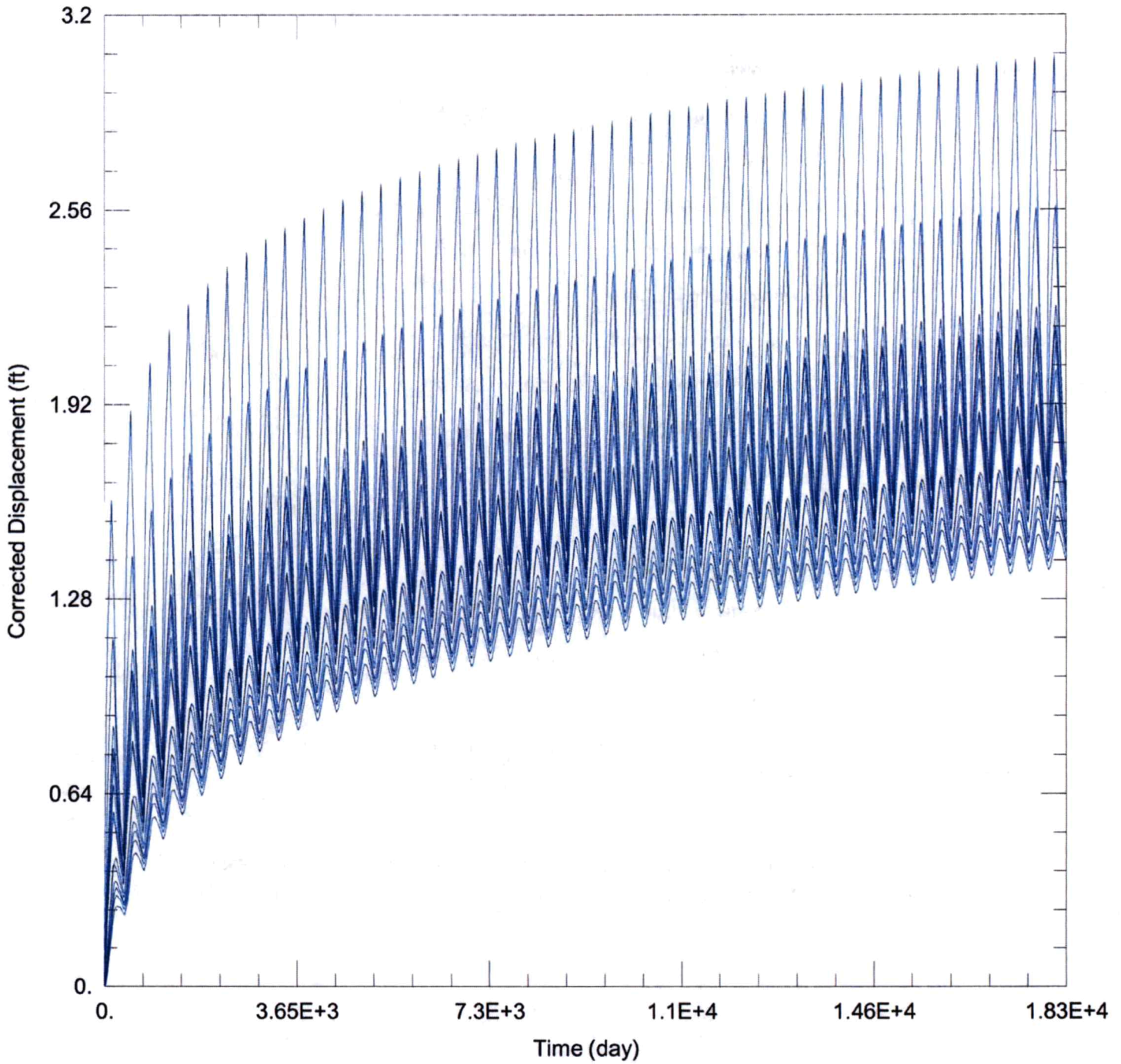
34813: Drawdown from current location = 7.12 ft  
Drawdown from proposed location = 3.01 ft  
Net drawdown = **1.3 ft**

Domestic 10-27-33: Drawdown from current location = 3.07 ft  
Drawdown from proposed location = 5.84 ft  
Net drawdown = **2.8 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**

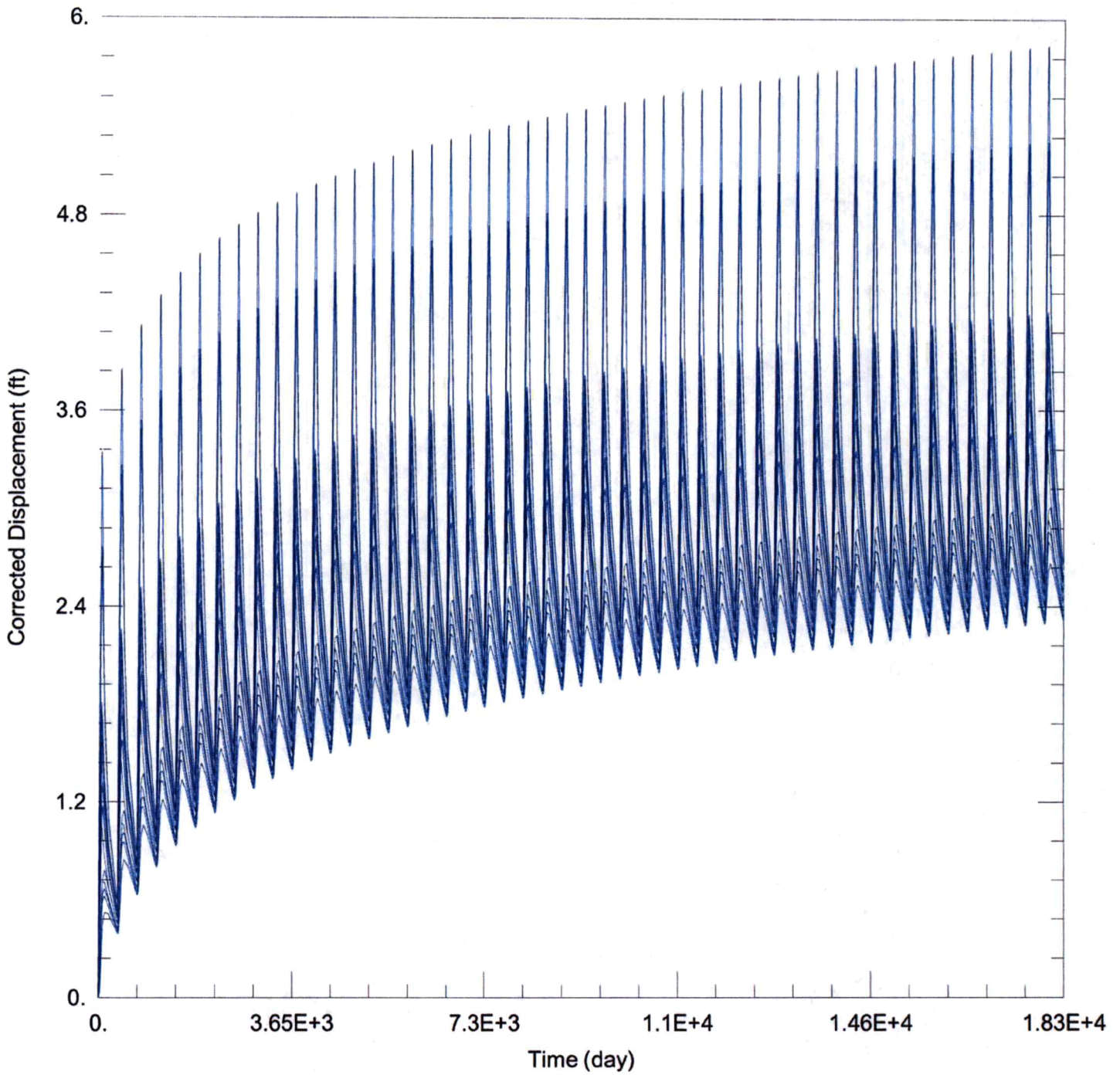
Data Set: C:\Users\trevora\Documents\2023\_moves\34821\_34826\_34830\34821+ Current.aqt  
 Date: 04/11/23 Time: 14:49:38

**PROJECT INFORMATION**

Company: GMD 3  
 Project: 34821 & 34826 & 34830  
 Location: Haskell County

**WELL DATA**

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
34821	-32611	310634	□	-32611	310634



**WELL TEST ANALYSIS**

Data Set: C:\Users\trevora\Documents\2023\_moves\34821\_34826\_34830\34821+ Proposed.aqt  
 Date: 04/11/23 Time: 14:49:29

**PROJECT INFORMATION**

Company: GMD 3  
 Project: 34821 & 34826 & 34830  
 Location: Haskell County

**WELL DATA**

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
34821	-33218	311064	□	-33218	311064

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

March 29, 2023

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

Re: Request for Recommendation,  
File Nos. 34821; 34826 & 34830

Dear Sir or Madam:

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