



File No. **16951**      11. County: **ME**      Basin: **CROOKED CREEK**      Stream:      Formation Code: **211/331**      Special Use:

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

**DEL 29671**

**ENT      NW NW SE      5      30S 30W      2203      2540      2000      460      2000      460      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<br>CHK<br>MOD<br>DEL<br>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 6810</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |      |               |
| <b>CHK 8920</b>   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |      |               |
| <b>CHK 12862</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

Mike Beam, Secretary

Laura Kelly, Governor

October 19, 2023

BLUE BOTTOM LLC  
Attn: BALDWIN - MEADE CO  
PO BOX 1151  
PONCA CITY, OK 74601

RE: Filed Office Application for Change  
Water Right, File No. 16951

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:

**CERTIFICATE OF SERVICE**

On this 19<sup>th</sup> day of October, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 16,951 dated 19<sup>th</sup> day of October, 2023 was mailed postage prepaid, first class, US mail to the following:

BLUE BOTTOM LLC  
Attn: BALDWIN - MEADE CO  
PO BOX 1151  
PONCA CITY, OK 74601

Pc:

  
\_\_\_\_\_  
Division of Water Resources Staff



Submit completed application to:  
 Kansas Department of Agriculture  
 Division of Water Resources  
 Field Office for your area.

Call for address:

Topeka -- (785) 296-5733  
 Stafford -- (620) 234-5311  
 Stockton -- (785) 425-6787  
 Garden City -- (620) 276-2901  
<http://agriculture.ks.gov/dwr>

## DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

**Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.**  
 Fee Schedule is on the third page of this application form.

**Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions.** If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

RECEIVED  
 2:00 pm  
 OCT 17 2023

File No. 16951

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

Place of Use                       Point of Diversion

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

The source of supply is:                       Groundwater                       Surface water

Garden City Field Office  
 Division of Water Resources

2. Name and address of Applicant: Blue Bottom LLC. attn Brock J Thurman

PO Box 1151, Ponca City, OK 74601

Phone Number: (620) 886-0576

Email address: brock.thurman@rcbbank.bank

Name and address of Water Use Correspondent: 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 |             |  |  |  |
|      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |  |  |  |
|      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |  |  |  |
|      |      |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |  |  |  |

|   |
|---|
| <b>For Office Use Only:</b> Code _____ Fee \$ <u>100.00</u> TR # _____ Receipt Date <u>10-17-23</u> Check # <u>056556</u> |
|---|



5. **Presently authorized point of diversion:**  
 One in the NW Quarter of the NW Quarter of the SE Quarter of Section 5, Township 30 South, Range 30 West, in Meade County, Kansas, 2130 feet North 2620 feet West of Southeast corner of section.  
 Authorized Rate 2000 gpm Authorized Quantity 460 AF Depth of well \_\_\_\_\_ (feet)  
 (DWR use only: Computer ID No. 1 GPS 2141 feet North 2700 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 5, Township 30 South, Range 30 West, in Meade County, Kansas, 2203 feet North 2540 feet West of Southeast corner of section.  
 Proposed Rate no change Proposed Quantity no change Proposed well depth (feet) 600  
 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

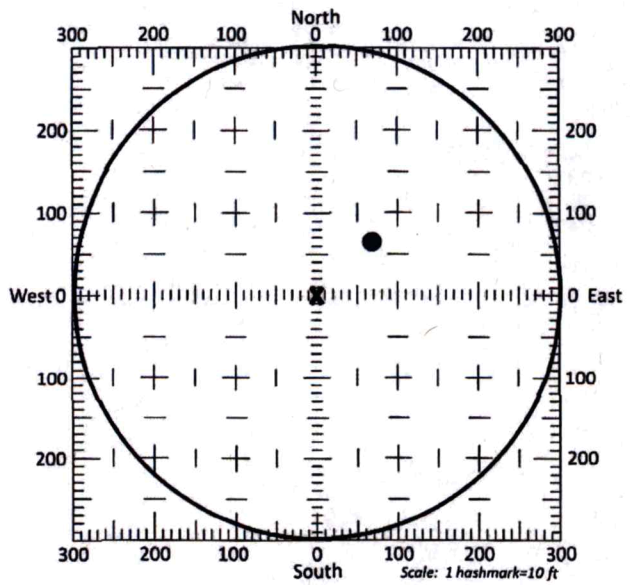
9. The change(s) (was)(will be) completed by?  
As soon as possible

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
Plug it  
 (b) When will this be done? As soon as possible

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by CI, 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 Hatchiana Kansas, this 11<sup>th</sup> day of October, 2023.

|                                      |       |                |
|--------------------------------------|-------|----------------|
| <u>Blue Ribbon LLC</u><br>(Owner)    | _____ | (Spouse)       |
| <u>[Signature]</u><br>(Please Print) | _____ | (Please Print) |
| _____                                | _____ | (Spouse)       |
| _____                                | _____ | (Please Print) |
| _____                                | _____ | (Spouse)       |
| _____                                | _____ | (Please Print) |



State of Kansas }  
County of Peru } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 11<sup>th</sup> day of October, 2023.

[Signature]  
Notary Public

My Commission Expires 07/22/2026

**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. 16951.

1. A change application was received on October 17, 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 50 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 300 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, 2024, 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, 2024, or within any authorized extension of time. By March 1, 2025 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 McColloch  
Duly Authorized Designee of the Chief Engineer

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

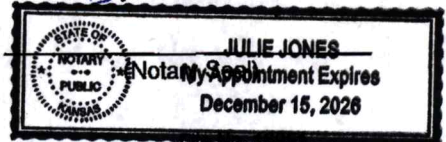
Date of Issuance: October 19, 2023

State of Kansas )  
County of Atterney ) SS

Acknowledged before me on October 19, 2023  
by Austin McColloch

Signature: Julie Jones  
Notary Public

My commission expires: \_\_\_\_\_  
Notary Appointment Expires  
**December 15, 2026**





# WELL LOG

DATE: 5/9/2023

## Downey Drilling Inc.



CUSTOMER NAME: BLUE BOTTOM, LLC

TH#1

LEGAL: SE 5-30S-30W

COUNTY: MEADE CO, KS

GPS: 37.466324

-100.624694

DRILLER: DIEGO

WO: 22-1326

| TW  | FROM | TO | TYPE                                  | HARDNESS | COLOR          | SPEED     | PULL DOWN | OTHER / DRILLING ACTION |
|-----|------|----|---------------------------------------|----------|----------------|-----------|-----------|-------------------------|
| 0   | 3    |    | TOP SOIL                              | SOFT     | DARK BROWN     | FAST      |           | SMOOTH                  |
| 3   | 9    |    | BROWN SILTY CLAY                      | SOFT     | BROWN          | FAST      |           | SMOOTH                  |
| 9   | 15   |    | WHITE SANDY CLAY                      | SOFT     | WHITE          | FAST      |           | SMOOTH                  |
| 15  | 38   |    | SANDY CLAY                            | SOFT     | TAN            | FAST      |           | SMOOTH                  |
| 38  | 56   |    | SANDY CLAY W/ CEMENTED SAND LEDGES    | FIRM     | TAN & BROWN    | FAST      |           | SMOOTH & CHOPPY @ TIMES |
| 56  | 59   |    | WHITE SANDY CLAY                      | SOFT     | WHITE          | FAST      |           | SMOOTH                  |
| 59  | 73   |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | CHOPPY                  |
| 73  | 95   |    | SANDY CLAY                            | SOFT     | LIGHT BROWN    | FAST      |           | SMOOTH                  |
| 95  | 123  |    | BROWN CLAY                            | STICKY   | BROWN          | FAST      |           | SMOOTH                  |
| 123 | 138  |    | FINE-MED-COARSE SAND W/ FINE GRAVEL   | FIRM     |                | FAST      |           | FAST CHATTER            |
| 138 | 156  |    | SANDY CLAY                            | SOFT     | LIGHT BROWN    | FAST      |           | SMOOTH                  |
| 156 | 175  |    | FINE-MED-COARSE SAND W/ FINE GRAVEL   | FIRM     |                | FAST      |           | FAST CHATTER            |
| 175 | 181  |    | SANDY CLAY                            | SOFT     |                | FAST      |           | SMOOTH                  |
| 181 | 202  |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | FAST CHATTER            |
| 202 | 207  |    | BROWN CLAY                            | SOFT     | BROWN          | FAST      |           | SMOOTH                  |
| 207 | 210  |    | FINE-MED SAND                         | FIRM     |                | FAST      |           | CHOPPY                  |
| 210 | 216  |    | BROWN CLAY                            | STICKY   | BROWN          | FAST      |           | SMOOTH                  |
| 216 | 229  |    | BLUE CLAY                             | STICKY   | BLUE           | FAST      |           | SMOOTH                  |
| 229 | 239  |    | SANDY CLAY W/ FINE-MED SAND           | FIRM     | LIGHT BROWN    | FAST      |           | SMOOTH & CHOPPY         |
| 239 | 260  |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | FAST CHATTER            |
| 260 | 265  |    | LIGHT GREEN CLAY                      | SOFT     | LIGHT GREEN    | FAST      |           | SMOOTH                  |
| 265 | 294  |    | FINE-MED SAND                         | SOFT     |                | FAST      |           | CHOPPY                  |
| 294 | 310  |    | BROWN & BLUE CLAY                     | SOFT     | BROWN & BLUE   | FAST      |           | SMOOTH                  |
| 310 | 356  |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | FAST CHATTER            |
| 356 | 367  |    | LIME ROCK W/ FINE-MED-COARSE SAND     | HARD     | WHITE          | SLOW      |           | CHATTER                 |
| 367 | 375  |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | FAST CHATTER            |
| 375 | 379  |    | CEMENTED SAND W/ FINE-MED-COARSE SAND | HARD     | BROWN          | SLOW      |           | CHATTER                 |
| 379 | 398  |    | FINE-MED-COARSE SAND                  | FIRM     |                | FAST      |           | FAST CHATTER            |
| 398 | 401  |    | WHITE SANDY CLAY                      | SOFT     | WHITE          | FAST      |           | SMOOTH                  |
| 401 | 408  |    | LIME ROCK W/ WHITE SANDY CLAY         | STIFF    | WHITE          | SEMI SLOW |           | CHATTER & SMOOTH        |
| 408 | 416  |    | LIGHT GREEN CLAY                      | SOFT     | LIGHT GREEN    | SLOW      |           | SMOOTH                  |
| 416 | 419  |    | BROWN ROCK                            | STIFF    | BROWN          | FAST      |           | CHATTER                 |
| 419 | 425  |    | YELLOW SOAPSTONE                      | SOFT     | YELLOW         | FAST      |           | VIBRATION               |
| 425 | 429  |    | BROWN ROCK W/ SOAPSTONE               | STIFF    | BROWN & YELLOW | FAST      |           | FAST CHATTER            |
| 429 | 436  |    | GREEN SOAPSTONE                       | SOFT     | GREEN          | FAST      |           | VIBRATION               |







# Century GEOPHYSICAL CORP.

BLUE BOTTOM, LLC

COMPANY : DOWNEY DRILLING INC  
WELL : BLUE BOTTOM, LL  
LOCATION/FIELD : TH#1  
COUNTY : MEADE  
LOCATION : SE  
SECTION : 5

OTHER SERVICES:

TOWNSHIP : 30S RANGE : 30W

DATE : 05/09/23  
DEPTH DRILLER : 800  
LOG BOTTOM : 602.13  
LOG TOP : 1.17

PERMANENT DATUM : GL

LOG MEASURED FROM: GL  
DRL MEASURED FROM: GL

KB :  
DF :  
GL :

CASING DIAMETER : 10.  
CASING TYPE :  
CASING THICKNESS:

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

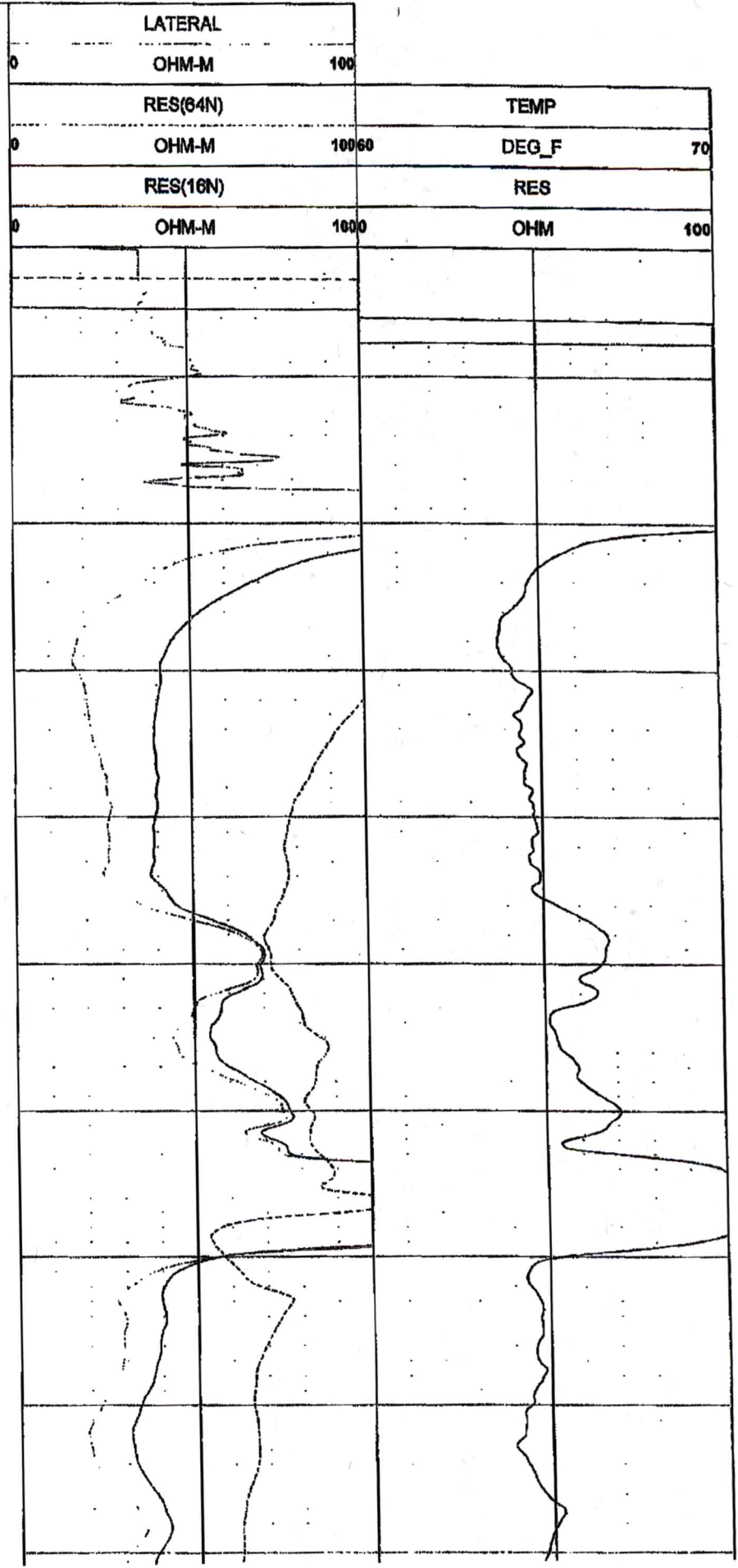
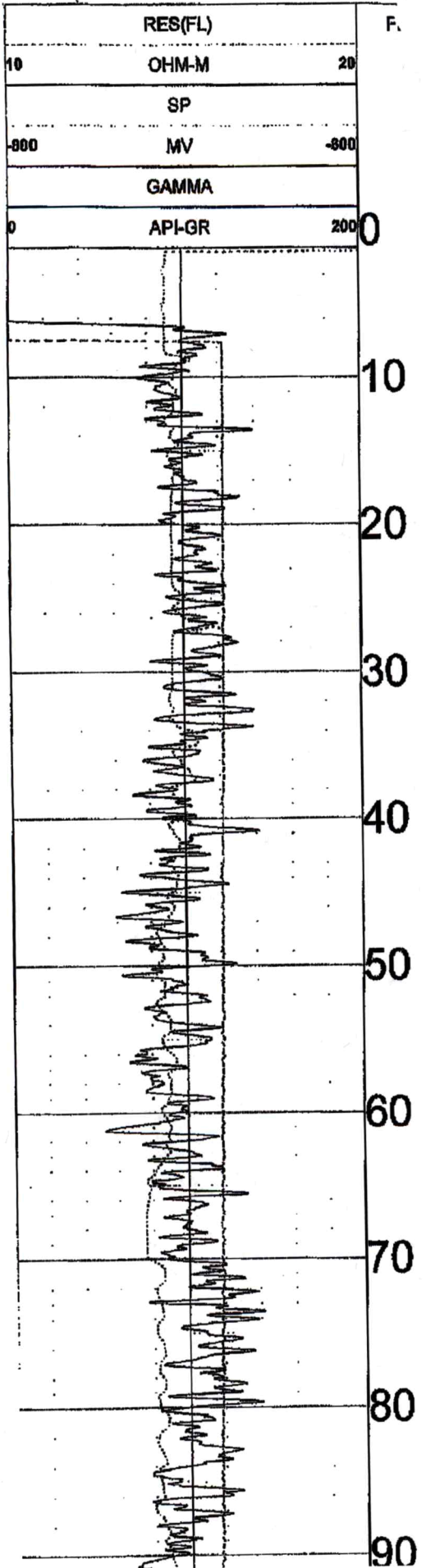
BIT SIZE : 6.25 "  
MAGNETIC DECL. : 0  
MATRIX DENSITY : 2.71  
NEUTRON MATRIX : LIMESTON

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

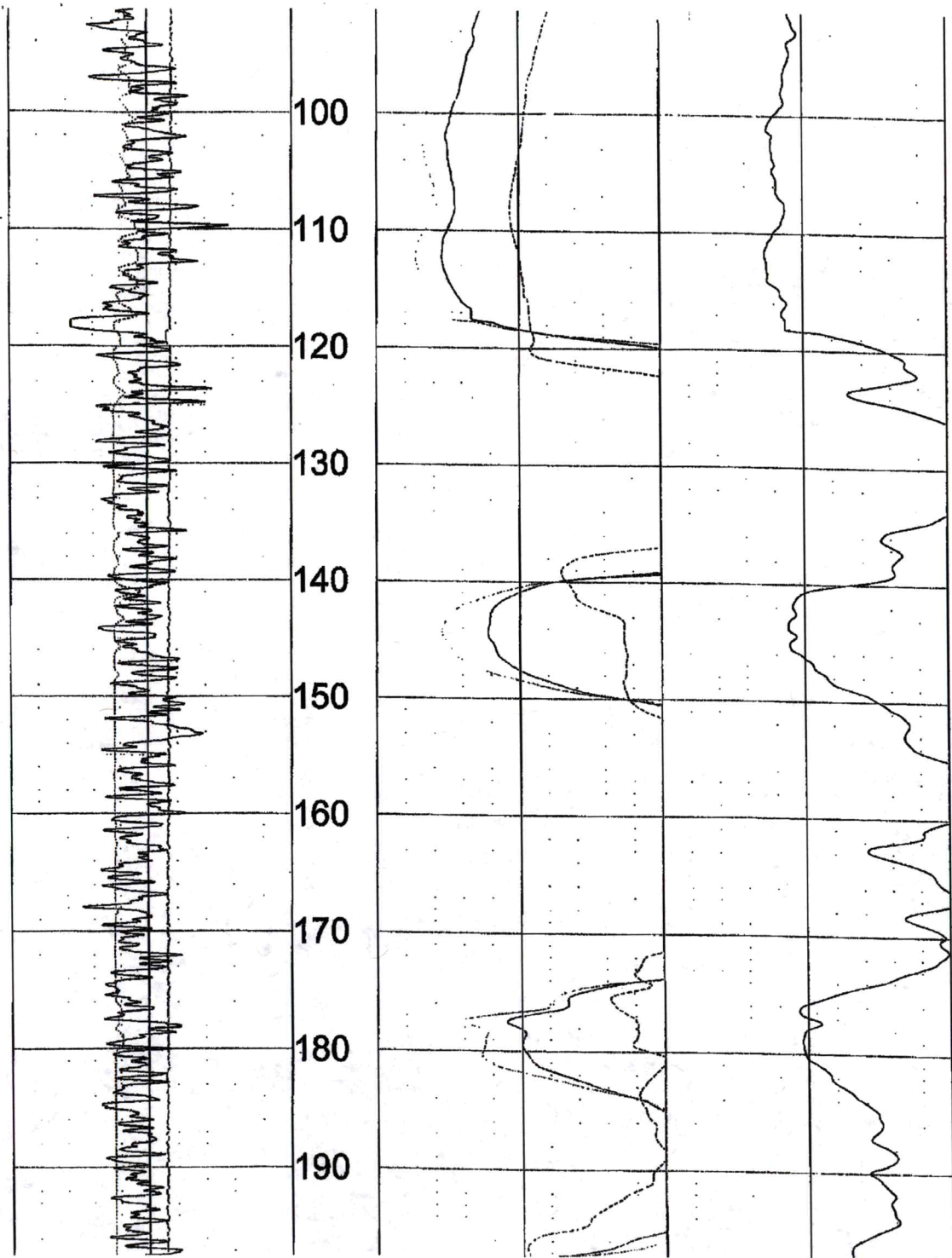
FILE : ORIGINAL  
TYPE : 8144A  
LGDATE: 05/09/23  
LGTIME : 18:57:  
THRESH: 99999

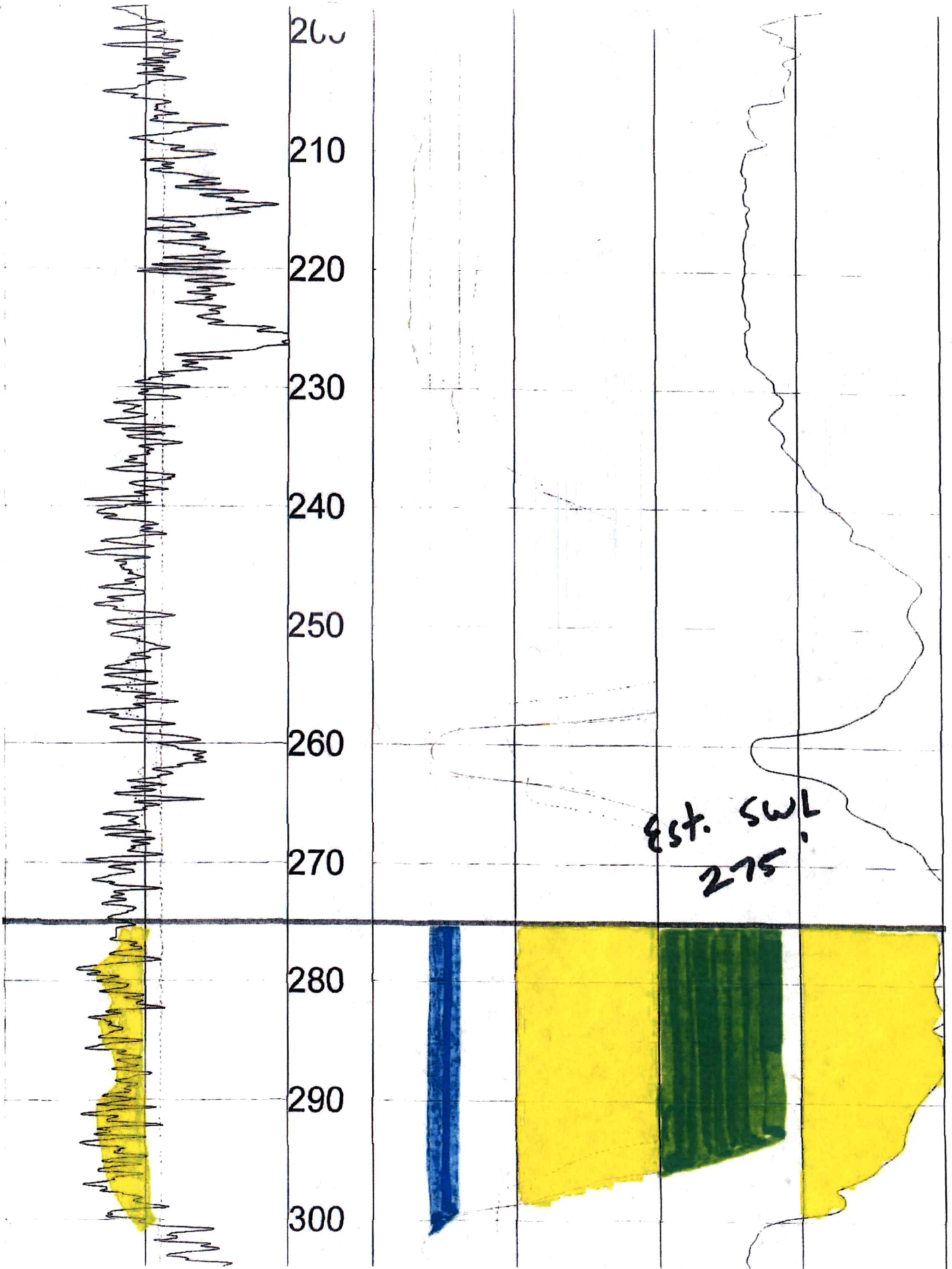
N 37.46632  
W -100.62469

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



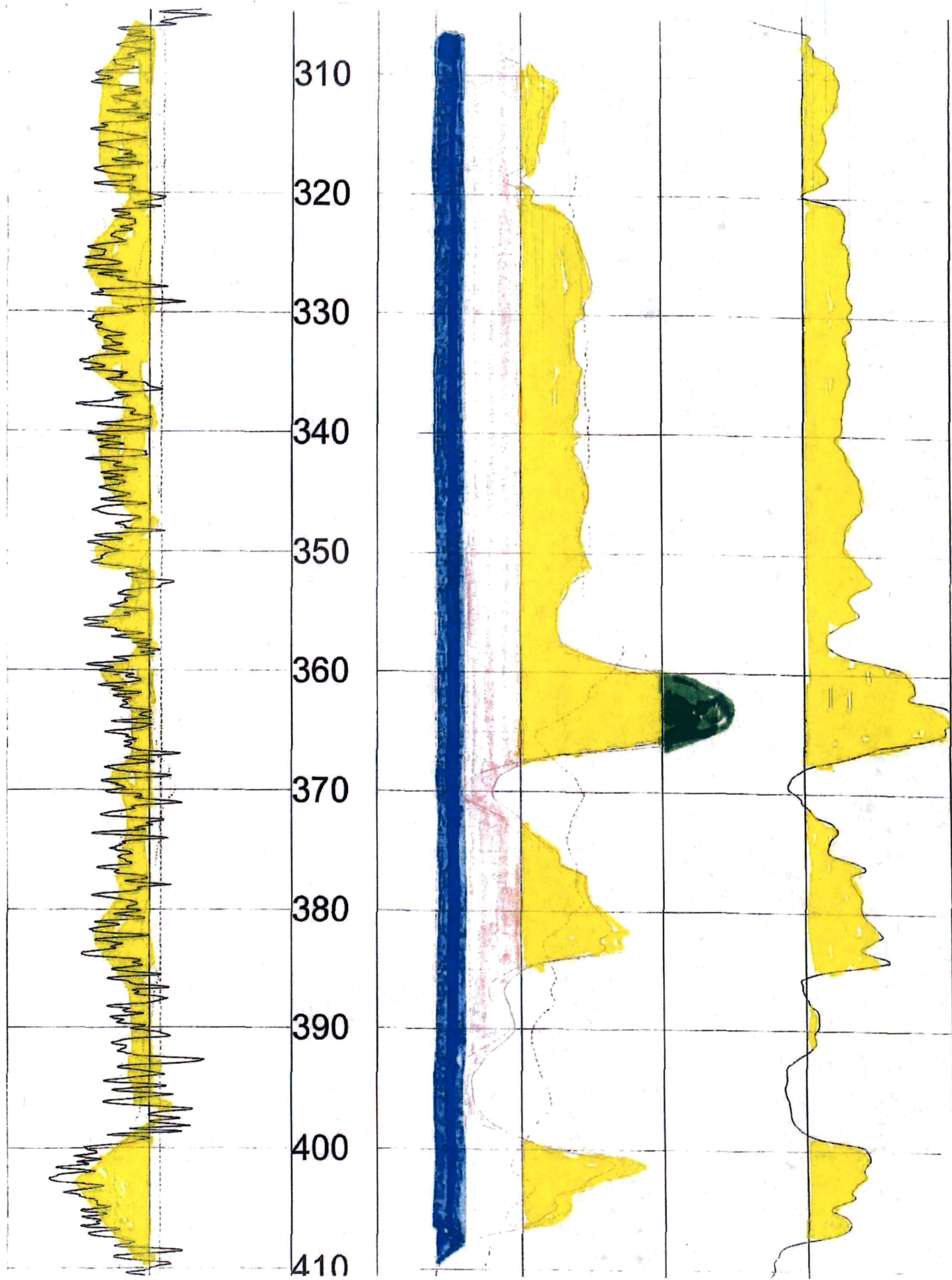


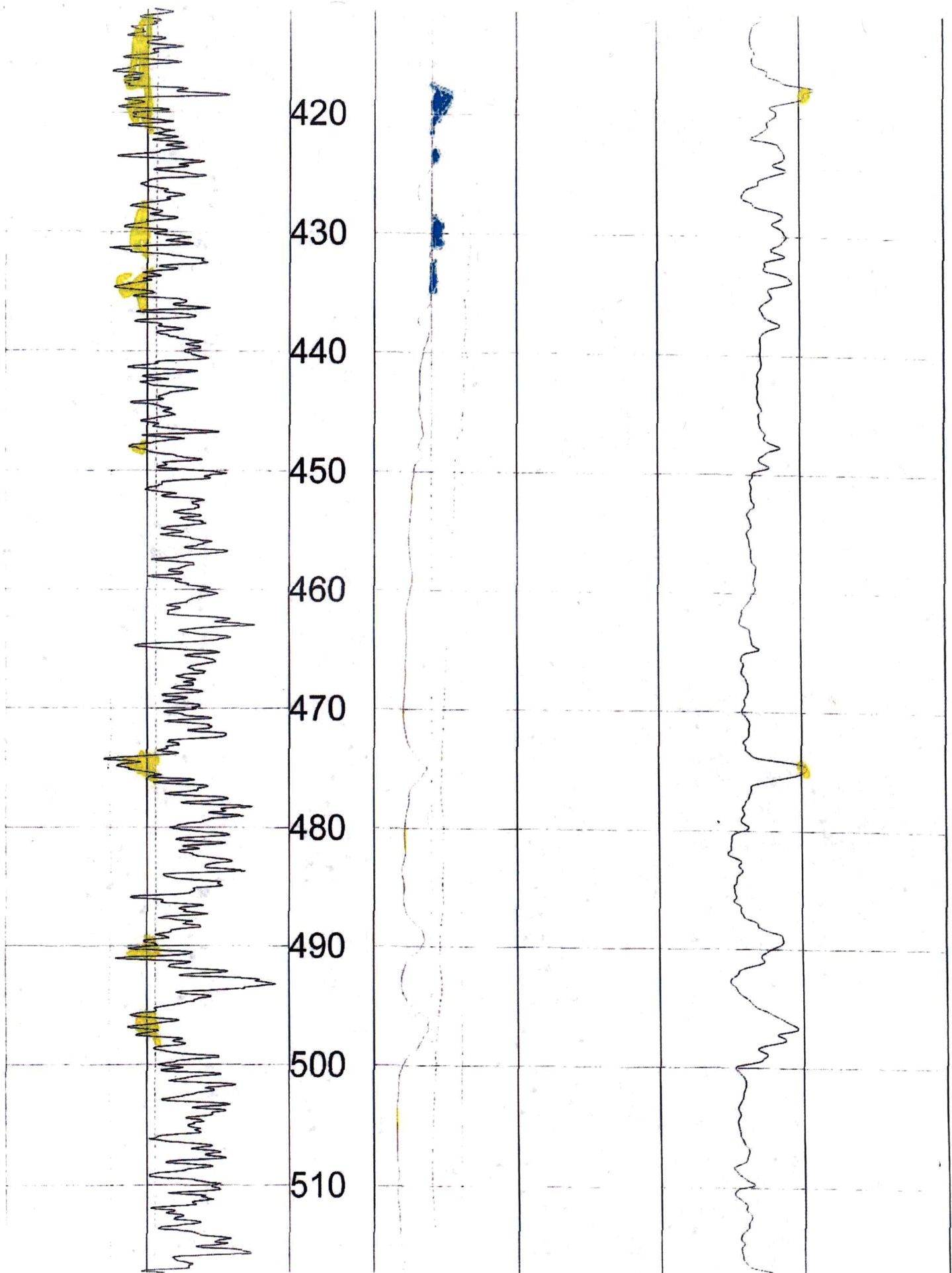




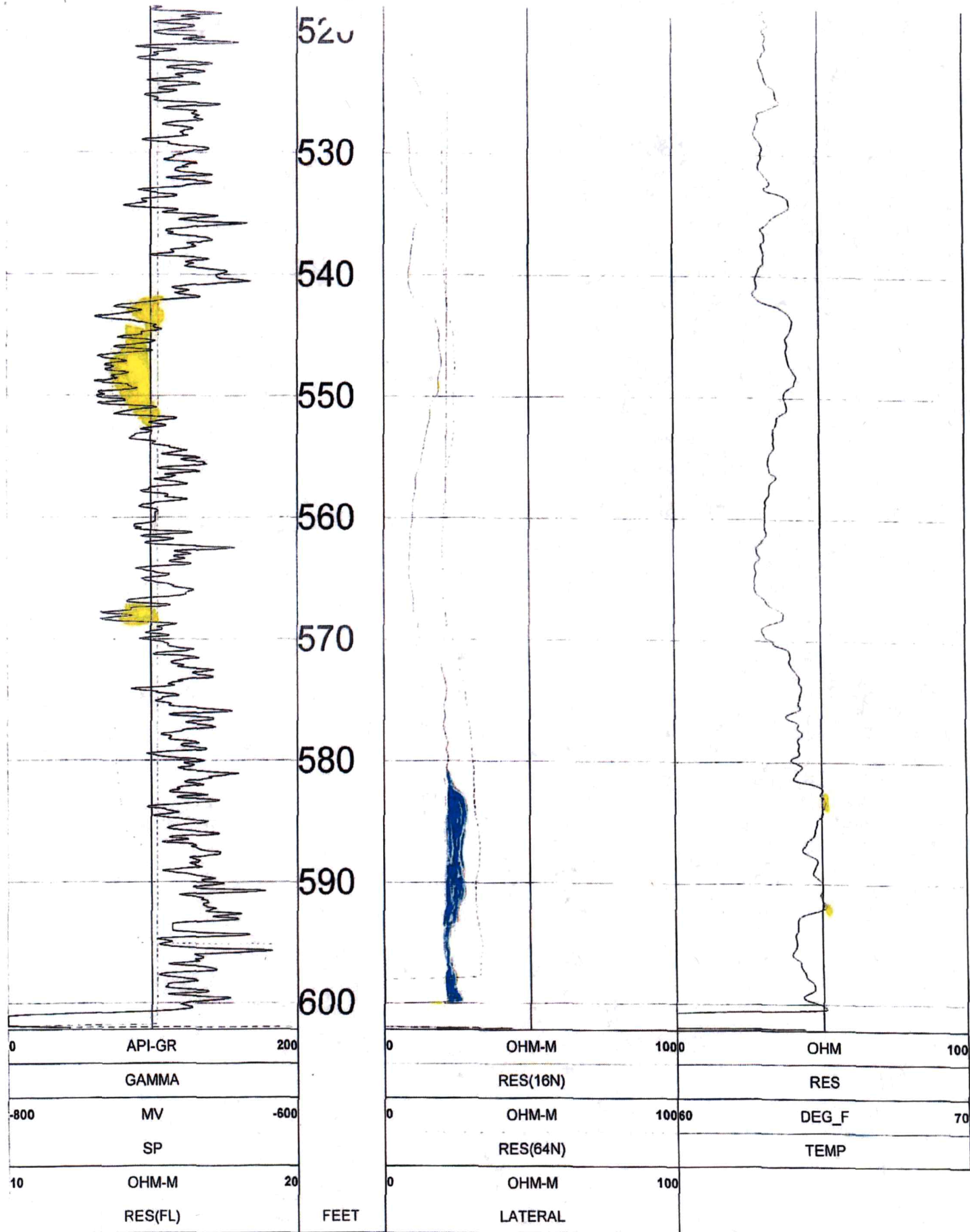
Est. SWL  
275'











TOOL CALIBRATION BLUE BOTTOM, LLC 05/09/23 18:57  
 TOOL 8144A TM VERSION 1  
 SERIAL NUMBER 366

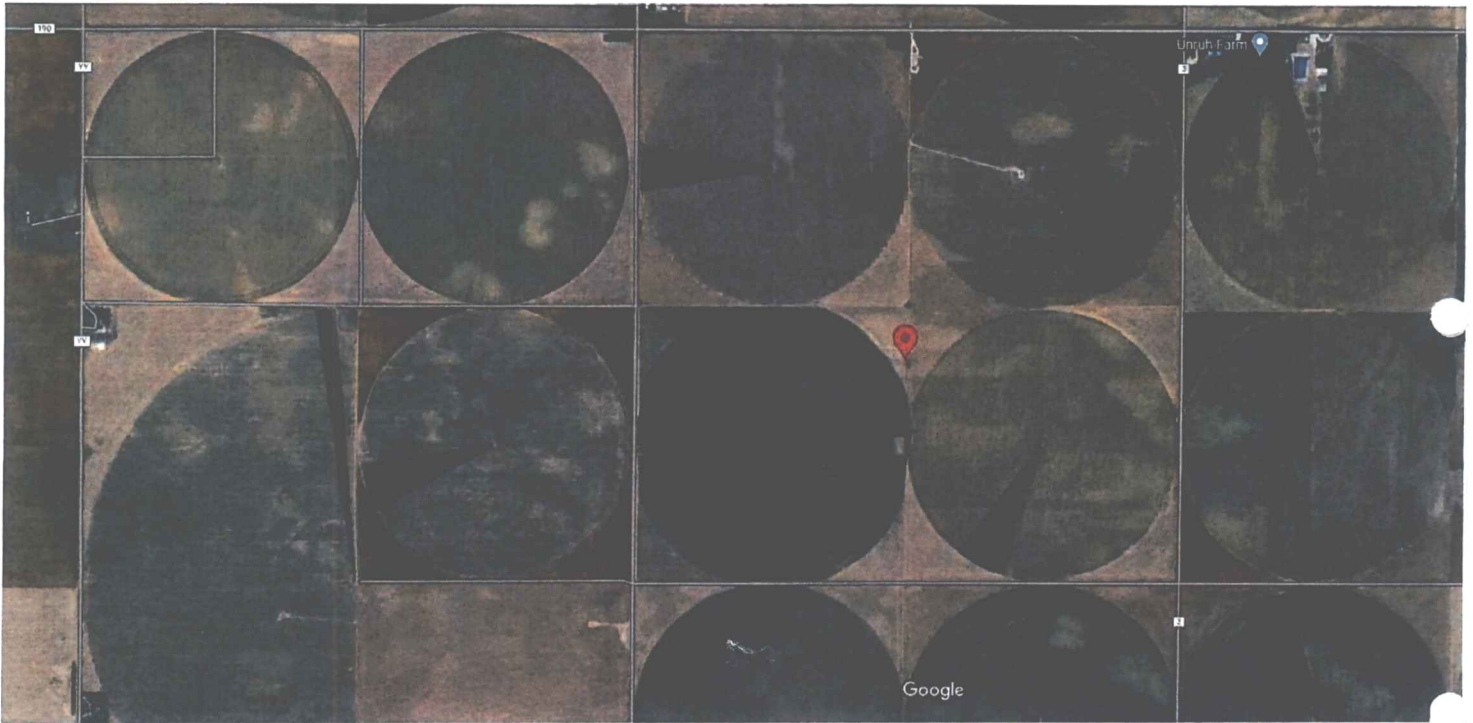
|   | DATE     | TIME     | SENSOR   | STANDARD | RESPONSE  |            |       |
|---|----------|----------|----------|----------|-----------|------------|-------|
| 1 | Feb08,18 | 07:51:35 | GAMMA    | 1.000    | [API-GR ] | 4.000      | [CPS] |
|   | Feb08,18 | 07:51:35 | GAMMA    | 340.000  | [API-GR ] | 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 ]  | 88910.000  | [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] |



12/6/22, 3:25 PM

37°27'58.1"N 100°37'30.7"W - Google Maps

Google Maps 37°27'58.1"N 100°37'30.7"W



Imagery ©2022 CNES / Airbus, Maxar Technologies, USDA/PPAC/Geo, Map data ©2022 1000 ft



37°27'58.1"N 100°37'30.7"W

[https://www.google.com/maps/place/37°27'58.1"N+100°37'30.7"W/@37.4660896,-100.6309167,2109m/data=!3m1!1e3!4m5!3m4!1s0x0:0xc47164b9914ba2c018m2!3d37.4661514d-100.6252](https://www.google.com/maps/place/37°27'58.1)



**WIMAS Water Right Information Sheet**

Water Right Information represents conditions as of 12/04/2022.

Information shown on this page depends on a water right's selected **Type(s) of Use** and point of diversion, **PD(s)**. If there are multiple uses and/or multiple points of diversion, the page will update details, quantity and rate, and reported water use depending on which entry is selected from those list boxes.

Because water rights can overlap both in points of diversion and places of use (which in turn can affect the authorized quantities and rate) AND water usage is often aggregated into a single report, **you cannot determine if a water right has reported more water use than authorized from this page only.**

|   |  |   |   |
|---|--|---|---|
| <b>Water Right</b>                                  |  |   |   |
| Water Right: 16951 - 00                             | 1 Type(s) of Use: IRR                            | 1 PD(s): 5-30S-30W 1                                | <a href="#">Google Location Map</a>     |
| <b>WWC5 Links:</b>                                  | None   | <b>WIZARD Link:</b> <a href="#">372748100371001</a> |   |
| <b>Water Right Details</b>                          |  |   |   |
| Source: G   | Right Type: A                                    | Total Acres Authorized: 480.1                       | Net Acres Authorized: 0                 |
|   |  |   | Use of Water Active: 1                  |
| Water Right Status: NK                              | Place(s) of Use: 5-30S-30W NW NW (active)        | Total Acres: 40.22                                  | Net Acres: 0                            |
| Priority Date: 02/02/1970                           | Action Trail: 02/02/1970- PENDING INITIAL REVIEW |   |   |
| <b>Point of Diversion Details</b>                   |  |   |   |
| Pd Active: 1  | Feet North: 2130                                 | Feet West: 2620                                     | Qualifiers: NW NW SE                    |
|   |  |   | County: MEADE                           |
| GMD Num: 3  | Number of Wells: 1                               | Subbasin: CROOKED CREEK                             | Stream Number:                          |
| Special Use Area(s):                                | Comment:   |   |   |
| <b>Authorized Quantity &amp; Rate</b>               |  |   |   |
| Quantity Stored By: Water Right                     | Authorized Quantity (AF): 460                    | Net Quantity (AF): 460                              |   |
| Rate Stored By: Water Right                         | Authorized Rate (GPM): 2000                      | Net Rate (GPM): 2000                                |   |
| <b>Reported Water Use</b>                           |  |   | <a href="#">Graph Water Use History</a> |
| Water Use Year(s): 2021                             | Total Water Used (AF): 257.00                    | Acres Irrigated: 125                                |   |
| Water Use Reported on Right Num:                    | Reel Number: 20                                  | Blip Number: 355                                    |   |
| Metered Quantity: 257                               | Meter Unit: 2                                    | Depth to Water:                                     | Depth of Well:                          |
| Beginning Meter Reading: 936                        | Ending Meter Reading: 193                        |   |   |
| System Type: 4                                      | Hours Pumped:                                    | Pump Rate:  | Date of Measurement:                    |
| Date Report Received: 02/14/2022                    | Chemigation Indicator: 0                         | Water Use Code: A                                   | Crop Code: 2                            |
| Current Water Use Correspondent(s): BLUE BOTTOM LLC |  |   |   |
| <a href="#">Print ASCII Report</a>                  |  |   |   |



**Disclaimer**

For information on the WRIS/WIMAS database or water right related questions, please contact the KDA-DWR at 785-564-6640. For web page or internet based comments, please contact [webadmin@kgs.ku.edu](mailto:webadmin@kgs.ku.edu). WIMAS data updated weekly.

