

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

1. File Number: 21935	2. Status Change Date: <i>11-29-2022</i>	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
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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: 11/21/2022
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8a. Landowner, applicant, New to system <input type="checkbox"/> Person ID 6475 _____ Add Seq# _____ MICHAEL A & CARLA J GREEN REV TRUST PO BOX 758 SUBLETTE, KS 67877	8c. Landowner(s) New to system <input type="checkbox"/> Person _____ Add Seq# _____
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8b. Landowner(s), New to system <input type="checkbox"/> Person ID 39063 _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
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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: **11/29/2022** By: **MAM**
 Date Entered: _____ By: _____

File No. 21935 11. County: HS Basin: CROOKED CREEK Stream: Formation Code: 211/331 Special Use:

12. Points of Diversion
 Rate and Quantity
 Authorized Additional
 Rate Quantity Rate Quantity
 gpm af gpm af Overlap PD Files

DEL 41026

ENT NWNWNW 35 29 32W 4887 5240 860 219 860 219 NONE

CHK 22822

CHK 49581

CHK 51350

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

14. Limitation: _____ af/ 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	
						NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼					
CHK 22853																										

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

November 29, 2022

MICHAEL A & CARLA J GREEN REV TRUST
PO BOX 758
SUBLETTE, KS 67877

RE: Field Office Application for Change
Water Right, File No. 21935

Dear Sir:

Enclosed is an 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 "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM:
Enclosures
pc: Petra Energy LLC

CERTIFICATE OF SERVICE

On this 29th day of November 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 21,935 dated 29th day of November 2022 was mailed postage prepaid, first class, US mail to the following:

MICHAEL A & CARLA J GREEN REV TRUST
PO BOX 758
SUBLETTE, KS 67877

pc:

PETRA ENERGY LLC
PO BOX 310
SUBLETTE KS 67877

A handwritten signature in blue ink that reads "Julie Jones". The signature is written in a cursive style and is positioned above a horizontal line.

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
 3:25pm
 NOV 21 2022

File No. 21935

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: MICHAEL GREEN

PO BOX 758 SUBLETTE, KS. 67877

Phone Number: (620)353-9487

Email address: _____

Name and address of Water Use Correspondent: MICHAEL A & CARLA J GREEN REV RUST

PO BOX 758 SUBLETTE, KS. 67877

Phone Number: (620)353-9487

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 _____ Fee \$ 100.00 TR # _____ Receipt Date 11-21-22 Check # 3051

5. **Presently authorized point of diversion:**
 One in the NW Quarter of the NW Quarter of the NW Quarter of Section 35 , Township 29 South, Range 32 W, in HASKELL County, Kansas, 5200 feet North 5200 feet West of Southeast corner of section.
 Authorized Rate 820GPM Authorized Quantity 209AF 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 _____ 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 _____

6. **Presently authorized point of diversion:**
 One in the NW Quarter of the NW Quarter of the NW Quarter of Section 35 , Township 29 South, Range 32 W, in HASKELL County, Kansas, 5000 feet North 5200 feet West of Southeast corner of section.
 Authorized Rate 860GPM Authorized Quantity 219AF Depth of well _____ (feet)
(DWR use only: Computer ID No. 2 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 NW Quarter of Section 35 , Township 29 South, Range 32 W, in HASKELL County, Kansas, 4887 feet North 5240 feet West of Southeast corner of section.
 Proposed Rate Proposed Quantity Proposed well depth (feet) 680
 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) lack of production on old PD

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

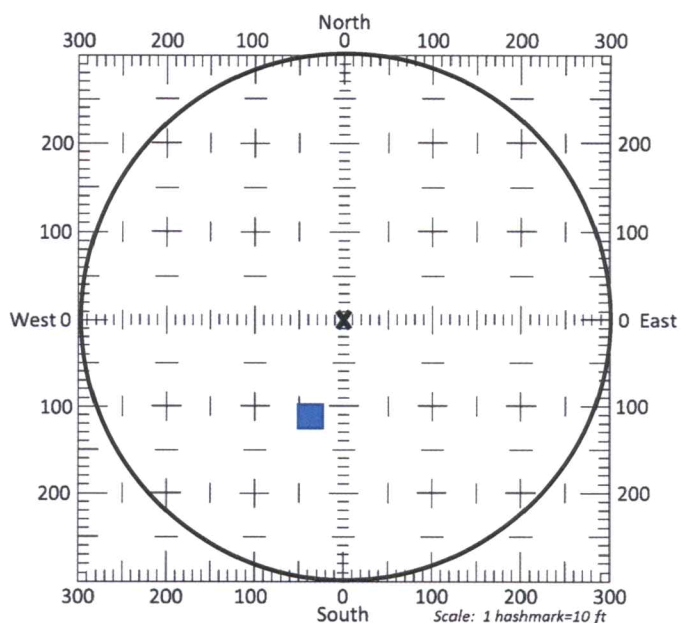
9. The change(s) (was)(will be) completed by?

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
To be plugged
 (b) When will this be done? _____

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by _____

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.)**

APPLICATION FOR APPROVAL TO CHANGE
THE PLACE OF USE AND/OR POINT OF DIVERSION
SUPPLEMENTAL SHEET
FILE NO. 21935

Presently authorized point of diversion:

One in the SW Quarter of the SW Quarter of the NE Quarter
of Section 35, Township 29 South, Range 32 W,
in HASKELL County, Kansas, 2700 feet North 2600 feet West of Southeast corner of section.
Authorized Rate 1750GPM Authorized Quantity 445AF Depth of well _____ (feet)
(DWR use only: Computer ID No. 4 GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 _____

Presently authorized point of diversion:

One in the NW Quarter of the NW Quarter of the SW Quarter
of Section 35, Township 29 South, Range 32 (E/W),
in HASKELL County, Kansas, 2350 feet North 5200 feet West of Southeast corner of section.
Authorized Rate 1600GPM Authorized Quantity 407AF Depth of well _____ (feet)
(DWR use only: Computer ID No. 3 GPS _____ feet North _____ feet West)

This point will not be changed This point will be changed as follows:

Proposed point of diversion: (Complete only if change is requested)

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 _____

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:

Proposed point of diversion: (Complete only if change is requested)

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 _____

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:

Proposed point of diversion: (Complete only if change is requested)

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 _____

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 SUBLETTE, Kansas, this 21 day of November, 2022.

<p><u>MICHAEL A. + CARLA J. GREEN REVOCABLE TRUST</u> <u>Michael Green, Trustee</u> (Owner)</p>	<p>_____ (Spouse)</p>
<p><u>MICHAEL GREEN TRUSTEE</u> (Please Print)</p>	<p>_____ (Please Print)</p>
<p>_____ (Owner)</p>	<p>_____ (Spouse)</p>
<p>_____ (Please Print)</p>	<p>_____ (Please Print)</p>
<p>_____ (Owner)</p>	<p>_____ (Spouse)</p>
<p>_____ (Please Print)</p>	<p>_____ (Please Print)</p>

State of Kansas }
 County of Haskell } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 21st day of November, 2022.



Ginger M. Orwig

 Notary Public

My Commission Expires 1-11-2025

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. 24935

1. A change application was received on November 21, 2022 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, 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

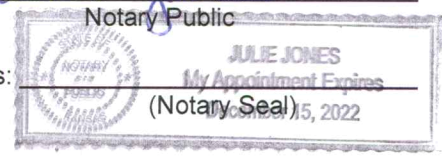
By: Michael A. Meyer
Duly Authorized Designee of the Chief Engineer
(Print Name): MICHAEL A. MEYER
Division of Water Resources - Kansas Department of Agriculture

Date of Issuance: November 29, 2022
State of Kansas)
County of Finney) SS

Acknowledged before me on November 29, 2022
by Michael A. Meyer

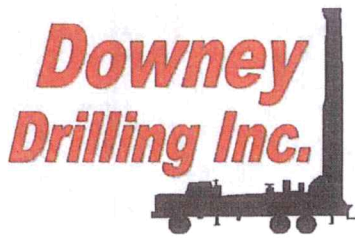
Signature: Julie Jones
Notary Public

My commission expires: _____
(Notary Seal) July 15, 2022



WELL LOG

DATE: 11/10/2022



CUSTOMER NAME: MICHAEL GREEN

TH#2

LEGAL: NW 35-29S-32W

COUNTY: HASKELL CO, KS

GPS: 37.488284

-100.79805

DRILLER: DIEGO

WO: 22-1007

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOP SOIL	SOFT	DRK BROWN	FAST		SMOOTH
	2	22	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	22	35	SANDY CLAY W/ WHITE CLAY	SOFT	WHITE	FAST		SMOOTH
	35	62	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	62	85	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	85	95	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	95	113	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	113	154	FINE-MED GRAVEL	FIRM		FAST		CHATTER
	154	157	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	157	166	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	166	17	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	17	277	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	277	286	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	286	330	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	330	335	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	335	350	FINE-MED-COARSE SAND	FIRM		FAST		CHOPPY
	350	378	FINE-MED-COARSE SAND W/ FINE GRAVEL & SANDY CLAY LEDGES	FIRM	TAN	FAST		FAST CHATTER & SMOOTH @ TIMES
	378	390	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	390	404	FINE-MED SAND W/ LIME ROCK & SANDY CLAY	FIRM	WHITE & TAN	FAST		CHOPPY
	404	425	SANDY CLAY	SOFT	TAN & WHITE	FAST		SMOOTH
	425	430	LIME ROCK	STIFF	WHITE	FAST		CHATTER
	430	440	SANDY CLAY	SOFT	WHITE	FAST		SMOOTH
	440	449	FINE SAND W/ SANDY CLAY	SOFT	TAN	FAST		VIBRATION & SMOOTH
	449	458	FINE SAND W/ BROWN ROCK & SANDY CLAY	FIRM	BROWN & TAN	FAST		FAST CHATTER
	458	496	SANDY CLAY W/ FINE SAND & BROWN ROCK TRACE	FIRM	TAN & BROWN	FAST		SMOOTH & CHOPPY
	496	510	WEATHERED CLAY	SOFT	GRAY & YELLOW	SEMI SLOW		SMOOTH
	510	565	SHALE	SOFT	BLUE	SLOW		SMOOTH
	565	567	HARD SPOT	HARD		SLOW	X	CHATTER
	567	597	FINE SAND W/ SANDSTONE & SOAPSTONE	FIRM	GRAY	FAST		FAST CHATTER
	597	616	SHALE	SOFT	BLUE	SLOW		SMOOTH
	616	665	SANDSTONE W/ FINE SAND & SOAPSTONE	STIFF	GRAY	FAST		FAST CHATTER
	665	669	GREEN CLAY	STIFF	GREEN	SLOW		CHATTER
	669	680	RED BED	HARD	RED	SLOW		CHATTER
			SUPER GEL - 6					

? STALL @ 370' ↓

MICHAEL GREEN

NW/NW 35-29S-32W HASKELL CO.

Legend

Cottonwood

180

180

M GREEN TH #1 ELEV=2900'

QQ

M GREEN TH #2 ELEV=2899'

Google Earth

1000 ft





Century GEOPHYSICAL CORP.

MICHAEL GREEN

COMPANY : DOWNEY DRILLING INC
WELL : MICHAEL GREE
LOCATION/FIELD : TH#2
COUNTY : HASKELL
LOCATION : NW
SECTION : 35

OTHER SERVICES:

TOWNSHIP : 29S RANGE : 32W

DATE : 11/10/22
DEPTH DRILLER : 680
LOG BOTTOM : 682.20
LOG TOP : 1.00

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

FILE : ORIGINAL
TYPE : 8144A
LGDATE: 11/10/22
LGTIME : 18:08:
THRESH: 99999

N 37.48828
W -100.79805

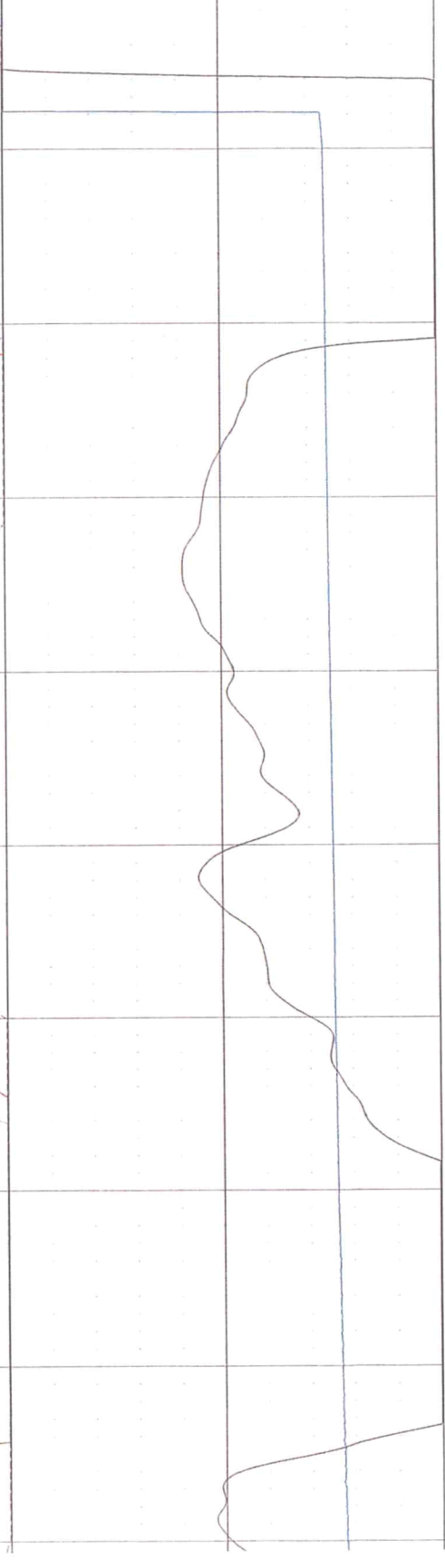
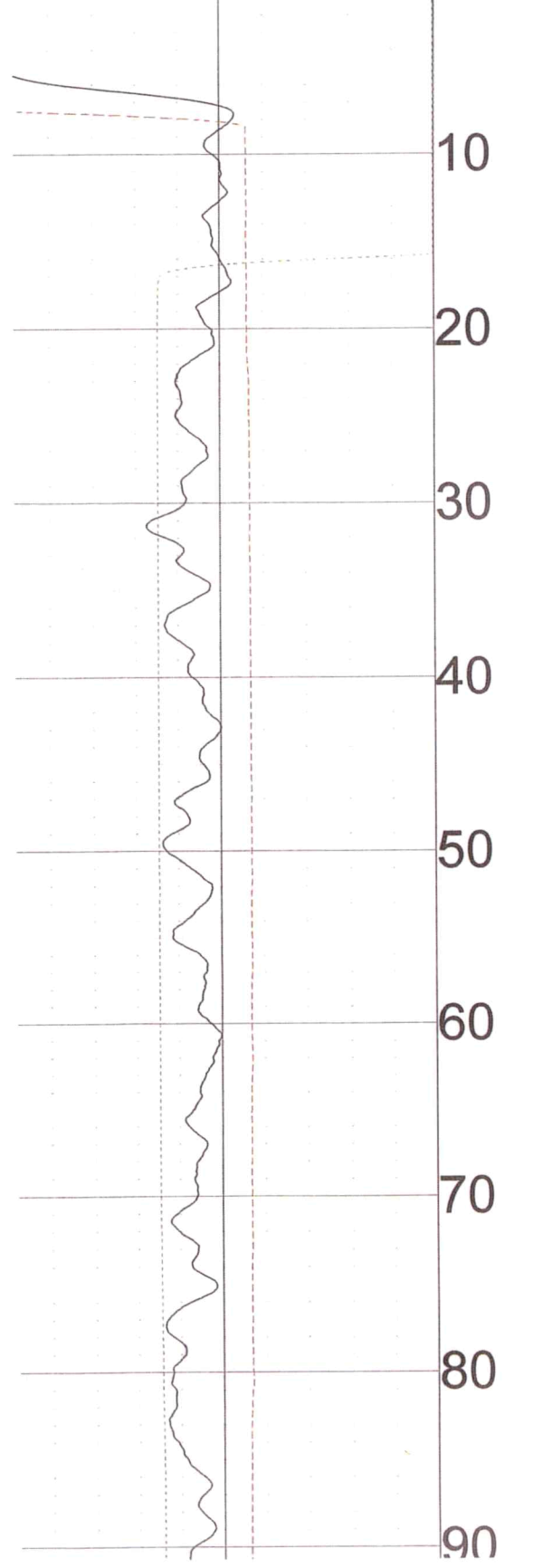
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

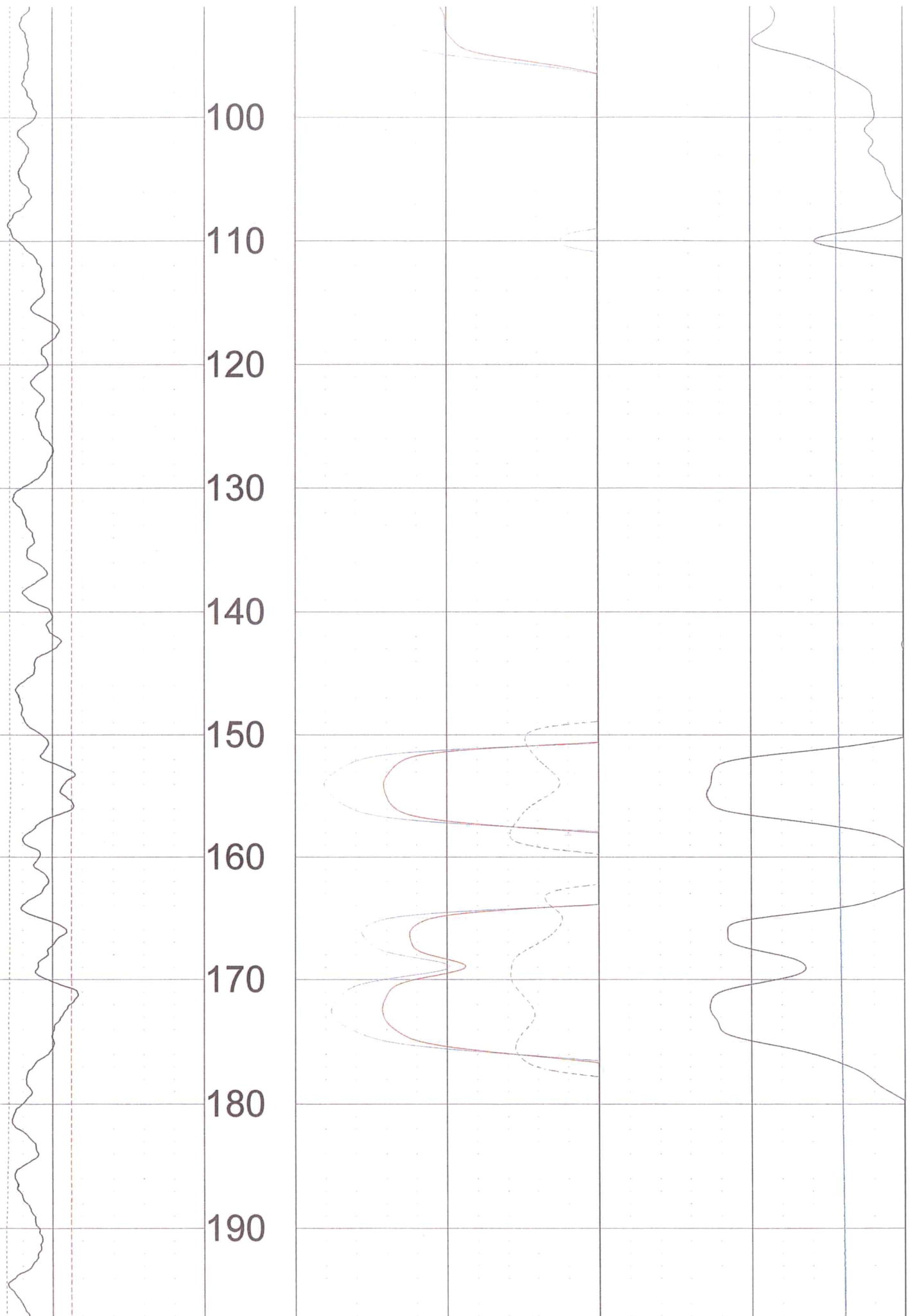
	RES(FL)	
5	OHM-M	15
	SP	
800	MV	-600
	GAMMA	
0	API-GR	200

FEET

	LATERAL	
0	OHM-M	100
	RES(64N)	
0	OHM-M	10060
	RES(16N)	
0	OHM-M	1000

	TEMP	
	DEG_F	70
	RES	
	OHM	80





100

110

120

130

140

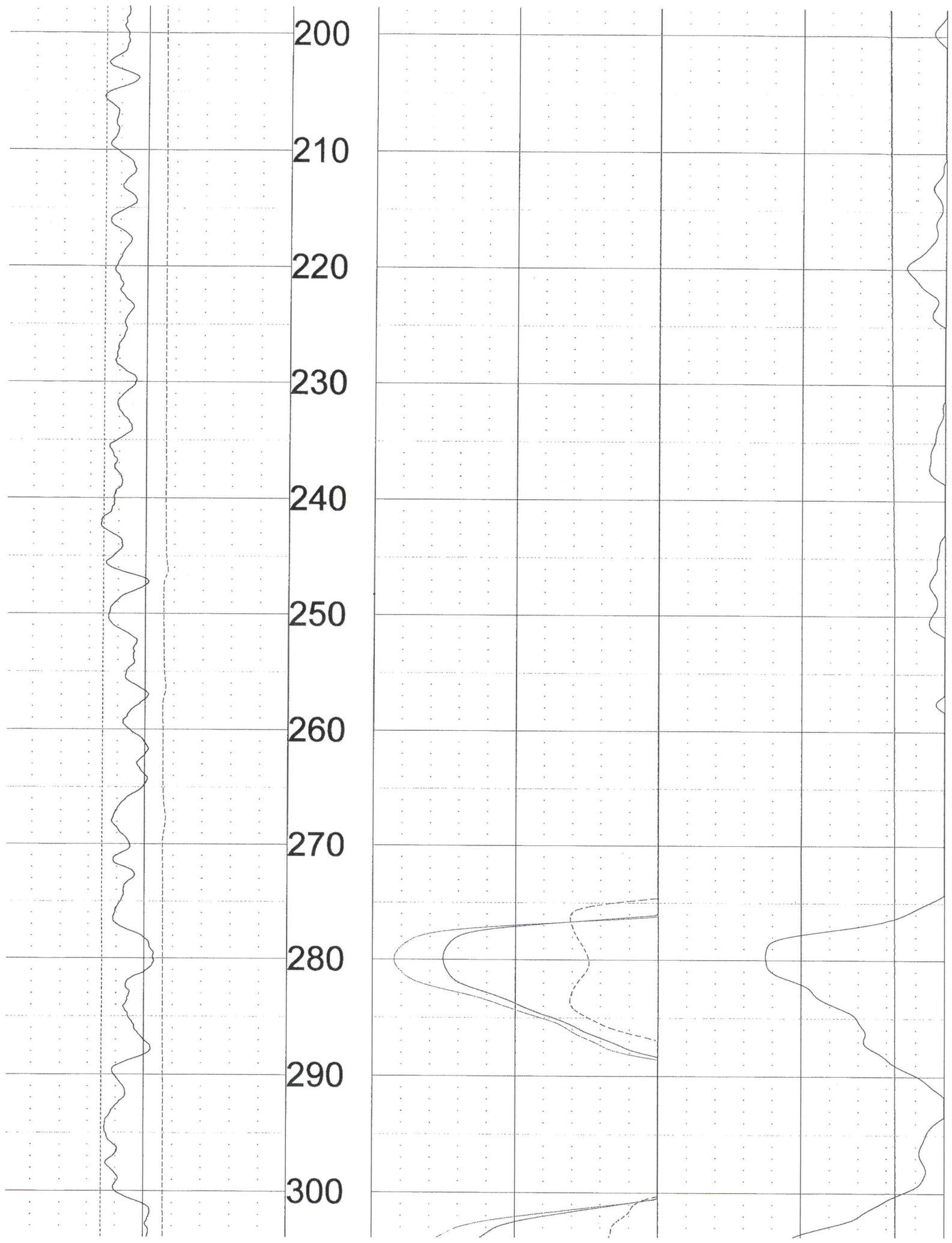
150

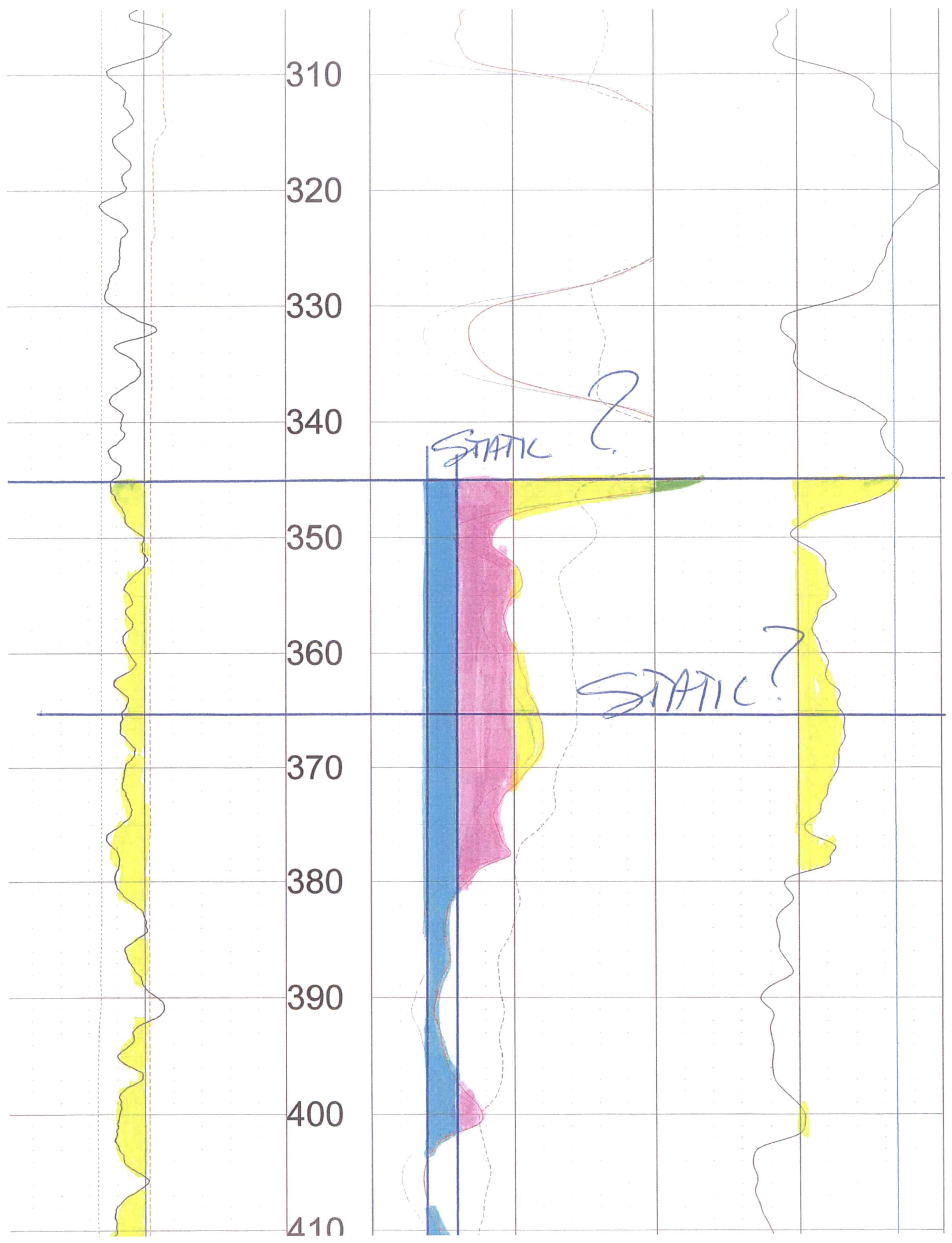
160

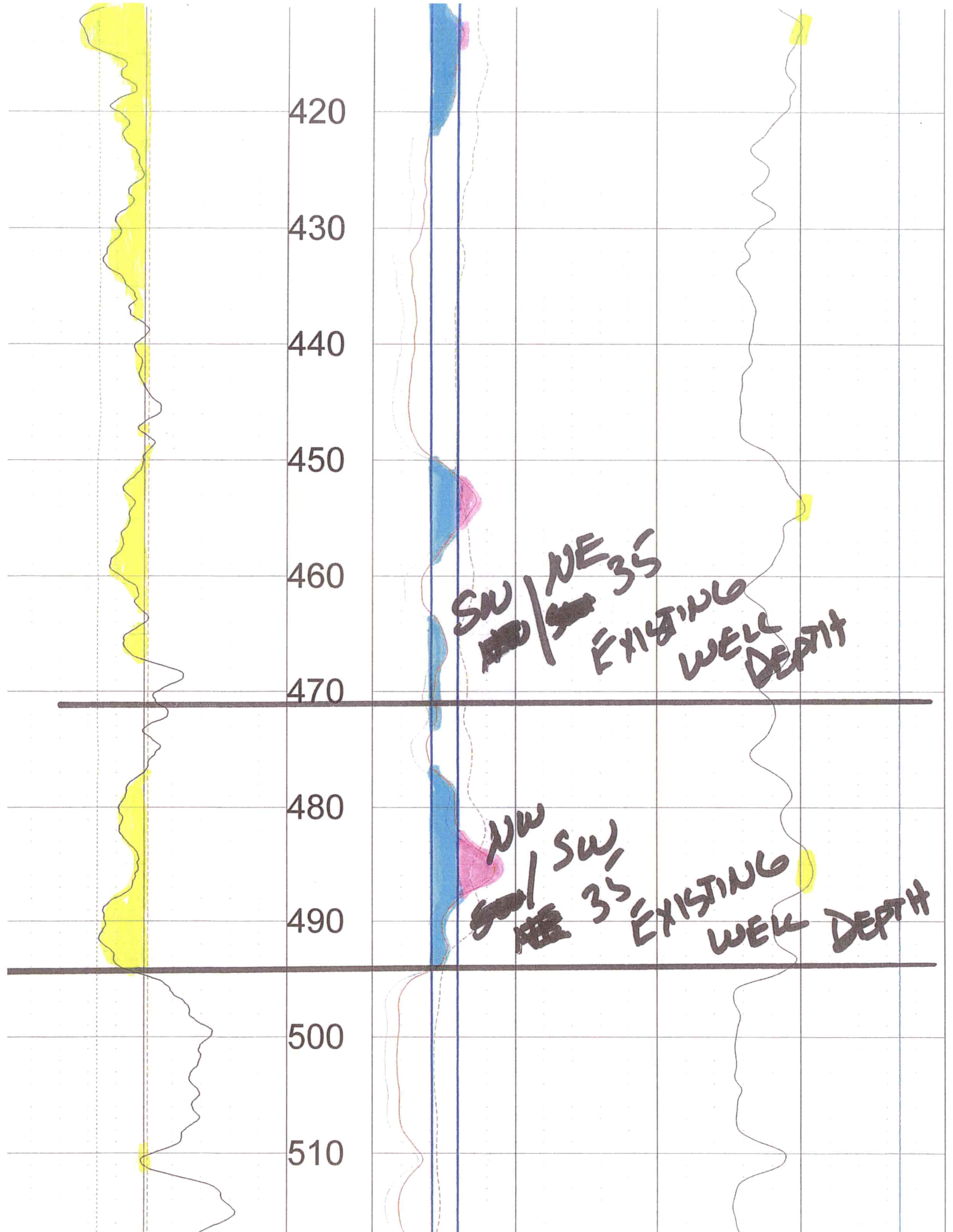
170

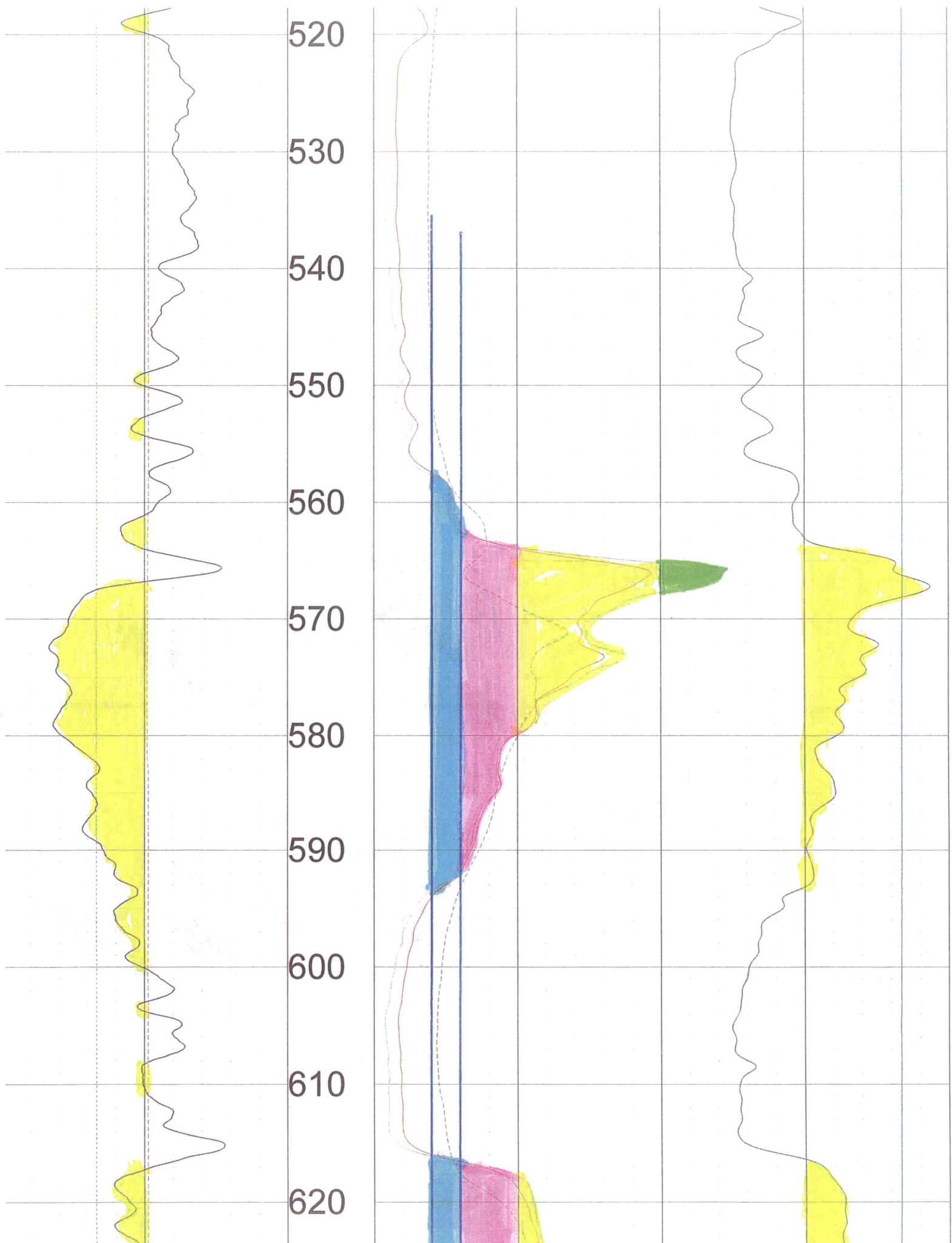
180

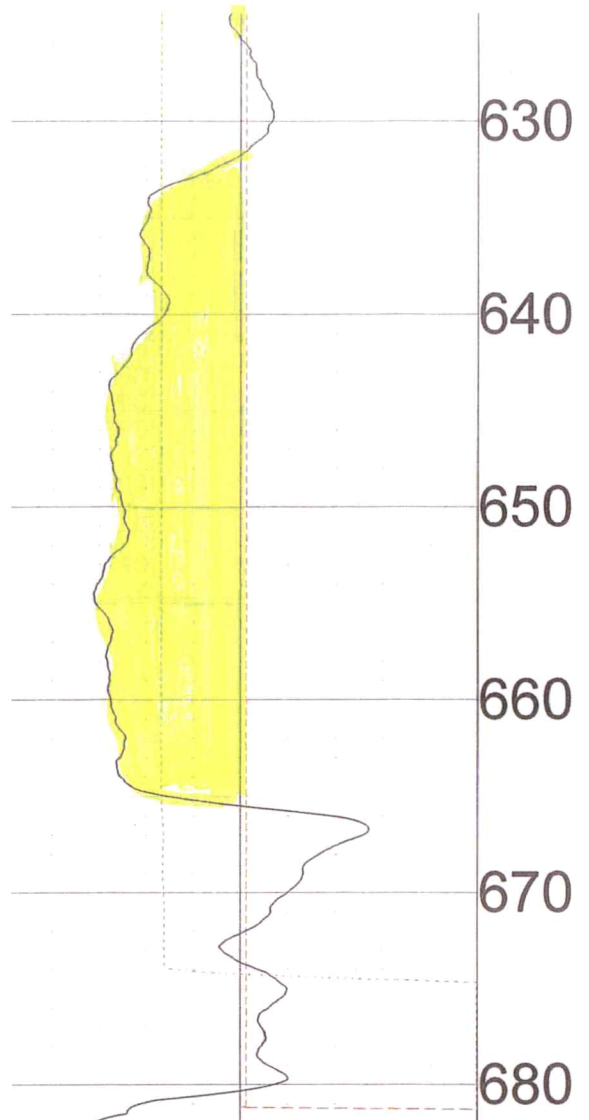
190



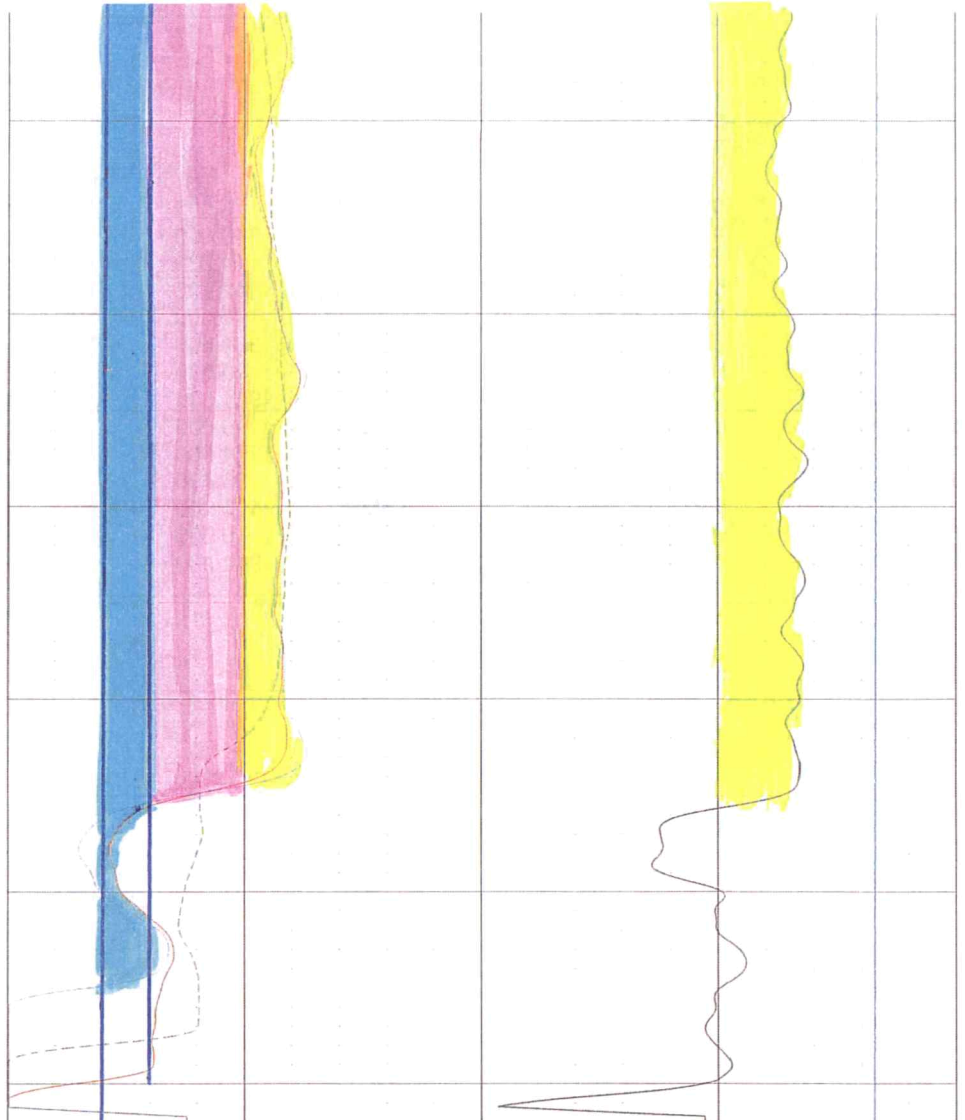








API-GR	200
GAMMA	
800 MV	-600
SP	
OHM-M	15
RES(FL)	
	FEET



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

TOOL CALIBRATION MICHAEL GREEN 11/10/22 18:08
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]