

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

1. File Number: <b>33677</b>	2. Status Change Date:	3. Change Num: <b>C3</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: <b>4/27/2023</b>
8a. Applicant(s) New to system <input type="checkbox"/>  <b>SANDYHILL ENTERPRISES LLC Attn: JACOB NEUFELD P O BOX 1005 HOLCOMB, KS 67851</b>		Person ID _____ Add Seq# _____		
8b. Landowner(s) New to system <input type="checkbox"/>  <b>8a</b>		Person ID _____ Add Seq# _____		
		8c. Landowner(s) New to system <input type="checkbox"/>  <b>JACOB NEUFELD P O BOX 1005 HOLCOMB, KS 67851</b>		
		8d. WUC New to system <input type="checkbox"/>  <b>JACOB NEUFELD P O BOX 1005 HOLCOMB, KS 67851</b>		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <b>12/31/2023</b> <input checked="" type="checkbox"/> N & P Date to Comply: <b>3/1/2024</b>				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan    Date Required: _____    Date Approved: _____    Date to Comply: _____				
10. Use Made of Water    From: _____    To: _____				
Date Prepared: <b>5/4/2023</b> By: <b>AM</b> Date Entered: _____    By: _____				

File No. **33677**      11. County: FI      Basin: **ARKANSAS RIVER**      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 37856**  
**ENT SE NW NE 15 26S 34W 4065 1955 1000 260 1000 260 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				
<b>CHK 17330</b>																									
<b>CHK 33972</b>																									
<b>CHK 39162</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

May 5, 2023

SANDYHILL ENTERPRISES LLC  
Attn: JACOB NEUFELD  
P O BOX 1005  
HOLCOMB, KS 67851

RE: Filed Office Application for Change  
Water Right, File No. 33677

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 5<sup>th</sup> day of May, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 33,677 dated 5<sup>th</sup> day of May, 2023 was mailed postage prepaid, first class, US mail to the following:

SANDYHILL ENTERPRISES LLC  
Attn: JACOB NEUFELD  
P O BOX 1005  
HOLCOMB, KS 67851

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.

File No. 33677

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: SANDYHILL ENTERPRISES LLC ATTN: JACOB NEUFELD

P O BOX 1005 HOLCOMB KS 67851

Phone Number: (620) 271-8283                      Email address: jacob@jandapartnership.com

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: SAME ASA BOVE - NO CHNAGE

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES		
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼			

4. If this application is for a change in place of use, it is proposed that the place of use be changed to:

Owner of Land --- NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

(If there is more than one landowner, attach supplemental sheets as necessary.)

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				

**For Office Use Only:** Code \_\_\_\_\_ Fee \$ 100.00 TR # \_\_\_\_\_ Receipt Date 4-27-23 Check # 1270

**RECEIVED**  
 12:00 PM  
**APR 27 2023**  
 Garden City Field Office  
 Division of Water Resources

5. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ NC \_\_\_\_\_ Quarter of the \_\_\_\_\_ NE \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_ 15 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 34 \_\_\_\_\_ (W),  
 in FINNEY \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 3960 \_\_\_\_\_ feet North \_\_\_\_\_ 1005 \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. 02 GPS 4022 feet North 1672 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 \_\_\_\_\_ SE \_\_\_\_\_ Quarter of the \_\_\_\_\_ NW \_\_\_\_\_ Quarter of the \_\_\_\_\_ NE \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_ 15 \_\_\_\_\_, Township \_\_\_\_\_ 26 \_\_\_\_\_ South, Range \_\_\_\_\_ 34 \_\_\_\_\_ (W),  
 in FINNEY \_\_\_\_\_ County, Kansas, \_\_\_\_\_ 4065 \_\_\_\_\_ feet North \_\_\_\_\_ 1955 \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

6. **Presently authorized point of diversion:**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well \_\_\_\_\_ (feet)  
**(DWR use only: Computer ID No. \_\_\_\_\_ GPS \_\_\_\_\_ feet North \_\_\_\_\_ feet West)**  
 This point will not be changed  This point will be changed as follows:  No change, point better described with GPS as follows:  
**Proposed point of diversion: (Complete only if change is requested or if existing point is better described by GPS)**  
 One in the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter of the \_\_\_\_\_ Quarter  
 of Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_ (W),  
 in \_\_\_\_\_ County, Kansas, \_\_\_\_\_ feet North \_\_\_\_\_ feet West of Southeast corner of section.  
 Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) \_\_\_\_\_  
 This point is:  Additional Well  Geo Center List other water rights that will use this point \_\_\_\_\_

7. The changes herein are desired for the following reasons?  
 (please be specific) LOSS OF PRODUCTION

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

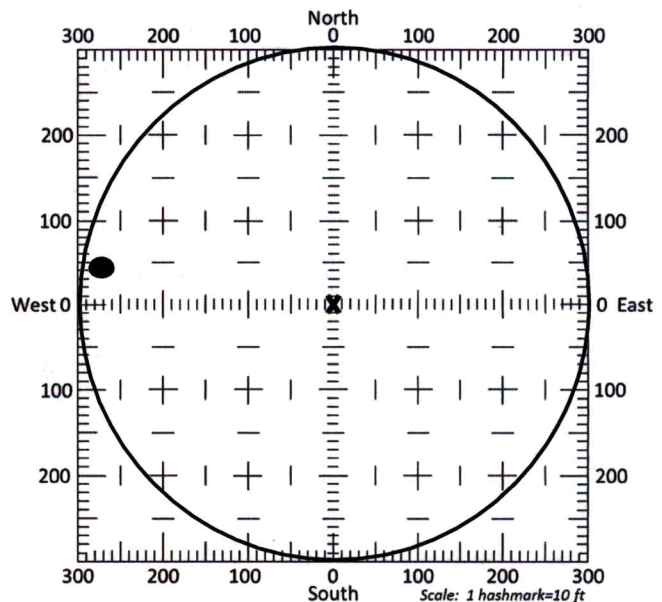
9. The change(s) (was)(will) be completed by?  
AS SOON AS POSSIBLE

10. If the point of diversion is a well:  
 (a) What are you going to do with the old well?  
PLUG / CAP  
 (b) When will this be done? UPON COMPLETION

11. Groundwater Management District recommendation attached?  
 Yes  No

12. Assisted by AM / 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 Harden City, Kansas, this 27<sup>th</sup> day of April, 20 23.

[Signature]  
\_\_\_\_\_  
(Owner)

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

Jacob Neufeld  
\_\_\_\_\_  
(Please Print)

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

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

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

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

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

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


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

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

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

State of Kansas }  
County of Finney } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 27<sup>th</sup> day of April, 20 23.

My Commission Expires 

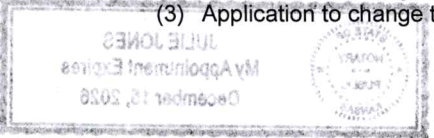
[Signature]  
\_\_\_\_\_  
Notary Public

**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



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 Garden City, Kansas, this 3<sup>rd</sup> day of May, 2023.

	<u>Aganetha Newfeld</u> (Spouse)
(Owner)	(Please Print)
	<u>Aganetha Newfeld</u> (Spouse)
(Please Print)	(Please Print)
(Owner)	(Spouse)
(Please Print)	(Please Print)

State of Kansas }  
 County of Stinson } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 3<sup>rd</sup> day of May, 2023.



My Commission Expires \_\_\_\_\_

Julie Jones  
Notary Public

**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. 33677.

- A change application was received on April 27, 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.
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- The completed well log shall be submitted with the required notice.  Applicable  Not Applicable
- 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
- Additional Conditions are attached.  Yes  No
- 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: May 5, 2023

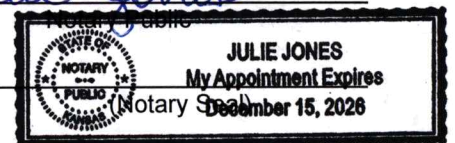
State of Kansas )  
County of Stinson ) SS

Acknowledged before me on May 5, 2023

by Austin McColloch

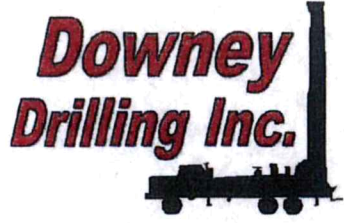
Signature: Julie Jones

My commission expires: December 15, 2026



# WELL LOG

DATE: 03/06/2019



CUSTOMER NAME: JACOB NEUFELD TH #2

LEGAL: NE 15-26S-34W

COUNTY: FINNEY CO.

GPS: 37.791400 37° 47' 28" N

-101.023539 101° 1' 25" W

ELEV = 2960'

DRILLER:

WO:

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION	
	0	24	TOP SOIL, FINE SAND	SOFT	TAN	FAST		SMOOTH	
	24	57	SANDY CLAY	TIGHT	TAN	SLOW		SMOOTH	
	57	154	MED-C SAND, F-MED GRAVEL, TR. COARSE GRAVEL	SOFT	RED	FAST		FAST CHATTER/ CHOPPY	
	154	160	MED-C SAND W/ SANDY CLAY	SOFT	TAN	FAST		CHATTER	
	160	197	MED-C SAND, F-MED GRAVEL, TR. COARSE GRAVEL	SOFT	RED	FAST		FAST CHATTER	
	197	221	SANDY CLAY W/ F-MED SAND, TR. MED-COARSE GRAVEL	SOFT	TAN/ RED	FAST		SMOOTH/ SLIGHT CHATTER	
	225	300	MED-COARSE SAND, F-MED GRAVEL	SOFT	RED	FAST	20	FAST CHATTER	
	300	365	SANDY CLAY W/ MED-C SAND LAYERS	SOFT	TAN/ RED	FAST	32	SMOOTH/ CHOPPY	
	365	393	CLAY	SOFT	TAN	NOT AS FAST		SMOOTHER	
	393	411	SANDY CLAY W/ FINE SAND, TR. BROWN ROCK LAYERS	SOFT	TAN/ RED	FAST	11	SMOOTH/ SLIGHT CHATTER	
	411	475	FINE SAND W/ BROWN ROCK W/ FEW CLAY SHALE STRINGERS	SOFT	BROWN	FAST	32	SOME CHATTER	
	475	480	LIGHT GRAY SHALE	SOFT	GREY	FAST		SMOOTH	
			TRIP OUT. CHANGE TO PDC BIT AT 480'						
	480	495	LIGHT GRAY SHALE, TR. RED SHALE LENSES	DENSER	GRAY/RED	SLOWER		SMOOTH	
	495	515	FINE SAND W/ TR. SHALE	SOFTER	GRAY	NOT AS SLOW	7	SEMI-SMOOTH	
	515	544	SHALE & CLAY	DENSER	DARK GRAY	SLOW		SMOOTH	
	544	560	FINE SAND, TR. MED SAND	SOFTER	GRAY	FASTER	14	SOME CHATTER	
	560	620	DARK OILY SHALE	DENSER	DARK	SLOW		SMOOTH	
							118		
			12 BAGS OF QUIKGEL						
			1 BAG OF SODA ASH						
			2 GALLONS OF EZ MUD						
			2 LOADS OF WATER						


TEST HOLE #12


ESI SWH 280'

**G-101**

Sandy Acres

**Legend**

 Location of Irrigation Well

N 37.791400 W 101.023534 

Neufeld G-101 

Google Earth

1000 ft



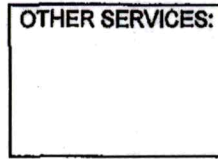


# Century GEOPHYSICAL CORP.

JACOB NEUFELD

COMPANY : DOWNEY DRILLING INC  
WELL : JACOB NEUFELD  
LOCATION/FIELD : TEST HOLE # 2  
COUNTY : FINNEY  
LOCATION : ~~NEUFELD~~ KS  
SECTION : 15

OTHER SERVICES:



TOWNSHIP : 26S RANGE : 34W

DATE : 03/06/19  
DEPTH DRILLER : 620  
LOG BOTTOM : 621.6  
LOG TOP : -0.4

PERMANENT DATUM : GL

KB :  
DF :  
GL :

LOG MEASURED FROM: GL  
DRL MEASURED FROM: GL

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CASING TYPE :  
CASING THICKNESS:

LOGGING UNIT : DON  
FIELD OFFICE : DDI  
RECORDED BY :

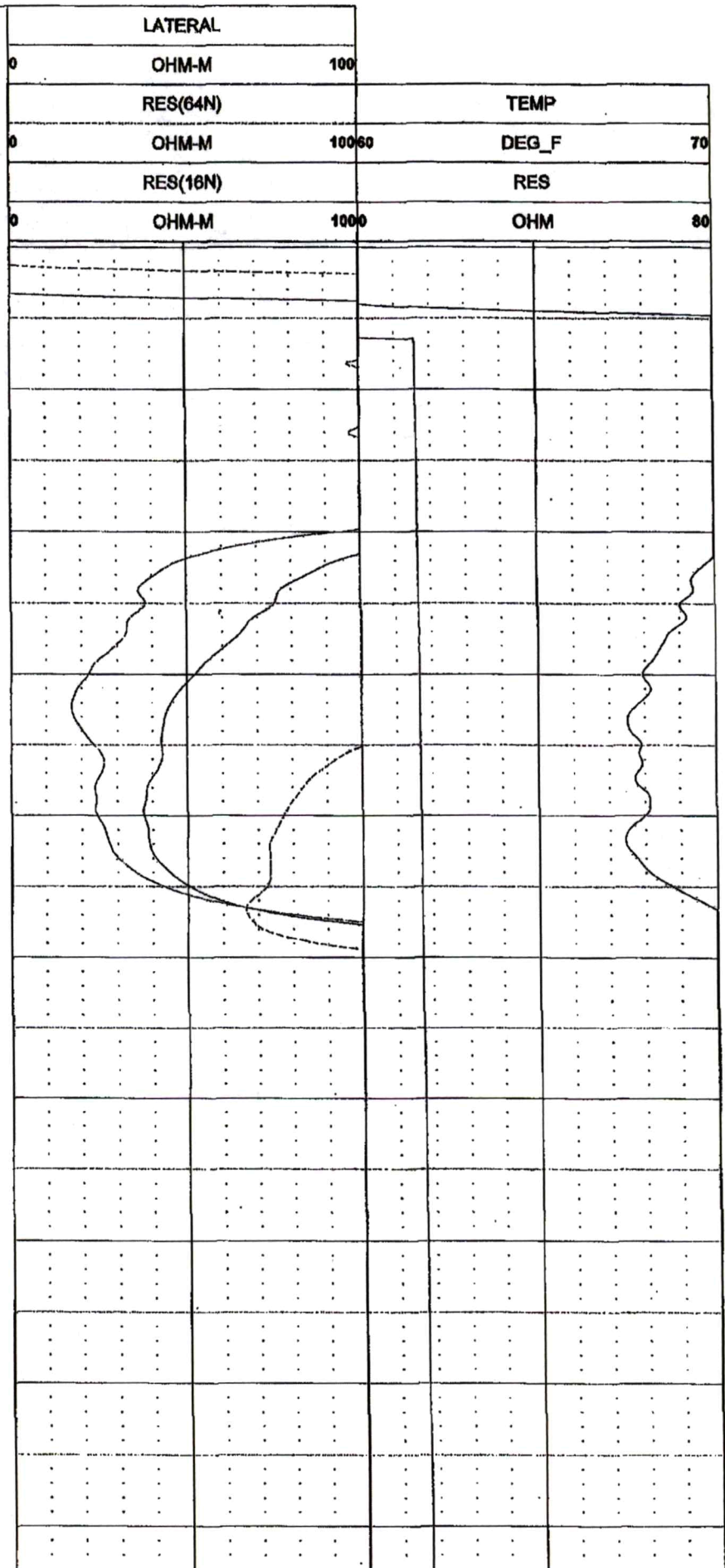
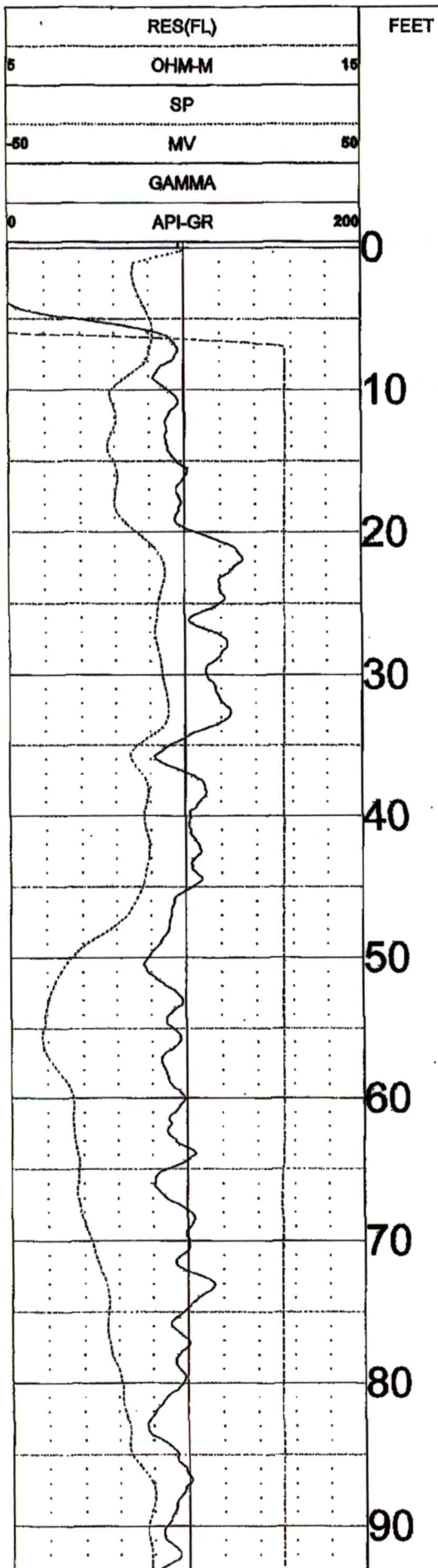
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MATRIX DENSITY : 2.71  
NEUTRON MATRIX : LIMESTON

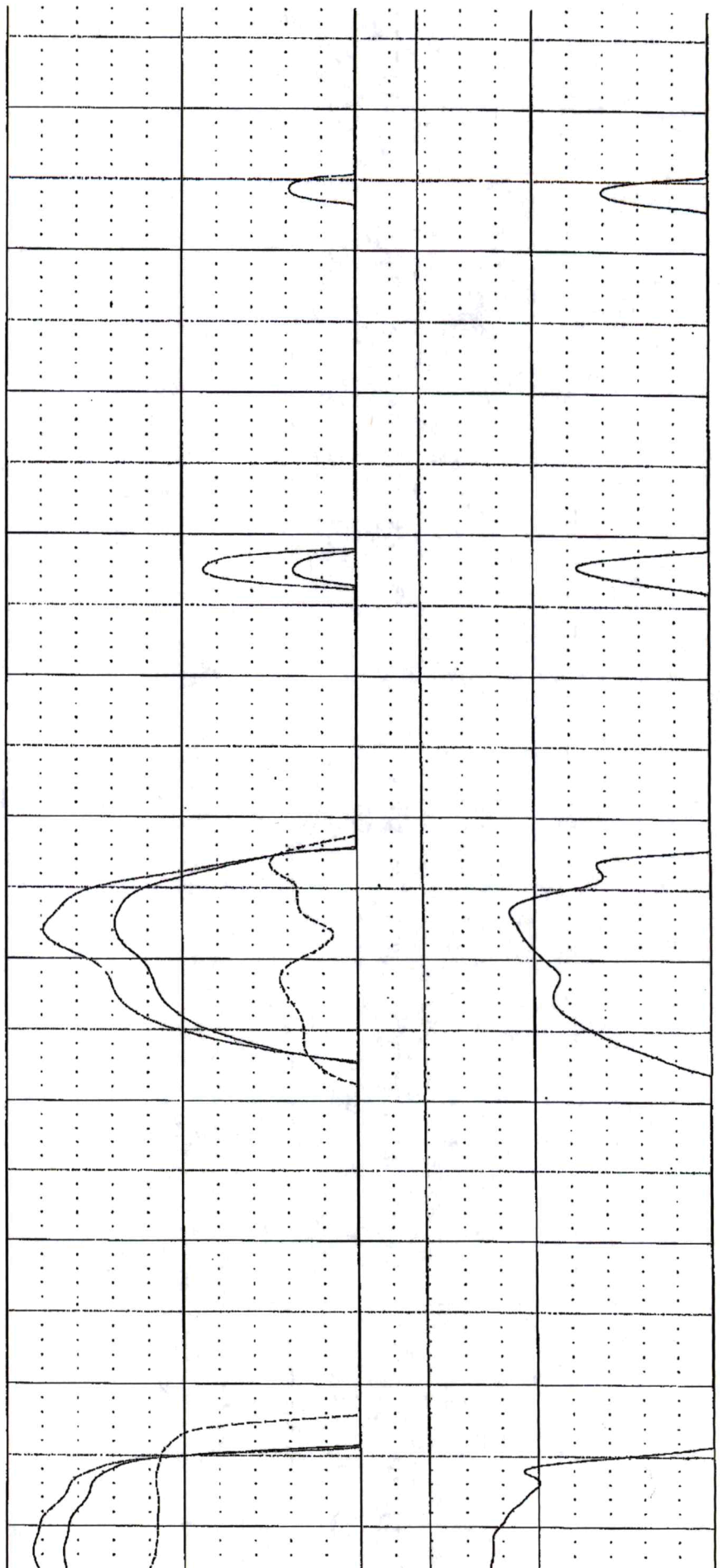
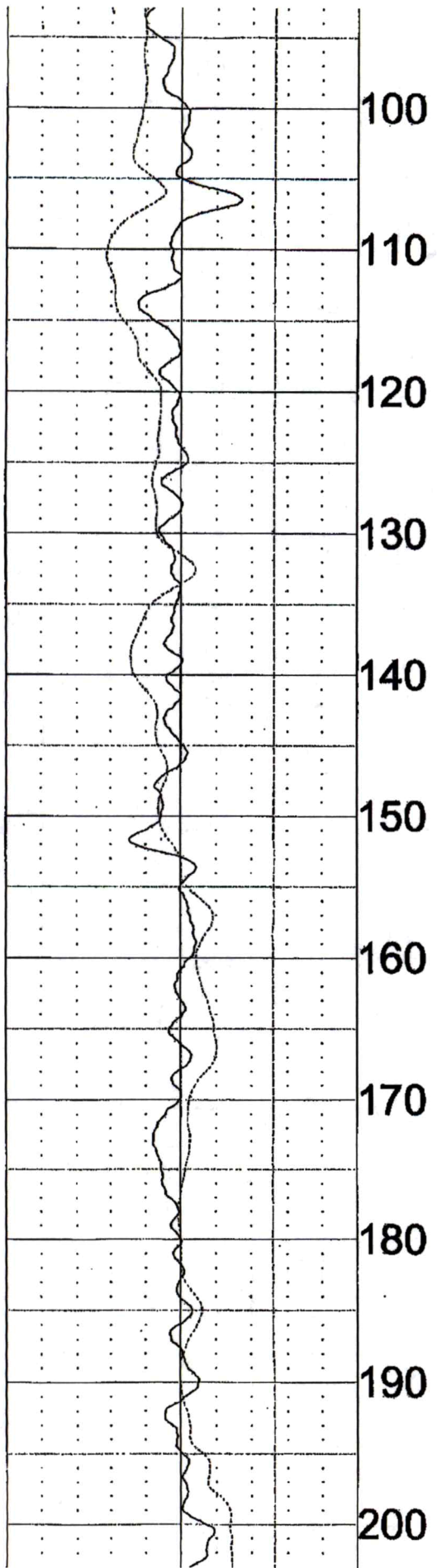
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RM TEMPERATURE :  
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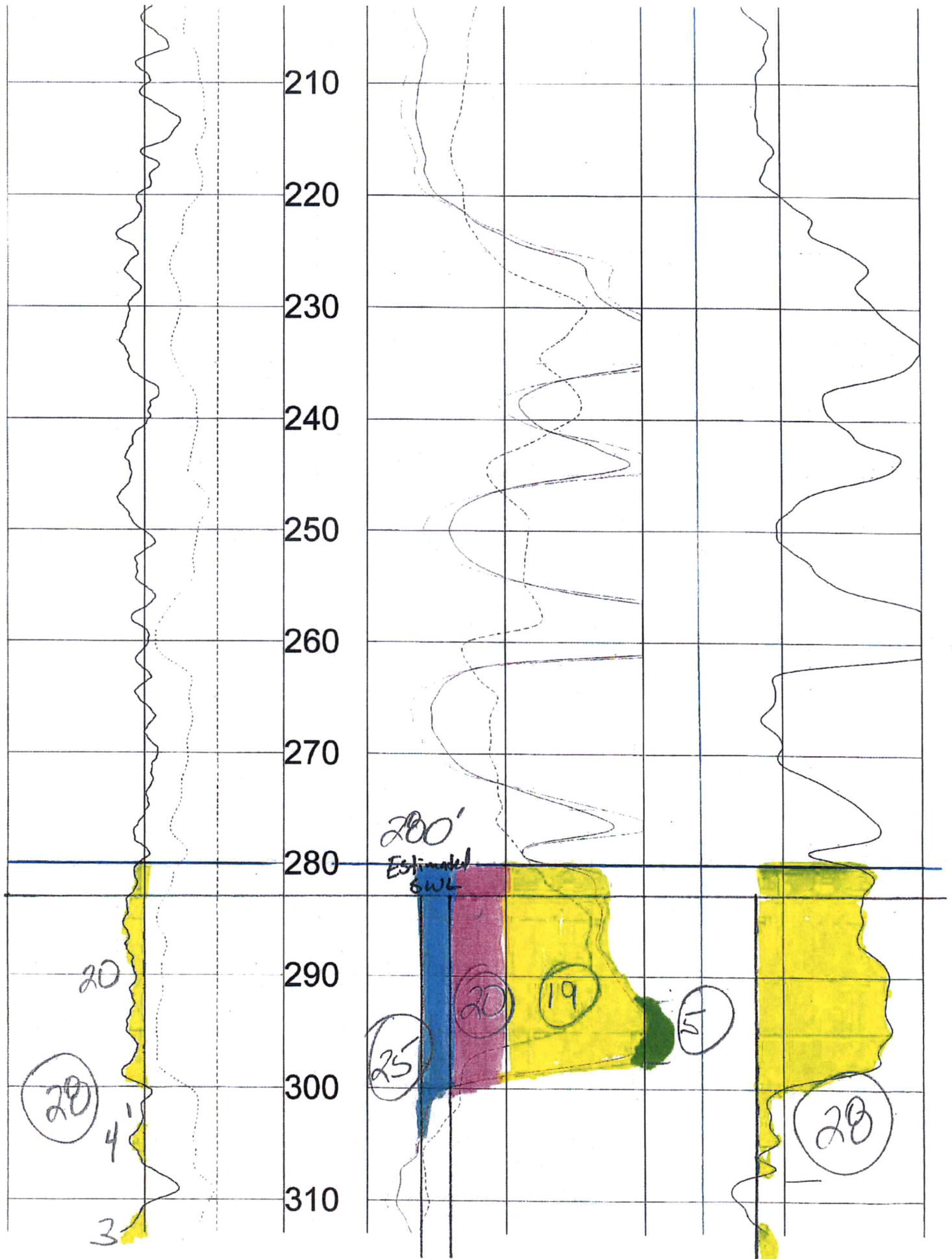
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LGDATE: 03/06/19  
LGTIME : 22:06:  
THRESH: 99999

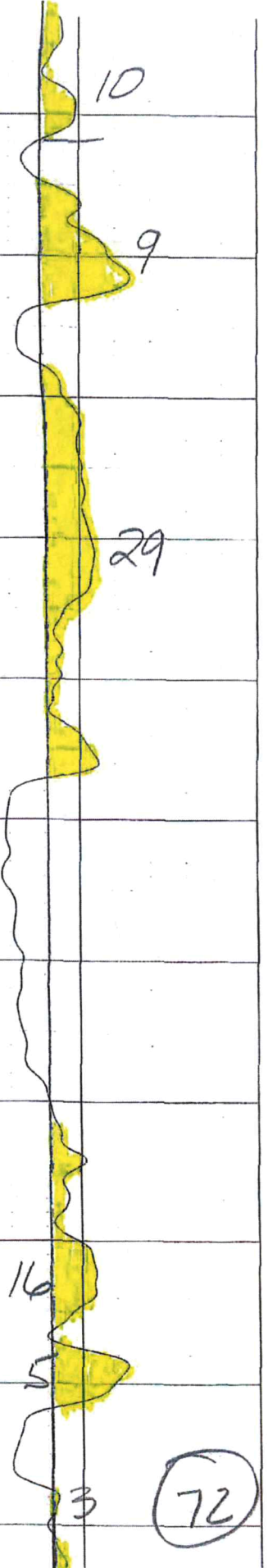
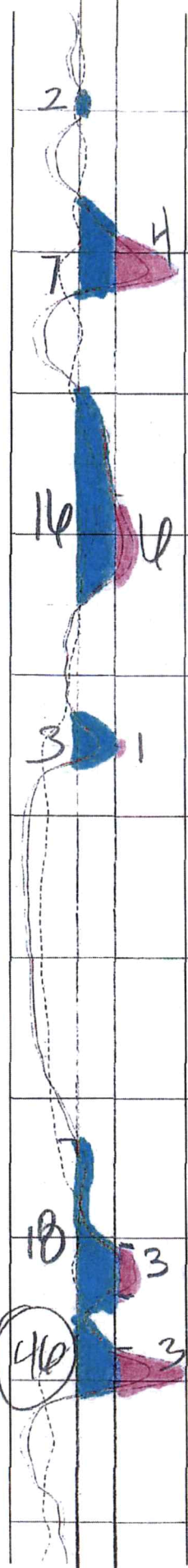
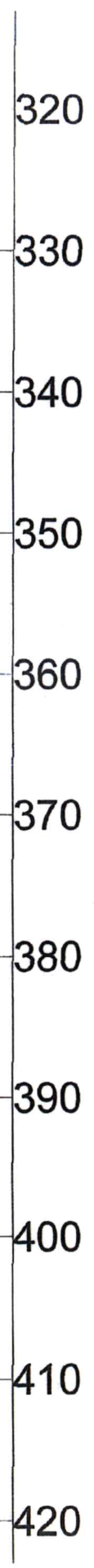
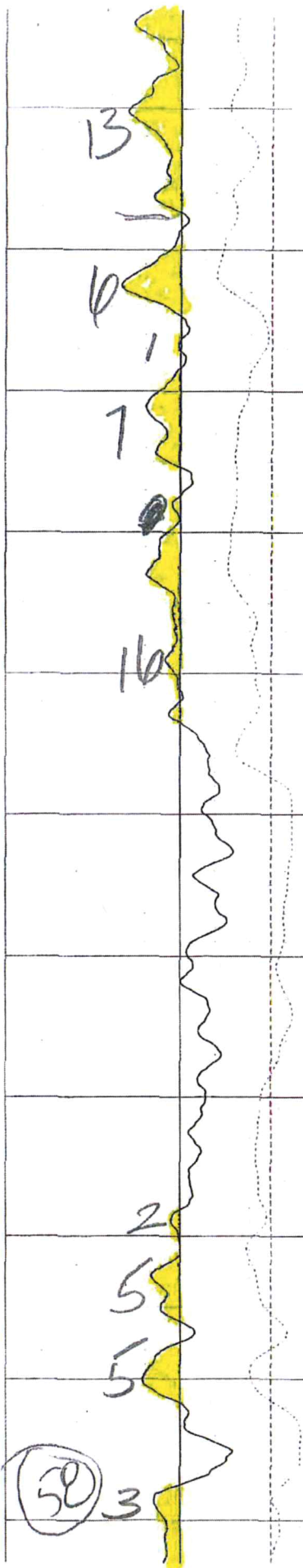
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ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

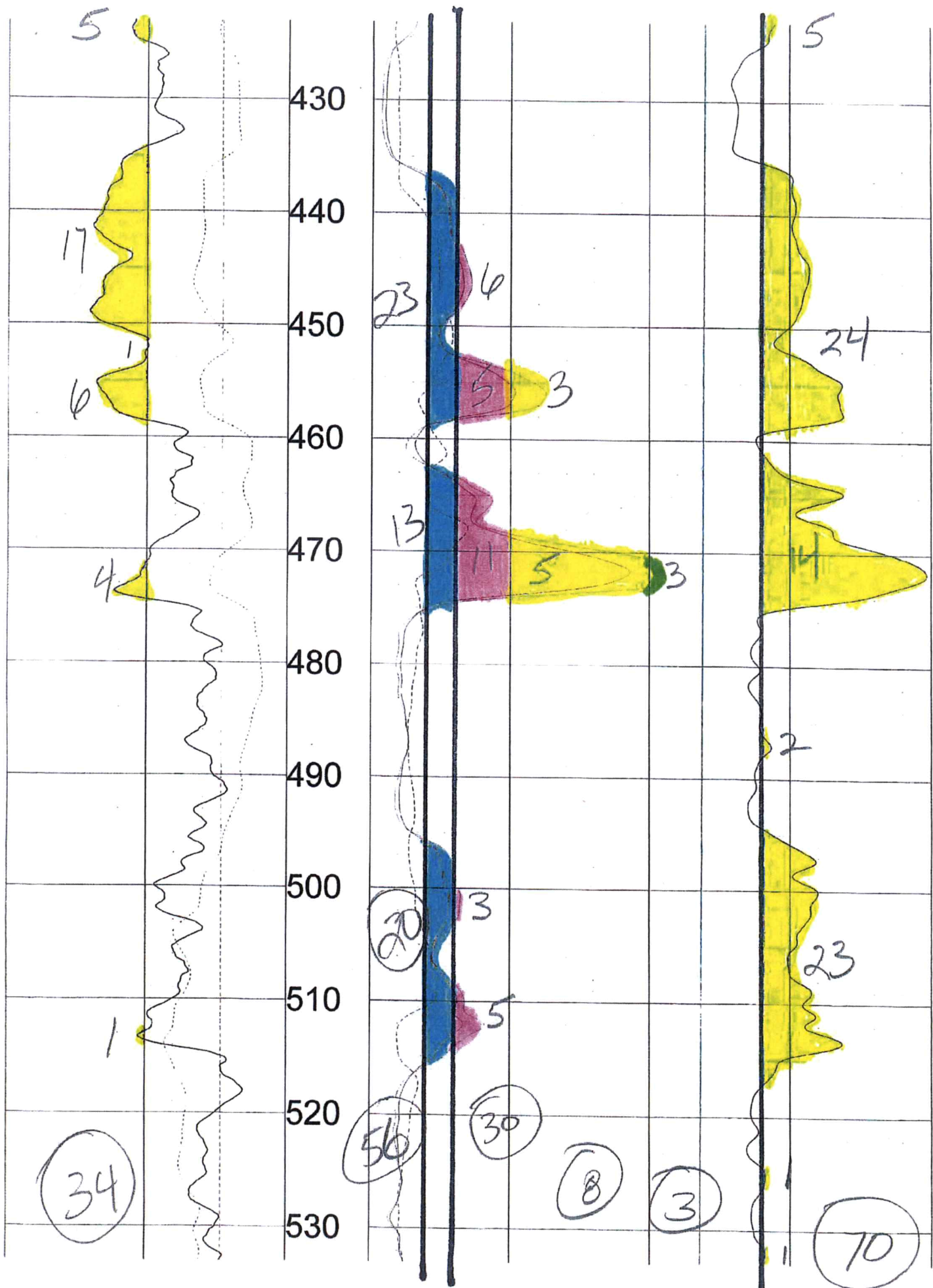


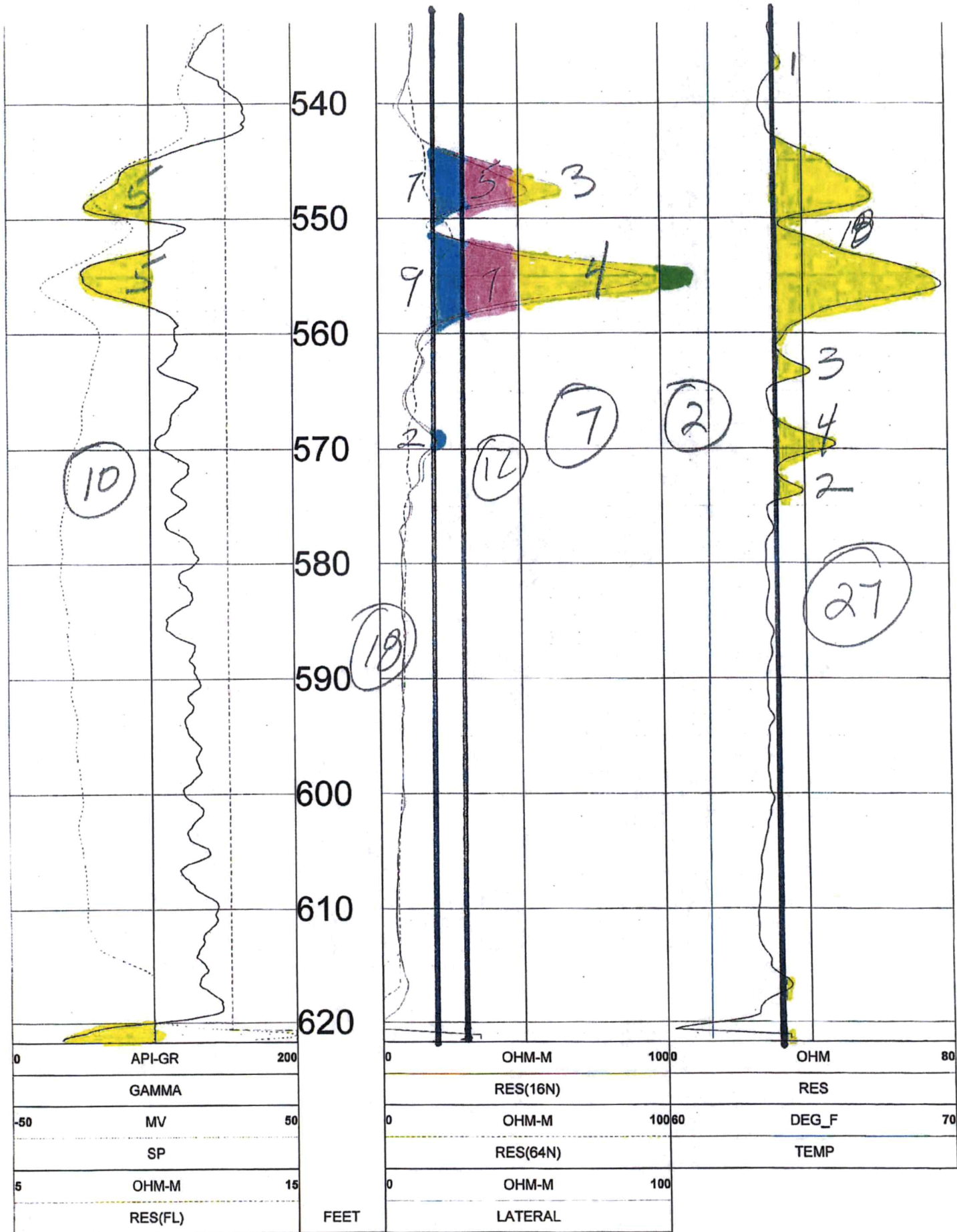






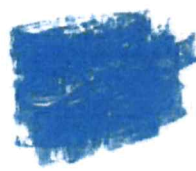
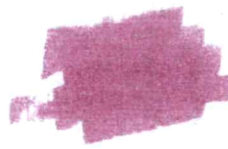
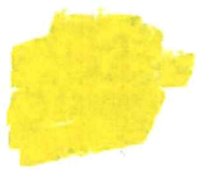










TOOL CALIBRATION JACOB NEUFELD 03/06/19 22:06  
 TOOL 8144A TM VERSION 1  
 SERIAL NUMBER 365

	DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Feb20,18	08:50:39	GAMMA	1.000 [API-GR ]	0.000 [CPS]
	Feb20,18	08:50:39	GAMMA	340.000 [API-GR ]	290.000 [CPS]
2	Feb20,18	08:50:53	RES(FL)	1.330 [OHM-M ]	7595.000 [CPS]
	Feb20,18	08:50:53	RES(FL)	42.720 [OHM-M ]	64820.000 [CPS]
3	Feb20,18	08:58:49	SP	0.000 [MV ]	327616.000 [CPS]
	Feb20,18	08:58:49	SP	390.000 [MV ]	165246.000 [CPS]
4	Feb20,18	08:58:55	RES(16N)	0.000 [OHM-M ]	3636.000 [CPS]
	Feb20,18	08:58:55	RES(16N)	1954.000 [OHM-M ]	449522.000 [CPS]
5	Feb20,18	08:59:01	RES(64N)	0.000 [OHM-M ]	3153.000 [CPS]
	Feb20,18	08:59:01	RES(64N)	1989.000 [OHM-M ]	449347.000 [CPS]
6	Feb20,18	08:50:45	TEMP	33.400 [DEG_F ]	66910.000 [CPS]
	Feb20,18	08:50:45	TEMP	102.300 [DEG_F ]	270930.000 [CPS]
7	Feb20,18	08:59:07	RES	0.000 [OHM ]	4432.000 [CPS]
	Feb20,18	08:59:07	RES	943.000 [OHM ]	173223.000 [CPS]

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 = 79  
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