

Kansas Department of Agriculture
Division of Water Resources
 APPROVAL OF CHANGE APPLICATION WORKSHEET

1. File No.: 9327	2. Status Change Date:	4. Field Office: 04 - Garden City GMD: 03 - Southwest Structures File No.: Filing/Priority Date: 2/6/2024 Application Complete Date:
3. Package File No(s): 9327 & 41445		
5a. <input checked="" type="checkbox"/> Applicant <input checked="" type="checkbox"/> Owner <input type="checkbox"/> WUC Person ID 64119 <input type="checkbox"/> Address Change Add Seq# 02 COTTONWOOD TREE FARMS LLC PO BOX 307 SMITH CENTER, KS 66967	5b. <input type="checkbox"/> Owner <input type="checkbox"/> WUC Person ID <input type="checkbox"/> Address Change Add Seq#	
5c. <input type="checkbox"/> Owner <input checked="" type="checkbox"/> WUC Person ID 64119 <input type="checkbox"/> Address Change Add Seq# 03 COTTONWOOD TREE FARMS LLC ATTN: HASKELL CO/SHON UNRUH PO BOX 307 SMITH CENTER, KS 66967	5d. <input type="checkbox"/> Owner <input type="checkbox"/> WUC Person ID <input type="checkbox"/> Address Change Add Seq#	
6. Change No.: C2 <input checked="" type="checkbox"/> PD <input type="checkbox"/> PU <input type="checkbox"/> UMW Base Acres: Year: Min Reasonable Q: Previous UMW: Not changing MDS Gauge: Active Admin? <input type="checkbox"/> Completion/Start Date: 3/1/2025 Perfection/Expiration Date:		7. Use of Water <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water UMW: IRR-Irrigation UMW: UMW:
8. Action Trail		
9. Special Conditions		
10. 5YR Allocation Type: Start Year: 5YR Quantity: Base Acres: Comment:		
11. Sand & Gravel Proj ID: <input type="checkbox"/> Active <input type="checkbox"/> Dredge <input type="checkbox"/> IND Evap <input type="checkbox"/> Jr Evap <input type="checkbox"/> Other Diversion <input type="checkbox"/> Rpt on Sr		
12. Waiver Rule ID: <input type="checkbox"/> New Date Requested: Applies: Rule No.: Justification: Rule Type: Rule SubType:		
Comments	Processed 2/21/2024	Entered
	Reviewed	

File No. 9327	13. County: HS Basin: ARKANSAS RIVER Stream:		
Structures File No:	Aquifer Code: 211 / 331	Special Use Area:	

14. Points of Diversion, Rates & Quantities										Qty AF		Rate gpm		Storage Qty		Storage Rate	
PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Auth	Add	Auth	Add	Auth	Add	Auth/Add	Overlaps	
DEL	34811																
ENT	NE NW NW	34	27S	31W		4749	3966		343	343	770	770				*	

15. Limitations	Type:	Quantity:	Rate:	combined with file no(s):
	Type:	Quantity:	Rate:	combined with file no(s):

16. Metering Metering Required Anti-Reverse Required Seal Required Compliance Date: 12/31/2024

17. Place of Use										NE¼		NW¼		SW¼		SE¼		Total	Owner(s)	Chg?	Overlaps	
PDIV	S	T	R	ID	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE						
CHK	37718								31.25	31.25	31.25	31.25					205	5a	<input type="checkbox"/>	*		

18. Point of Diversion and Place of Use Overlaps * 41445 + # ^	** ++ ## ^^
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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

February 21, 2024

COTTONWOOD TREE FARMS LLC
PO BOX 307
SMITH CENTER, KS 66967

RE: Filed Office Application for Change
Water Right, File Nos. 9327 & 41445

Dear Sir or Madam:

Enclosed is the order executed by the designee of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, approving the application for change under the above referenced file number.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this approval for change. A condition of this approval is that an acceptable water flow meter must be installed on the diversion works authorized under the referenced file number and meet current specifications. Please return the required notification of completion of the diversion works and installation of the required meter as soon as these actions are completed.

Since the order modifies the original document referred to above, it should be recorded with the Register of Deeds as other instruments affecting real estate.

The abandoned well must be plugged in accordance with the requirements of Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

Should you have any questions, please feel free contact this office. If you would prefer, you could arrange an appointment for additional assistance.

Sincerely,

A handwritten signature in blue ink that reads "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

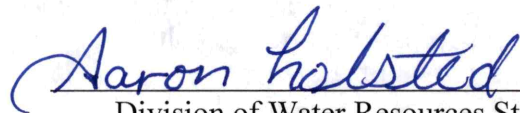
pc:

CERTIFICATE OF SERVICE

On this 21st day of February, 2024, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 9,327 and 41,445 dated 21st day of February, 2024 was mailed postage prepaid, first class, US mail to the following:

COTTONWOOD TREE FARMS LLC
PO BOX 307
SMITH CENTER, KS 66967

Pc:



Division of Water Resources Staff

5. **Presently authorized point of diversion:**
 One in the NE Quarter of the NW Quarter of the NW Quarter of Section 34, Township 27 South, Range 31 W, in HS County, Kansas, 4880 feet North 4040 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well 530 (feet)
 (DWR use only: Computer ID No. 03 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 NE Quarter of the NW Quarter of the NW Quarter of Section 34, Township 27 South, Range 31 W, in HS County, Kansas, 4749 feet North 3966 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 802
 This point is: Additional Well Geo Center List other water rights that will use this point 41445

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

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

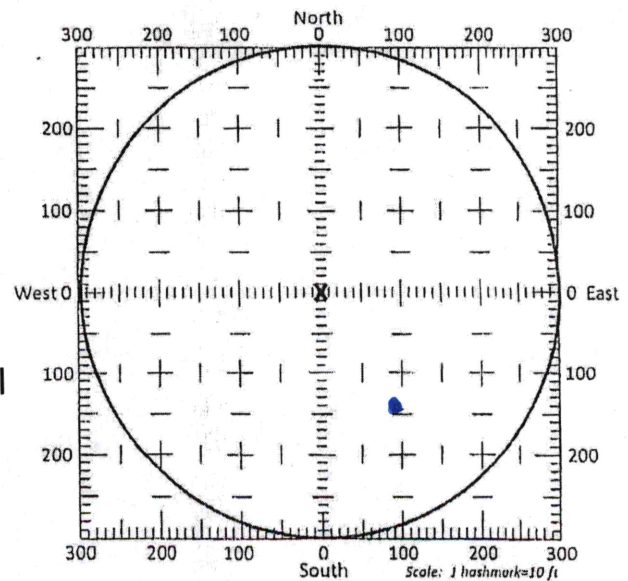
8. If a well, is the test hole log attached? Yes No

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

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
Will be Plugged
 (b) When will this be done? Following New Well

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by MM/GCFO



13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines

13b. If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. (PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:

- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
- (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?
 Yes No (If yes, all owners must sign this application.)
- (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?
 Yes No (If no, all owners must sign this application.)

If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Pratt, Kansas, this 2 day of February, 2024.

Cottonwood Tree Farm LLC
Glenn Newdiger THE PEOPLES BANK - Agent
 (Owner) _____ (Spouse) _____

Cottonwood Tree Farm LLC Glenn Newdiger
 (Please Print) _____ (Please Print) _____

 (Owner) _____ (Spouse) _____

 (Please Print) _____ (Please Print) _____

 (Owner) _____ (Spouse) _____

 (Please Print) _____ (Please Print) _____

State of Kansas
 County of Pratt } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 2nd day of February, 2024.

[Signature]

 Notary Public

My Commission Expires 7-7-2024
 LINDSAY D. COX
 Notary Public - State of Kansas

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.

FFF 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. 9327.

1. A change application was received on February 6, 2024 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: February 21, 2024

State of Kansas)

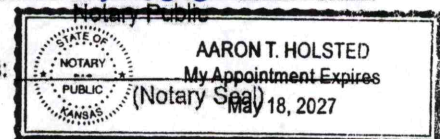
County of Linney) SS

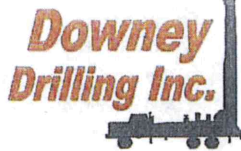
Acknowledged before me on February 21, 2024

by Austin McColloch

Signature: Aaron Holsted

My commission expires: May 18, 2027





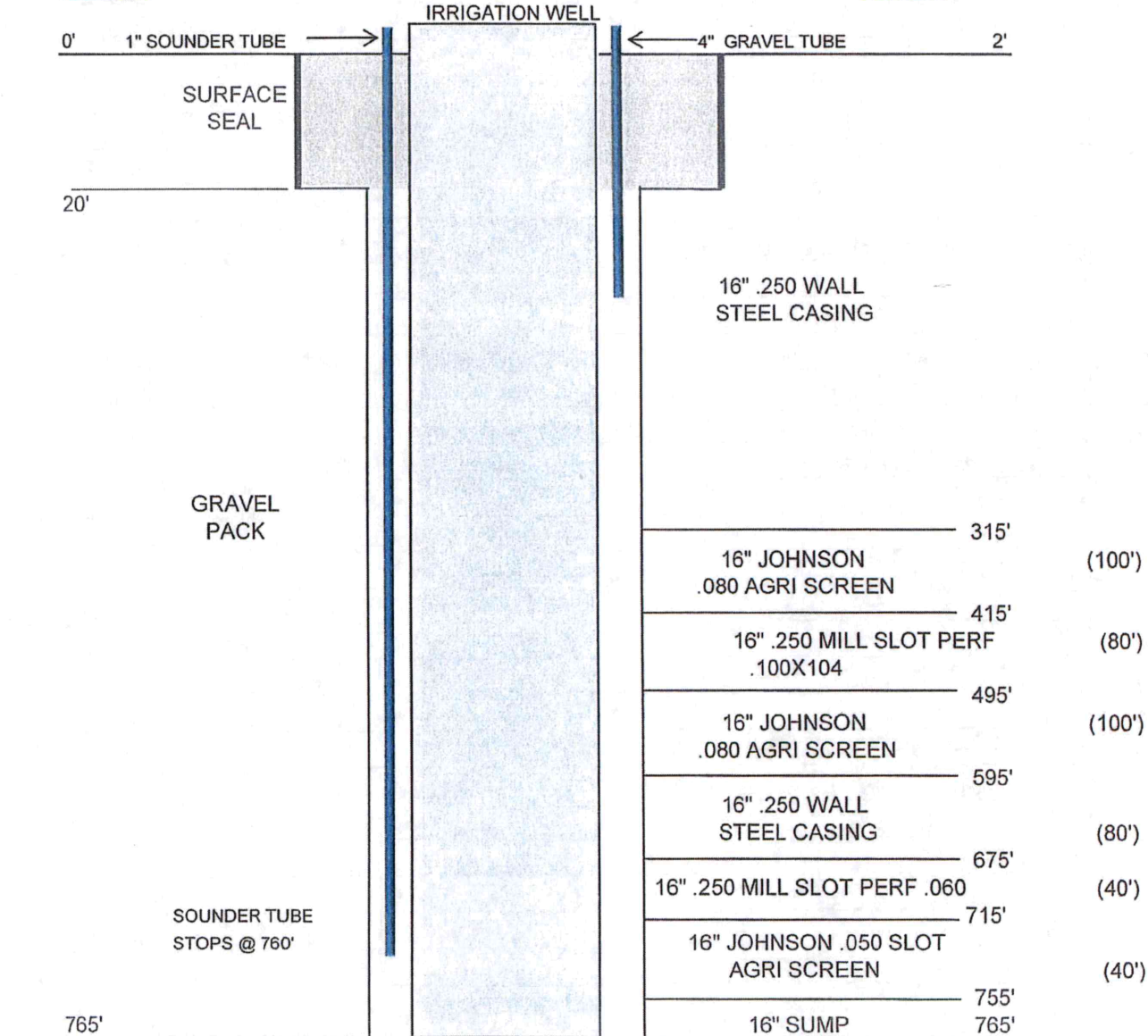
Well Design & Construction

"PROPOSED"
WR #9327

Customer Name: <u>COTTONWOOD TREE FARM</u>	<u>PEOPLE'S BANK</u>
Legal: <u>NW 34-27S-31W</u>	County: <u>HASKELL (SHONOVAN UNRUH - TENANT)</u>
GPS: <u>37.662252</u>	Date: _____
<u>-100.702564</u>	WO #: _____
DRILLER: _____	WATER SUPPLY: <u>F/CUSTOMER'S WELL</u>
HELPER(S): _____	DRILLING RIG: <u>M100 #1304</u>
BOREHOLE DIAMETER: <u>30"</u>	DRILLING METHOD: <u>RC</u>
CASING DIAMETER: <u>16" .250 WALL</u>	QUIKGEL: <u>TBD</u> HOLE PLUG: <u>20'+</u>
TOTAL WELL DEPTH: <u>765'</u>	GRAVEL: <u>155+ TON</u> 4X#1COARSE
DRILLING FLUID: <u>TBD</u>	GRAVEL SUPPLIER: <u>HUBER</u> 1X70/30 #1C/#1F 1X50/50 #1C/#1F
ADDITIONAL INFO: <u>AT TEST HOLE #1</u>	
<u>36" X 20' SURFACE CASING W/CONCRETE GROUT</u>	

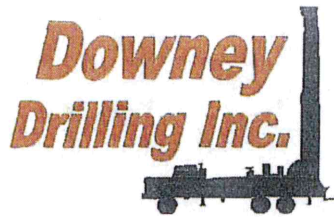
GROUT AND GRAVEL

SCREEN AND CASING



WELL LOG

DATE: 6/28/2023



CUSTOMER NAME: COTTONWOOD TREE FARMS, LLC

TH#1

LEGAL: NW 34-275-31W

COUNTY: HASKELL CO, KS

GPS: 37.662252

-100.702564

DRILLER: DIEGO

WO: 23-236

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	4	TOP SILTY SOIL	SOFT	LIGHT BROWN	FAST		SMOOTH
	4	16	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	16	23	BROWN CLAY W/ CALICHE	SOFT	BROWN & WHITE	FAST		SMOOTH & CHOPPY
	23	25	FINE-MED SAND	SOFT		FAST		VIBRATION
	25	59	SANDY CLAY	SOFT	ORANGE	FAST		SMOOTH
	59	85	FINE SAND W/ SANDY CLAY	SOFT	ORANGE	FAST		VIBRATION
	85	93	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	93	99	SANDY CLAY W/ WHITE CLAY	SOFT	BROWN & WHITE	FAST		SMOOTH
	99	108	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	108	123	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL & LIME ROCK	STIFF	WHITE	FAST		CHATTER
	123	139	BIG ROCKS	STIFF		FAST		CHATTER
	139	161	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	161	175	FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	175	204	BIG ROCKS	HARD		FAST		CHATTER
	204	219	LIGHT GREEN CLAY W/ WHITE CLAY LEDGES	SOFT	LIGHT GREEN & WHITE	SLOW		SMOOTH & CHOPPY
	219	229	BLUE CLAY	STICKY	BLUE	FAST		SMOOTH
	229	238	TAN CLAY	STICKY	TAN	FAST		SMOOTH
	238	259	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
	259	270	SANDY CLAY W/ FINE-MED SAND & YELLOW SOAPSTONE TRACE	SOFT	BROWN & YELLOW	FAST		SMOOTH & CHOPPY
	270	293	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	293	318	FINE-MED-COARSE SAND W/ LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
	318	335	FINE-MED SAND W/ SANDY CLAY	FIRM	BROWN	FAST		CHOPPY & SMOOTH
	335	347	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	347	357	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	357	360	FINE-MED SAND	FIRM		FAST		CHOPPY
	360	361	HARD SPOT	HARD		SLOW	X	CHATTER
	361	365	FINE-MED SAND	FIRM		FAST		CHOPPY
	365	376	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	376	407	FINE-MED-COARSE SAND W/ FINE GRAVEL & LIME ROCK	STIFF		FAST		FAST CHATTER
	407	414	CEMENTED SAND W/ LIME ROCK & FINE SAND	STIFF	WHITE	FAST		FAST CHATTER
	414	421	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	421	426	FINE-MED SAND	SOFT		FAST		CHOPPY
	426	432	LIME ROCK W/ FINE SAND	FIRM	WHITE	FAST		CHOPPY
	432	437	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	437	465	SANDY CLAY W/ LIME ROCK & FINE-MED SAND	SOFT	TAN & WHITE	FAST		SMOOTH & CHOPPY

Approx
STATIC 325'

10
3

4

31

7

5

10

8



Century GEOPHYSICAL CORP.

COTTONWOOD TREE FARMS LLC

COMPANY : DOWNEY DRILLING INC
WELL : COTTONWOOD TREE FARMS LL
LOCATION/FIELD : TH#1
COUNTY : HASKELL
LOCATION : NW
SECTION : 34

OTHER SERVICES:

TOWNSHIP : 27S RANGE : 31W

DATE : 06/28/23
DEPTH DRILLER : 802
LOG BOTTOM : 804.90
LOG TOP : 0.90

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

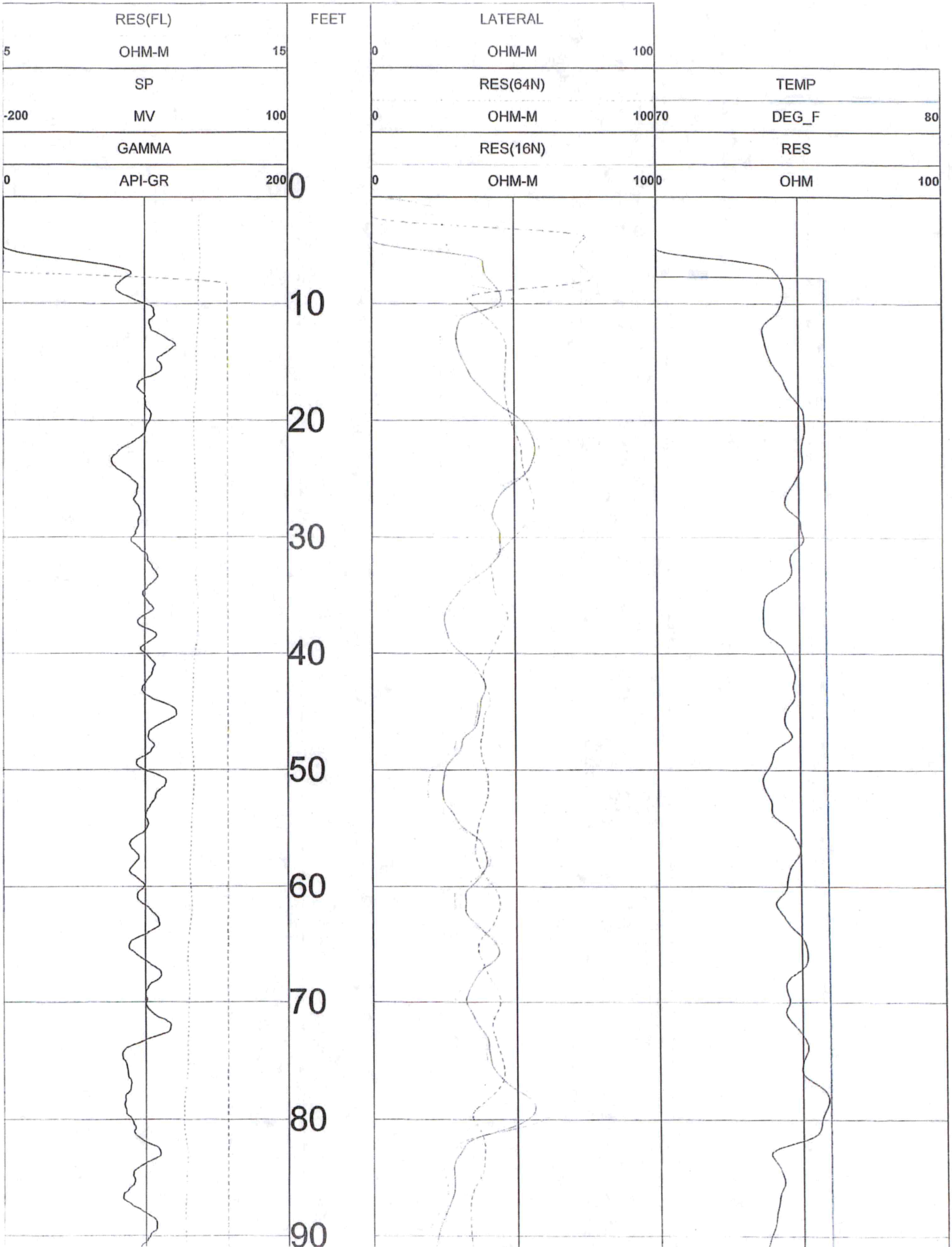
BIT SIZE : 6.25 "
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : LIMESTON

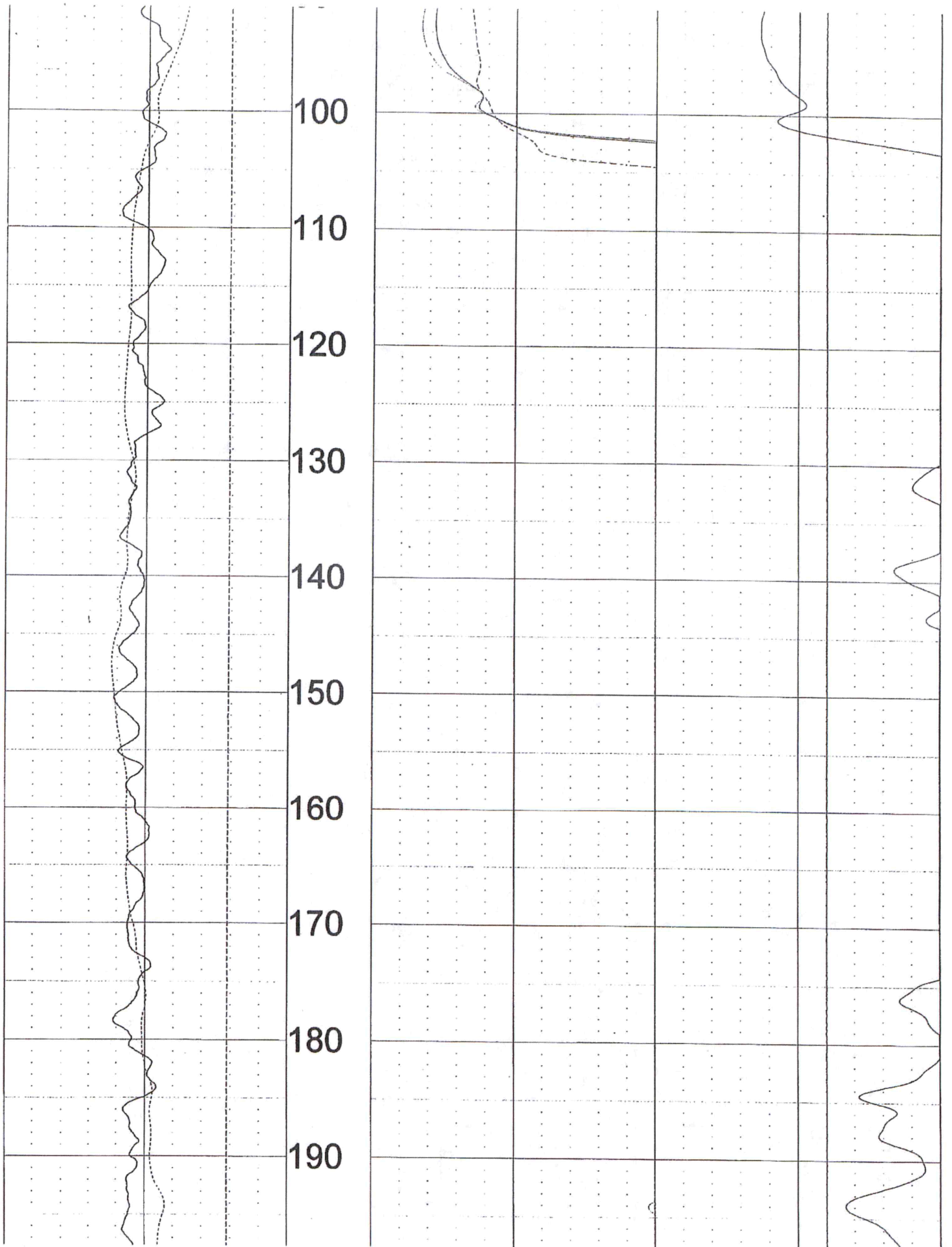
BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

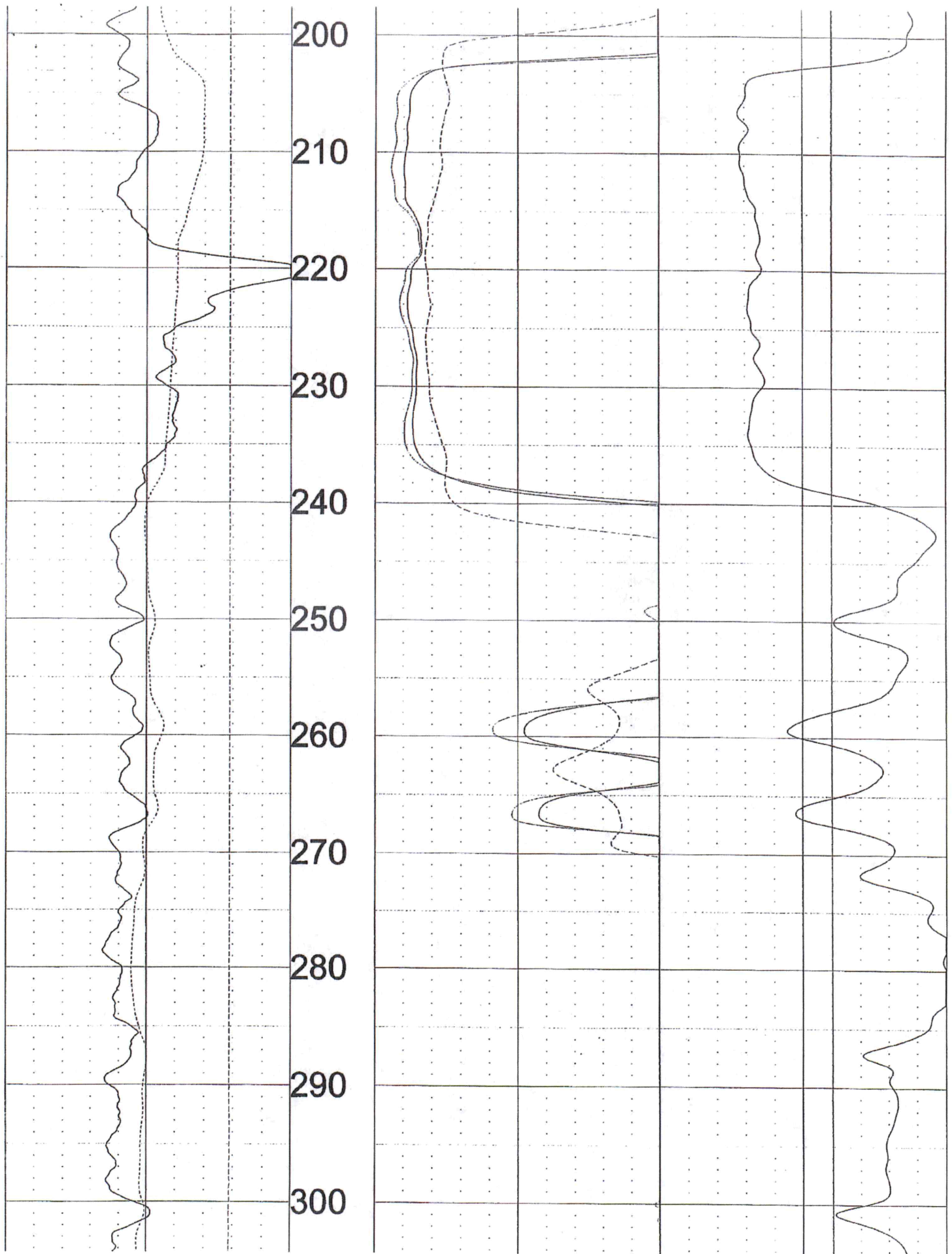
FILE : ORIGINAL
TYPE : 8144A
LGDATE: 06/28/23
LGTIME : 22:19:
THRESH: 99999

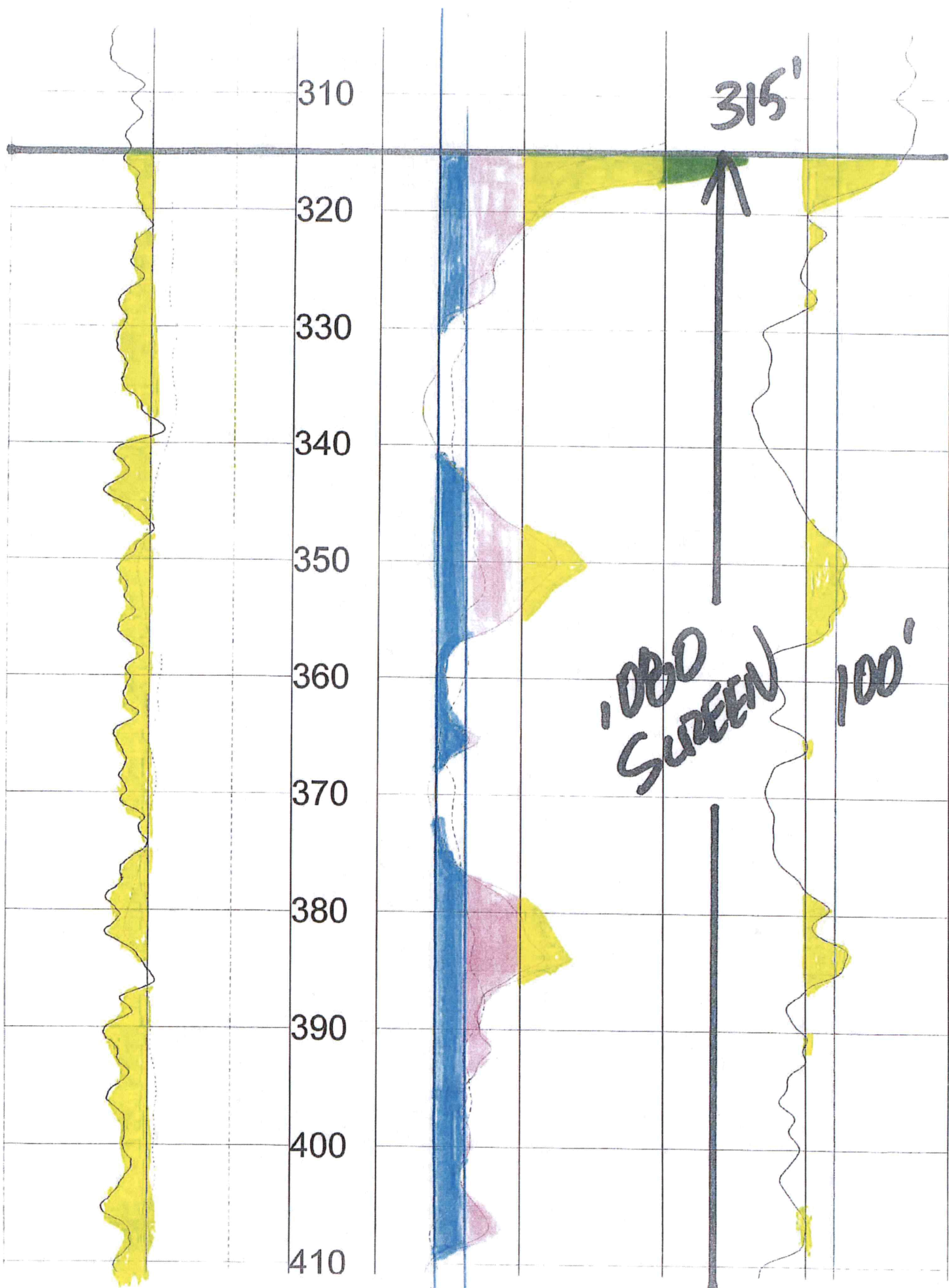
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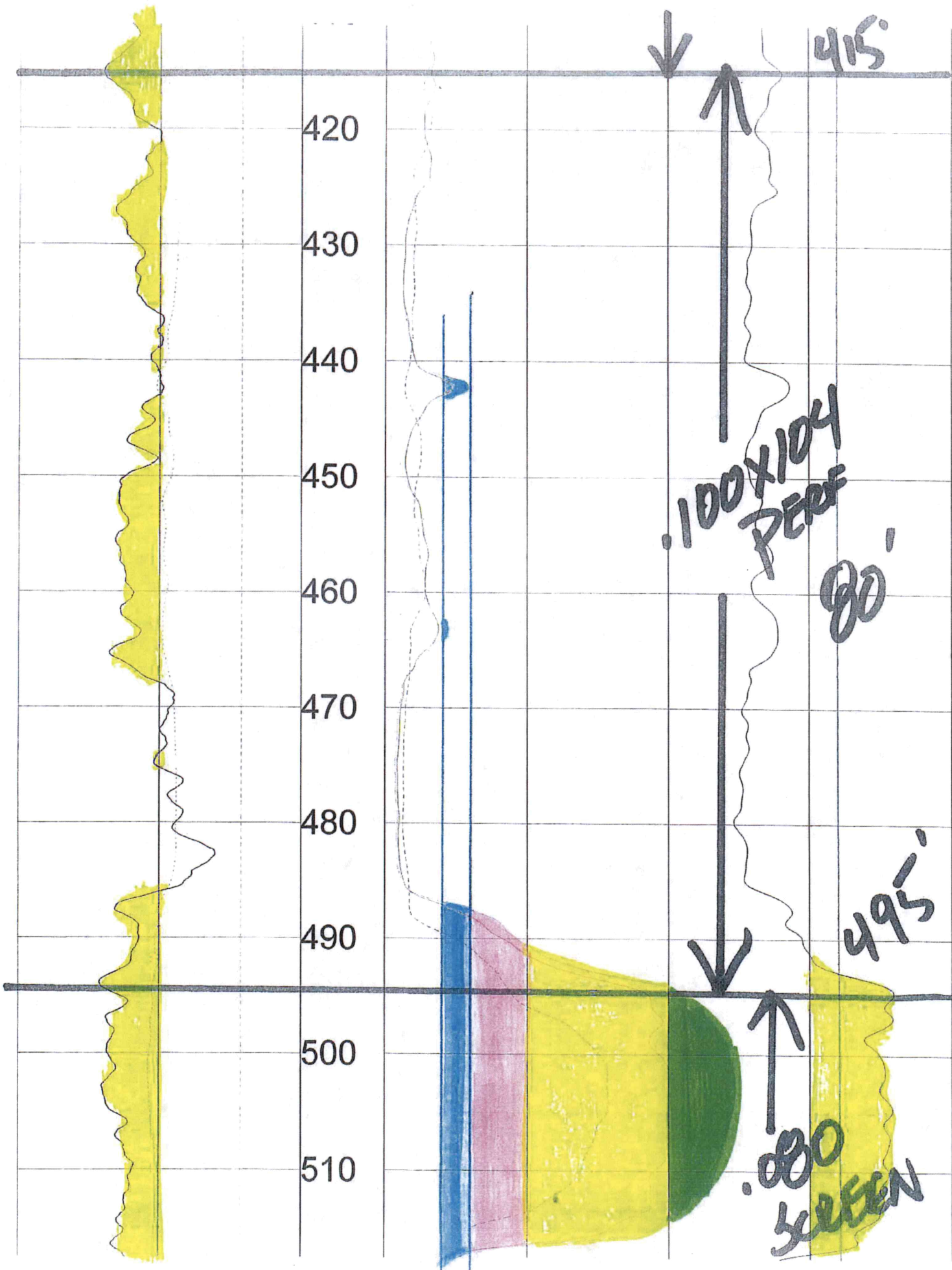
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



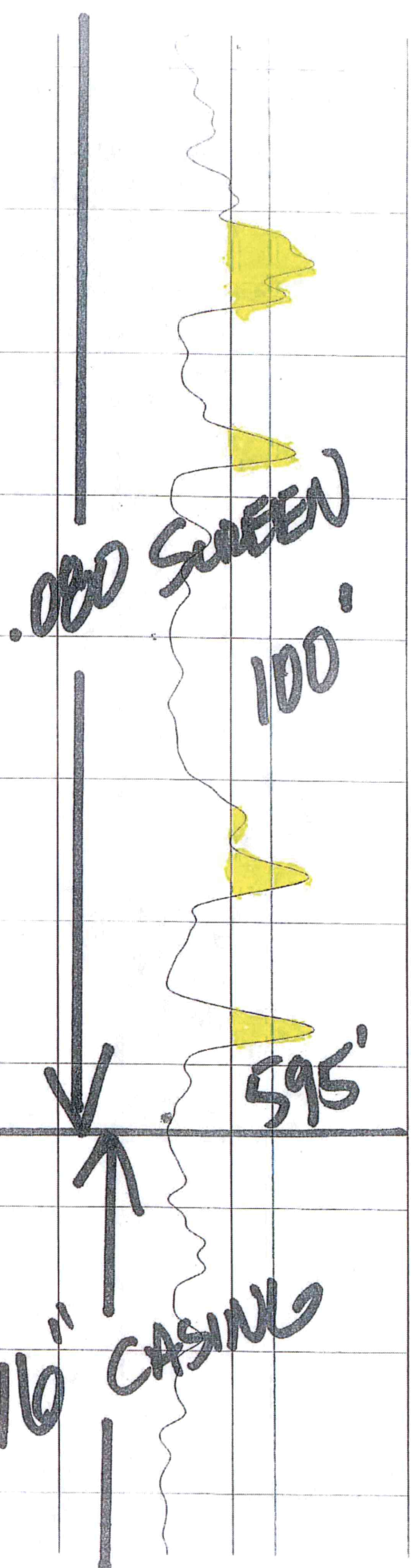
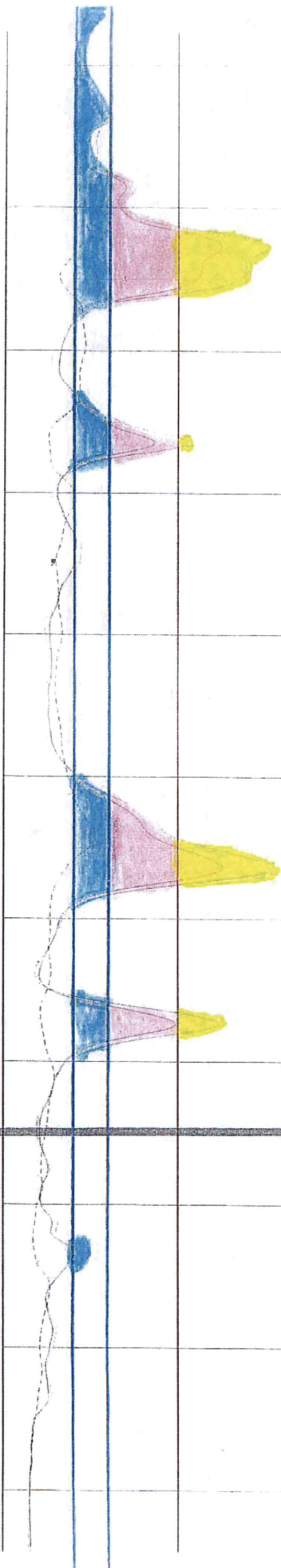
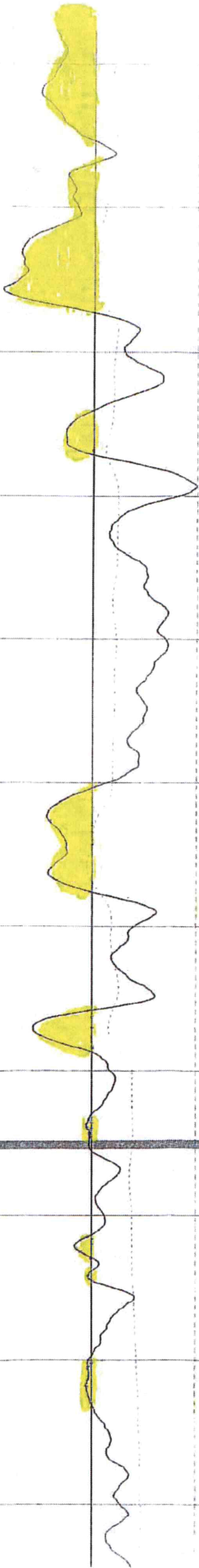








520
530
540
550
560
570
580
590
600
610
620



000 SCREEN
100'

595'

16" CASING

630

640

650

660

670

680

690

700

710

720

730

16" CASING

80'

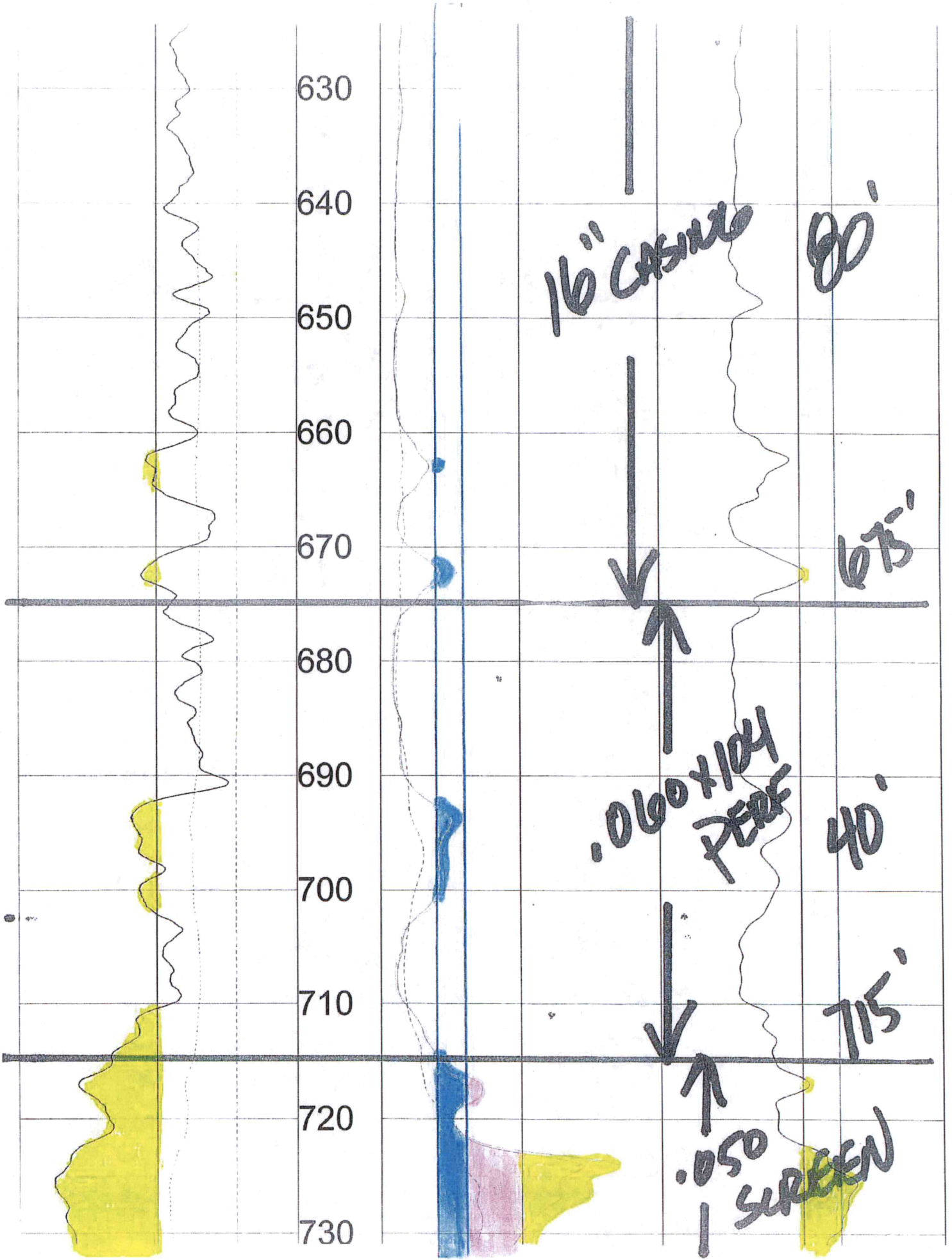
675'

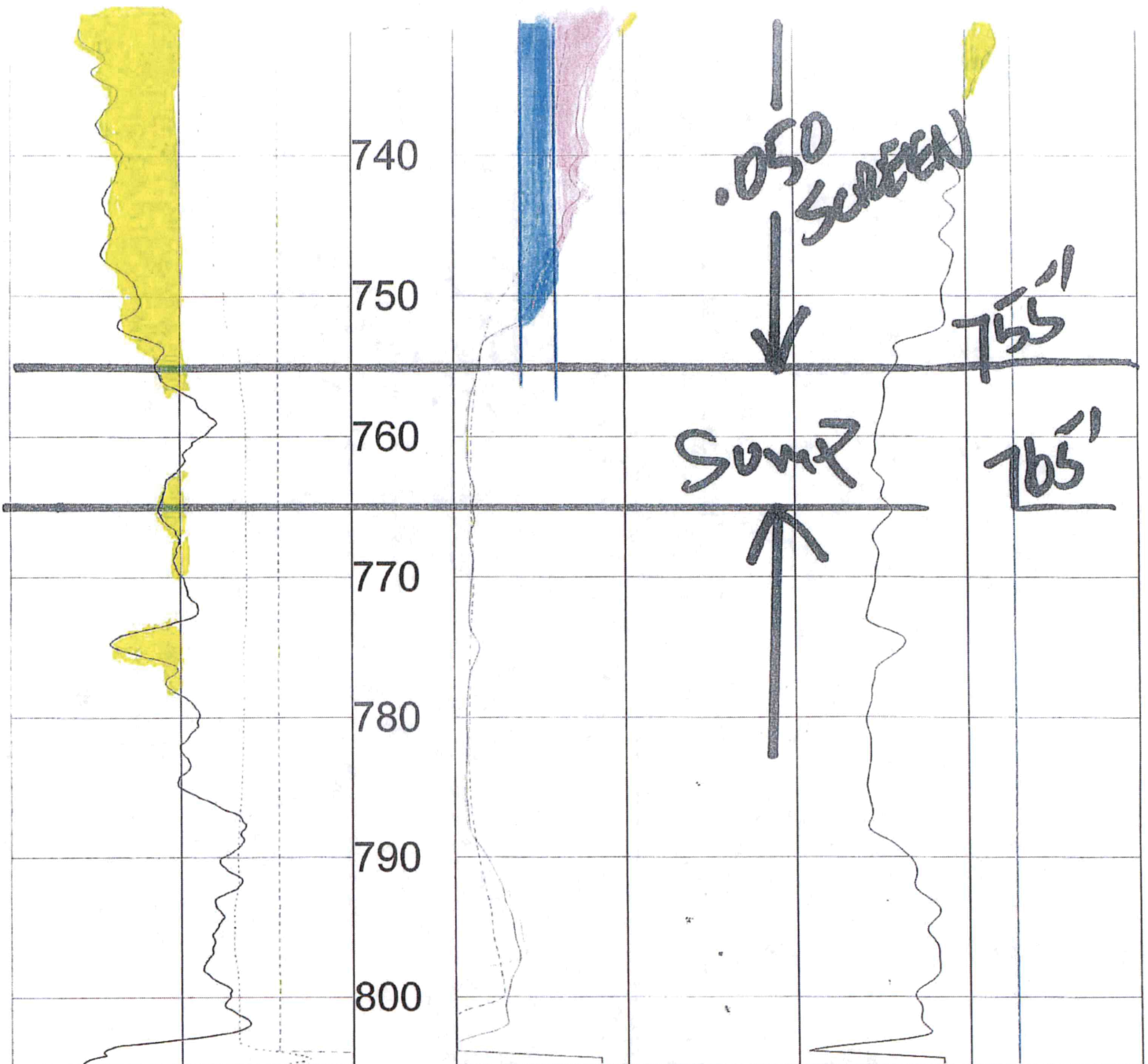
.060 x 104
PERF

40'

715'

.050
SCREEN





0	API-GR	200	0	OHM-M	1000	OHM	100
	GAMMA			RES(16N)		RES	
-200	MV	100	0	OHM-M	10070	DEG_F	80
	SP			RES(64N)		TEMP	
5	OHM-M	15	0	OHM-M	100		
	RES(FL)			LATERAL			

FEET

TOOL CALIBRATION COTTONWOOD TREE FARMS LLC 06/28/23 22:19

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	May18,23	15:57:16	SP	0.000 [MV]	327729.000 [CPS]
	May18,23	15:57:16	SP	350.000 [MV]	155368.000 [CPS]
4	May18,23	15:54:50	RES(16N)	0.000 [OHM-M]	3400.000 [CPS]
	May18,23	15:54:50	RES(16N)	1956.000 [OHM-M]	448017.000 [CPS]
5	May18,23	15:56:27	RES(64N)	0.000 [OHM-M]	3000.000 [CPS]
	May18,23	15:56:27	RES(64N)	1991.800 [OHM-M]	446675.000 [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	May18,23	15:55:41	RES	0.000 [OHM]	21264.000 [CPS]
	May18,23	15:55:41	RES	945.000 [OHM]	190131.000 [CPS]

COTTONWOOD - SHONOVAN UNRUH

NW 34-27S-31W HASKELL CO.

Legend

60

60

WV

WR #9327 ELEV=2872' (SHON. UNRUH)

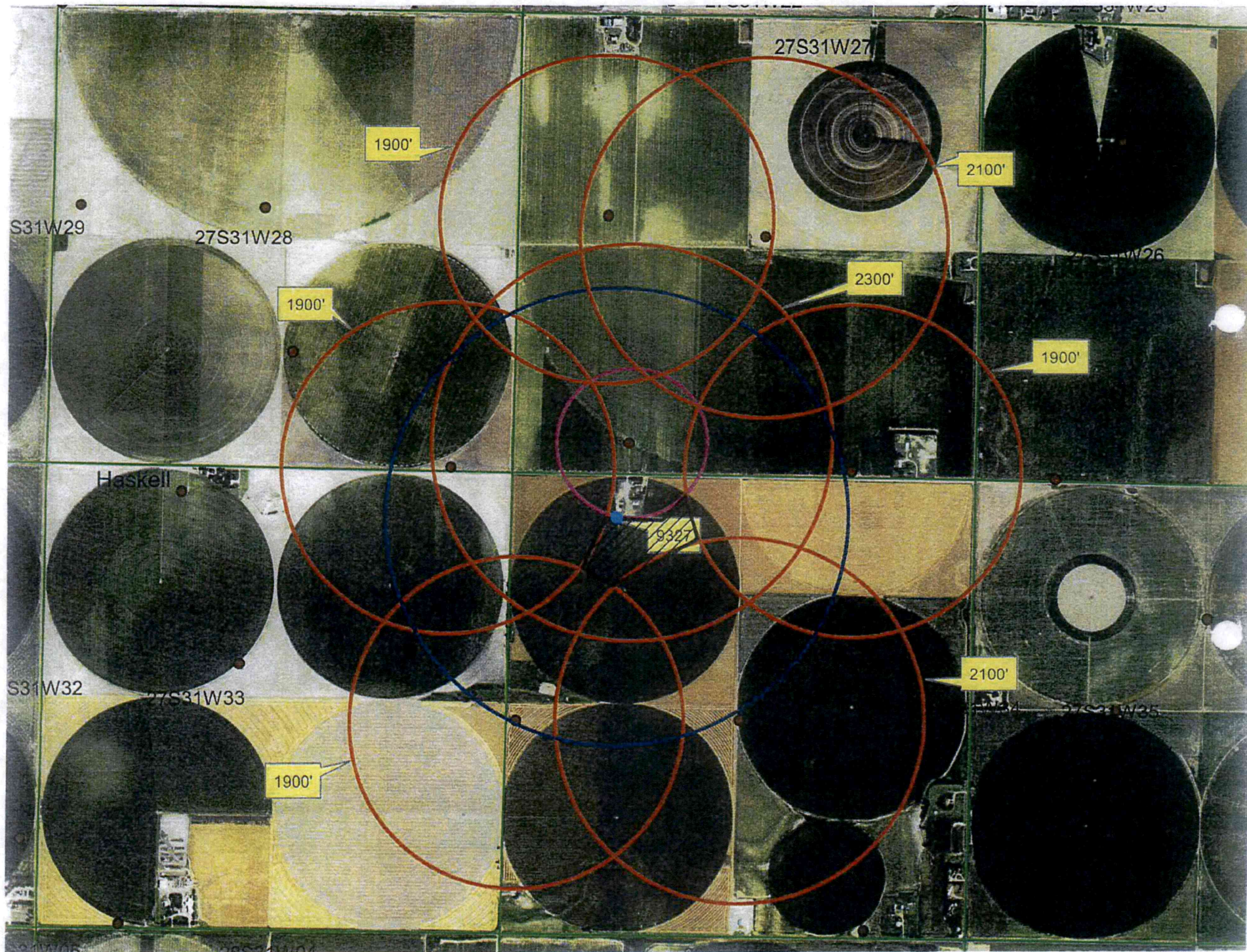
SHON. UNRUH TH #1 ELEV=2872'

ELEV=2868'

Google Earth

800 ft





COTTONWOOD - SHONOVAN UNRUH

NW 34-27S-31W HASKELL CO.

Legend

WR #3582 ELEV=2870'

UNRUH WELL ELEV=2862'

WR #9327 ELEV=2872' (SHON. UNRUH)
SHON. UNRUH TH #1 ELEV=2872'

ELEV=2868'

34

Google Earth

2000 ft

