

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

1. File Number: 18492	2. Status Change Date: 1/19/18	3. Change Num: c1	4. Field Office: 04	5. GMD: 03
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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: 12/11/17
--	--

8a. Applicant(s) New to system <input type="checkbox"/>	Person ID <u>3072</u> Add Seq# <u>1</u>
EDNA E COLLINGWOOD TRUST WILLIAM L ENGLER PO BOX 974 GARDEN CITY KS 67846	

8c. Landowner(s) New to system <input type="checkbox"/>	Person ID _____ Add Seq# _____
--	-----------------------------------

8b. Landowner(s) New to system <input type="checkbox"/>	Person ID <u>3072</u> Add Seq# <u>1</u>
EDNA E COLLINGWOOD TRUST WILLIAM L ENGLER PO BOX 974 GARDEN CITY KS 67846	

8d. WUC New to system <input type="checkbox"/>	Person ID <u>3072</u> Add Seq# <u>1</u>
EDNA E COLLINGWOOD TRUST WILLIAM L ENGLER PO BOX 974 GARDEN CITY KS 67846	

9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: <u>12/31/18</u> <input checked="" type="checkbox"/> N & P Date to Comply: <u>12/31/18</u>	
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____	

10. Use Made of Water From: _____	To: _____
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Date Prepared: 1/19/18	By: TPM
Date Entered: _____	By: _____



Garden City Field Office
2508 Johns Street
Garden City, Kansas 67846-2804

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Michael A. Meyer, Water Commissioner

Phone: (620) 276-2901
Fax: (620) 276-9315
www.agriculture.ks.gov
Sam Brownback, Governor

January 19, 2018

EDNA E COLLINGWOOD TRUST
WILLIAM L ENGLER
PO BOX 974
GARDEN CITY KS 67846

RE: Change in Point of Diversion Water Right, File No 18492

Dear Mr. Engler:

Enclosed you will find a *Summary Order Approving Application for Change in Points of Diversion* for the above referenced file. This order modifies the authorized well location under the referenced file. This order modifies the original document; it should be recorded at the County Register of Deeds.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this order. The diversion works should be completed and reported to the Division of Water Resources by **December 31, 2018**. Enclosed is a form for this purpose, along with other information for reference.

A condition of this order is that an acceptable flow meter must be properly installed on the diversion works authorized under the referenced file number in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12. This water flow meter shall be used to provide information required on the annual water use report.

This order shall become final if a request for a hearing is not filed with the Chief Engineer within 15 days of the date of service of this order. The date of service is the date listed on the enclosed *Certificate of Service*.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas P. Makens".

Thomas P. Makens
Assistant Water Commissioner

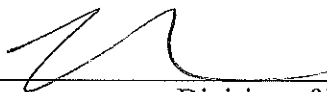
TPM:tpm
Enclosures
GMD#3

CERTIFICATE OF SERVICE

On this 20th day of January 2018, I hereby certify that the attached original Approval of Application to Change the Point of Diversion under Water Right, File No. 18492 dated January 19, 2018 was mailed postage prepaid, first class, US mail to the following:

EDNA E COLLINGWOOD TRUST
WILLIAM L ENGLER
PO BOX 974
GARDEN CITY KS 67846

Copy provided to GMD#3

A handwritten signature in black ink, appearing to be 'M', written over a horizontal line.

Division of Water Resources

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
 3:59 PM
 DEC 11 2017

File No. 18492

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: EDNA E COLLINGWOOD TRUST
- PO BOX 974 GARDEN CITY KS 67846
- Phone Number: () _____ Email address: _____
- Name and address of Water Use Correspondent: EDNA E COLLINGWOOD TRUST
- PO BOX 974 GARDEN CITY KS 67846
- Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:
- Owner of Land --- NAME: EDNA E COLLINGWOOD TRUST
- ADDRESS: PO BOX 974 GARDEN CITY KS 67846
- (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 to acres
- 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 TR # _____ Receipt Date 12/11/17 Check # 995101

5. **Presently authorized point of diversion:**
 One in the cn Quarter of the nw Quarter of the sw Quarter of Section 24, Township 27 South, Range 33 W, in Haskell County, Kansas, 2550 feet North 4620 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ 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:
Proposed point of diversion: (Complete only if change is requested)
 One in the sw Quarter of the sw Quarter of the nw Quarter of Section 24, Township 27 South, Range 33 W, in Haskell County, Kansas, 2641 feet North 4881 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

6. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
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 _____

7. Why do you need a new point of diversion? _____
old well needs to be replaced

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

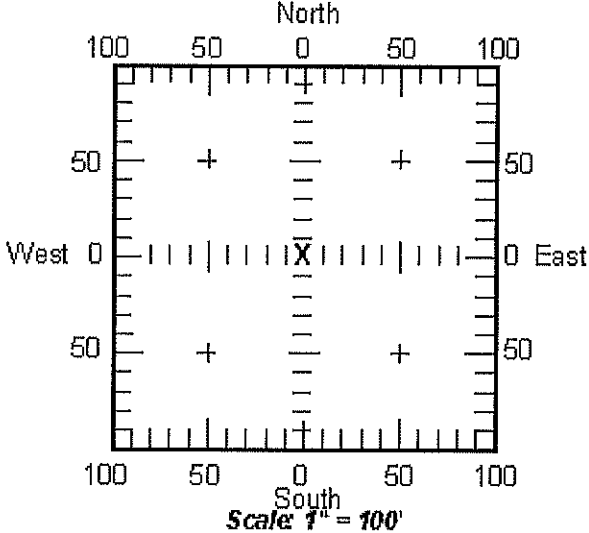
9. When do you propose to complete the new point of diversion?
december 11, 2017

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
plug
 (b) When will this be done? 2018

11. Groundwater Management District recommendation attached? Yes No

12. Assisted by tpm

13a. If the proposed point of diversion will be relocated within 100 feet of the existing point of diversion, indicate its location on the diagram below in relation to the existing point of diversion. (PLEASE NOTE: The "X" in center of diagram below represents presently authorized point of diversion.)



13b. If the proposed point of diversion will be relocated more than 100 feet but within 1320 feet from 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.

14. If the proposed groundwater point of diversion is 300 or fewer feet from 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 regard 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 6th day of December, 2017.

<u>X E.C. Banning</u> (Owner)	
	(Spouse)
(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 6th day of December, 2017



Julie Jones
Notary Public

My Commission Expires _____

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. 5-14-3 and other applicable provisions of the *Kansas Water Appropriation Law, K.S.A. 82a-701 et. seq.*, and rules and regulations promulgated thereunder, K.A.R. 5-1-1 *et. seq.* With the exception of those conditions expressly contained herein, this Summary Order does not change the terms, conditions and limitations of File No. 18492.

1. A change application was received on December 11, 2017 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 authorized herein shall not actually be located more than _____ feet from the previously authorized point(s) of diversion. Applicable Not Applicable
5. 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
6. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2018, 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
7. **Installation of the works for diversion of water shall be completed on or before December 31, 2018, or within any authorized extension of time.** By March 1, 2019 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
8. **The completed well log shall be submitted with the required notice.** Applicable Not Applicable
9. 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
10. Additional Conditions are attached. Yes No
11. 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.

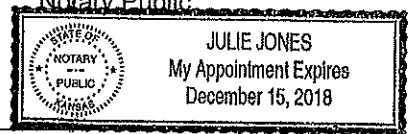
Administrative Appeal and Effective Date of Order

You have the right to a hearing in accordance with K.A.R. 5-14-3 before this Summary Order becomes final action of the Kansas Department of Agriculture. Any request for a hearing must be filed with the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, 1320 Research Park Drive, Topeka, Kansas 66502, within 15 days after the date shown on the Certificate of Service attached hereto. If a hearing is not requested in accordance with K.A.R. 5-14-3, this Summary Order will become effective on the 15th day after the date shown on the Certificate of Service.

For Use by Register of Deeds

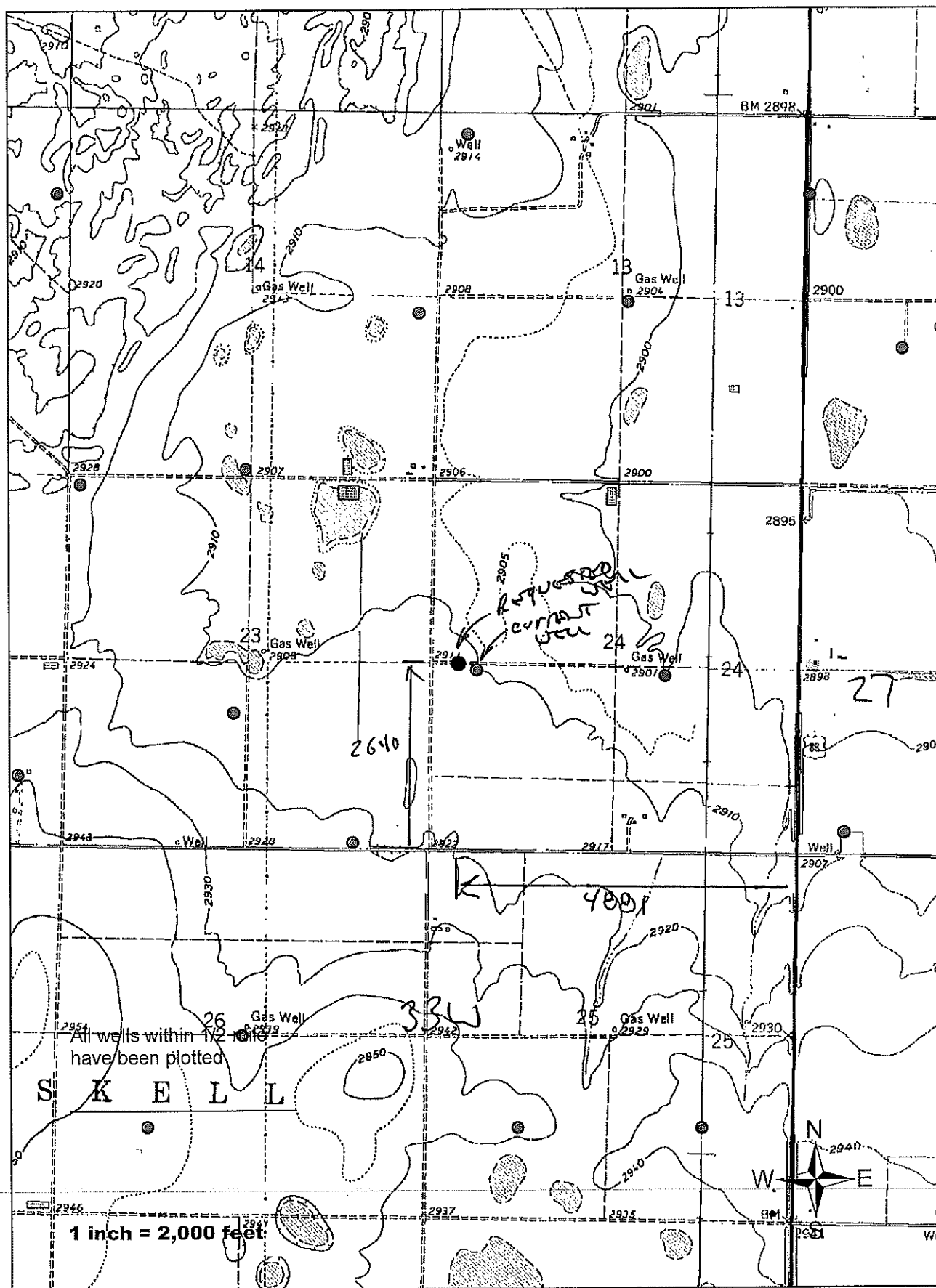
FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

By: [Signature]
Duly Authorized Designee of the Chief Engineer
(Print Name): THOMAS P. MAKENS
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: JANUARY 19, 2018
State of Kansas)
County of Finney) SS
Acknowledged before me on January 19, 2018
by Thomas P. Makens
Signature: [Signature]
Notary Public



My commission expires: _____
(Notary Seal)

18492





Well Design & Construction

Customer Name: COLLINGWOOD TRUST (AG MANAGEMENT CONSULTANTS)

Legal: SW/NW 24-27S-33W **County:** DAWSON

G.P.S.: 37 41' 09.0" N **Date:** _____

100 53' 16.0" W **WO #:** 17-752

DRILLER: ISAAC & CREW

WATER SUPPLY: IRRIGATION WELL

HELPER(S): _____

DRILLING RIG: M-100

BOREHOLE DIAMETER: 30"

DRILLING METHOD: REVERSE CIRCULATION

CASING DIAMETER: 16"

QUIKGEL: TBD **HOLE PLUG:** 20'+

TOTAL WELL DEPTH: 650'

GRAVEL: 150 TONS #1 COARSE

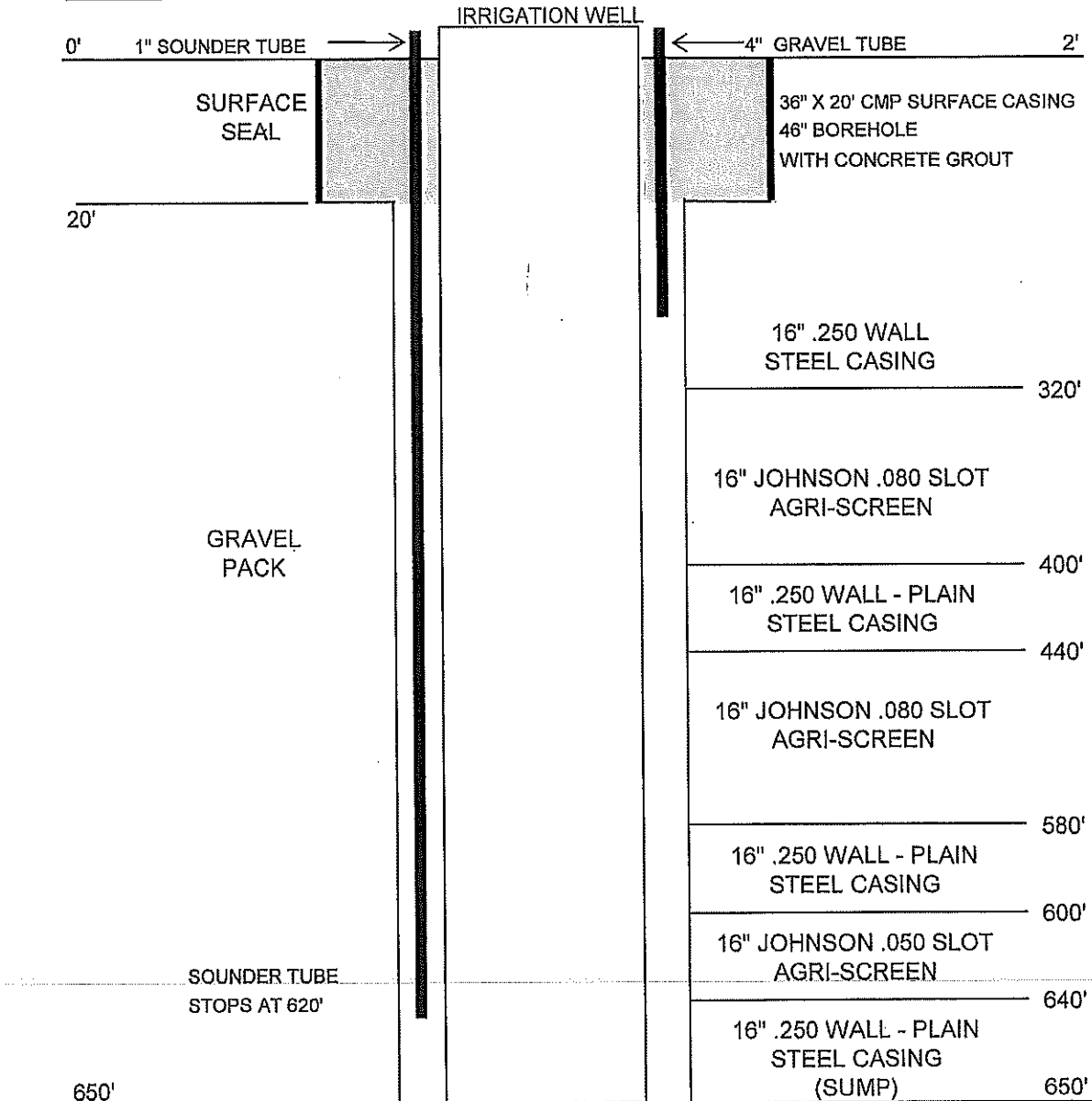
DRILLING FLUID: TBD

GRAVEL SUPPLIER: HUBER

ADDITIONAL INFO: TEST HOLE #1 - WEST OF EXISTING WELL **FILE #**18492

**GROUT
AND
GRAVEL**

**SCREEN AND
CASING**

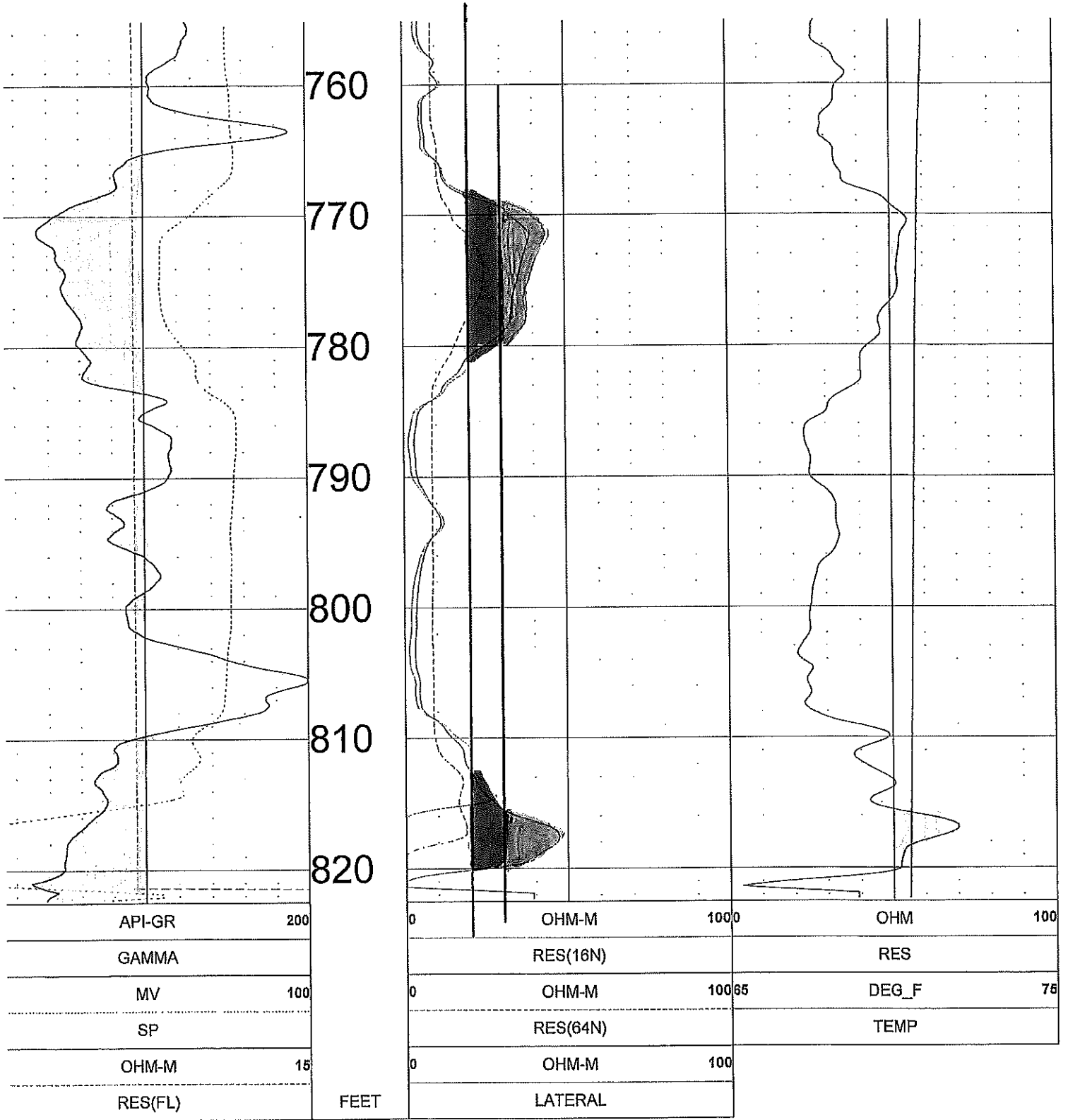


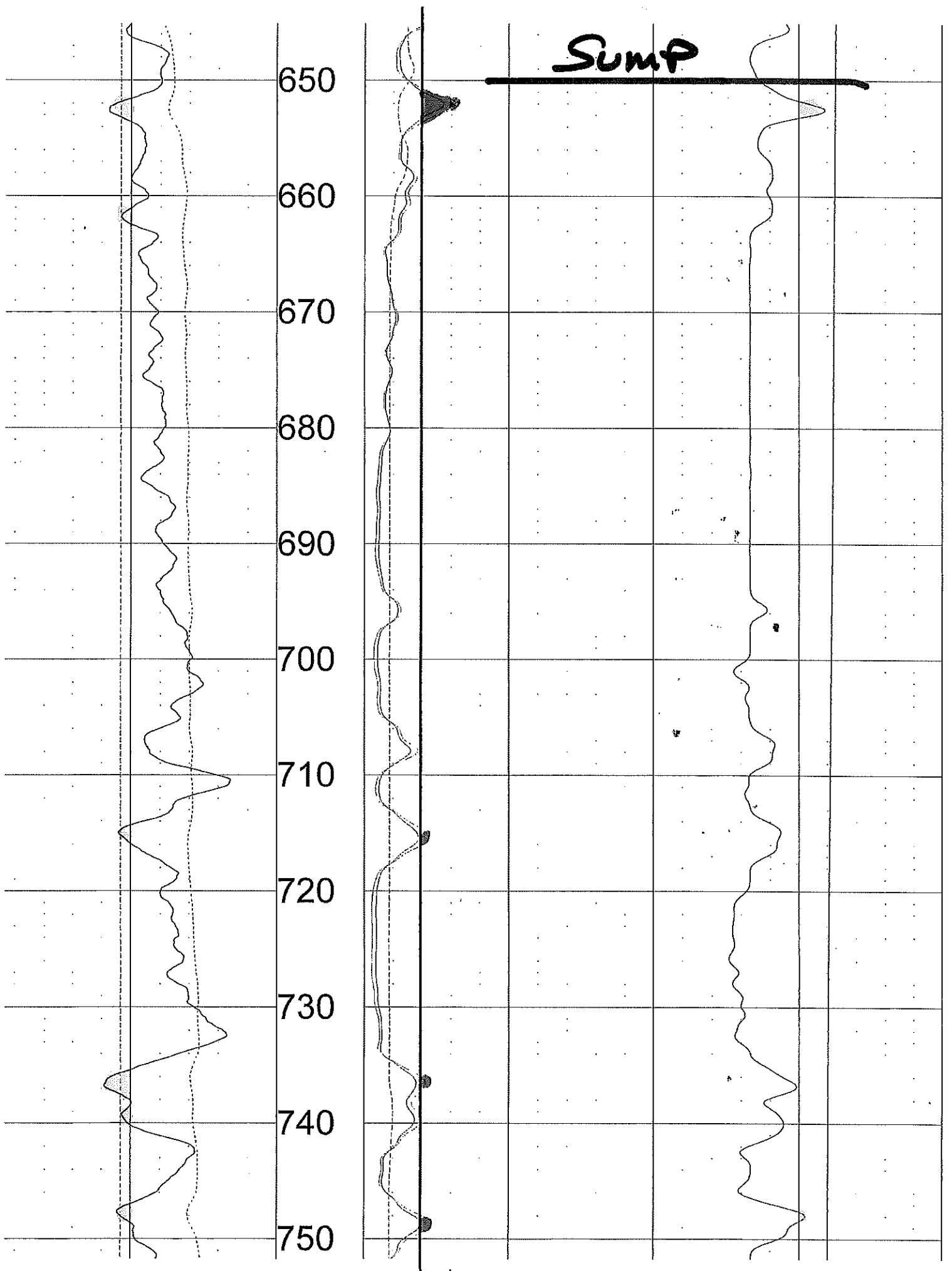
TOOL CALIBRATION COLLINGWOOD TRUST 10/25/17 14:07

TOOL 8144A TM VERSION 1

SERIAL NUMBER 365

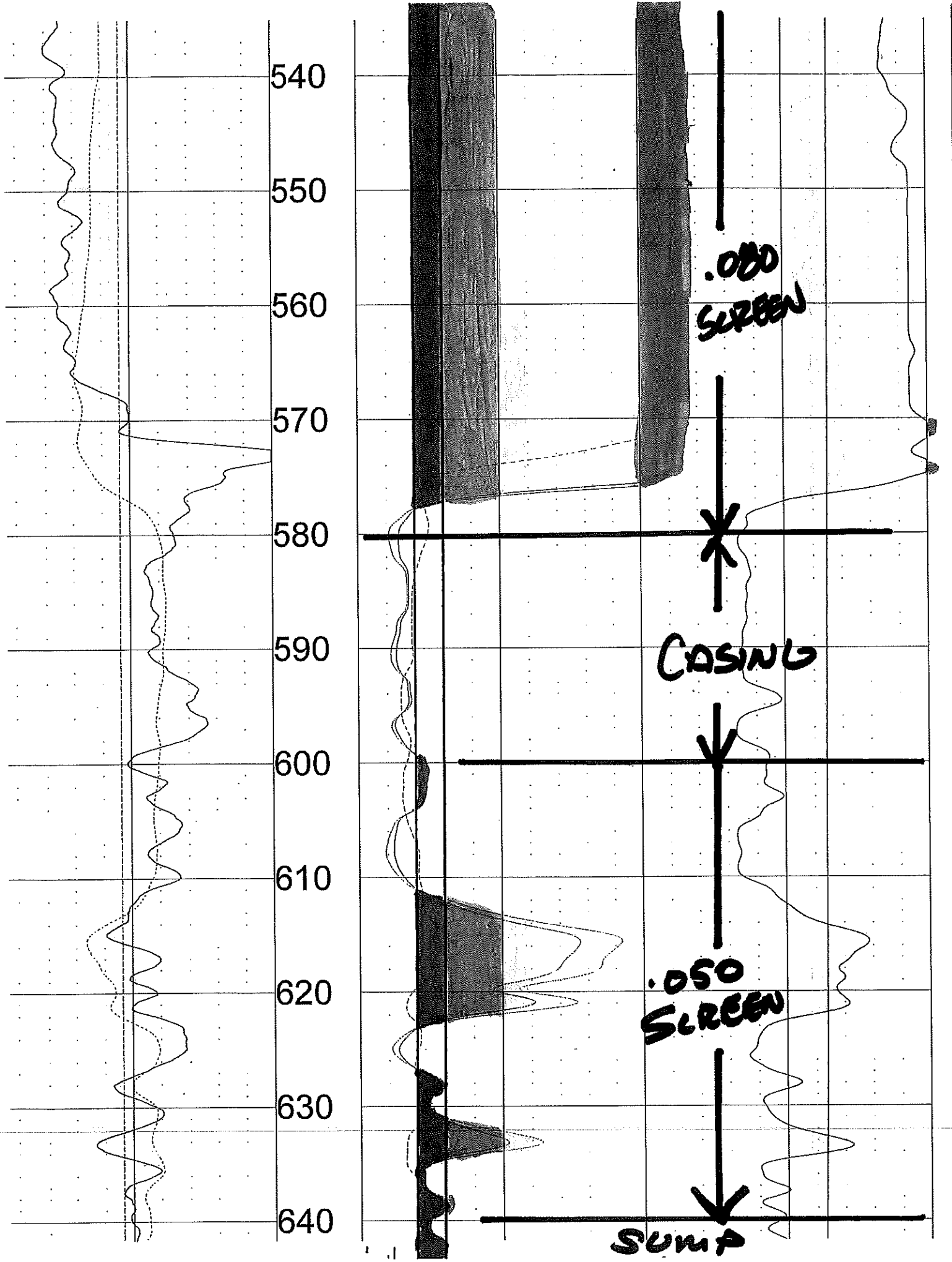
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Oct18,17	20:36:52	GAMMA	340.000 [API-GR]	290.000 [CPS]
Jul12,17	13:24:17	RES(FL)	1.330 [OHM-M]	7595.000 [CPS]
Jul12,17	13:24:17	RES(FL)	42.700 [OHM-M]	64820.000 [CPS]
Jul12,17	13:24:23	SP	0.000 [MV]	327520.000 [CPS]
Jul12,17	13:24:23	SP	390.000 [MV]	157140.000 [CPS]
Jul12,17	12:40:24	RES(16N)	0.000 [OHM-M]	5210.000 [CPS]
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Jul12,17	12:40:14	RES(64N)	0.000 [OHM-M]	5350.000 [CPS]
Jul12,17	12:40:14	RES(64N)	1989.700 [OHM-M]	414870.000 [CPS]
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]
Jul12,17	12:40:03	RES	0.000 [OHM]	5320.000 [CPS]
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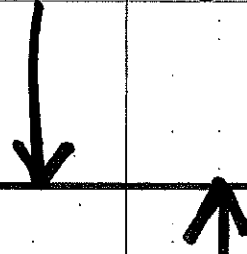
Sump

650
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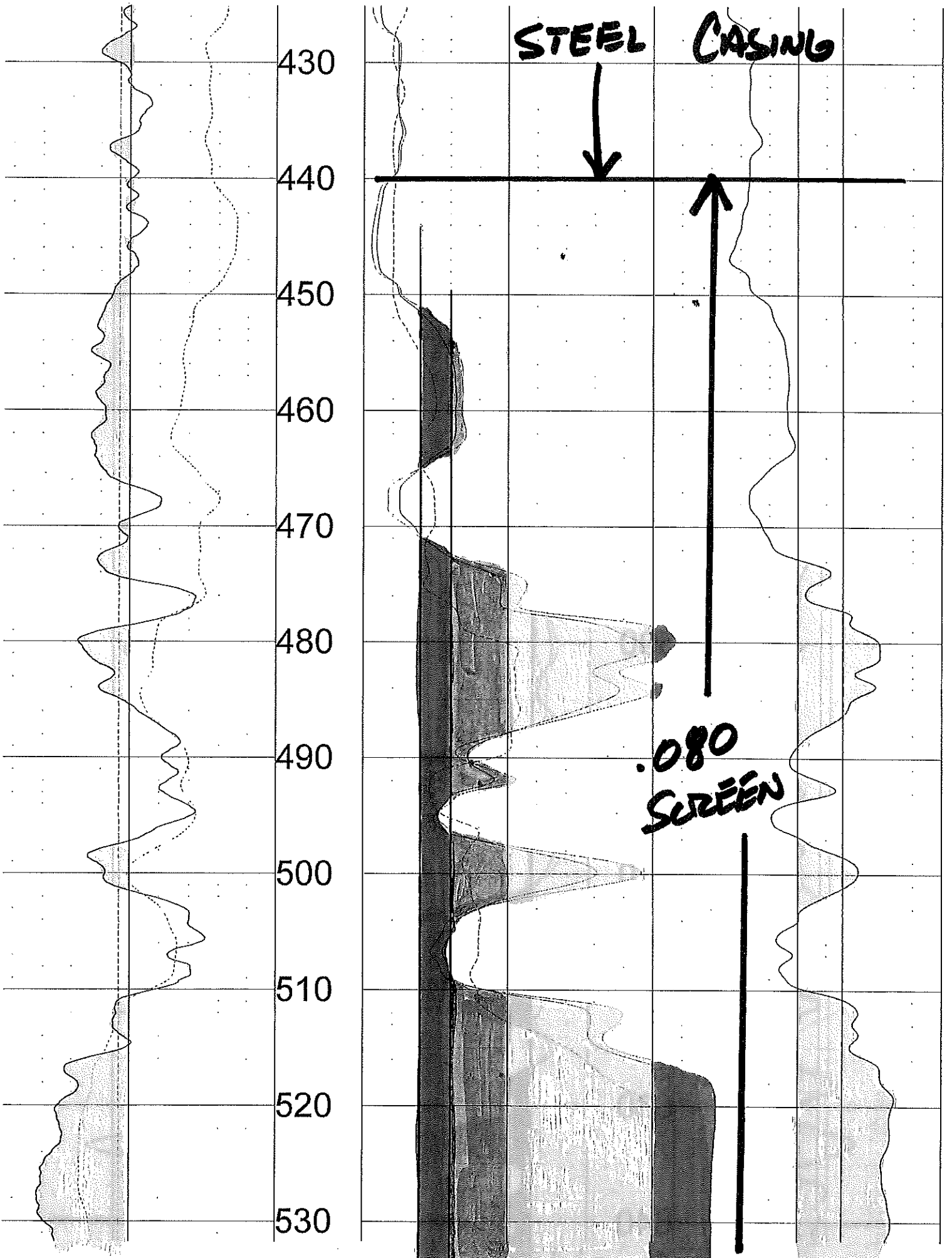


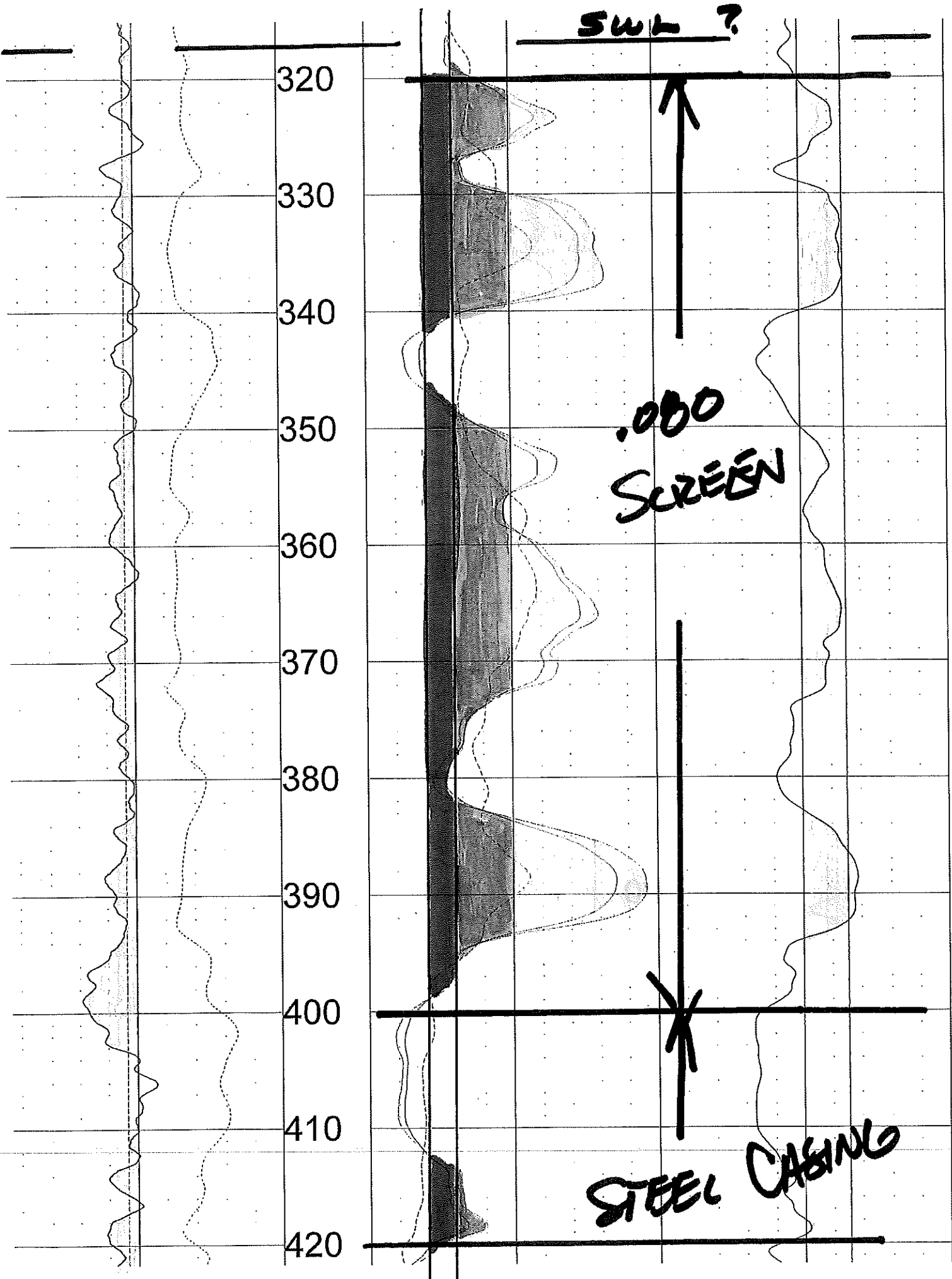
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STEEL CASING



**.080
SCREEN**





SWL ?

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SCREEN

STEEL CASING

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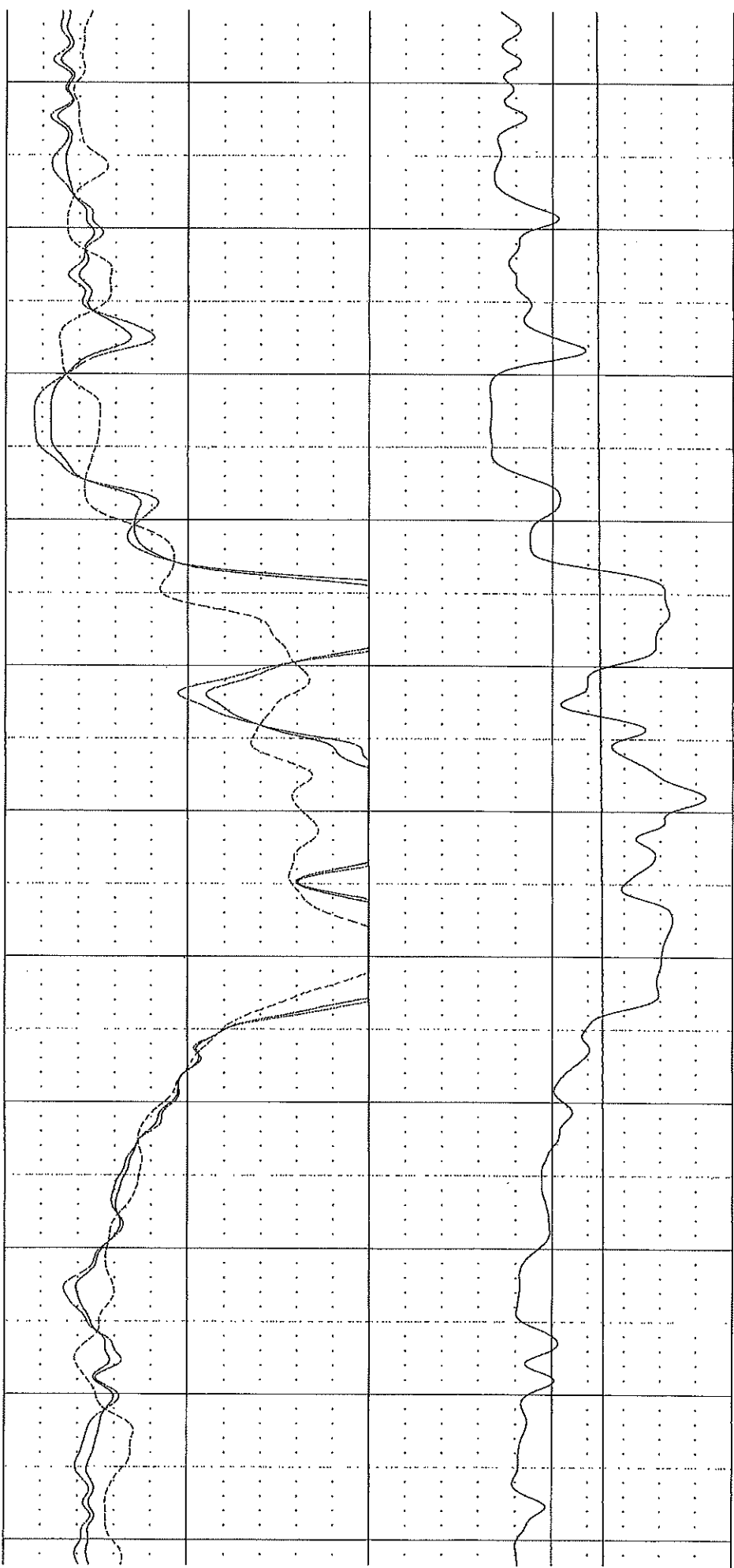
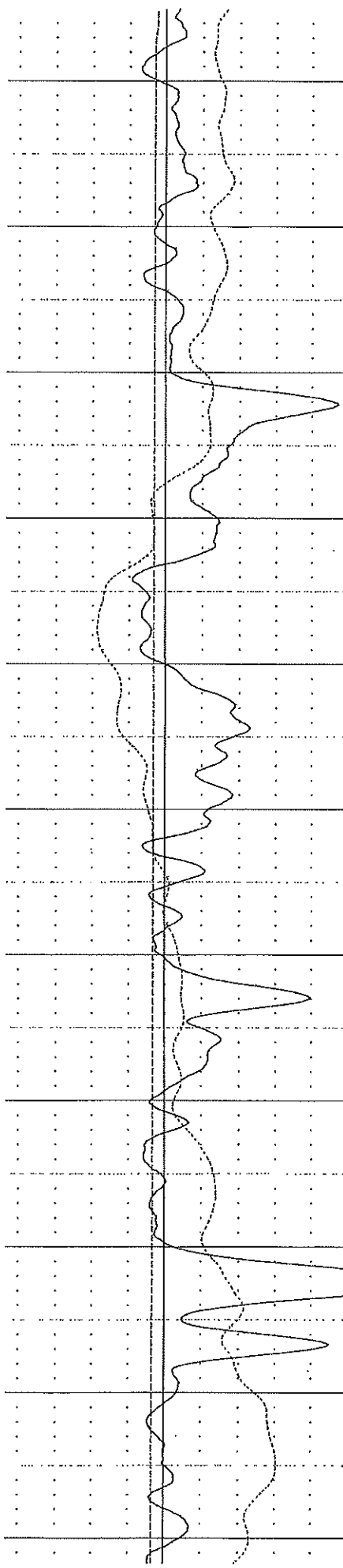
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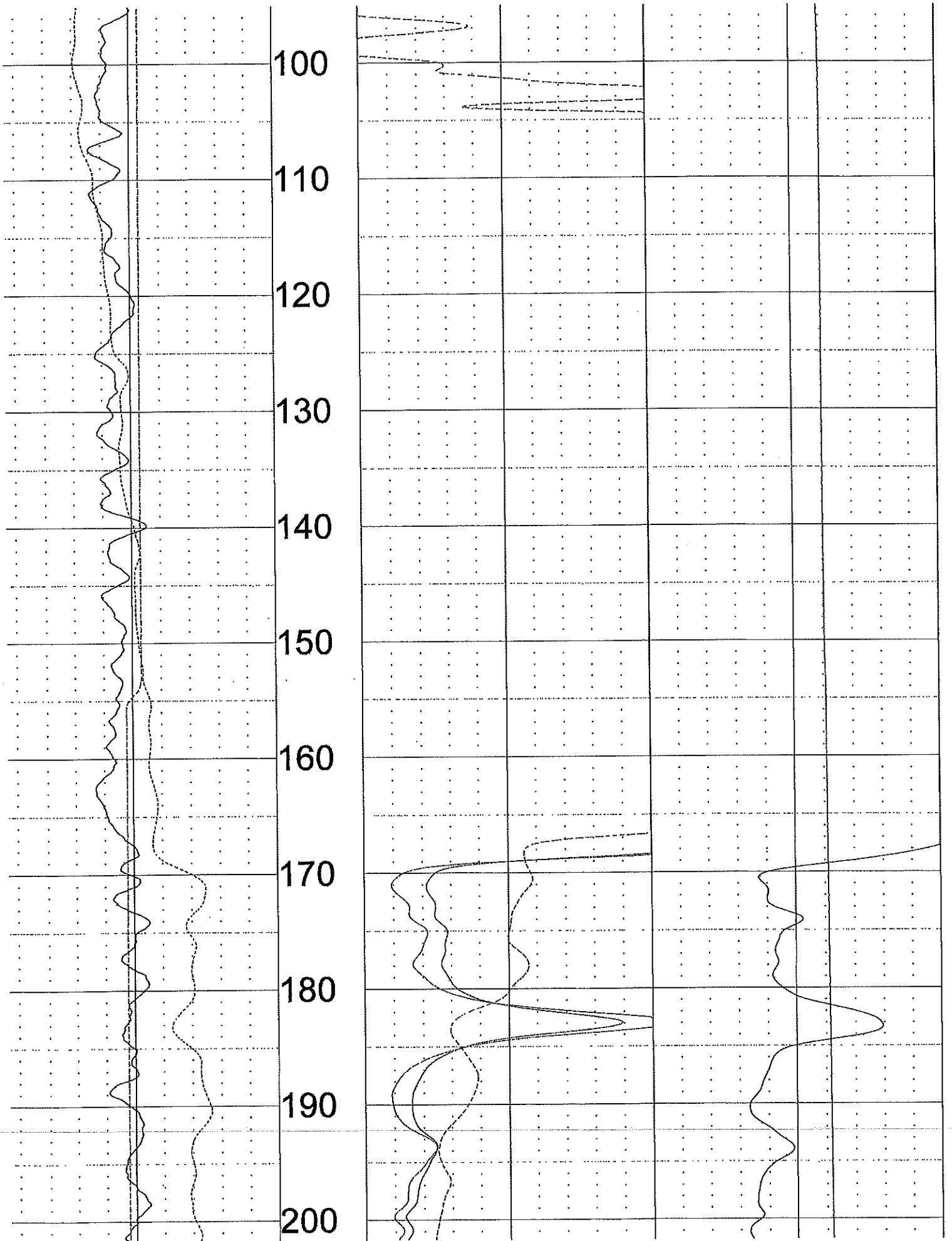
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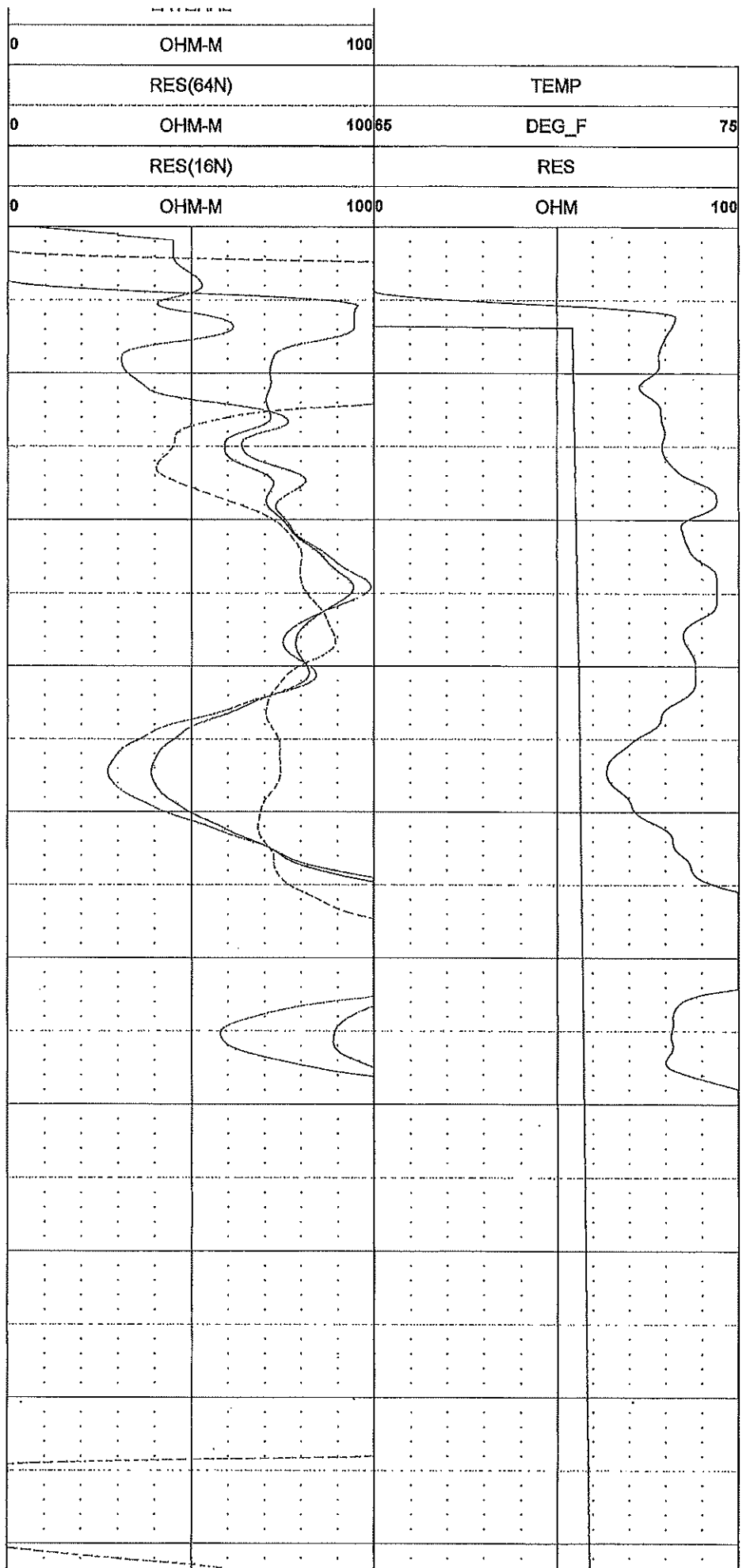
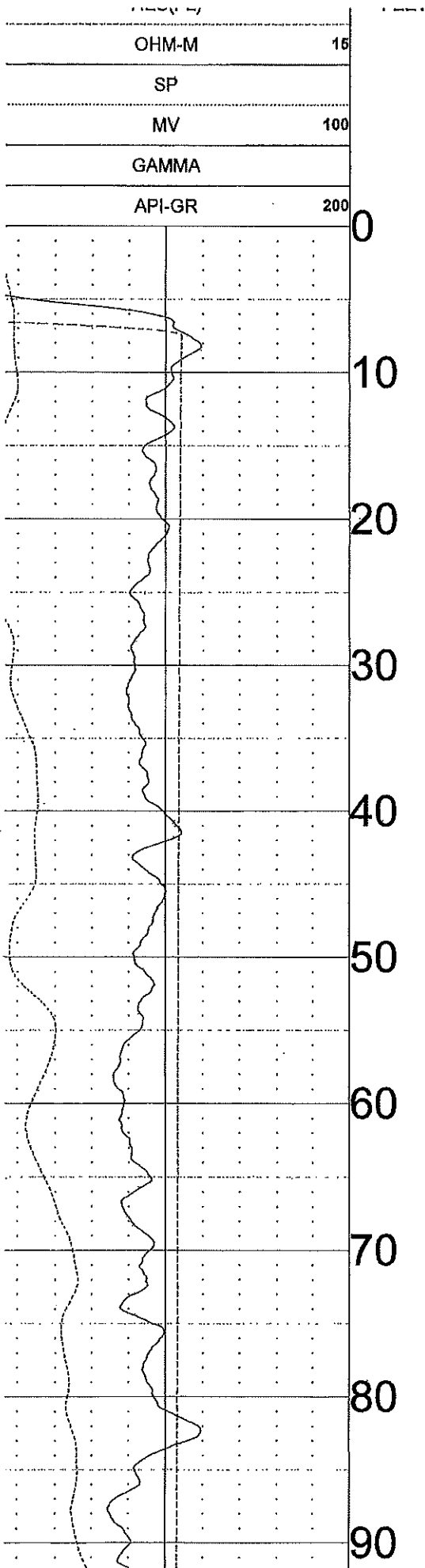
290

300

310









Century GEOPHYSICAL CORP.

COLLINGWOOD TRUST

COMPANY : DOWNEY DRILLING INC
WELL : COLLINGWOOD TRUS
LOCATION/FIELD :
COUNTY : HASKELL
LOCATION : W 1/2
SECTION : 24

OTHER SERVICES:

TOWNSHIP : 27S RANGE : 33W

DATE : 10/25/17
DEPTH DRILLER : 820
LOG BOTTOM : 822.4
LOG TOP : 0.0

PERMANENT DATUM : GL

KB :
DF :
GL :

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL


CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 1319
FIELD OFFICE : DDI
RECORDED BY : DAVE

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

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

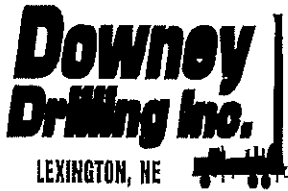
FILE : ORIGINAL
TYPE : 8144A
LGDATE: 10/25/17
LGTIME : 14:07:
THRESH: 99999

 37 41 09.0 N
- 100 53 16.0 W

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

WELL LOG

DATE: 10/24/2017



CUSTOMER NAME: COLLINGWOOD TRUST

LEGAL: W1/2 24-27S-33W

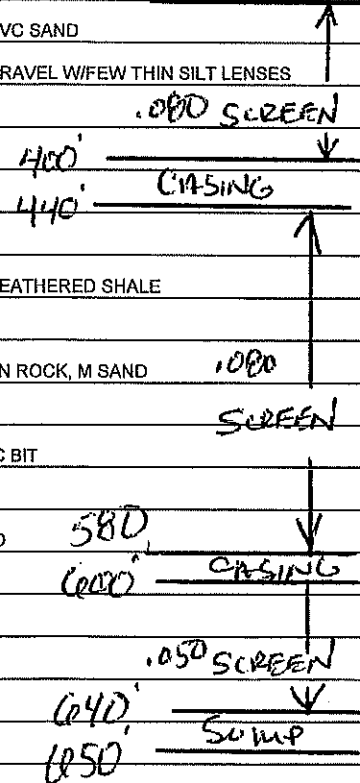
COUNTY: HASKELL

GPS: 37 41' 09" N .68583
 -100 53' 16" W .887

DRILLER: CHRIS P

WO#: 17-752

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOP SOIL	SOFT	BLACK	FAST		SMOOTH
	2	46	SILTY CLAY AND SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	46	70	FINE-MEDIUM SAND AND FINE GRAVEL	SOFT	RED	FAST		SMOOTH
X	70	85	MEDIUM SAND AND MEDIUM-COARSE GRAVEL	SOFT	RED	FAST		CHATTER
X	85	95	MEDIUM-COARSE GRAVEL	SOFT	RED	FAST		CHATTER
X	95	115	FINE-MEDIUM-COARSE-VERY COARSE GRAVEL	SOFT	RED	FAST		CHATTER
	115	130	FINE-MEDIUM GRAVEL WITH A TRACE OF MEDIUM SAND	SOFT	RED	FAST		CHATTER
	130	146	FINE-MEDIUM GRAVEL AND SAND	SOFT	RED	FAST		CHATTER
	146	177	FINE-MEDIUM-COARSE GRAVEL AND SOME SAND	SOFT	RED	FAST		CHATTER
	177	190	FINE-MEDIUM SAND AND GRAVEL	SOFT	RED	FAST		CHATTER
	190	209	SANDY CLAY WITH A TRACE OF COARSE GRAVEL	SOFT	TAN	SLOW		CHOPPY
	209	247	SANDY CLAY, TRACE OF MAG, AND GRAVEL LAYERS	SOFT	TAN	FAST		CHOPPY
	247	258	SANDY CLAY AND MAG LAYERS	HARD	WHITE	SLOW	X	CHOPPY
X	258	283	SILT, SANDY CLAY, AND MAG LAYERS	FIRM	WHITE	SLOW		CHOPPY
	283	302	SILTY CLAY	SOFT	DARK GRAY	FAST		SMOOTH
	302	321	SANDY CLAY AND SMALL GRAVEL LAYERS	SOFT	RED	SLOW		CHOPPY
	321	342	FINE-TR. MEDIUM GRAVEL, M-C-VC SAND	SOFT	RED	FAST		CHATTER
	342	358	C-VC SAND, FINE-TR. MEDIUM GRAVEL W/FEW THIN SILT LENSES	SOFT	TAN	SLOW		CHATTER
	358	395	FINE-MEDIUM SAND AND SILT	SOFT	RED	SLOW		CHATTER
X	395	425	SANDY CLAY AND SILT	SOFT	TAN	SLOW		SMOOTH
X	425	473	SANDY CLAY	FIRM	TAN	SLOW		SMOOTH
	473	478	CEMENTED SAND W/M-C SAND	HARD		SLOW		CHOPPY
	478	493	M SAND, TR BROWN ROCK W/WEATHERED SHALE	FIRM	BROWN	SLOW		SMOOTHER
	493	494	CEMENTED SAND	HARD	WHITE	SLOW		CHOPPY
	494	514	WEATHERED SHALE, TR. BROWN ROCK, M SAND	FIRM	BROWN	SLOW		SMOOTHER
	514	540	M-C SAND SANDSTONE	FIRM	GRAY	FASTER		SOME CHATTER
			10/26/2017 CHANGED TO PDC BIT					
	540	555	M-C SAND SANDSTONE	SEMI FIRM	BROWN	SEMI FAST		SOME CHATTER
	555	577	SANDSTONE WITH M-C-VC SAND	SOFTER		FASTER		SOME CHATTER
	577	611	SHALE	FIRM	GRAY	SLOW		SMOOTH
X	611	636	F-TR.M SAND W/SHALE LENSES	FIRM	GRAY	FASTER		NOT AS SMOOTH
	636	641	SHALE AND LIMESTONE LAYER	FIRM	GRAY	SLOW		CHOPPY
X	641	649	SHALE AND SAND LAYERS	SOFT	GRAY	FAST		CHOPPY
X	649	652	SHALE AND LIMESTONE	FIRM	GRAY	SLOW		CHOPPY
X	652	676	SHALE	FIRM	GRAY	SLOW		SMOOTH



COLLINGWOOD TRUST

Write a description for your map.

Legend

- 24
- 📍 Feature 1
- KS
- 📏 Line Measure

NEW WELL LOCATION

📍 7TH #1 37°41'9.24"N 100°53'17.38"W

📍 WELL FILE #18492 37°41'8.80"N 100°53'13.70"W



200 ft