

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

1. File Number: 19356	2. Status Change Date: <i>8-16-2024</i>	3. Change Num: C8	4. Field Office: 4	5. GMD: 1
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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: 7/17/2024
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8a. Applicant(s), Landowner, WUC New to system <input type="checkbox"/> Person ID <u>19777</u> Add Seq# _____ CHARLES L & CAROLYN J WITHERS 6655 LAMAR RD RENO, TX 75462-7110	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
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8b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	8d. Landowner 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: 12/31/2024 N & P Date to Comply: 3/1/2025

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: **8/16/2024** By: **MAM**
 Date Entered: _____ By: _____

File No. **19356** 11. County: **HS** Basin: **ARKANSAS RIVER** 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

CHK	MOD	DEL	PDIV	Qualifier	S	T	R	ID	'N	'W	Comment (AKA Line)	Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
DEL				40626												
ENT				NWSWSW	1	30	34W		1411	5182		945	320	945	314	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				
CHK																									
CHK																									

Base Acres: **307.46** 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

August 16, 2024

CHARLES L & CAROLYN J WITHERS
6655 LAMAR RD
RENO, TX 75462-7110

RE: Filed Office Application for Change
Water Right, File No. 19356

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.

Also, as a reminder, please comply to all water right conditions.

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 blue ink signature of Michael A. Meyer, written in a cursive style.

Michael A. Meyer
Water Commissioner

MAM

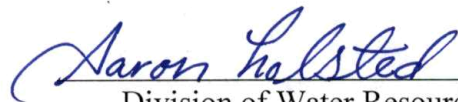
Pc: GMD3

CERTIFICATE OF SERVICE

On this 16th day of August 2024, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 19,356 dated 16th day of August 2024 was mailed postage prepaid, first class, US mail to the following:

CHARLES L & CAROLYN J WITHERS
6655 LAMAR RD
RENO, TX 75462-7110

pc: GMD3



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. 19356

RECEIVED
 1:00 pm
 JUL 17 2024

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

Place of Use Point of Diversion

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

The source of supply is: Groundwater Surface water

Garden City Field Office
 Division of Water Resources

2. Name and address of Applicant: CHARLES L & CAROLYN J WITHERS

6655 LAMAR RD, RENO, TX 75462-7110

Phone Number: () Email address: _____

Name and address of Water Use Correspondent: Same

Phone Number: () Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: Same

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	
(This table is crossed out with a diagonal line from the top-left to the bottom-right.)																			

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	
(This table is crossed out with a diagonal line from the top-left to the bottom-right.)																			

For Office Use Only: Code CGT Fee \$ 200.00 TR # _____ Receipt Date 7-17-24 Check # 12097

5. **Presently authorized point of diversion:**
 One in the CW Quarter of the SW Quarter of the NW Quarter
 of Section 1 , Township 30 South, Range 34 W,
 in HS County, Kansas, 3650 feet North 5160 feet West of Southeast corner of section.
 Authorized Rate NO change Authorized Quantity No change Depth of well 521 (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 NW Quarter of the SW Quarter of the SW Quarter
 of Section 1 , Township 30 South, Range 34 W,
 in County, Kansas, 1411 feet North 5182 feet West of Southeast corner of section.
 Proposed Rate NO change Proposed Quantity No change Proposed well depth (feet) 660 .
 This point is: Additional Well Geo Center List other water rights that will use this point N/A .

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?

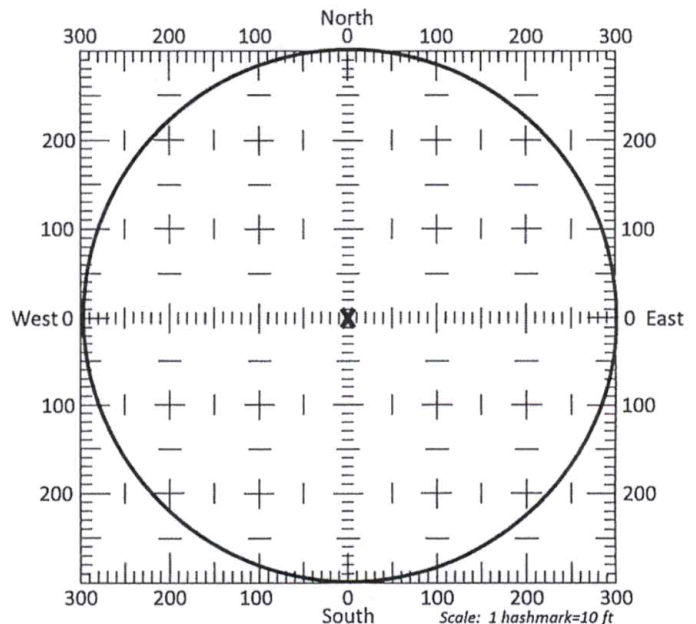
10. If the point of diversion is a well:
 (a) What are you going to do with the old well?

 (b) When will this be done? _____

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by mdf/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.)

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. 19356.

1. A change application was received on July 17, 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 300 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 2640 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: 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: AUGUST 16, 2024

State of Kansas)

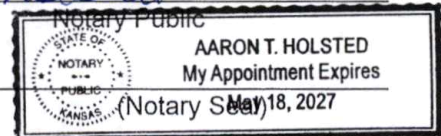
County of Linn) SS

Acknowledged before me on August 16, 2024

by Michael A Meyer

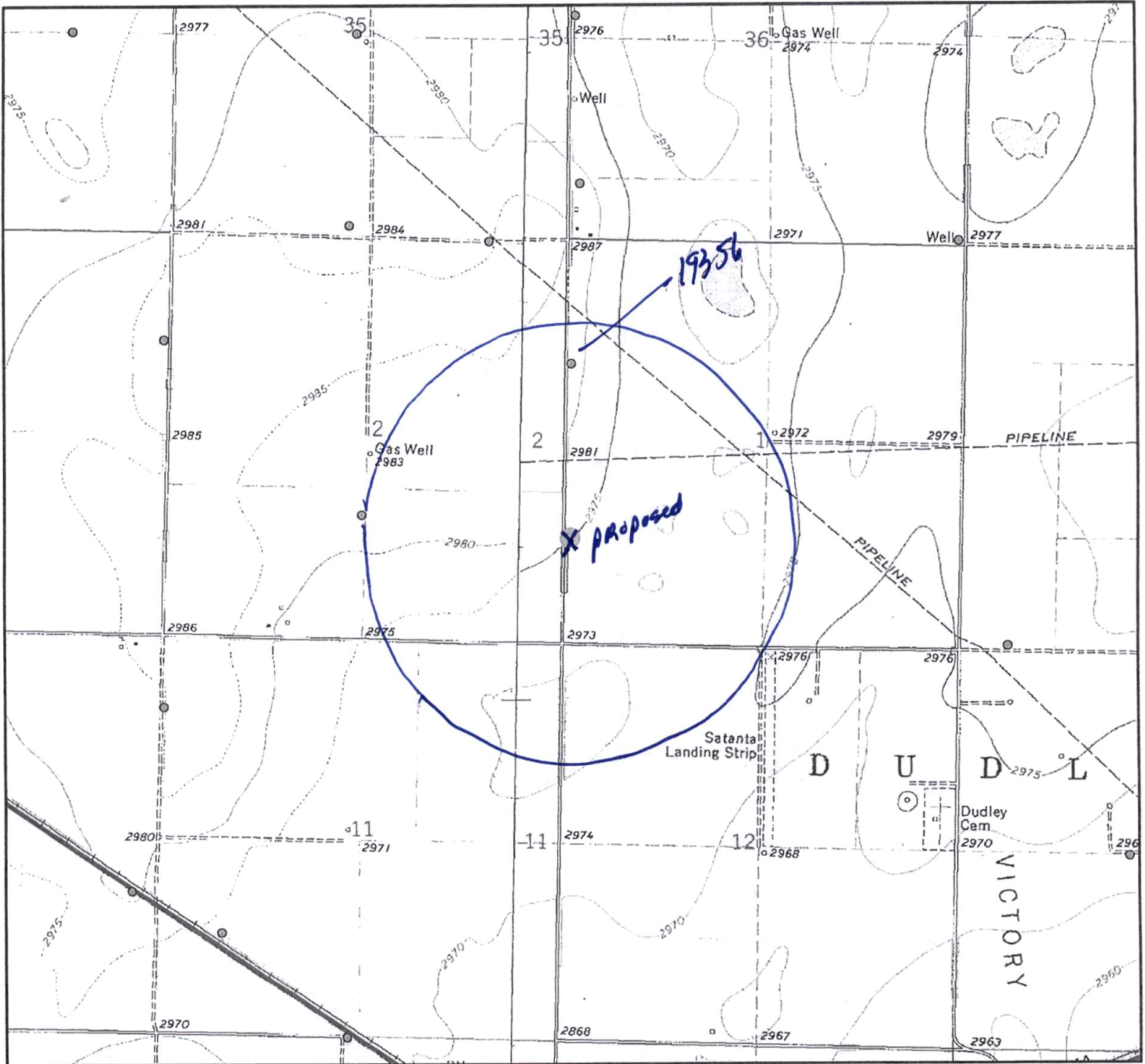
Signature: Aaron Holsted

My commission expires: _____

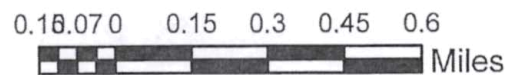


CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 19356

SW 1/4 of Section 1, Township 30 South, Range 34 West, HS County



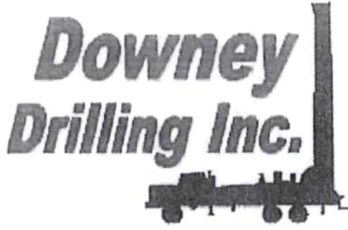
- Authorized Point of Diversion
- Proposed Point of Diversion



All wells of any kind within 1/2 mile of the requested place of use have been plotted.

(Signature)

Date



CUSTOMER NAME: CHARLES WITHERS

TH#1-24

LEGAL: W 1/2 1-30S-34W

COUNTY: HASKELL CO, KS

GPS: 37.464303

-100.998082

DRILLER: DIEGO

WO: 24-568

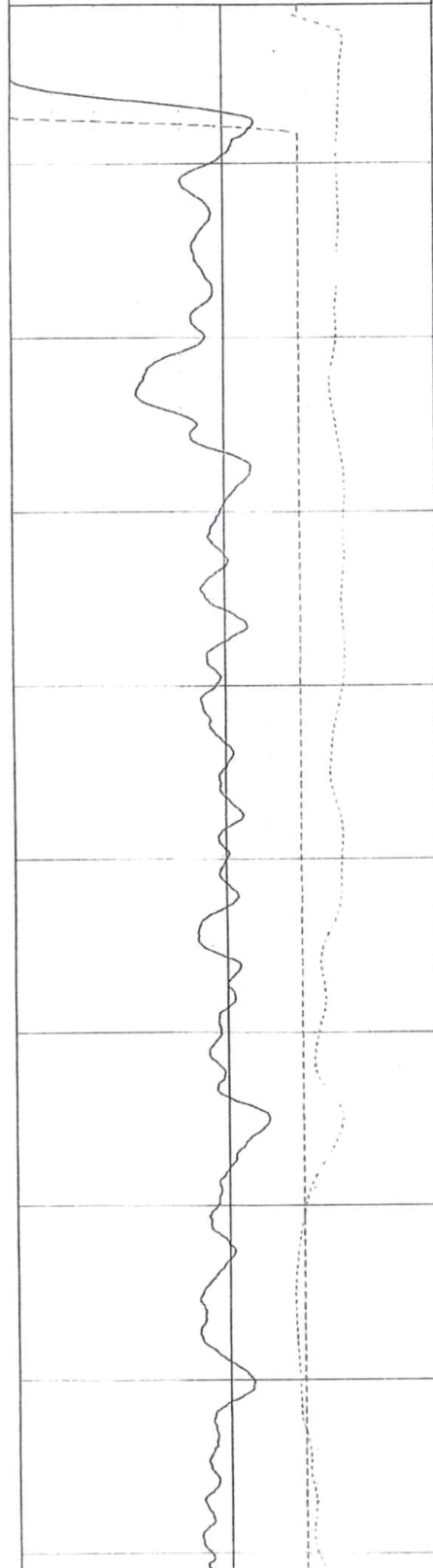
V	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	3	TOP SOIL	SOFT	BROWN	FAST		SMOOTH
	3	10	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	10	25	FINE SAND W/ SANDY CLAY	SOFT	WHITE	FAST		VIBRATION & SMOOTH
	25	35	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH & VIBRATION
	35	47	FINE-MED SAND	SOFT		FAST		CHOPPY
	47	54	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	54	73	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	73	94	FINE-MED-COARSE GRAVEL	STIFF		FAST		CHATTER
	94	101	SANDY CLAY W/ LIME ROCK	FIRM	BROWN & WHITE	FAST		SMOOTH & SLIGHT CHATTER
	101	109	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	109	115	FINE-MED-COARSE GRAVEL	STIFF		FAST		CHATTER
	115	120	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	120	173	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	173	186	FINE-MED-COARSE GRAVEL W/ BIG ROCKS	HARD		SLOW		CHATTER
	186	194	SANDY CLAY W/ FINE SAND	SOFT		FAST		SMOOTH & VIBRATION
	194	205	FINE-MED-COARSE GRAVEL W/ BIG ROCKS	HARD		SLOW		CHATTER
	205	215	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	215	345	FINE-MED-COARSE SAND W/ FINE GRAVEL	FIRM		FAST		FAST CHATTER
	345	365	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	365	381	SANDY CLAY W/ LIME ROCK & FINE SAND	FIRM	TAN & WHITE	FAST		SMOOTH & CHOPPY
	381	432	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH & VIBRATION
	432	475	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	475	485	FINE SAND W/ SANDY CLAY	SOFT	TAN	FAST		VIBRATION & SMOOTH
	485	484	BROWN ROCK	STIFF	BROWN	FAST		CHATTER
	484	505	WEATHERED CLAY W/ BROWN ROCK	SOFT	YELLOW & BROWN	SLOW		SMOOTH & CHOPPY
	505	530	SHALE W/ SANDSTONE TRACE	SOFT	BLUE	SLOW		SMOOTH
	530	550	SOAPSTONE W/ SANDSTONE & FINE SAND	FIRM	BLUE	FASTER		CHOPPY
	550	625	SANDSTONE W/ FINE SAND	STIFF	GRAY	FAST		FAST CHATTER
	625	630	GREEN CLAY	HARD	GREEN	SLOW		CHATTER
	630	660	RED BED	HARD	RED	SLOW		CHATTER
			QG - 6					
			WATER LOADS - 2					
			SA - 1/2					
			HOLE PLUG - 2 CS - 1					

RES(FL)		
5	OHM-M	15
SP		
-200	MV	100
GAMMA		
0	API-GR	200

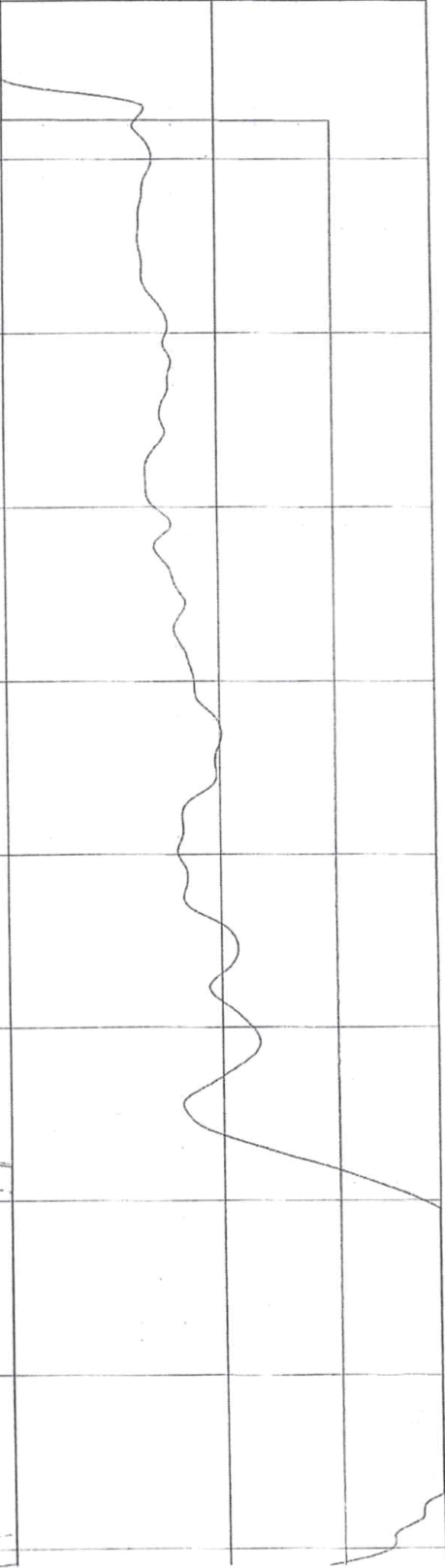
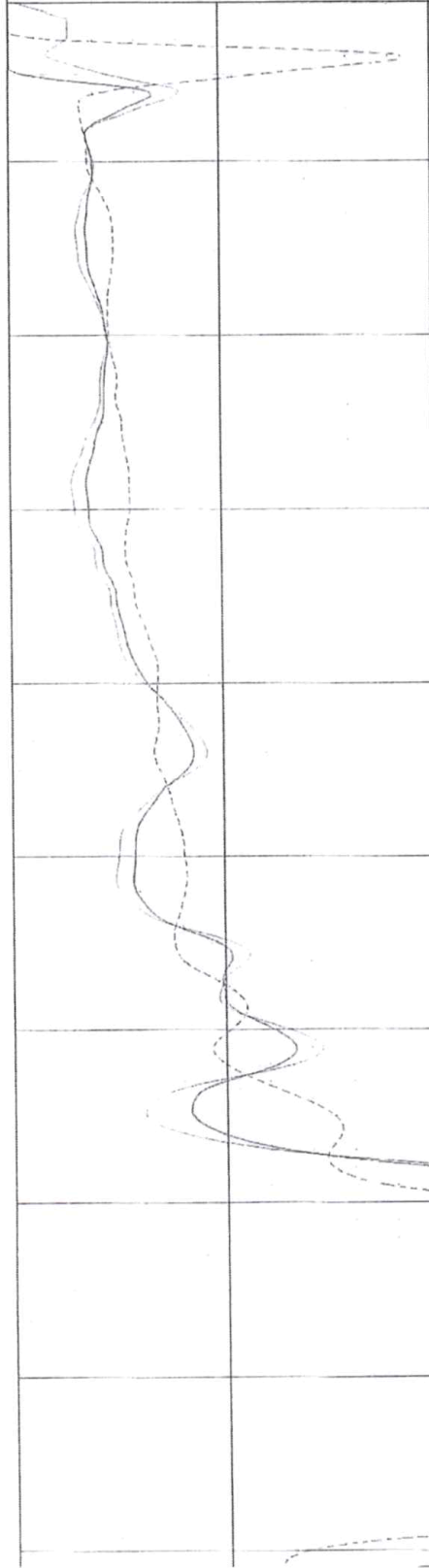
FEET

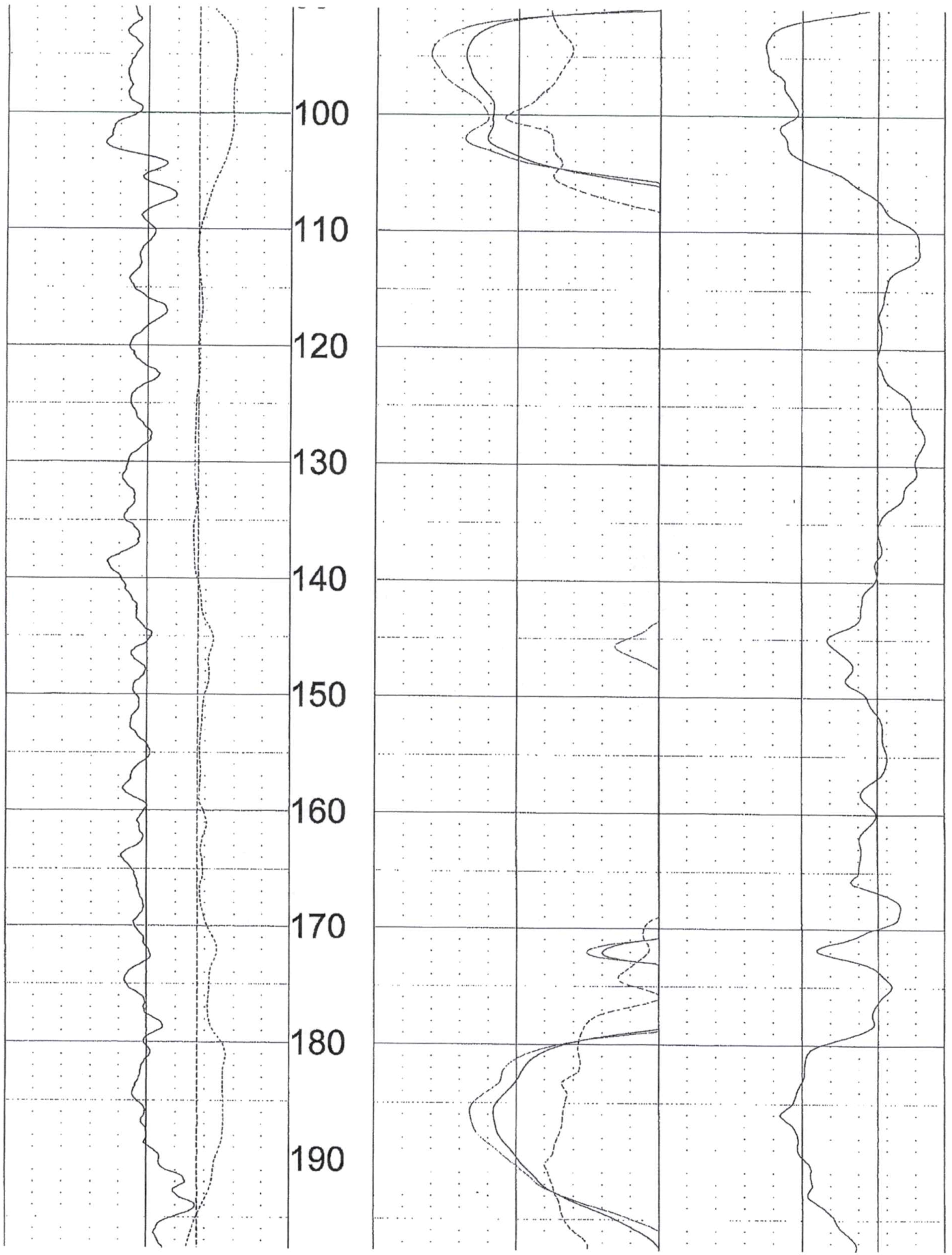
LATERAL		
0	OHM-M	100
RES(64N)		
0	OHM-M	100 65
RES(16N)		
0	OHM-M	1000

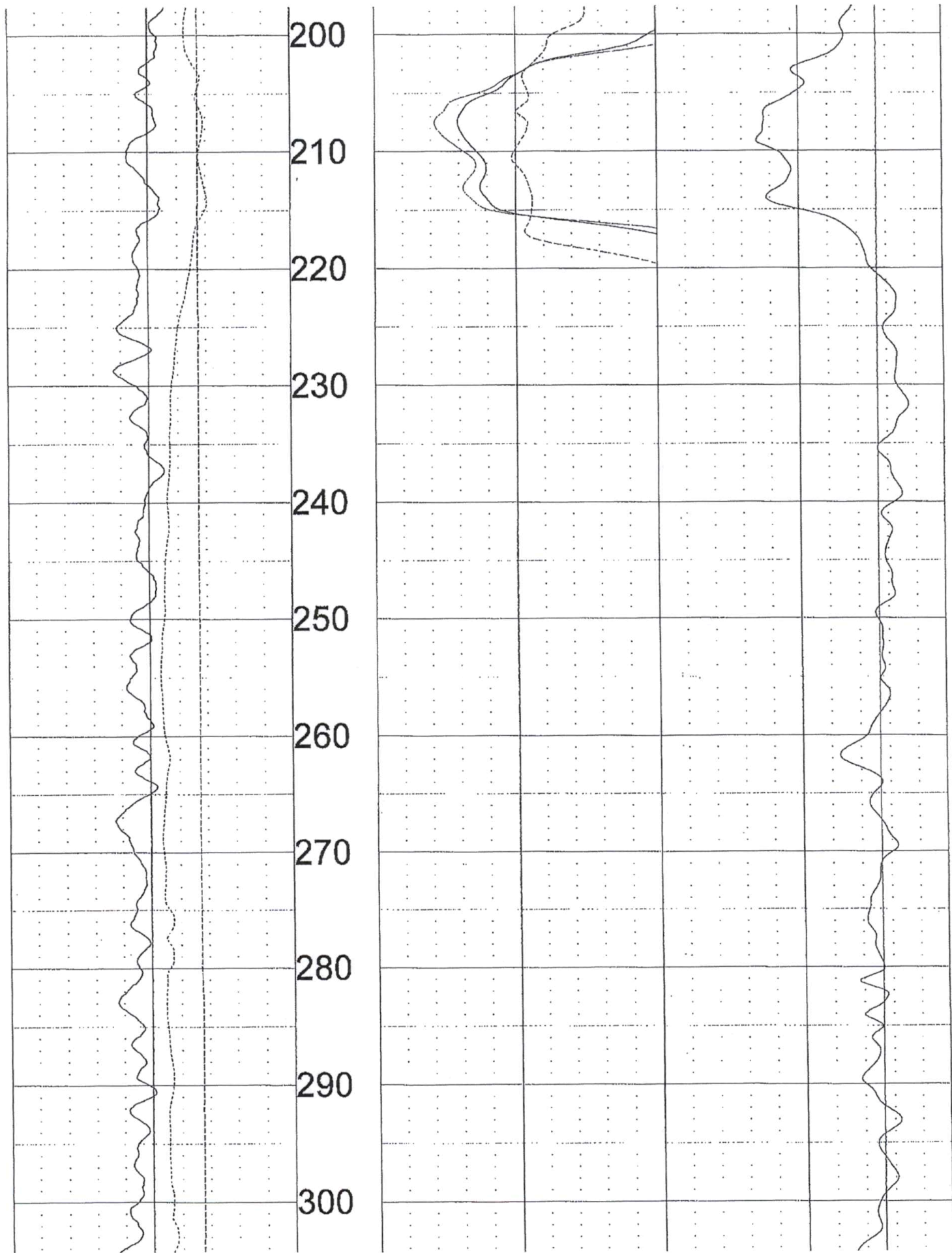
TEMP		
	DEG_F	75
RES		
	OHM	100

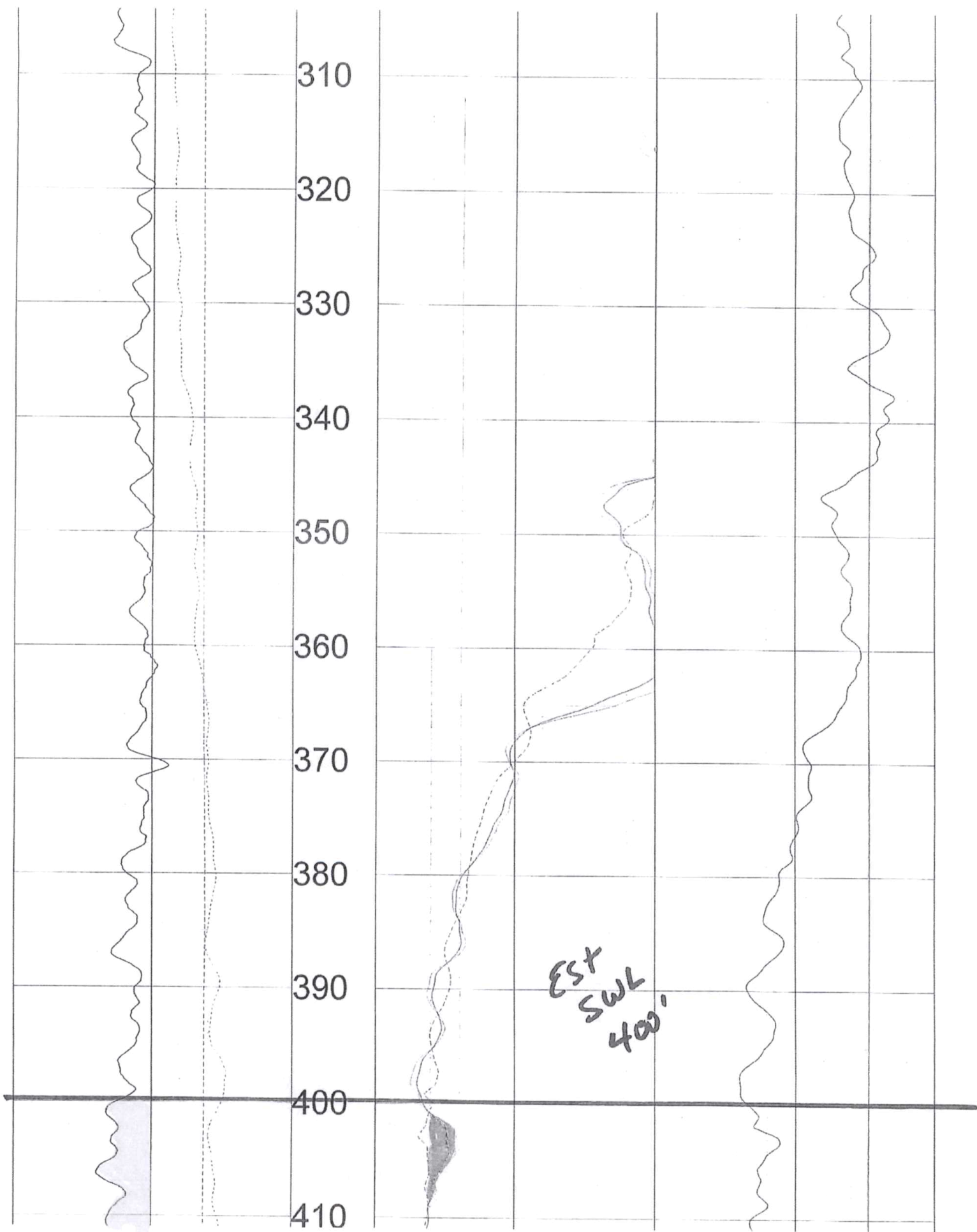


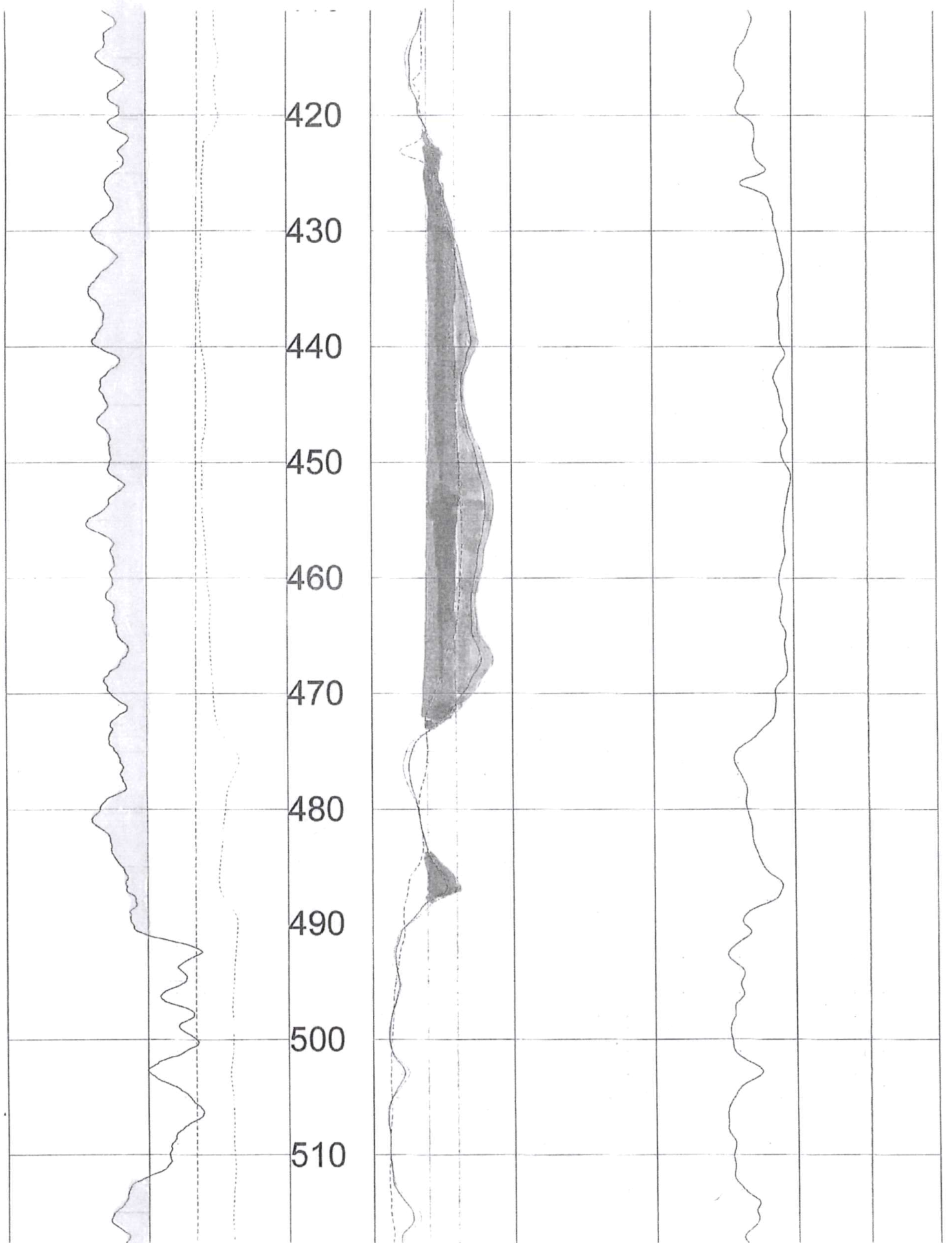
0
10
20
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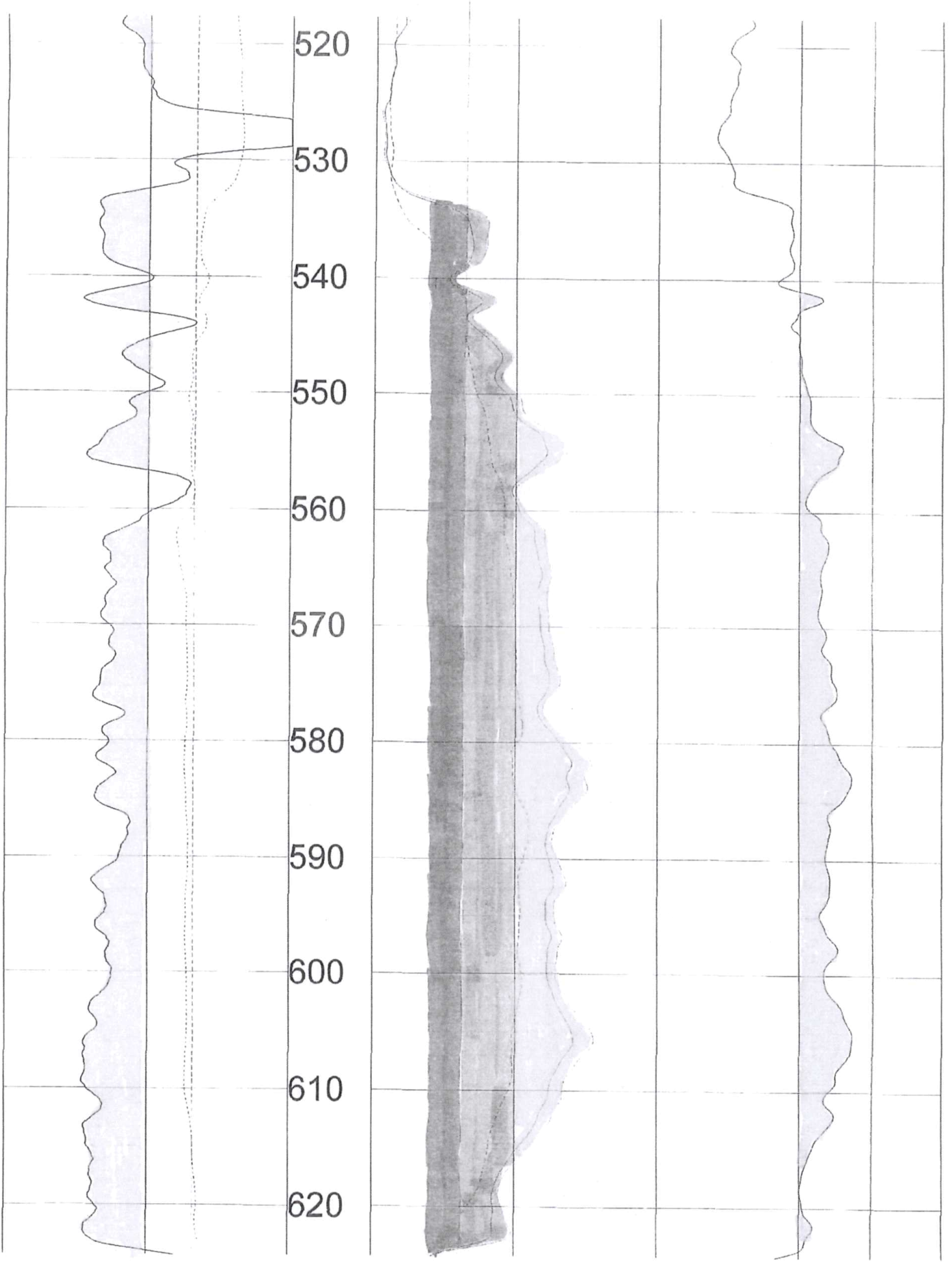


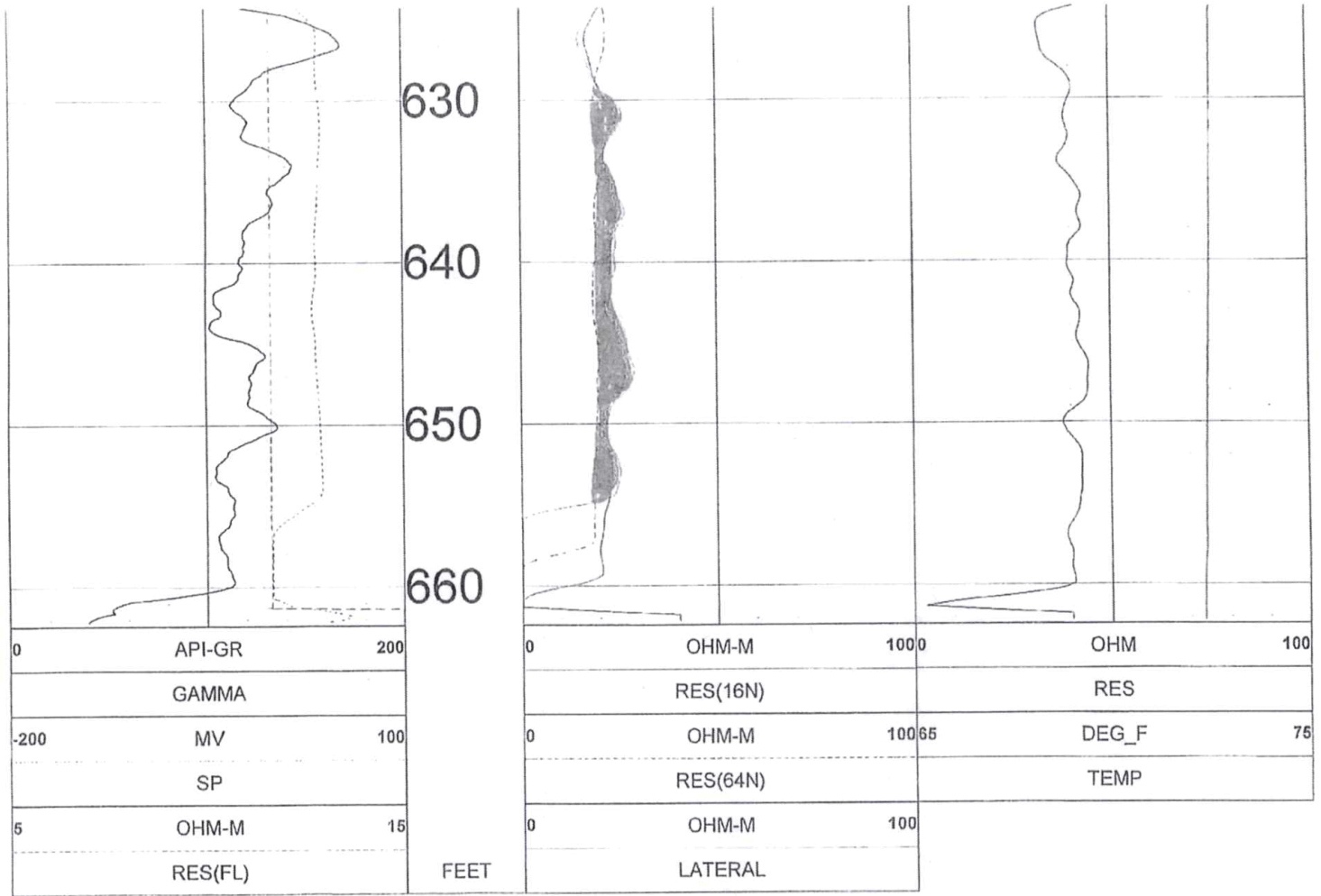












TOOL CALIBRATION CHARLES WITHERS 06/27/24 16:59

TOOL 8144A TM VERSION 3002

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]



Century GEOPHYSICAL CORP.

CHARLES WITHERS

COMPANY : DOWNEY DRILLING INC
WELL : CHARLES WITHER
LOCATION/FIELD : TH#1-24
COUNTY : HASKELL
LOCATION : W 1/2 AS
SECTION : 1

OTHER SERVICES:

TOWNSHIP : 30S RANGE : 34W

DATE : 06/27/24
DEPTH DRILLER : 660
LOG BOTTOM : 662.30
LOG TOP : 0.90

PERMANENT DATUM : GL

LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

KB :
DF :
GL : 2820

CASING DIAMETER : 10.
CASING TYPE : SURFACE
CASING THICKNESS:

LOGGING UNIT : 2310
FIELD OFFICE : O'DRISCOL
RECORDED BY : DIEGO

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

BOREHOLE FLUID : MUD
RM : .179
RM TEMPERATURE : 68.5
MATRIX DELTA T : 49

FILE : ORIGINAL
TYPE : 8144A
LGDATE: 06/27/24
LGTIME : 16:59:
THRESH: 99999

GPS 37.464303 -100.99808

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

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

July 22, 2024

SOUTHWEST KANSAS GROUNDWATER
MANAGEMENT DISTRICT NO. 3
2009 E SPRUCE ST
GARDEN CITY KS 67846

Re: Request for Recommendation
Water Right, File No. 19356

Dear Mr. Norquest:

This is to advise you that Charles Withers has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, to change the point of diversion.

We are delaying action on the change applications to allow you time to review and provide a recommendation. Please submit a recommendation within 15 days from the date of this letter.

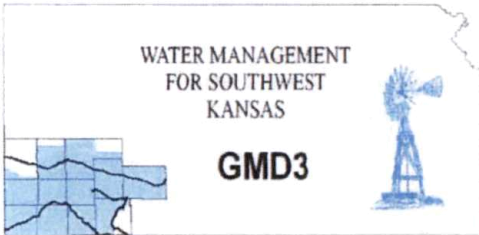
Thank you and as always feel free to contact this office at any time.

Sincerely,

A handwritten signature in blue ink that reads "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
Enclosures



Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone
www.gmd3.org

May 28, 2024

Michael A. Meyer
Division of Water Resources
4532 W Jones Ave., Suite B
Garden City, Kansas 67846

RE: Application for Change in Point of Diversion
Water Right, File No. 19356

Dear Mike:

RECEIVED

AUG 02 2024

Garden City Field Office
Division of Water Resources

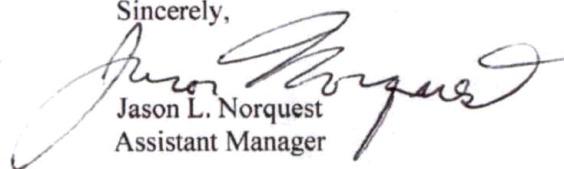
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the management program. Under K.S.A. 82a-708b, an applicant requesting a change in point of diversion must demonstrate to the chief engineer that any proposed change is reasonable and will not impair. The enclosed report is an analysis performed by the GMD on behalf of our membership. Under this analysis, the proposed change is considered to be reasonable and unlikely to impair if either the net in-season well-to-well effect of the proposed change is less than a strict maximum allowable threshold (4.0 ft with saturated thickness is greater than 200ft), or if no well with a net well-to-well effect exceeding the threshold is identified as critical. Critical wells are identified as wells that are expected to either lose or greatly diminish water supply over the next 25 years. The attached review information is based on a Theis analysis using inputs from the GMD3 aquifer model, which is considered to be the best information on well and aquifer data readily and easily available to the public. If either the applicant or the neighbors believe they have better data that might change the result of the analysis, they should contact GMD3. Conclusions of the well analysis may change if better information on well and aquifer data can be made available.

Every neighboring well within 1 mile of the proposed move was evaluated. Evaluations showed that none of the neighboring wells exceeded the net effect above the maximum allowable threshold and needed no further evaluation. No critical wells were determined. Therefore, GMD3 sees these moves as meeting current rules and would recommend approval with better information given to ensure that neighboring wells are not adversely affected. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

Thank you for the opportunity to review the applications and to provide a recommendation. If you have any questions, please don't hesitate to contact us.

Sincerely,



Jason L. Norquest
Assistant Manager

GMD3 Change Review

File No(s): 19356. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Charles Withers.

If NO, is documentation included?

Is Water Use Correspondent correct in WRIS? .

If NO, is documentation included?

Regulation(s) Reviewed: KAR 5-23-3

Point of diversion ID No(s) 01 being changed.

	ft. North	ft. West	
Authorized PD	3650	5160	Sect 1-30-34
Proposed PD	1411	5182	
Difference	2239 s	-22	
a2 + b2 = c2	5013121	484	2239.108 foot move S

GPS for proposed PD: Lat: 37.464303 Long: -100.998082.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name KP Land Company LLC (3458).

Address 263 RD 140.

Zip Satanta, KS 67870.

Email: paige.a.clawson@gmail.com Phone: .

Name Charles & Carolyn Withers (4300).

Address 6655 Lamar RD.

Zip Reno, TX 75462.

Email: crazy_house@hotmail.com Phone: .

Name Light Investment LLC %Phillip Light (7422).

Address PO Box 2797.

Zip Liberal, KS 67905.

Email: charla.light@gmail.com Phone: .

Name Clawson Haskell Co #4 (14183).

Address PO Box 279.

Zip Plains, KS 67869.

Email: jeanne@clawsonoffice.com Phone: .

Domestic well(s) notified: .

Name .

Address .

GMD3 Change Review

Zip ____.

Base Acres: ____.

Perfected Acres: ____.

Irr. Return-Flow ____%

Haskell County

Authorized 320AF @ 945gpm. Limited to 634AF w/4300

Avg reported use (2014-2023): 225.7AF/year

450gpm reported on 2017 WUR

Well not running during most recent GMD3 inspection

Proposed depth: 660'

Is a waiver needed: Move is less than half mile. Minimum spacing to neighboring wells appears met. Analysis shows possible effects well within guidelines, no critical wells.

Recommendation: After review of available information, it appears current area rules are met. Staff therefore recommends approval of the application.



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Division of Water Resources

Water Rights and Points of Diversion Within 1 mile of point defined as:

1411 Feet N and 5182 Feet W of the Southeast Corner of Section 1 Twp 30S Rng 34W
 Located at: 100.998081 West Longitude and 37.464303 North Latitude
 Both SURFACE WATER and GROUNDWATER

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan			
A__ AF	3458	00	IRR	NK	G		2769	--	SE	NE	SW	1605	2660	2	30	34W	7	2300	640.00	640.00
A__ AF	4300	00	IRR	NK	G		4671	--	NW	SW	SW	755	5150	36	29	34W	6	1400	320.00	320.00
A__ AF	7422	00	IRR	NK	G		3785	--	--	--	--	5150	525	2	30	34W	6	2300	640.00	640.00
A__ AF	14183	00	IRR	NK	G		5027	--	SE	SE	SW	120	2880	35	29	34W	1	2300	640.00	640.00
A__ AF	19356	00	IRR	NK	G*		2242	--	CW	SW	NW	3650	5160	1	30	34W	1	1908	320.00	314.00

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	2554.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2554.00	.00

*Minimum Spacing
Appears met*

An * after the source of supply indicates a pending application for change under the file number.
 An * after the ID indicates a 15 AF exemption was granted under the file number.
 A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.
 The number in the Batt column is the number of wells in the battery.

Water Rights and Points of Diversion Within 1 mile of point defined as:

1411 Feet North and 5182 Feet West of the Southeast Corner of Section 1 Twp 30S Rng 34W
 Located at: 100.998081 West Longitude and 37.464303 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

- > File Number Use ST SR
- > KP LAND COMPANY LLC
- > 263 RD 140
- > SATANTA KS 67870
- > CHARLES L & CAROLYN J WITHERS
- > 6655 LAMAR RD
- > RENO TX 75462
- > LIGHT INVESTMENT LLC
- > % PHILIP LIGHT OPER MGR
- > PO BOX 2797
- > LIBERAL KS 67905
- > CLAWSON HASKELL CO #4
- > PO BOX 279
- > PLAINS KS 67869
- > CHARLES L & CAROLYN J WITHERS
- > 6655 LAMAR RD

3458 Domestic too

4300 Domestic too

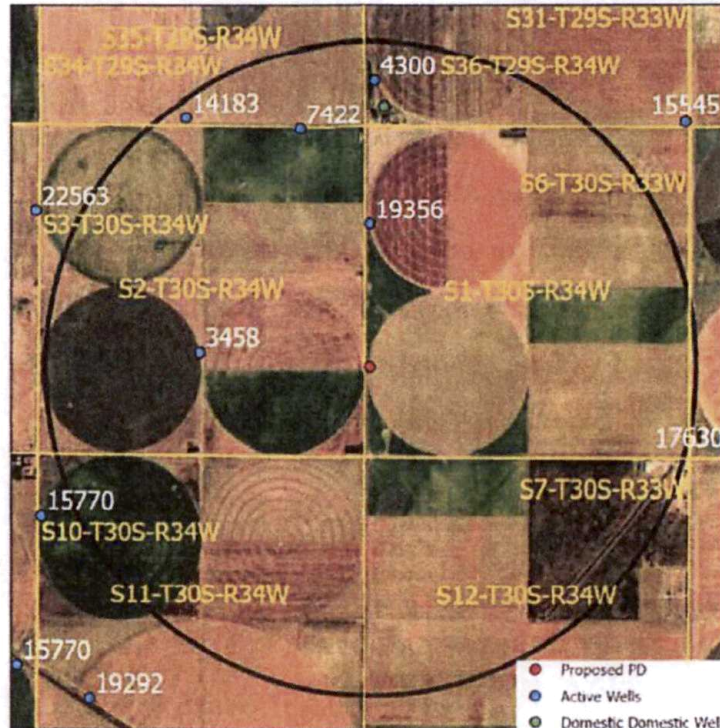
7422

14183

19356 Application

Evaluation of proposed move for Water Right No. 19356

Proposed: Move water right no. 19356 to a new well location, a distance of 2,271 ft to the south.



Wells within 1 mile: 14183, 7422, 4300, 3458, and a domestic well in section 36-29-34.

The saturated thickness at the proposed well location is estimated to be 207 ft, based upon the GMD3 model. For saturated thickness greater than 200 ft, the drawdown allowance is 4.0 ft.

50 year Theis Analysis: The following values were used to run the analysis:

$S = 0.059$, $T = 47,966 \text{ ft}^2/\text{day}$, $t_{p_{\text{current}}} = 149 \text{ days}$ (based on average use and observed rate),

$Q_{\text{current}} = 342 \text{ gpm}$ (based on 2019 field inspection), $t_{p_{\text{proposed}}} = 77 \text{ days}$, $Q_{\text{proposed}} = 945 \text{ gpm}$

Theis drawdowns were calculated as follows:

14183: Drawdown from current location = 0.53 ft
 Drawdown from proposed location = 0.82 ft
 Net drawdown = 0.3 ft

7422: Drawdown from current location = 0.65 ft
 Drawdown from proposed location = 0.94 ft
 Net drawdown = 0.3 ft

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4300: Drawdown from current location = 0.61 ft
Drawdown from proposed location = 0.86 ft
Net drawdown = 0.3 ft

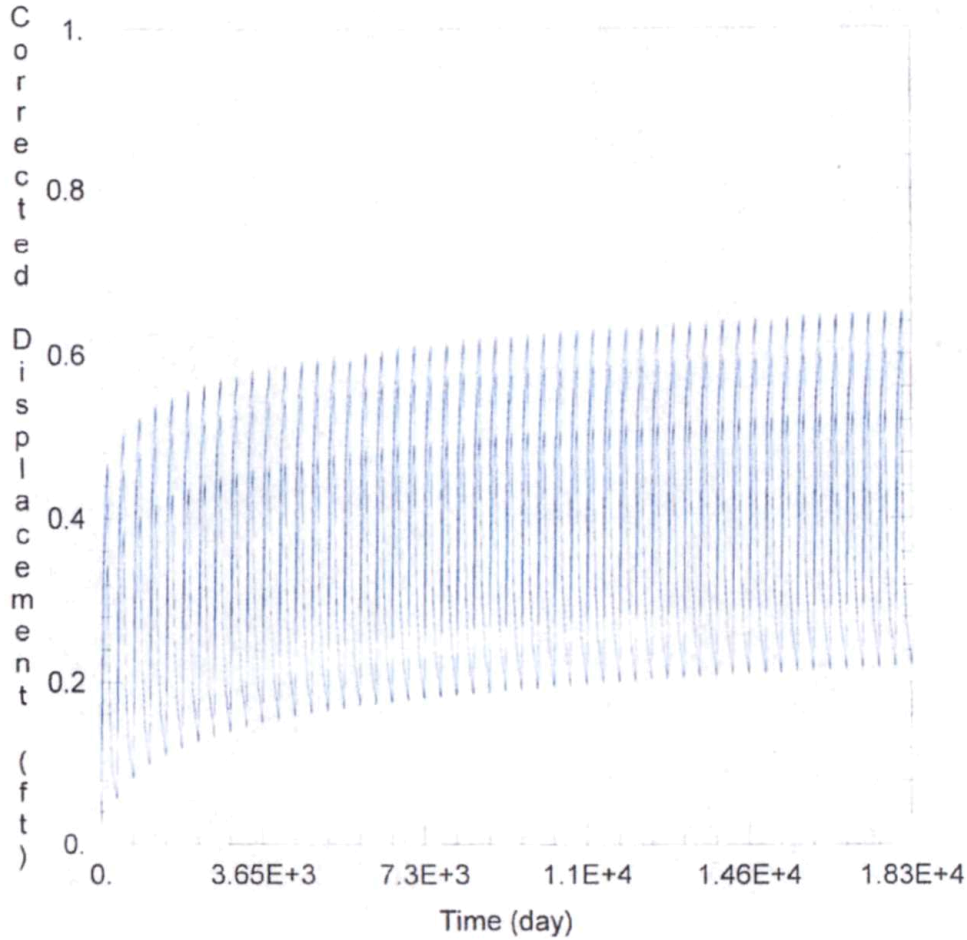
3458: Drawdown from current location = 0.53 ft
Drawdown from proposed location = 1.16 ft
Net drawdown = 0.63 ft

Domestic 36-29-34: Drawdown from current location = 0.65 ft
Drawdown from proposed location = 0.91 ft
Net drawdown = 0.3 ft

Net drawdown does not exceed the drawdown allowance of 4.0 ft for any well within 1 mile of the proposed location. Therefore, critical well analysis is not necessary.

Conclusion:

The proposed move is likely to create minimal effects on neighboring wells and appears unlikely to cause impairment. Any concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2024_moves\19356\19356 Current.aqt
 Date: 07/29/24 Time: 14:26:27

PROJECT INFORMATION

Company: GMD 3
 Project: 19356
 Location: Haskell County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
19356	-57662	216899	14183	-57662	216899
			7422	-60639	218671
			4300	-58782	218496
			3458	-57579	219276
			domestic 36-29-34	-60415	214854
				-57422	218876

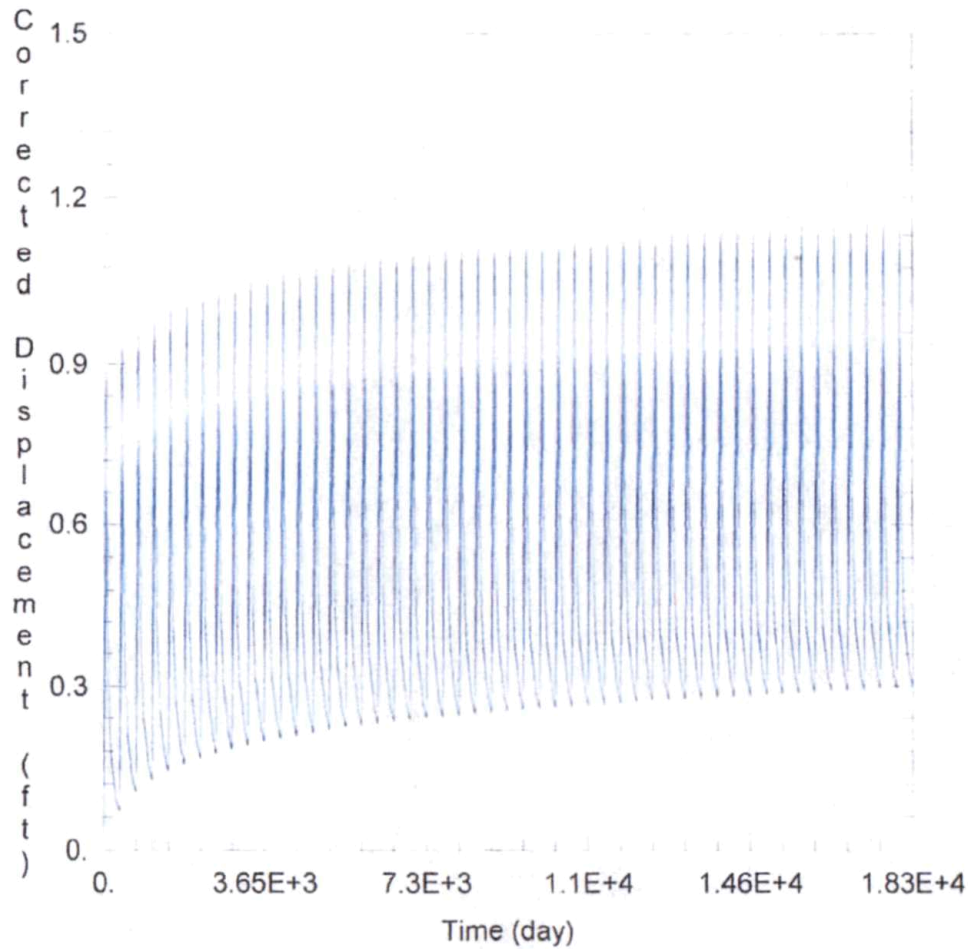
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 4.797E+4 ft²/day
 Kz/Kr = 1.

S = 0.059
 b = 207. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2024_moves\19356\19356 Proposed.aqt
 Date: 07/29/24 Time: 14:26:21

PROJECT INFORMATION

Company: GMD 3
 Project: 19356
 Location: Haskell County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
19356	-57653	214627	19356	-57653	214627
			14183	-60639	218671
			7422	-58782	218496
			4300	-57579	219276
			3458	-60415	214854
			domestic 36-29-34	-57422	218876

SOLUTION

Aquifer Model: Unconfined Solution Method: Theis
 T = 4.797E+4 ft²/day S = 0.059
 Kz/Kr = 1. b = 207. ft