

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

1. File Number: 41491	2. Status Change Date:	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
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: 5/9/2022
8a. Applicant(s) New to system <input type="checkbox"/> VYN LAND & CATTLE PO BOX 1567 DALHART, TX 79022		Person ID 67307 Add Seq# _____	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
8b. Landowner(s) New to system <input type="checkbox"/> 8a		Person ID _____ Add Seq# _____	8d. WUC New to system <input type="checkbox"/> 8a	
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2022 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2023				
<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: 6/2/2022 By: AM Date Entered: _____ By: _____				

File No. **41491** 11. County: **SV** Basin: **CIMARRON RIVER** Stream: Formation Code: **211** 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 44470
ENT SE NW NW 6 34S 37W 4553 4429 1555 621 1555 621 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						
						L-1	L-2			L-3	L-4	L-5			L-6	L-7											
MOD	12326	6	34S	37W	2	11.5	36.75	40	36.75	36.75	11.5	36.75	40	40	36.75	11.5	36.75	36.75	40	36.75	11.5	500	8a	Y	NONE		
DEL	329582																										

Base Acres: Year: Minimum Reasonable Quantity:

Comments: **UPDATE OWNERSHIP; COMBINE PUSE IDS INTO ONE WITH SAME OWNERSHIP**

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

June 2, 2022

VYN LAND & CATTLE
PO BOX 1567
DALHART, TX 79022

RE: Filed Office Application for Change
Water Right, File No. 41491

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: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 2nd day of June, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 41,491 dated 2nd day of June, 2022 was mailed postage prepaid, first class, US mail to the following:

VYN LAND & CATTLE
PO BOX 1567
DALHART, TX 79022

Pc:

GROUNDWATER MANAGEMENT DISTRICT NO. 3


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. 41491

RECEIVED
 4:15 pm
 MAY 09 2022

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: VYN LAND & CATTLE LLC

Phone Number: () _____ Email address: _____

Name and address of Water Use Correspondent: _____

Phone Number: () _____ Email address: _____

3. The presently authorized place of use is:

Owner of Land ---- NAME: NO CHANGE

ADDRESS: _____

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

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

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

Owner of Land ---- NAME: NO CHANGE

ADDRESS: _____

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

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

For Office Use Only: Code _____ Fee \$ 200.00 TR # _____ Receipt Date 5-9-22 Check # 004852

5. **Presently authorized point of diversion:**
 One in the _____ SW _____ Quarter of the _____ SW _____ Quarter of the _____ NE _____ Quarter
 of Section _____ 6 _____, Township _____ 34 _____ South, Range _____ 37 _____ W,
 in Stevens _____ County, Kansas, 2705 feet North 2630 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 _____ SE _____ Quarter of the _____ NW _____ Quarter of the _____ NW _____ Quarter
 of Section _____ 6 _____, Township _____ 34 _____ South, Range _____ 37 _____ W,
 in Stevens _____ County, Kansas, 4553 feet North 4429 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: 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?

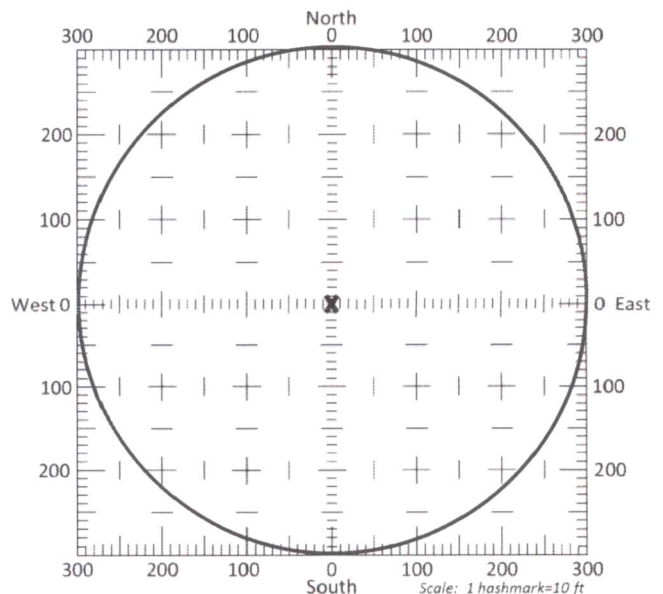
10. If the point of diversion is a well:
 (a) What are you going to do with the old well?

 (b) When will this be done? _____

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by HH / 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.)

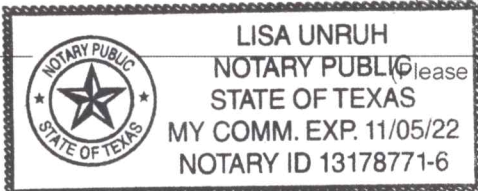
If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized 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 Dumas, ^{Texas}~~Kansas~~, this 5th day of May, 20 22.

<p><u><i>Justin Lynn</i></u> _____ (Owner) <u>Justin Lynn</u> _____ (Please Print)</p>	<p>_____ (Spouse) _____ (Please Print)</p>
<p>_____ (Owner) _____ (Please Print)</p>	<p>_____ (Spouse) _____ (Please Print)</p>
<p>_____ (Owner) _____ (Please Print)</p>	<p>_____ (Spouse) _____ (Please Print)</p>

State of ^{Texas}~~Kansas~~ }
 County of Moore } SS



I hereby certify that the foregoing application was signed in my presence and sworn to before me this 5th day of May, 20 22.

Lisa Unruh

 Notary Public

My Commission Expires November 5, 2022.

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. 41491.

1. A change application was received on May 9, 2022 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 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, 2022**, 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, 2022**, or within any authorized extension of time. By March 1, 2023 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.

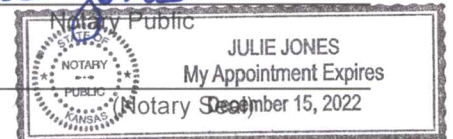
Administrative Appeal and Effective Date of Order

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

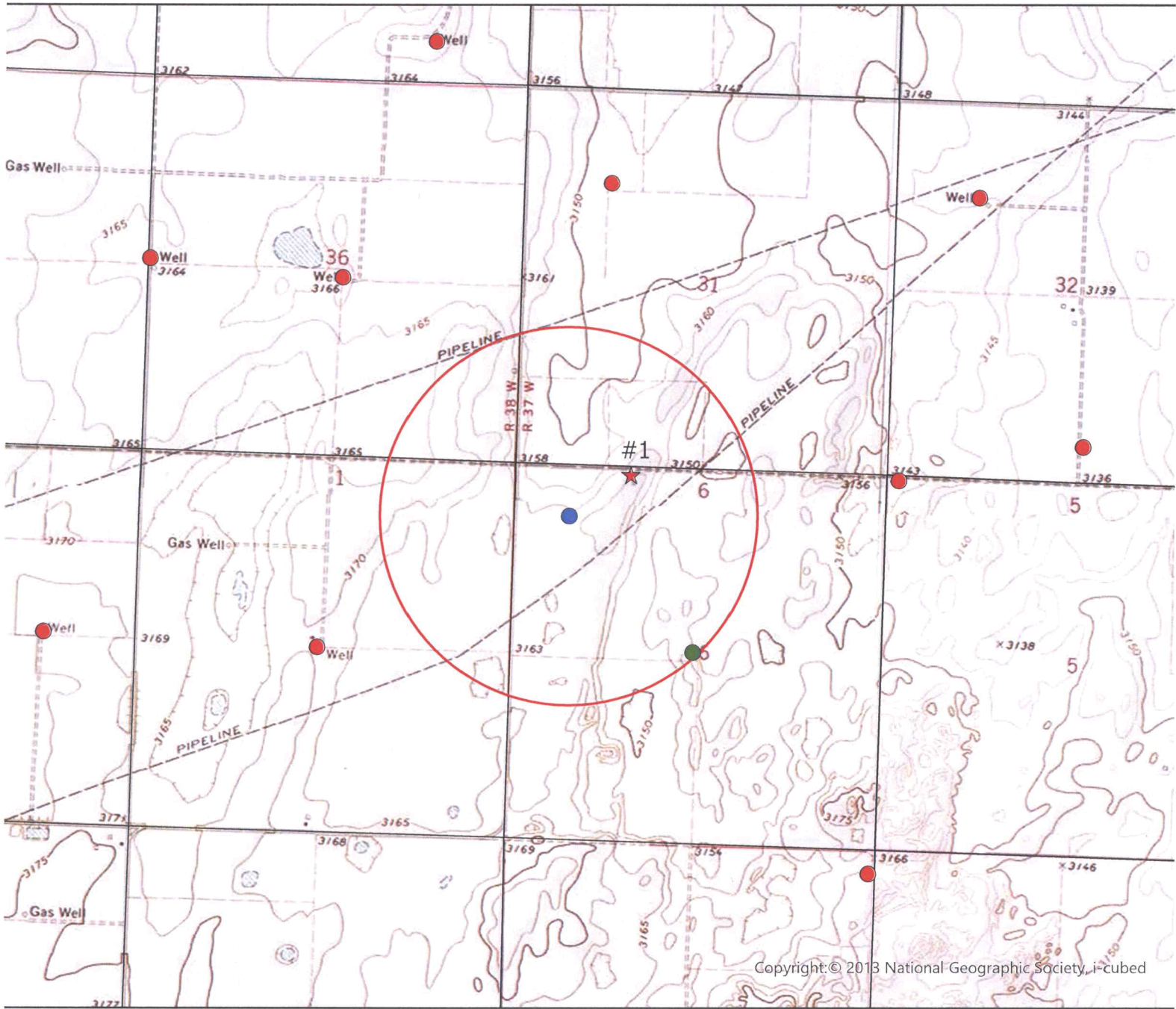
FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

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: June 2, 2022
State of Kansas)
County of Stimney) SS
Acknowledged before me on June 2, 2022
by Austin McColloch
Signature: Julie Jones
My commission expires: December 15, 2022



CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 41491

Section 6 Township 34 South Range 37 West Stevens County



- Authorized Point of Diversion
- Proposed Point of Diversion
- ★ Domestic Wells within 1/2 mile
- Permitted Wells within 1/2 mile
- 1/2 Mile Buffer

List of owner name and addresses within 1/2 mile:
#1 Domestic Well



All wells of any kind within 1/2 mile of the proposed point of diversion have been plotted.

(Signature)

Date

Date: 4/29/22 HH/GCFC

Case: 41491

WELL LOG

Justin 806-376-3700 DATE: 4/25/2022

**Downey
Drilling Inc.**



CUSTOMER NAME: VYN LAND & CATTLE TH #2

LEGAL: 6-34S-37W

COUNTY: STEVENS CO, KS

GPS: 37.124507

-101.390265

P O Box 1567
Dahmer TX 79022



COPY

WR 41,491
4555'N / 4430'W
SE NW NW

LOGGER:

DRILLER: DIEGO V

WO: 22-372

FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
0	3	TOP SOIL	SOFT	DRK BROWN	FAST		SMOOTH
3	13	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
13	19	SANDY CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH & VIBRATION
19	29	FINE SAND	SOFT	TAN	FAST		VIBRATION
29	58	FINE SAND W/ SANDY CLAY & CALICHE LEDGES	FIRM	TAN & WHITE	FAST		VIBRATION & CHOPPY
58	93	SANDY CLAY W/ BROWN CLAY	SOFT	TAN & BROWN	FAST		SMOOTH
93	101	ORANGE & SANDY CLAY	SOFT	ORANGE	FAST		SMOOTH
101	109	WHITE SANDY CLAY W/ CEMENTED SAND	FIRM	WHITE	SEMI SLOW		SLIGHT CHATTER
109	115	WHITE SANDY CLAY W/ LIME ROCK & FINE SAND	FIRM	WHITE	FAST		SMOOTH & CHOPPY
115	120	CEMENTED SAND W/ FINE SAND & WHITE SANDY CLAY	HARD	WHITE	SLOW	X	CHATTER
120	132	WHITE SANDY CLAY W/ FINE SAND & CEMENTED SAND	STIFF	WHITE	FAST		SMOOTH & SLIGHT CHATTER
132	136	FINE - MED - COARSE SAND W/ FINE GRAVEL	HARD		SLOW	X	CHATTER
136	148	FINE - MED - COARSE SAND W/ LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
148	170	FINE - MED - COARSE SAND W/ CEMENTED SAND LEDGES	FIRM	WHITE	SEMI SLOW		FAST CHATTER
170	176	CEMENTED SAND W/ FINE SAND	HARD	WHITE	SLOW	X	CHATTER
176	184	GRAY & YELLOW CLAY	SOFT	GRAY & YELLOW	FAST		SMOOTH
184	208	FINE - MED - COARSE SAND W/ SANDY CLAY LAYERS	FIRM	TAN	FAST		SLIGHT CHATTER
208	212	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
212	262	FINE - MED - COARSE SAND	FIRM		FAST		FAST CHATTER
262	273	FINE - MED - COARSE SAND W/ BROWN ROCK TRACE	STIFF	BROWN	FAST		FAST CHATTER
273	283	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
283	304	FINE - MED - COARSE SAND	FIRM		FAST		FAST CHATTER
304	310	YELLOW CLAY	SOFT	YELLOW	FAST		SMOOTH
310	325	FINE - MED - COARSE SAND	FIRM		FAST		FAST CHATTER
325	337	BLUE CLAY	SOFT	BLUE	FAST		SMOOTH
337	342	BROWN ROCK W/ FINE SAND	STIFF	BROWN	FAST		FAST CHATTER
342	345	BLUE CLAY	SOFT	BLUE	FAST		SMOOTH
345	357	BLACK CLAY	SOFT	BLACK	FAST		SMOOTH
357	360	YELLOW & GRAY SOAPSTONE	SOFT	YELLOW & GRAY	FAST		VIBRATION
360	416	FINE - MED - COARSE SAND	FIRM		FAST		FAST CHATTER
416	423	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
423	505	FINE - MED - COARSE SAND W/ FINE GRAVEL & LIME ROCK	FIRM	WHITE	FAST		FAST CHATTER
505	541	FINE - MED - COARSE SAND W/ FINE GRAVEL / BROWN ROCK & LIME ROCK	STIFF	BROWN & WHITE	FAST		FAST CHATTER
541	555	WEATHERED CLAY	SOFT	YELLOW & GRAY	SEMI SLOW		SMOOTH
555	596	FINE - MED - COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
596	620	RED BED	FIRM	RED	SLOW		SLIGHT CHATTER

VYN LAND & CATTLE LLC

NW 6-34S-37W STEVENS CO.

Legend

Rd K

Rd K

TH #2 ELEV=3166'

TH #1 ELEV=3161'

WR #41491 ELEV=3162'

S Washington St

Google Earth



1000 ft

VYN LAND & CATTLE LLC

NW 6-34S-37W STEVENS CO.

Legend

TH #2 ELEV=3166'

TH #1 ELEV=3161'

WR #41491 ELEV=3162'

Google Earth

3000 ft





Century GEOPHYSICAL CORP.

VYN LAND & CATTLE

COMPANY : DOWNEY DRILLING INC
WELL : VYN LAND & CATTLE
LOCATION/FIELD : TH#2
COUNTY : STEVENS
LOCATION : KS
SECTION : 6

OTHER SERVICES:

TOWNSHIP : 34S RANGE : 37W

DATE : 04/25/22
DEPTH DRILLER : 620
LOG BOTTOM : 619.00
LOG TOP : 0.90

PERMANENT DATUM : GL

KB :
DF :
GL :

LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

LOGGING UNIT : 1903
FIELD OFFICE : DDI
RECORDED BY : DIEGO

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

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

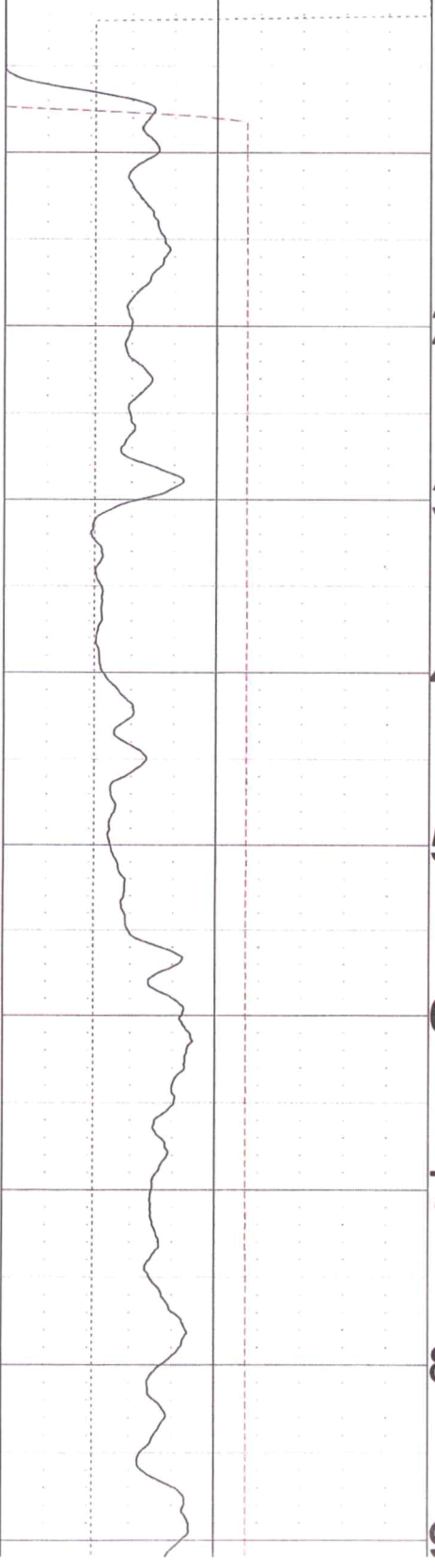
FILE : ORIGINAL
TYPE : 8144A
LGDATE: 04/25/22
LGTIME : 17:02:
THRESH: 99999

N 37.12450
W -101.39026

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

RES(FI)		
5	OHM-M	15
SP		
-800	MV	-500
GAMMA		
0	API-GR	200

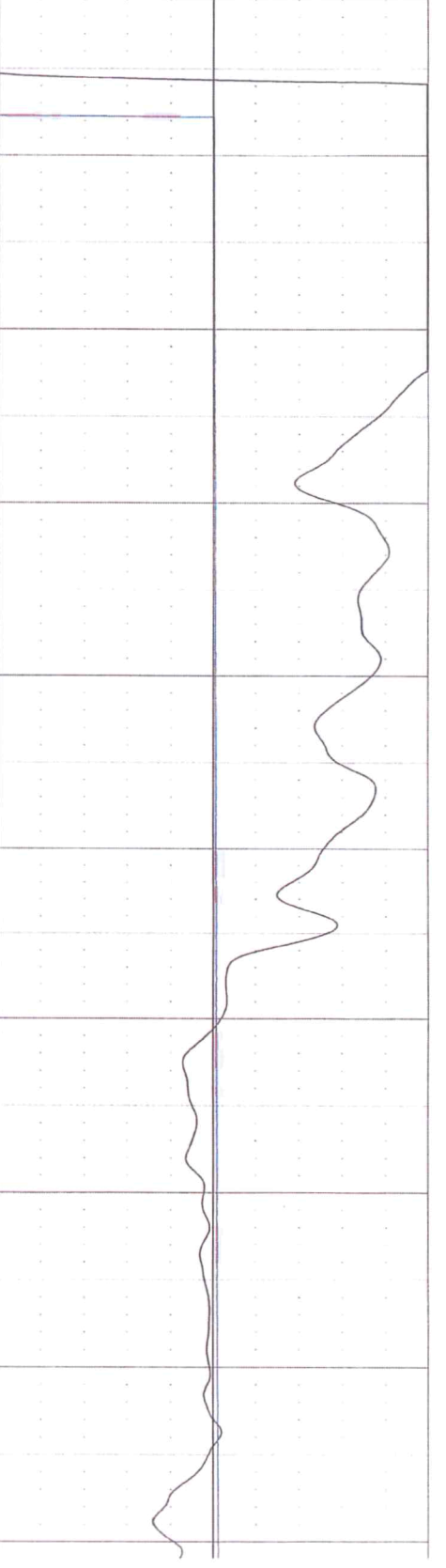
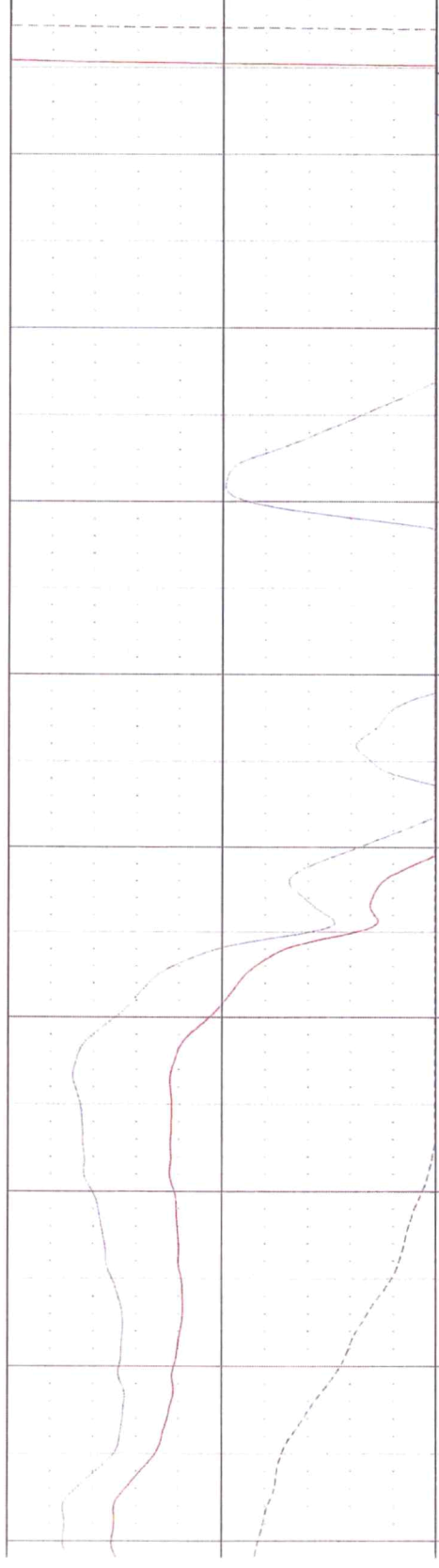
FEET



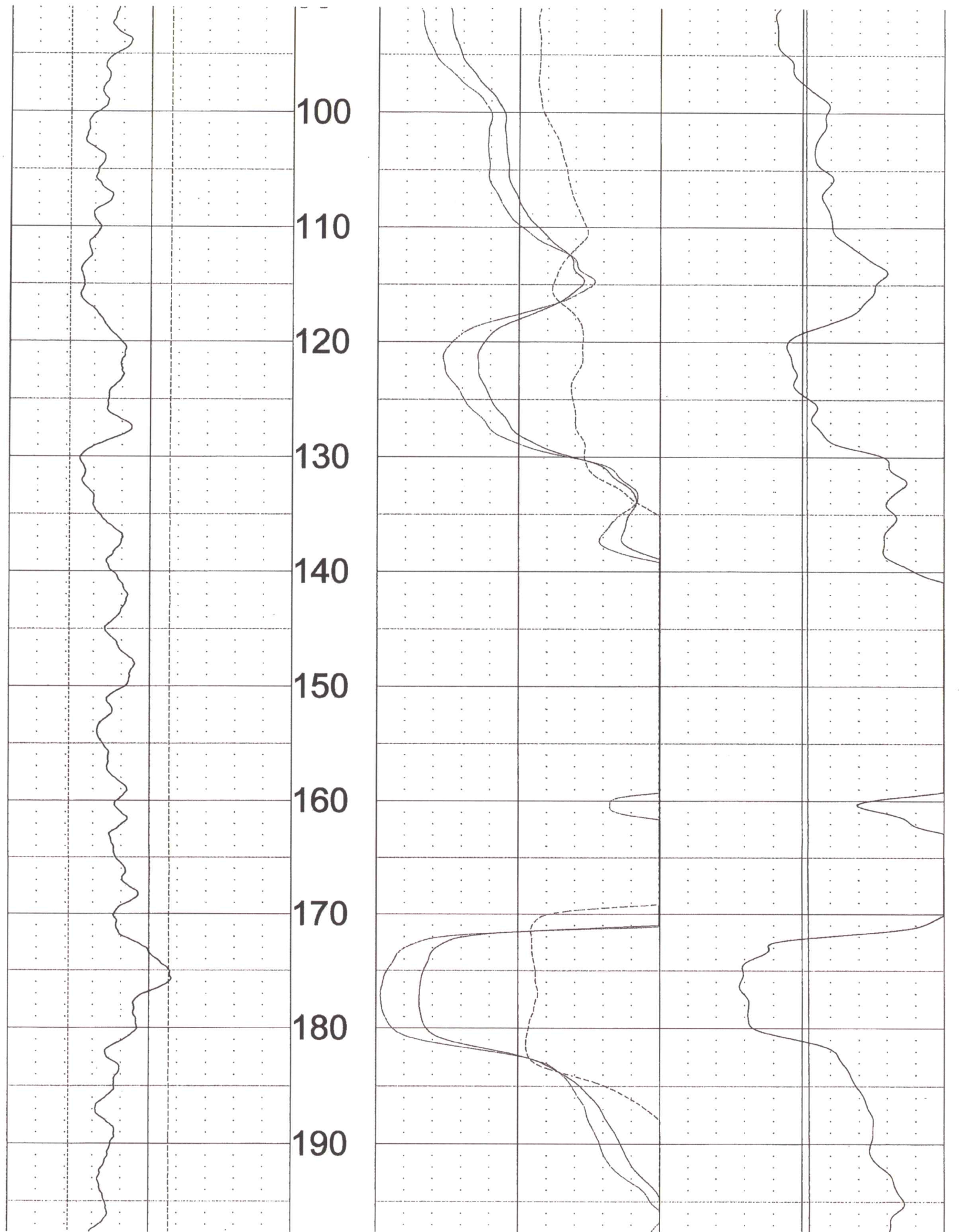
0
10
20
30
40
50
60
70
80
90

LATERAL		
0	OHM-M	100
RES(64N)		
0	OHM-M	100 60
RES(16N)		
0	OHM-M	1000

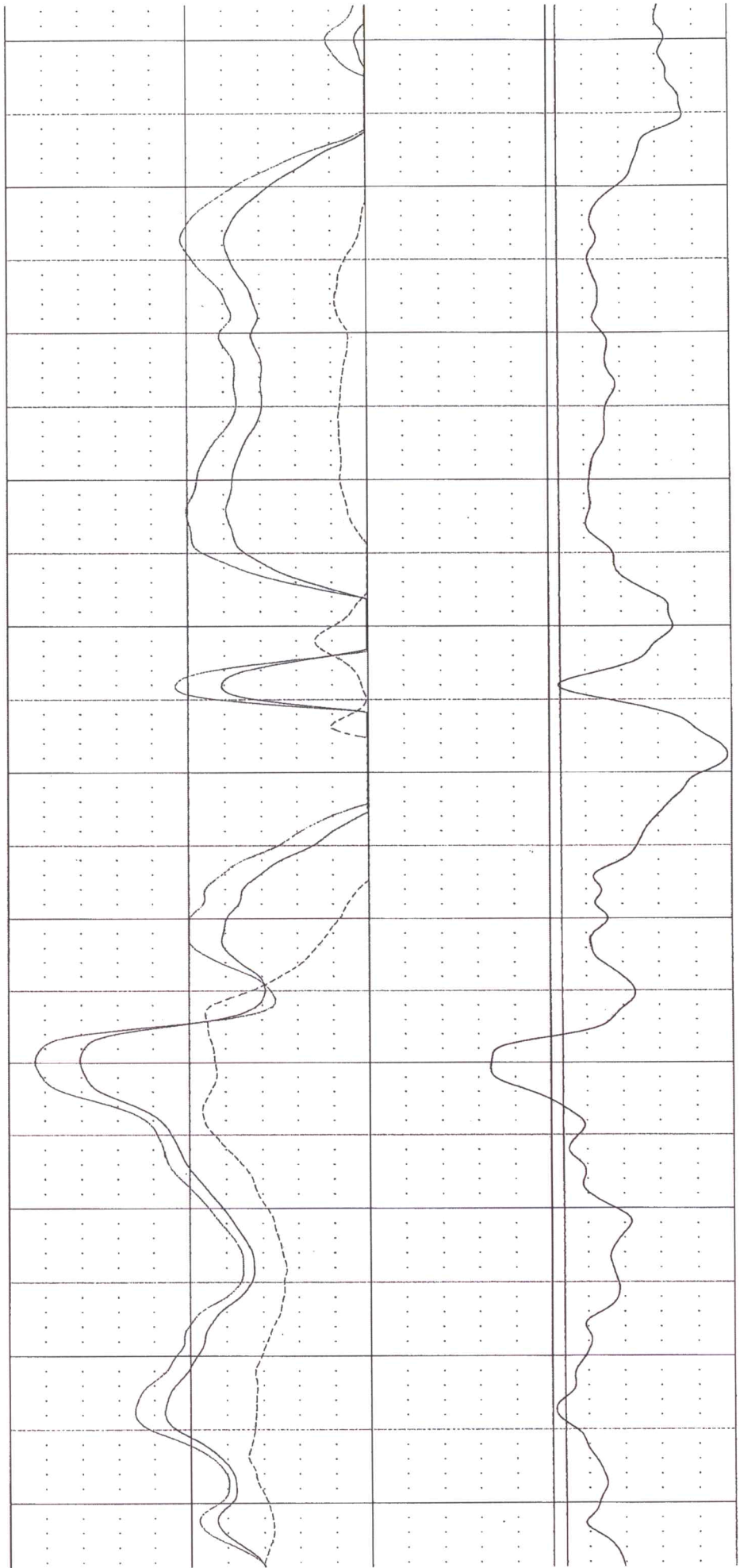
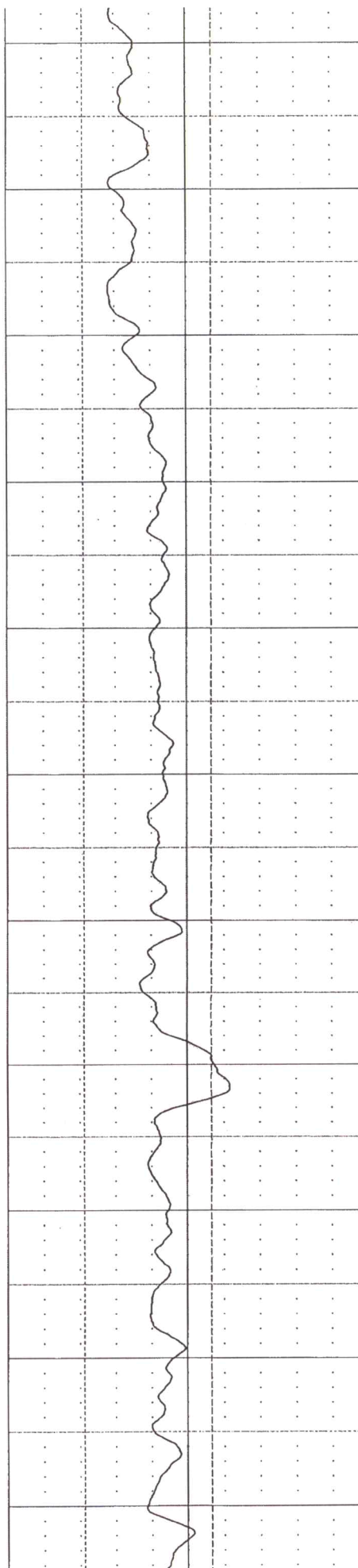
TEMP		
DEG_F		70
RES		
OHM		80

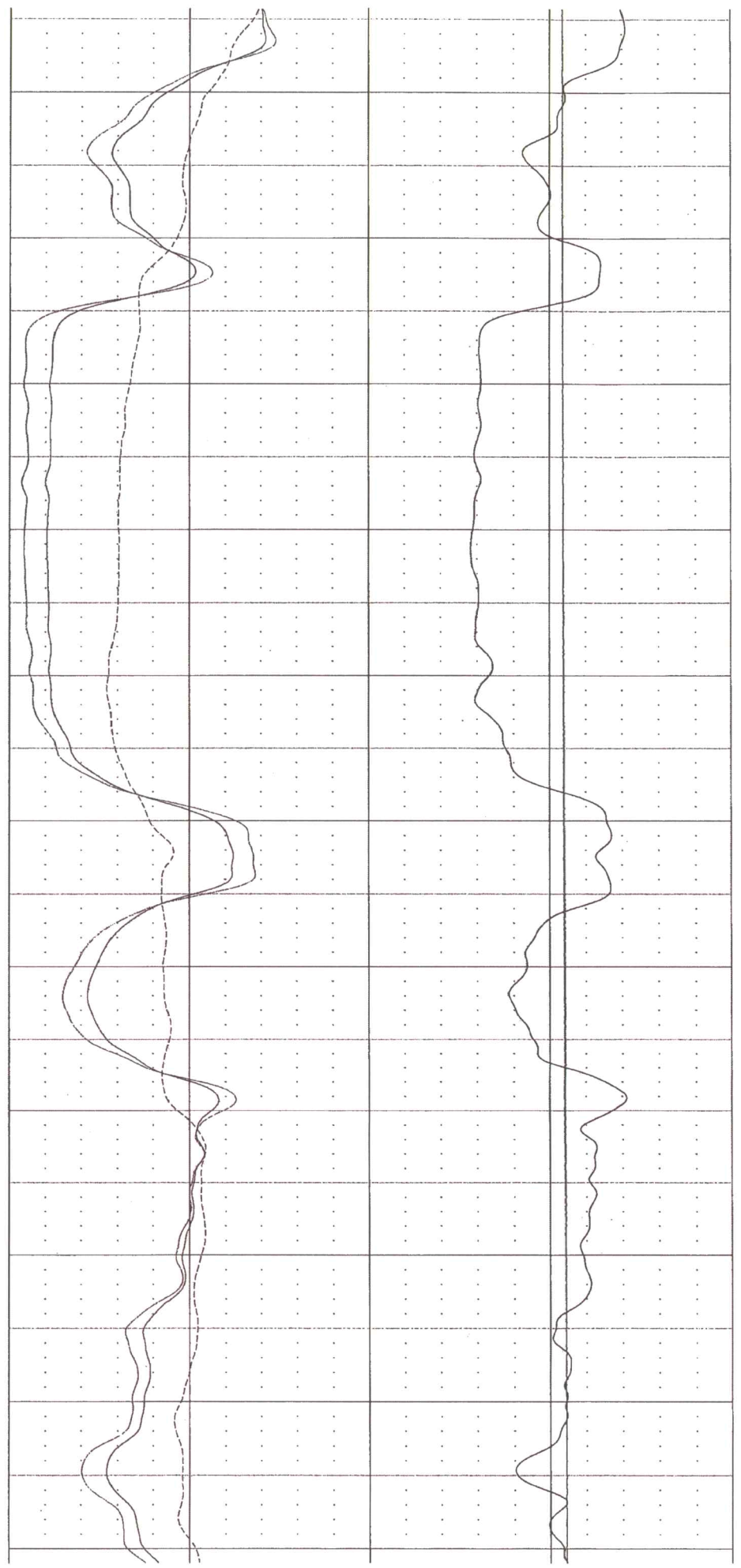
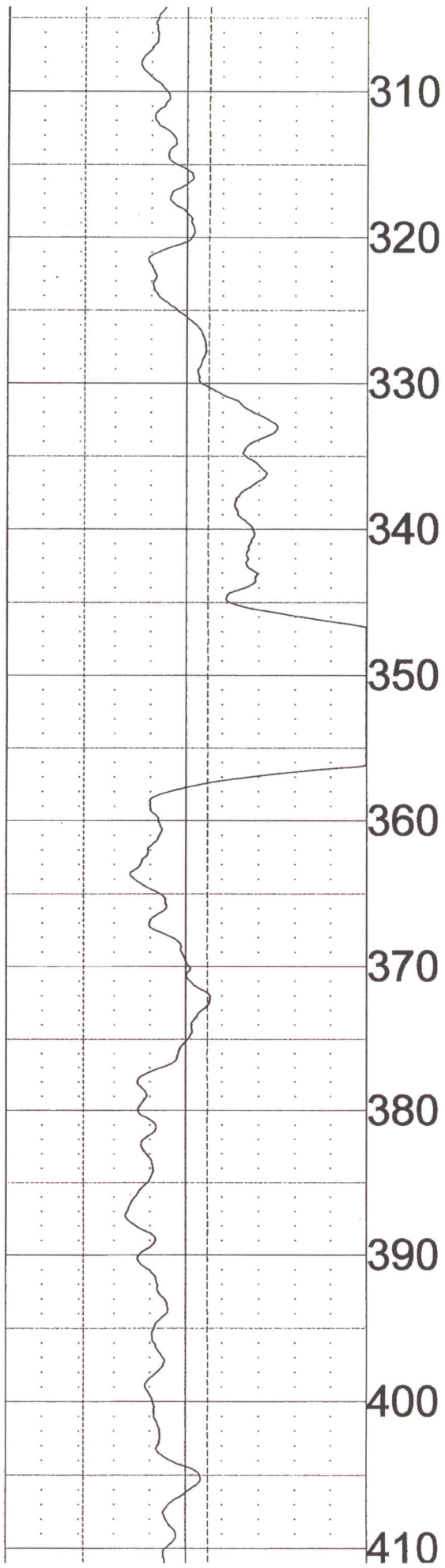


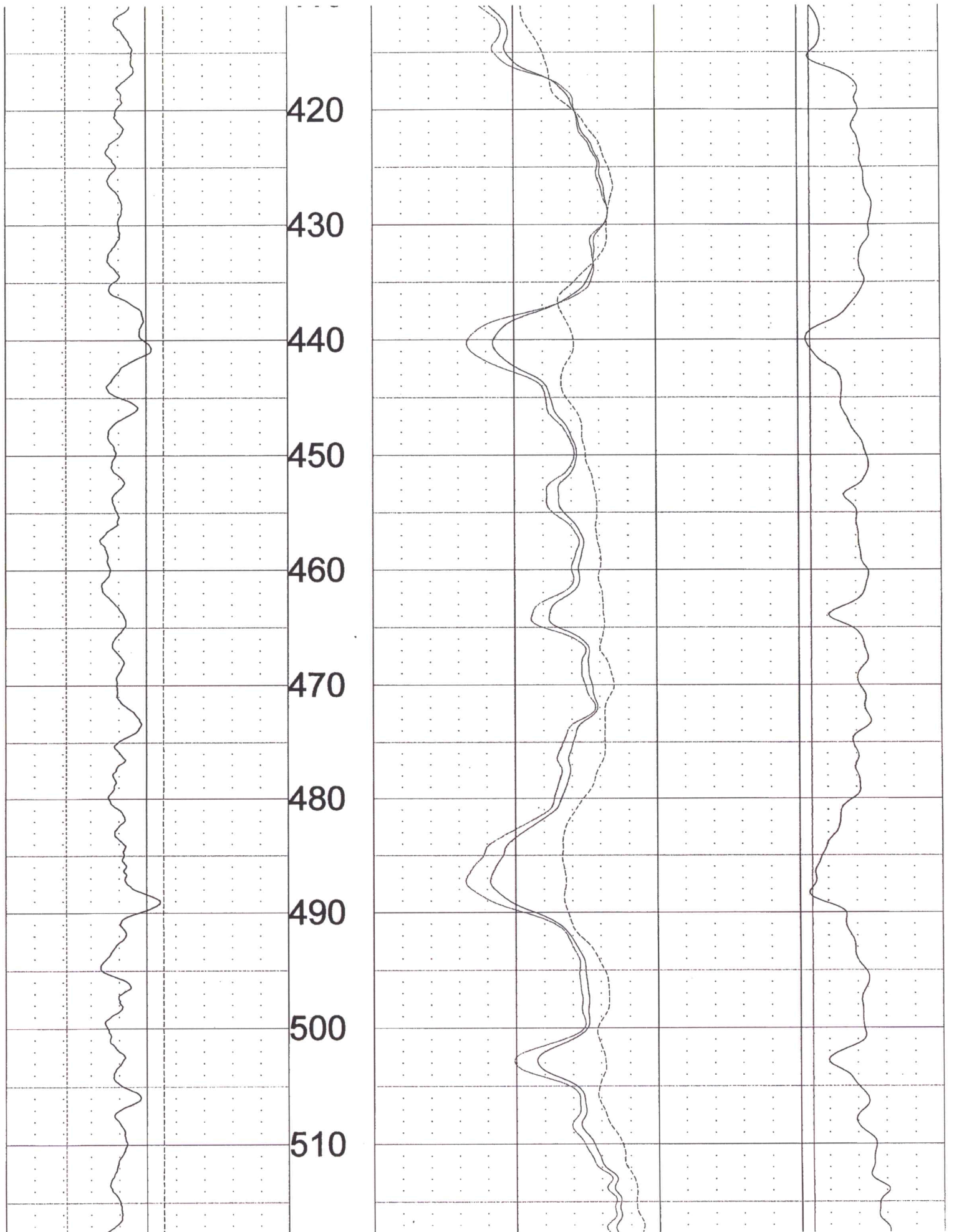
0
10
20
30
40
50
60
70
80
90

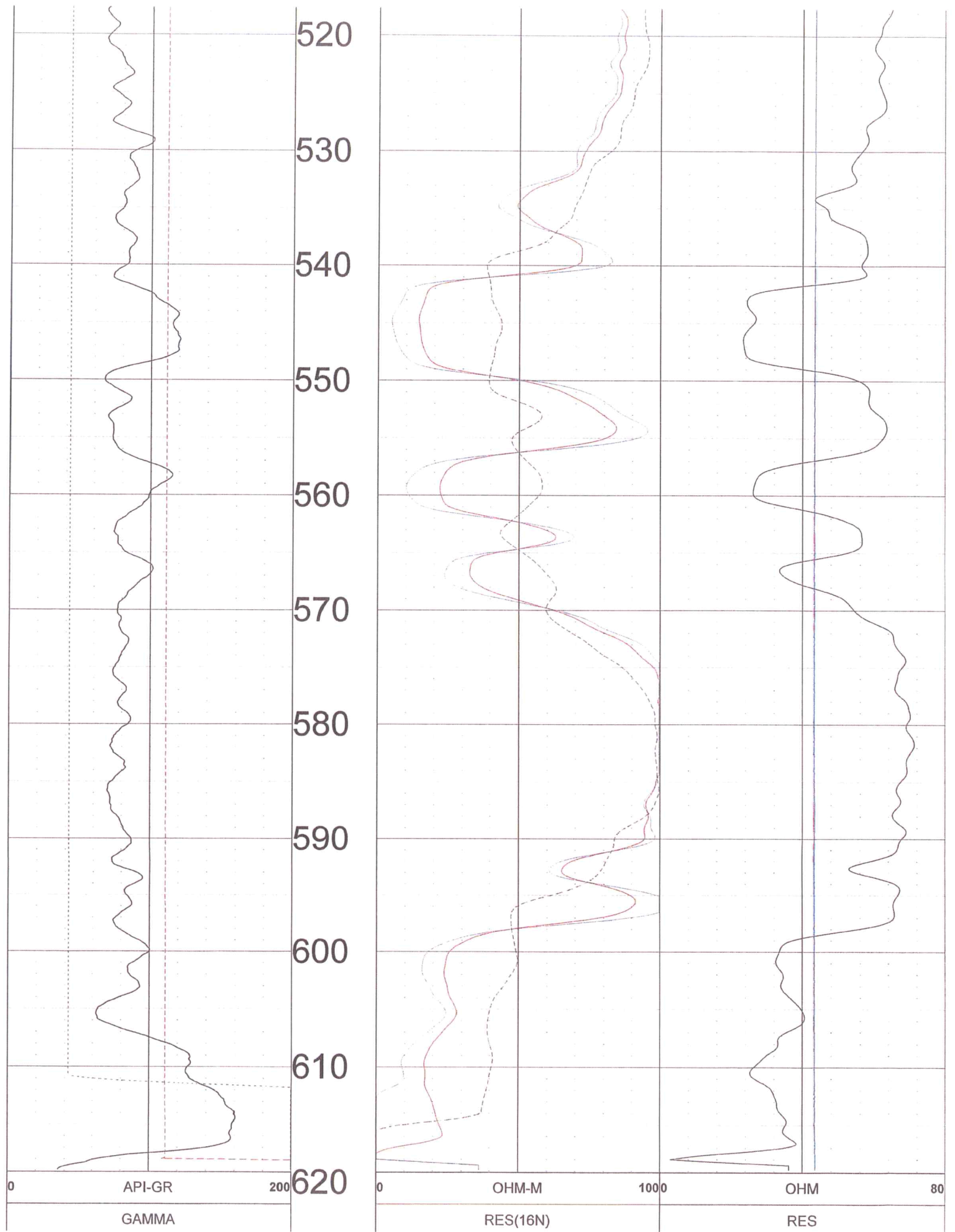


200
210
220
230
240
250
260
270
280
290
300







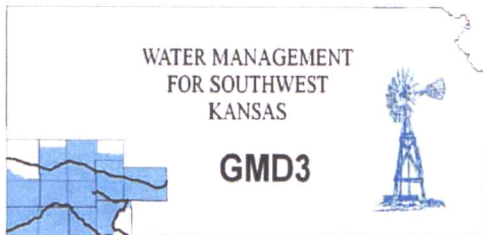


-800	MV	-500	0	OHM-M	100	60	DEG_F	70
	SP			RES(64N)			TEMP	
5	OHM-M	15	0	OHM-M	100			
	RES(FL)			LATERAL				

FEET

TOOL CALIBRATION VYN LAND & CATTLE 04/25/22 17:02
 TOOL 8144A TM VERSION 1
 SERIAL NUMBER 365

	DATE	TIME	SENSOR		STANDARD		RESPONSE	
1	Feb08,18	07:51:35	GAMMA	1.000	[API-GR]		4.000	[CPS]
	Feb08,18	07:51:35	GAMMA	340.000	[API-GR]		290.000	[CPS]
2	Jul12,17	13:24:17	RES(FL)	1.330	[OHM-M]		7595.000	[CPS]
	Jul12,17	13:24:17	RES(FL)	42.700	[OHM-M]		64820.000	[CPS]
3	Jan14,22	08:32:51	SP	0.000	[MV]		327768.000	[CPS]
	Jan14,22	08:32:51	SP	381.500	[MV]		164650.000	[CPS]
4	Jan14,22	08:33:01	RES(16N)	0.000	[OHM-M]		3453.000	[CPS]
	Jan14,22	08:33:01	RES(16N)	1951.500	[OHM-M]		448089.000	[CPS]
5	Jan14,22	08:33:10	RES(64N)	0.000	[OHM-M]		3163.000	[CPS]
	Jan14,22	08:33:10	RES(64N)	1994.000	[OHM-M]		449170.000	[CPS]
6	Jul12,17	13:17:49	TEMP	33.400	[DEG_F]		66910.000	[CPS]
	Jul12,17	13:17:49	TEMP	102.200	[DEG_F]		270930.000	[CPS]
7	Jan14,22	08:33:36	RES	0.000	[OHM]		21285.000	[CPS]
	Jan14,22	08:33:36	RES	944.000	[OHM]		190148.000	[CPS]



Southwest Kansas
Groundwater Management District No. 3
2009 E. Spruce Street
Garden City, Kansas 67846
(620) 275-7147 phone (620) 275-1431 fax
www.gmd3.org

June 2, 2022

Austin McColloch
Division of Water Resources
4532 W Jones Ave., Suite B
Garden City, Kansas 67846

RECEIVED
JUN 02 2022

RE: Application for Change in Point of Diversion
Water Right, File No. 41491
Garden City Field Office
Division of Water Resources

Dear Austin:

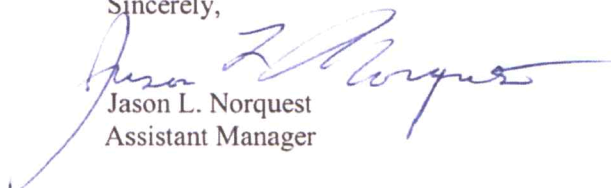
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

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 draft revised 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 in the area. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. 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): 41491. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Vyn Land & Cattle LLC.

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	2705	2630	Sect 6-34-37
Proposed PD	4553	4429	
Difference	-1848 n	-1799 w	
a2 + b2 = c2	3415104	3236401	2579.051 foot move NW

GPS for proposed PD: Lat: 37.124507 Long: -101.390265.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Kramer Properties % James B Kramer (13220).

Address PO Box K.

Zip Hugoton, KS 67951.

Email: bjmclure@hotmail.com Phone: 620-544-1579.

Name Pelajo Properties %Susan B Hudson (27994).

Address 1861 Ridge Road.

Zip Pottstown, PA 19465.

Email: susanhudson@me.com Phone: 610-469-8708.

Name Mid America Cattle Co. % Walter Beesley (39974, 40296, 40425).

Address PO Box 818.

Zip Hugoton, KS 67951.

Email: ebeesley@pld.com Phone: 620-544-1993.

Name Dwayne & Vickie Hull (42312).

Address 1404 S Main St.

Zip Hugoton, KS 67951.

Email: vhull@pld.com Phone: 620-544-2200.

Domestic well(s) notified: .

Name .

Address .

GMD3 Change Review

Zip ____.

Base Acres: ____.

Perfected Acres: ____.

Irr. Return-Flow ____%

Stevens County

Authorized 621AF @ 1555gpm. 2300' minimum spacing

Reported use (2012-2021): 421.5AF/year

2019 GMD3 field inspection showed 1179.2gpm

Proposed well looks to be around 600'

Is a waiver needed: Move is less than half mile and minimum spacing appears to be met.

Analysis showed no critical wells.

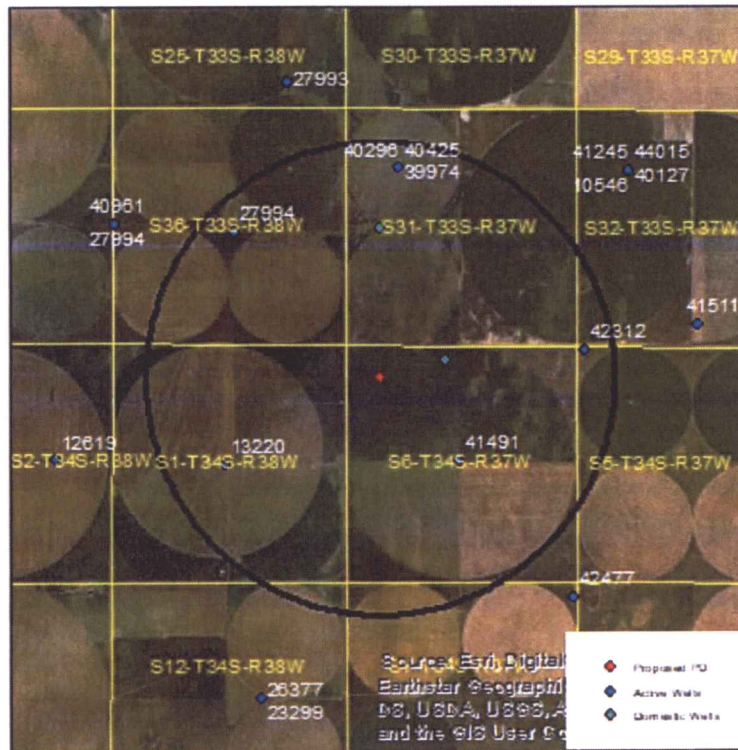
Recommendation: After review of all information, it appears current area rules are met.

Staff therefore recommends approval of the application.



Evaluation of proposed move for Water Right No. 41491

Proposed: Move water right no. 41491 to a new well location, a distance of 2,581 ft to the northwest.



Wells within 1 mile: 27994, 39974 & 40296 & 40425, 13220, 42312, a domestic well in section 31-33-37, and a domestic well in section 6-34-37.

The saturated thickness at the proposed well location is estimated to be 336 ft, based upon the driller's log and an observation well in section 2-34-38. 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:

$S = 0.2905$, $T = 14,691 \text{ ft}^2/\text{day}$, $tp_{\text{current}} = 81 \text{ days}$, $Q_{\text{current}} = 1179 \text{ gpm}$, $tp_{\text{proposed}} = 90 \text{ days}$,
 $Q_{\text{proposed}} = 1555 \text{ gpm}$

Theis drawdowns were calculated as follows:

27994: Drawdown from current location = 1.03 ft
 Drawdown from proposed location = 1.99 ft
 Net drawdown = **1.0 ft**

39974 & 40296 & 40425: Drawdown from current location = 1.08 ft
 Drawdown from proposed location = 1.97 ft
 Net drawdown = **0.9 ft**

13220: Drawdown from current location = 1.25 ft
Drawdown from proposed location = 2.21 ft
Net drawdown = **1.0 ft**

42312: Drawdown from current location = 1.58 ft
Drawdown from proposed location = 1.99 ft
Net drawdown = **0.4 ft**

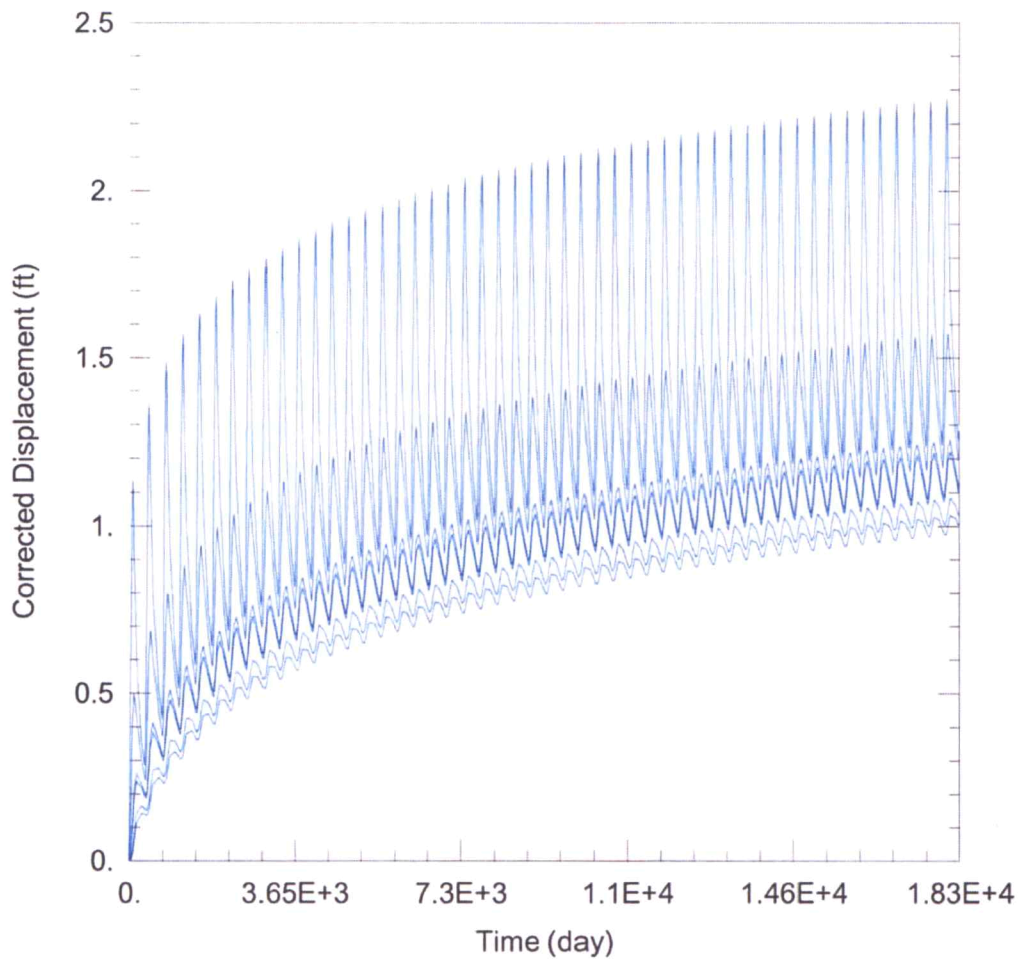
Domestic 31-33-37: Drawdown from current location = 1.22 ft
Drawdown from proposed location = 2.46 ft
Net drawdown = **1.2 ft**

Domestic 6-34-37: Drawdown from current location = 2.28 ft
Drawdown from proposed location = 4.27 ft
Net drawdown = **2.0 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\2022_moves\41491\41491 Current.aqt
 Date: 05/17/22 Time: 15:18:23

PROJECT INFORMATION

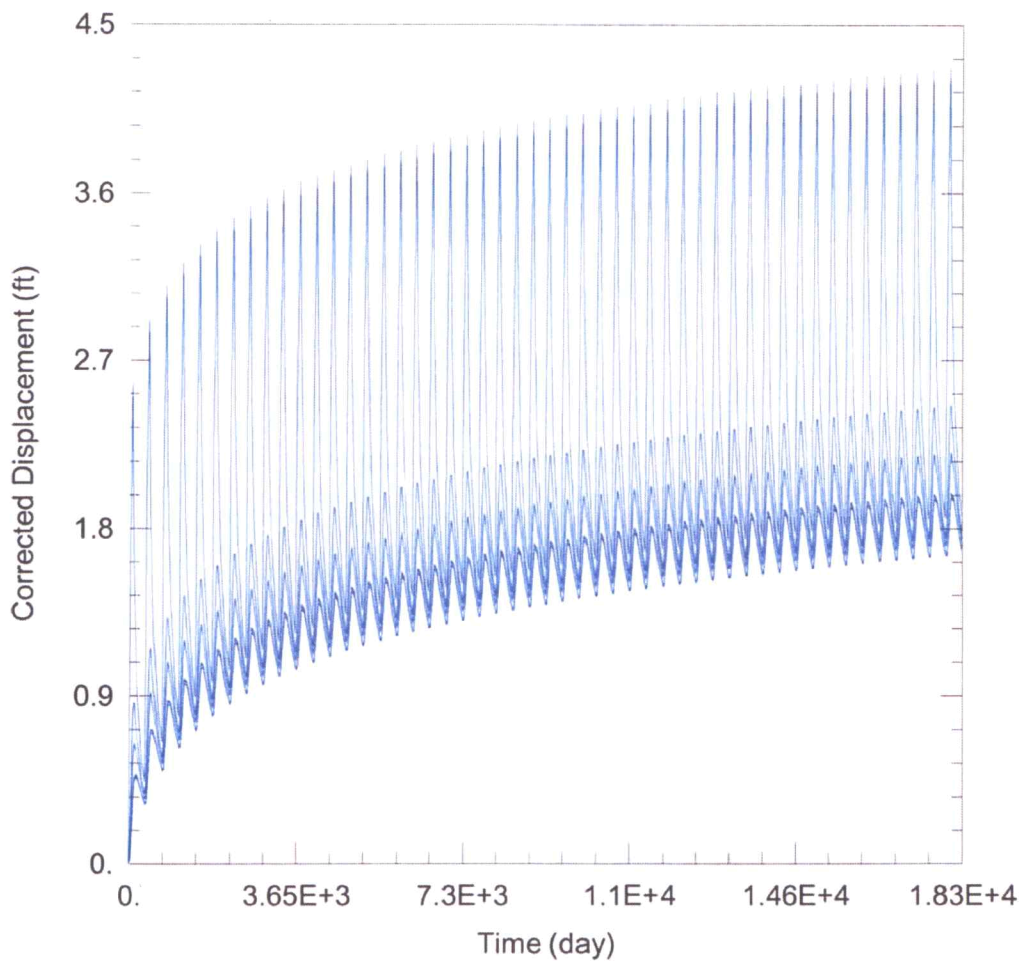
Company: GMD 3
 Project: 41491
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
41491	-170474	89520	□	-170474	89520
			□ 27994	-175544	94642
			□ 39974 & 40296 & 40425	-171803	96071
			□ 13220	-175752	89448
			□ 42312	-167659	92011
			□ Domestic 31-33-37	-172264	94750
			□ Domestic 6-34-37	-170769	91773

SOLUTION

Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Theis</u>
T = <u>1.469E+4</u> ft ² /day	S = <u>0.2905</u>
Kz/Kr = <u>1.</u>	b = <u>336.</u> ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\41491\41491 Proposed.aqt
 Date: 05/17/22 Time: 15:18:16

PROJECT INFORMATION

Company: GMD 3
 Project: 41491
 Location: Stevens County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
41491	-172260	91383	□	-172260	91383
			□ 27994	-175544	94642
			□ 39974 & 40296 & 40425	-171803	96071
			□ 13220	-175752	89448
			□ 42312	-167659	92011
			□ Domestic 31-33-37	-172264	94750
			□ Domestic 6-34-37	-170769	91773

SOLUTION

Aquifer Model: Unconfined
 $T = 1.469E+4 \text{ ft}^2/\text{day}$
 $Kz/Kr = 1.$

Solution Method: Theis
 $S = 0.2905$
 $b = 336. \text{ ft}$

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

4553 Feet N and 4429 Feet W of the Southeast Corner of Section 6 Twp 34S Rng 37W
 Located at: 101.390261 West Longitude and 37.124499 North Latitude
 Both SURFACE WATER and GROUNDWATER

2nd a.u.

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	
A__ AF	13220	00	IRR	NK	G	4028	--	NE	NE	SW	2600	2710	1	34	38W	1	704.00	704.00
A__ AF	27994	00	IRR	NK	G	4629	--	NW	NW	SE	2510	2510	36	33	38W	2	591.00	591.00
A__ AF	39974	00	IRR	NK	G	4713	--	--	NC	NW	3963	4006	31	33	37W	2	310.00	310.00
A__ AF	40296	00	IRR	NK	G	4713	--	--	NC	NW	3963	4006	31	33	37W	2	260.00	260.00
A__ AF	40425	00	IRR	NK	G	4713	--	--	NC	NW	3963	4006	31	33	37W	2	583.00	13.00
A__ AF	41491	00	IRR	NK	G*	2578	--	SW	SW	NE	2705	2630	6	34	37W	1	621.00	621.00
A__ AF	42312	00	IRR	NK	G	4644	--	--	--	--	5223	5102	5	34	37W	2	964.00	964.00

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) =	3463.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3463.00	.00

Quantity Appears Not

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:

4553 Feet North and 4429 Feet West of the Southeast Corner of Section 6 Twp 34S Rng 37W
 Located at: 101.390261 West Longitude and 37.124499 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

File Number Use ST SR

> KRAMER PROPERTIES
 > JAMES B KRAMER
 > PO BOX K
 > HUGOTON KS 67951

13220

> PELAJO PROPERTIES
 > SUSAN B. HUDSON
 > 1861 RIDGE ROAD
 > POTTSTOWN PA 19465

27994

> MID AMERICA CATTLE CO
 > WALTER BEESLEY
 > PO BOX 818
 > HUGOTON KS 67951

39974

> MID AMERICA CATTLE CO
 > WALTER BEESLEY
 > PO BOX 818
 > HUGOTON KS 67951

40296

>-----

> MID AMERICA CATTLE CO
> WALTER BEESLEY
> PO BOX 818
> HUGOTON KS 67951

40425

>-----

> PELAJO PROPERTIES
> SUSAN B. HUDSON
> 1861 RIDGE ROAD
> POTTSTOWN PA 19465

41491

Applicant's

>-----

> DWAYNE & VICKIE HULL
>
> 1404 S MAIN ST
> HUGOTON KS 67951

42312

>-----

=====

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 11, 2022

GROUNDWATER MANAGEMENT DISTRICT #3
2009 E SPRUCE ST
GARDEN CITY KS 67846

Re: Request for Recommendation,
File No. 41491

Dear Sir or Madam:

We are enclosing a copy of the referenced application, which was submitted by Vyn Land & cattle LLC and appears to be in proper form, for your review.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendation concerning this application. Please submit your recommendation within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (620) 276-2901. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

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

Austin McColloch
Assistant Water Commissioner

Enclosure
pc: