

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

1. File Number: 8853	2. Status Change Date:	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
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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: 7/28/2023
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8a. Applicant(s) New to system <input type="checkbox"/>	Person ID 66136 Add Seq# _____
<i>Rochel</i> STEWART & A ROCHEL STABEL 2913 N HWY 25 LAKIN, KS 67860	

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

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

8d. WUC New to system <input type="checkbox"/>	Person ID _____ Add Seq# _____
8a	

9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2023 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2024	
<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: 8/1/2023	By: AM
Date Entered: _____	By: _____

File No. **8853** 11. County: **KE** Basin: **ARKANSAS RIVER** Stream: Formation Code: **211** Special Use:

12. Points of Diversion										Rate and Quantity						
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				10614												
DEL				27952												
ENT				SE NW SE	28	23S	37W		1386	1426						
ENT				SW NW SE	28	23S	37W		1371	2130						
*BLANKET R & Q												740	504	740	504	

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				NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files			
CHK	MOD	DEL	ENT	PUSE	S	T	R	ID	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				17506																						

Base Acres: Year: Minimum Reasonable Quantity:

Comments:

Garden City Field Office
4532 W. Jones, Suite B
Garden City, KS 67846



Phone: 620-276-2901
Fax: 620-276-9315
www.agriculture.ks.gov

Mike Beam, Secretary

Laura Kelly, Governor

August 1, 2023

STEWART & A ROCHEL STABEL
2913 N HWY 25
LAKIN, KS 67860

RE: Filed Office Application for Change
Water Right, File No. 8853

Dear Sir or Madam:

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

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

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

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

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:

CERTIFICATE OF SERVICE

On this 1st day of August, 2023, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 8,853 dated 1st day of August, 2023 was mailed postage prepaid, first class, US mail to the following:

STEWART & A ROCHEL STABEL
2913 N HWY 25
LAKIN, KS 67860

Pc:



Division of Water Resources Staff

Submit completed application to:
 Kansas Department of Agriculture
 Division of Water Resources
 Field Office for your area.

Call for address:

Topeka -- (785) 296-5733
 Stafford -- (620) 234-5311
 Stockton -- (785) 425-6787
 Garden City -- (620) 276-2901
<http://agriculture.ks.gov/dwr>

DWR FIELD OFFICE APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE AND/OR THE POINT OF DIVERSION



STATE OF KANSAS

Filing Fee Must Accompany the Application, K.S.A. 82a-708b(b), as amended.
 Fee Schedule is on the third page of this application form.

Paragraph Nos. 1, 2, 3 & 5 must be completed. Complete all other applicable portions. If change in point of diversion is greater than 100 feet, or if place of use will be changed, include a topographic map or detailed plat showing the authorized and proposed point(s) of diversion and/or place of use.

File No. 8853

RECEIVED
 2:00 PM
 JUL 28 2023

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: STEWART & A ROACHEL STABEL
2913 N HWY 25, LAKIN, KS 67860

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		

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

Owner of Land ---- NAME: _____

ADDRESS: _____

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

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

For Office Use Only: Code _____ Fee \$ 100.00 TR # _____ Receipt Date 7-28-23 Check # 1480

5. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ NC _____ Quarter of the _____ SE _____ Quarter
 of Section _____ 28 _____, Township _____ 23 _____ South, Range _____ 37 _____ W,
 in KE _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate No change Authorized Quantity No change Depth of well N/A (feet)
(DWR use only: Computer ID No. 3 _____ 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 NC NW Quarter of the _____ SE _____ Quarter
 of Section _____ 28 _____, Township _____ 23 _____ South, Range _____ 37 _____ W,
 in KE _____ County, Kansas, 1386 feet North 1426 feet West of Southeast corner of section.
 Proposed Rate No change Proposed Quantity no change Proposed well depth (feet) 340
 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 _____ NC _____ Quarter of the _____ W2 _____ Quarter of the _____ SE _____ Quarter
 of Section _____ 28 _____, Township _____ 23 _____ South, Range _____ 37 _____ W,
 in KE _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section.
 Authorized Rate No change Authorized Quantity No change Depth of well N/A (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: 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 SW Quarter of the NW Quarter of the SE Quarter
 of Section _____ 28 _____, Township _____ 23 _____ South, Range _____ 37 _____ W,
 in KE _____ County, Kansas, 1371 feet North 2130 feet West of Southeast corner of section.
 Proposed Rate No change Proposed Quantity No change Proposed well depth (feet) 360
 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?

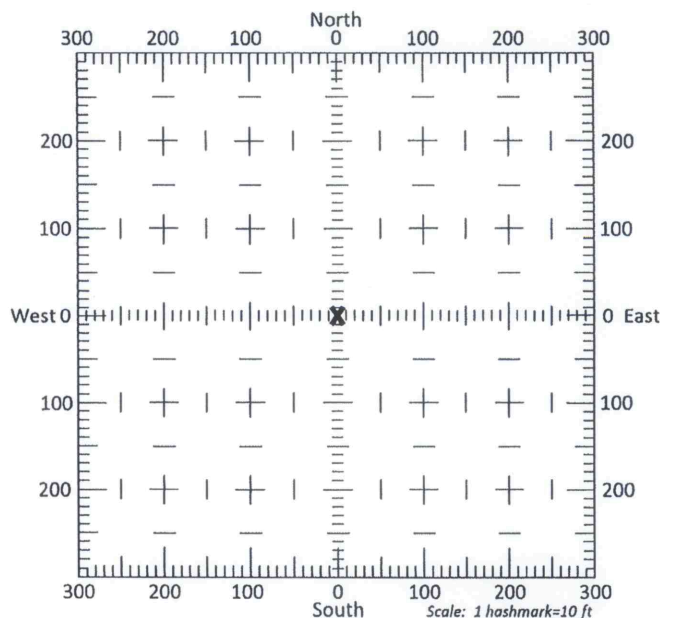
10. If the point of diversion is a well:
 (a) What are you going to do with the old well?

 (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 300 feet of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. (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 _____, Kansas, this _____ day of _____, 20_____.

<p><u>[Signature]</u> _____ (Owner)</p> <p><u>Stewart Stabel</u> _____ (Please Print)</p> <p><u>Royal Stabel</u> _____ (Owner)</p> <p><u>Roshel Stabel</u> _____ (Please Print)</p> <p>_____ (Owner)</p> <p>_____ (Please Print)</p>	<p>_____ (Spouse)</p> <p>_____ (Please Print)</p> <p>_____ (Spouse)</p> <p>_____ (Please Print)</p> <p>_____ (Spouse)</p> <p>_____ (Please Print)</p>
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State of Kansas }
 County of Kearny } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 28th day of July, 2023.

[Signature]
Notary Public

My Commission Expires 01/22/2025.

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. 8853.

- 1. A change application was received on July 28, 2023 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
- 2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
- 3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 50 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
- 4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
- 5. The point(s) of diversion authorized herein shall not actually be located more than 300 feet from the previously authorized point(s) of diversion. Applicable Not Applicable
- 6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
- 7. The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2023, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
- 8. Installation of the works for diversion of water shall be completed on or before December 31, 2023, or within any authorized extension of time. By March 1, 2024 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
- 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: August 1, 2023

State of Kansas)

County of Linney) SS

Acknowledged before me on August 1, 2023

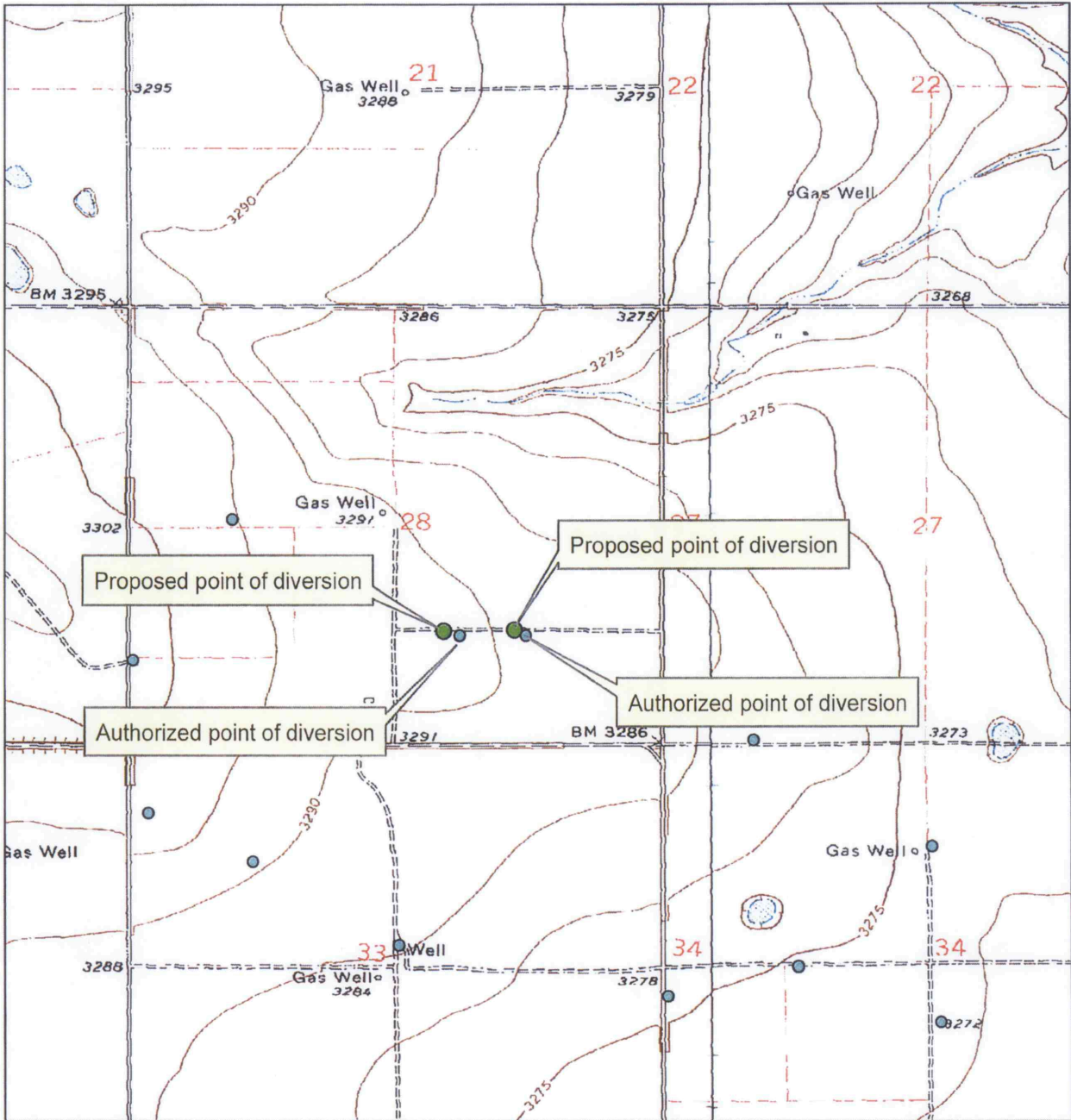
by Austin McColloch

Signature: Aaron Holsted

My commission expires _____
Notary Public
AARON T. HOLSTED
My Appointment Expires _____
(Notary 08/1) 2027

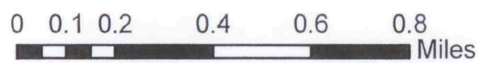
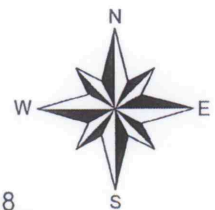


Change in point of diversion for water right 8853



● Authorized point of diversion

● Proposed point of diversion

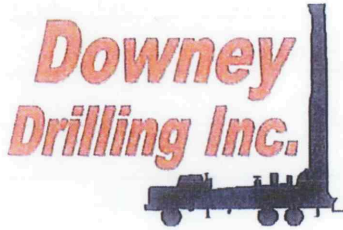


All wells within 1/2 mile are noted

X _____

WELL LOG

DATE: 11/2/2020



CUSTOMER NAME: STEWART AND ROSHEL STABEL TH#2

LEGAL: SE 28-23S-37W

BEST

COUNTY: KEARNY CO, KS

GPS: 38.020762

-101.382091

LOGGER:

DRILLER: DIEGO VALLE

WO: 20-1027

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	3	TOPSOIL	SOFT	DARK BROWN	FAST		SMOOTH
	3	10	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	10	15	WHITE CLAY W/ CALICHE	SOFT & FIRM	WHITE	FAST		SMOOTH & VIBRATION
	15	32	REDISH CLAY	SOFT	RED	FAST		SMOOTH
	32	43	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	43	50	CEMENTED SAND	HARD		SLOW		CHATTER
	50	57	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	57	66	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	66	71	FINE-MED-COARSE SAND W/ SANDY CLAY	FIRM & SOFT	TAN	FAST		FAST CHATTER & SMOOTH
	71	94	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	94	116	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	116	125	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	125	133	FINE-MED-COARSE SAND W/ SANDY CLAY	FIRM & SOFT		FAST		VIBRATION & SMOOTH
	133	155	FINE-MED SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	155	174	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	174	184	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	184	197	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	197	206	BROWN SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	206	215	FINE-MED SAND	FIRM		FAST		FAST CHATTER
	215	222	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	222	228	FINE-MED SAND	STIFF		FAST		FAST CHATTER
	228	230	CEMENTED SAND	HARD		SLOW	X	CHATTER
	230	240	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	240	254	SANDY CLAY W/ FINE-MED SAND	SOFT & FIRM	TAN	FAST		SMOOTH & VIBRATION
	254	289	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
X	289	290	BROWN ROCK	HARD	BROWN	SLOW	X	CHATTER
X	290	295	WEATHERED [REDACTED] W/ BROWN ROCK	SOFT & FIRM	YELLOW & BROWN	FAST		SMOOTH & CHOPPY
	295	298	[REDACTED] CLAY	SOFT	BLUE	SLOW		SMOOTH
	298	299	BROWN ROCK	HARD	BROWN	SLOW	X	CHATTER
	299	319	SANDSTONE	HARD	BROWN & WHITE	SLOW	X	CHATTER
	319	329	BLUE SHALE	SOFT	BLUE	SLOW		SMOOTH
	329	340	GRAY SHALE	SOFT	GRAY	SLOW		SMOOTH
			QUIKGEL - 4 SODA ASH - 1/4 CASING SEAL - 1					
			WATER LOADS - 3/4 HOLE PLUG - 2					

RECEIVED

JUN 26 2023

Garden City Field Office
Division of Water Resources

APPROX

SWH 250

WELL LOG

DATE: 11/2/20

Downey Drilling Inc.

LEXINGTON, NE
ALLIANCE, NE
GARDEN CITY, KS



OG-4
Water loads = 3/4
SA - 1/4
Hole plug - 2
CS - 1

CUSTOMER NAME: Stewart and Reshel Stabel TH#2

LEGAL: SE 28-23S-37W

COUNTY: Kearny Co, KS

GPS: 38.020762

-101.382091

DRILLER: Diego Valle

WO: 20-1027

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	3	Topsoil	Soft	Dark Brown	fast		smooth
	3	10	Brown silty clay	"	Brown	"		"
	10	15	White clay w/ Caliche	Soft & Firm	White	"	smooth	& vibration
	15	32	Reddish clay	Soft	Red	"		smooth
	32	43	FMC sand w/ Fine gravel	stiff		"		Chatter
	43	50	Cemented sand	Hard		slow		"
	50	57	FMC sand	Firm		fast		fast chatter
	57	66	FMC sand w/ Fine gravel	stiff		"		Chatter
	66	71	FMC sand w/ Sandy clay	Firm & Soft	Tan	"	fast	chatter & smooth
	71	99	Brown clay	Soft	Brown	"		smooth
	99	116	FMC sand	Firm		"		fast chatter
	116	125	Brown clay	Soft	Brown	"		smooth
	125	133	FMC sand w/ Sandy clay	Firm & Soft		"	vibration	& smooth
	133	155	FM sand w/ Fine gravel	stiff		"		Chatter
	155	179	Sandy clay	Soft	Tan	"		smooth
	179	184	Brown sticky clay	sticky	Brown	"		"
	184	197	FMC sand	Firm		"		fast chatter
	197	206	Brown Sandy clay	Soft	Brown	"		smooth
	206	215	FM sand	Firm		"		fast chatter
	215	222	sandy clay	Soft	Tan	"		smooth
	222	228	FM sand	stiff		"		fast chatter
	228	230	Cemented sand	Hard		slow	X	Chatter
	230	240	Sandy clay	Soft	Tan	fast		smooth
	240	254	Sandy clay w/ FM sand	Soft & Firm	"	"	smooth	& vibration
	254	289	FMC sand w/ Fine gravel	stiff		"		chatter
X	289	290	Brown Rock	Hard	Brown	slow	X	"
X	290	295	weathered shale w/ Brown rock	Soft & Firm	Yellow & Brown	fast	smooth	& choppy
	295	298	Shale	Soft	Blue	slow		smooth
	298	299	Brown Rock	Hard	Brown	"	X	Chatter
	299	319	Sandstone	"	white	slow		"
	319	329	Blue shale	Soft	Blue	"		smooth
	329	340	Grey shale	"	Grey	"		"

RECEIVED

JUN 26 2023

Garden City Field Office
Division of Water Resources



Century GEOPHYSICAL CORP.

STEWART AND ROSHEL STABEL

COMPANY : DOWNEY DRILLING INC
WELL : STEWART AND ROSHEL STABE
LOCATION/FIELD : TH#2
COUNTY : KEARNY C
LOCATION : SE
SECTION : 28

OTHER SERVICES:

TOWNSHIP : 23S RANGE : 37W

DATE : 11/02/2
DEPTH DRILLER : 340
LOG BOTTOM : 340.6
LOG TOP : 1.0

PERMANENT DATUM : GL

LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

KB :
DF :
GL :

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

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

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

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

FILE : ORIGINA
TYPE : 8144A
LGDATE: 11/02/20
LGTIME : 14:09:
THRESH: 99999

N 38.02076
W -101.38209

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

RECEIVED

JUN 26 2023

Garden City Field Office
Division of Water Resources

RES(FL)	
10	OHM-M 20
	SP
-50	MV 150
	GAMMA
0	API-GR 200

FEET

0

10

20

30

40

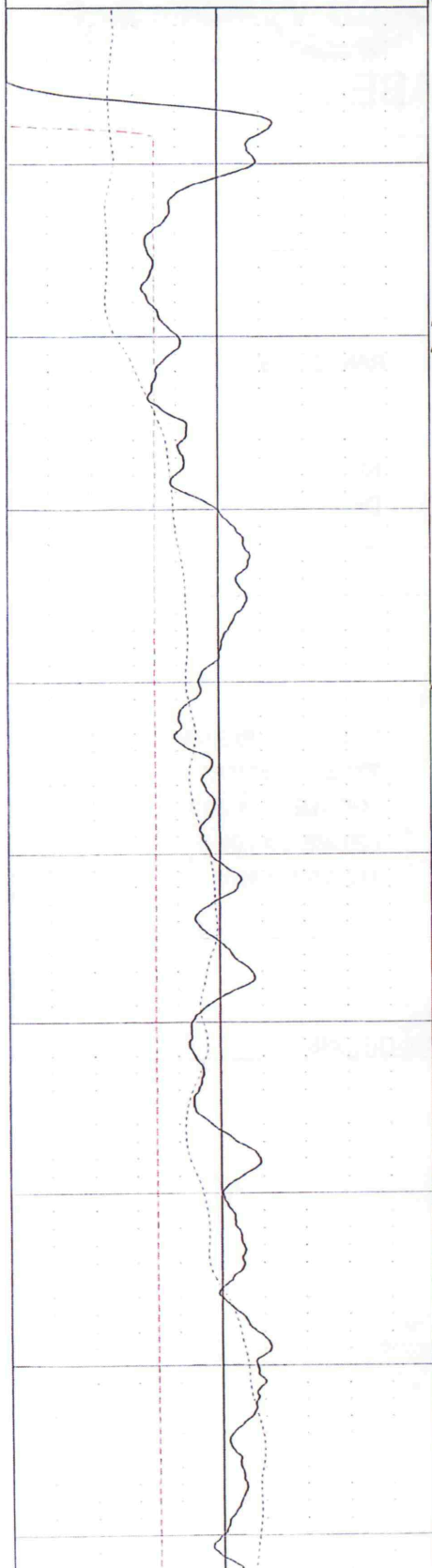
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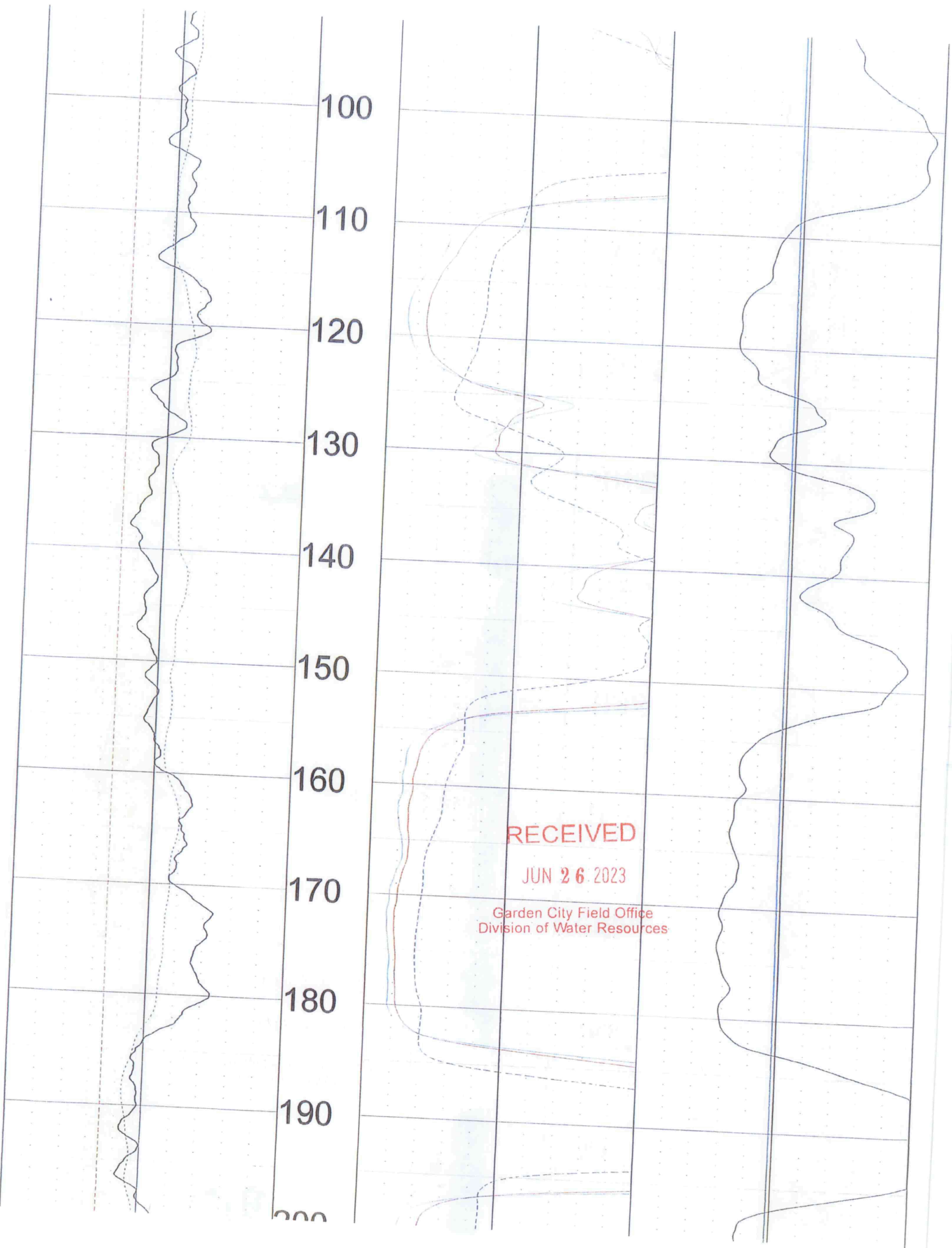
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LATERAL		
0	OHM-M 100	
	RES(64N)	TEMP
0	OHM-M 10060	DEG_F 70
	RES(16N)	RES
0	OHM-M 1000	OHM 100



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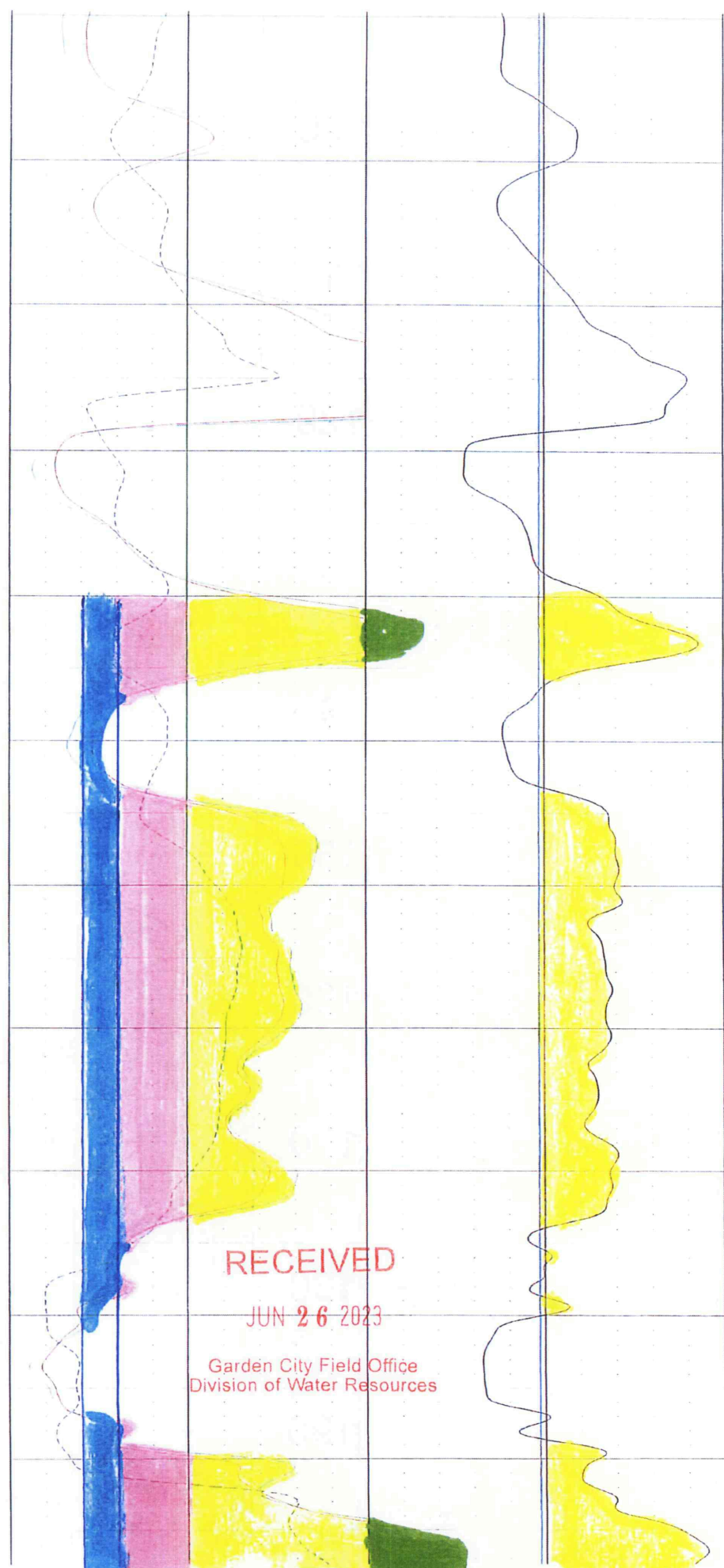
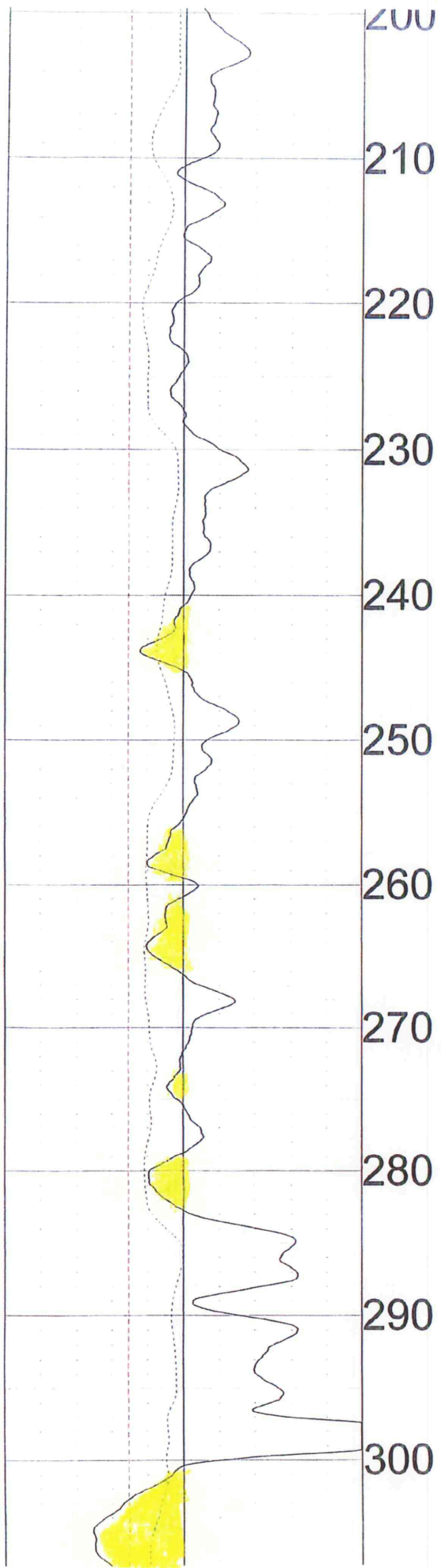
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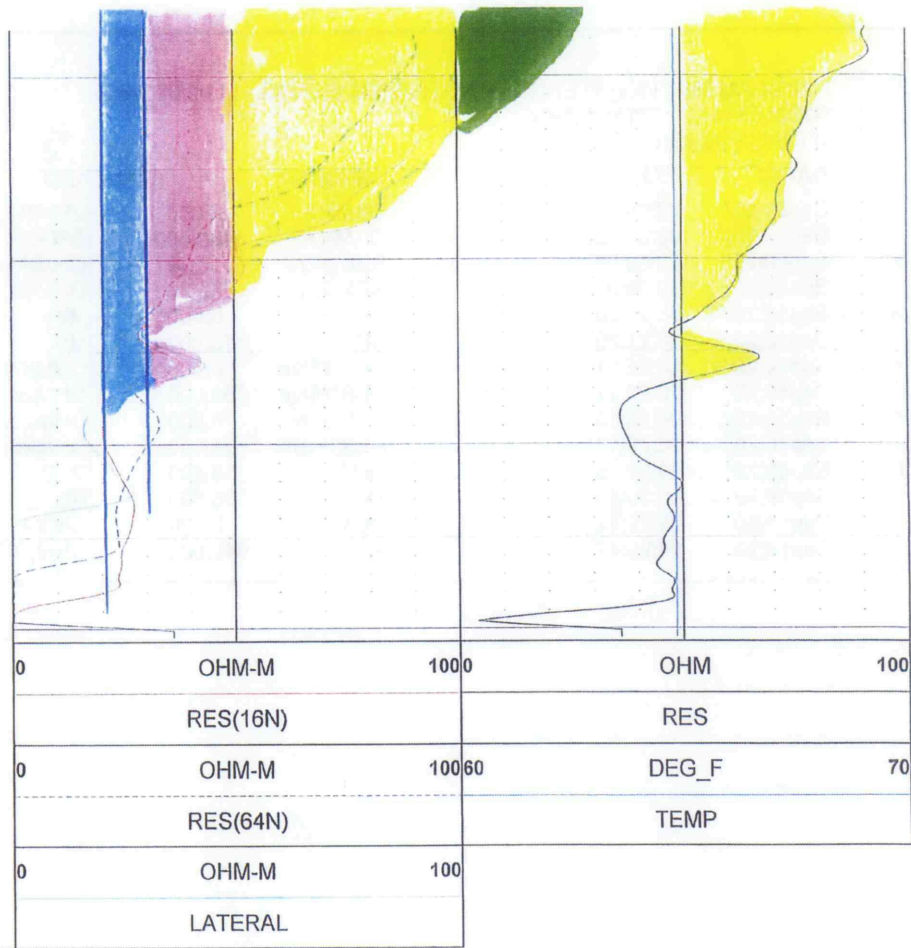
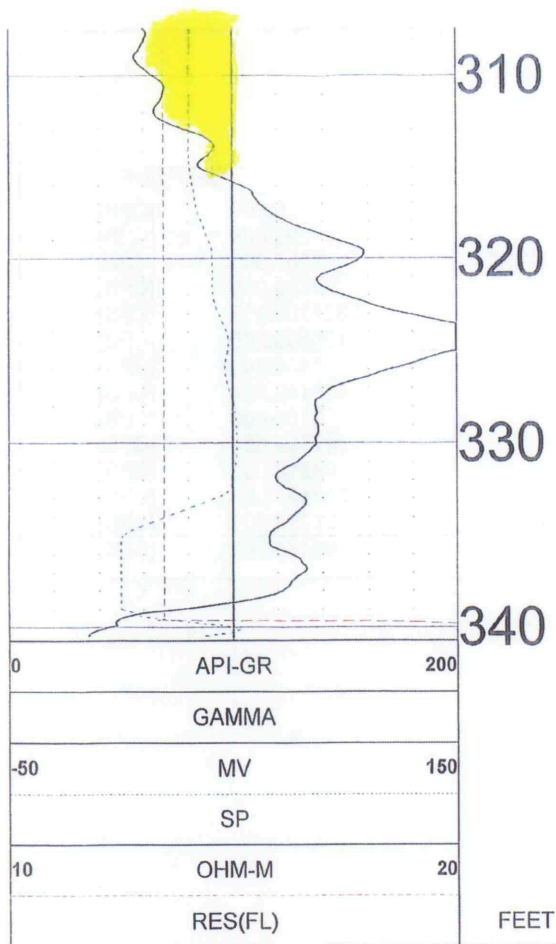
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TOOL CALIBRATION STEWART AND ROSHEL STABEL 11/02/20 14:09
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

	DATE	TIME	SENSOR	STANDARD		RESPONSE	
1	Sep09,20	09:08:33	GAMMA	1.000	[API-GR]	0.000	[CPS]
	Sep09,20	09:08:33	GAMMA	340.000	[API-GR]	292.000	[CPS]
2	Sep09,20	09:32:04	RES(FL)	1.331	[OHM-M]	7595.000	[CPS]
	Sep09,20	09:32:04	RES(FL)	42.720	[OHM-M]	64820.000	[CPS]
3	Sep10,20	08:27:30	SP	0.000	[MV]	327793.313	[CPS]
	Sep10,20	08:27:30	SP	390.000	[MV]	155565.500	[CPS]
4	Sep10,20	08:28:21	RES(16N)	0.000	[OHM-M]	3456.300	[CPS]
	Sep10,20	08:28:21	RES(16N)	1956.000	[OHM-M]	448149.094	[CPS]
5	Sep10,20	08:29:13	RES(64N)	0.000	[OHM-M]	3150.900	[CPS]
	Sep10,20	08:29:13	RES(64N)	1991.800	[OHM-M]	447597.813	[CPS]
6	Sep09,20	09:30:45	TEMP	33.400	[DEG_F]	66910.000	[CPS]
	Sep09,20	09:30:45	TEMP	105.800	[DEG_F]	269401.000	[CPS]
7	Sep10,20	08:29:42	RES	0.000	[OHM]	21274.301	[CPS]
	Sep10,20	08:29:42	RES	945.000	[OHM]	190164.500	[CPS]

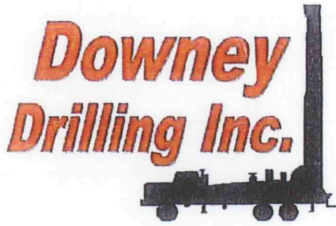
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Division of Water Resources

WELL LOG

DATE: 10/30/2020



CUSTOMER NAME: STEWART AND ROSHEL STABEL TH#1

LEGAL: SE 28-235-37W

2ND BEST

COUNTY: KEARNY CO, KS

GPS: 38.020721

-101.384535

LOGGER:

DRILLER: DIEGO VALLE

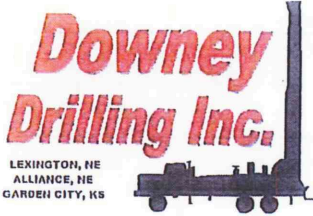
WO: 20-1027

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	4	TOPSOIL	SOFT	DARK BROWN	FAST		SMOOTH
	4	11	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	11	16	WHITE CLAY	SOFT	WHITE	FAST		SMOOTH
	16	24	SANDY CLAY W/ CALICHE LAYERS	SOFT & FIRM	WHITE	SLOWER		SMOOTH & CHOPPY AT TIMES
	24	40	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		CHATTER
	40	53	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	53	72	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	72	74	CEMENTED SAND	HARD		FAST		CHATTER
	74	94	SANDY CLAY W/ CEMENTED SAND	SOFT & STIFF	TAN	SLOW		SMOOTH & CHOPPY AT TIMES
	94	113	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	113	143	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	143	172	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	172	187	STICKY BROWN CLAY	STICKY	BROWN	FAST		SMOOTH
X	187	211	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	211	217	STICKY BROWN CLAY	STICKY	BROWN	FAST		SMOOTH
	217	224	SANDY CLAY	SOFT		FAST		SMOOTH
	224	289	FINE-MED-COARSE SAND W/ LIMEROCK	FIRM	WHITE	FAST		FAST CHATTER
	289	297	SANDSTONE W/ BROWN ROCK & LIMEROCK	FIRM	WHITE & BROWN			FAST CHATTER
X	297	300	WEATHERED SHALE W/ BROWN ROCK	SOFT & FIRM	YELLOW & BROWN	SLOW		SMOOTH & VIBRATION
X	300	317	SANDSTONE	HARD	GRAY	SLOW		CHATTER
X	317	318	SANDSTONE W/ BROWN ROCK	STIFF	GRAY & BROWN	FAST		CHATTER
	318	321	BLUE SHALE W/ GRAY SOAPSTONE	SOFT	BLUE	FAST		SMOOTH
	321	341	GRAY SOAPSTONE W/ SANDSTONE	SOFT & FIRM	GRAY	FAST		SMOOTH & CHOPPY
	341	360	GRAY SHALE	SOFT	GRAY	SLOW		SMOOTH
			QUIKGEL - 3					
			WATER LOADS - 1/2					
			SODA ASH - 1/4					
			HOLE PLUG - 2					
			CASING SEAL - 1					

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WELL LOG

DATE: 10/30/20



CUSTOMER NAME: Stewart and Roshei Stabel TH#1

LEGAL: SE 28-235-37w

COUNTY: Kearny Co, KS

GPS: 38.020721

- 101.384535

DRILLER: Diego Valle WO: 20-1027

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	4	Topsoil	Soft	Dark Brown	fast		smooth
	4	11	Brown clay	"	Brown	"		"
	11	16	white clay	"	white	"		"
	16	24	Sandy clay w/ caliche layers	Soft & firm	"	slower	smooth	choppy at times
	24	40	FMC sand w/ FM gravel	stiff		fast		chatter
	40	53	Sandy clay	Soft	Tan	"		smooth
	53	72	FMC sand	firm		"		fast chatter
	72	74	cemented sand	Hard		"		chatter
	74	94	sandy clay w/ cemented sand	soft & stiff	Tan	slow	smooth	choppy at times
	94	113	FMC sand	firm		fast		fast chatter
	113	143	sandy clay	Soft	tan	"		smooth
	143	172	FMC sand	firm		"		fast chatter
	172	187	Sticky Brown clay	Sticky	Brown	"		smooth
X	187	211	FMC sand	firm		"		fast chatter
	211	217	Sticky Brown clay	Sticky	Brown	"		smooth
	217	224	Sandy clay	Soft		"		"
	224	289	FMC sand w/ lime rock	firm	white	"		fast chatter
	289	297	Sandstone w/ Brown rock & lime rock	"	white Brown white	"		"
X	297	300	weathered shale w/ Brown rock	Soft & firm	yellow & brown	slow	smooth	at vibration
X	300	317	sandstone	Hard	Grey	slow		chatter
X	317	318	Sandstone w/ Brown rock	stiff	Grey & Brown	fast		"
	318	321	Blue shale w/ grey soapstone	Soft	Blue	"		smooth
	321	341	grey soapstone w/ sandstone	soft & firm	grey	"	smooth	choppy
	341	360	Grey shale	Soft	"	slow		smooth
			Get 3					
			Water loads 1/2					
			SA 1/4					
			Hole plug - 2					
			CS-1					

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Century GEOPHYSICAL CORP.

STEWART AND ROSHEL STABEL

COMPANY : DOWNEY DRILLING INC
WELL : STEWART AND ROSHEL STABE
LOCATION/FIELD : TH#1
COUNTY : KEARNY C
LOCATION : SE
SECTION : 28

OTHER SERVICES:

TOWNSHIP : 23S RANGE : 37W

DATE : 10/30/20
DEPTH DRILLER : 360
LOG BOTTOM : 360.70
LOG TOP : 1.00

PERMANENT DATUM : GL

LOG MEASURED FROM: GL

DRL MEASURED FROM: GL

KB :
DF :
GL :

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

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

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

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

FILE : ORIGINAL
TYPE : 8144A
LGDATE: 10/30/20
LGTIME : 15:37:
THRESH: 99999

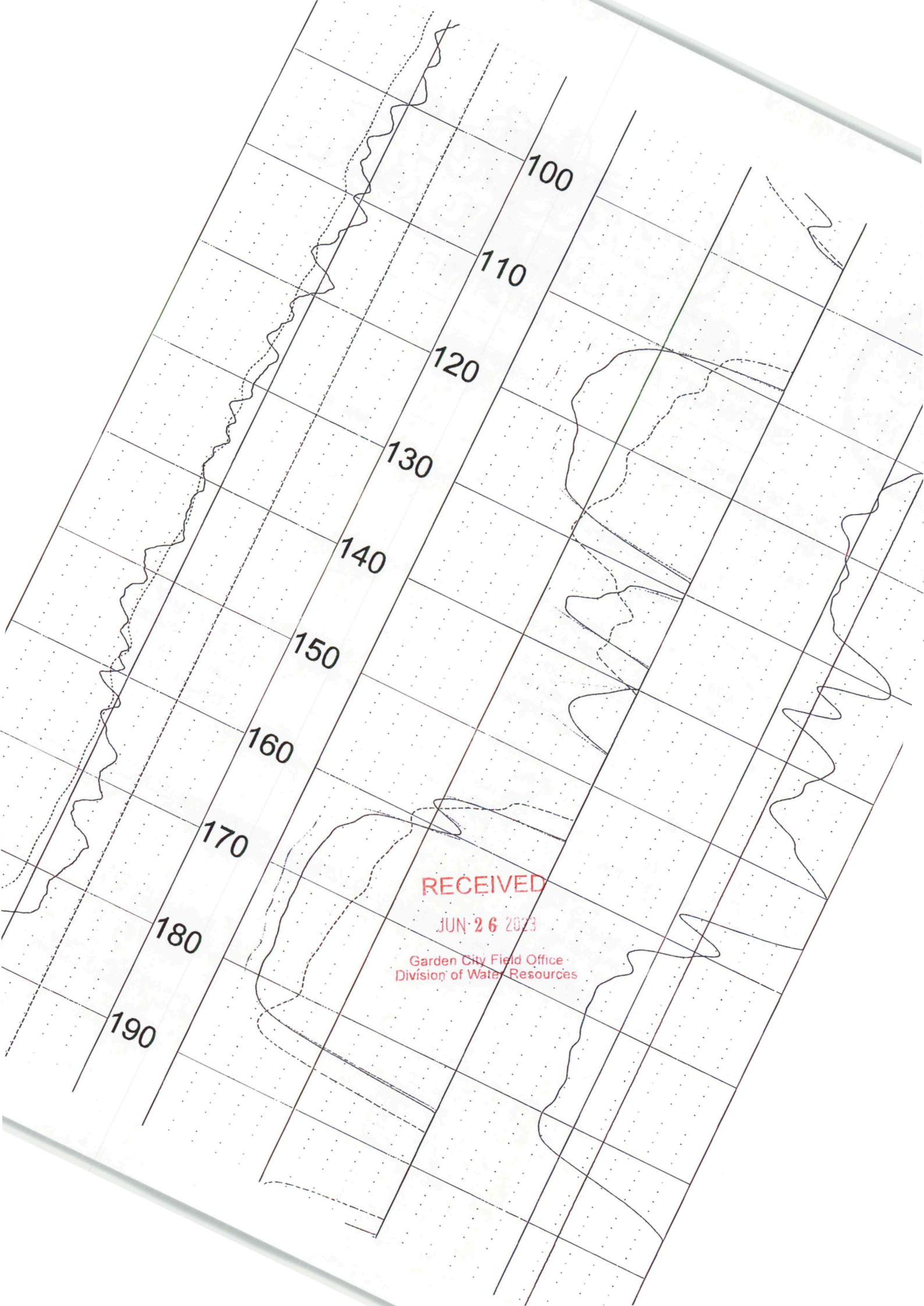
N 38.02072
W -101.38453

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

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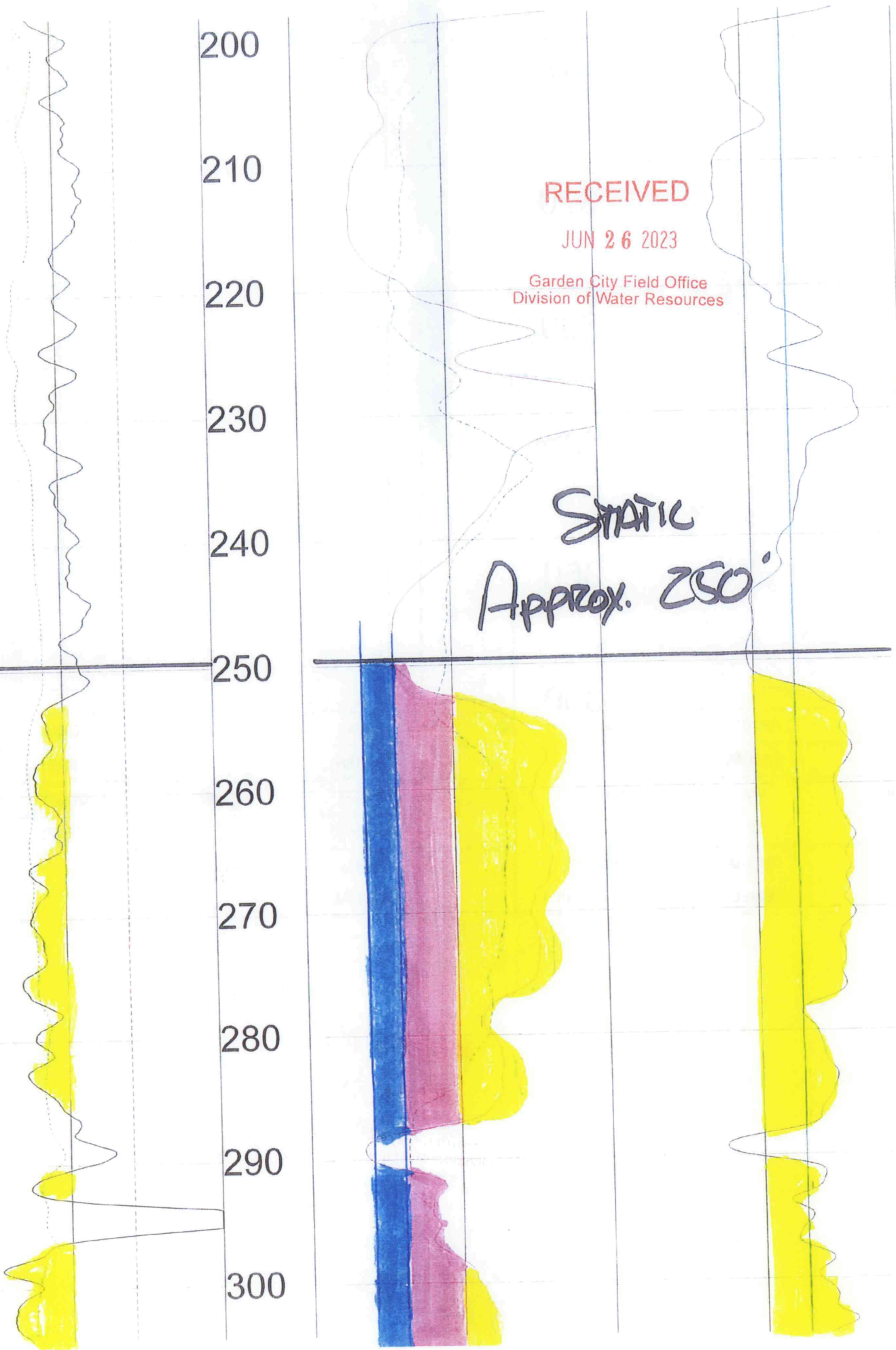
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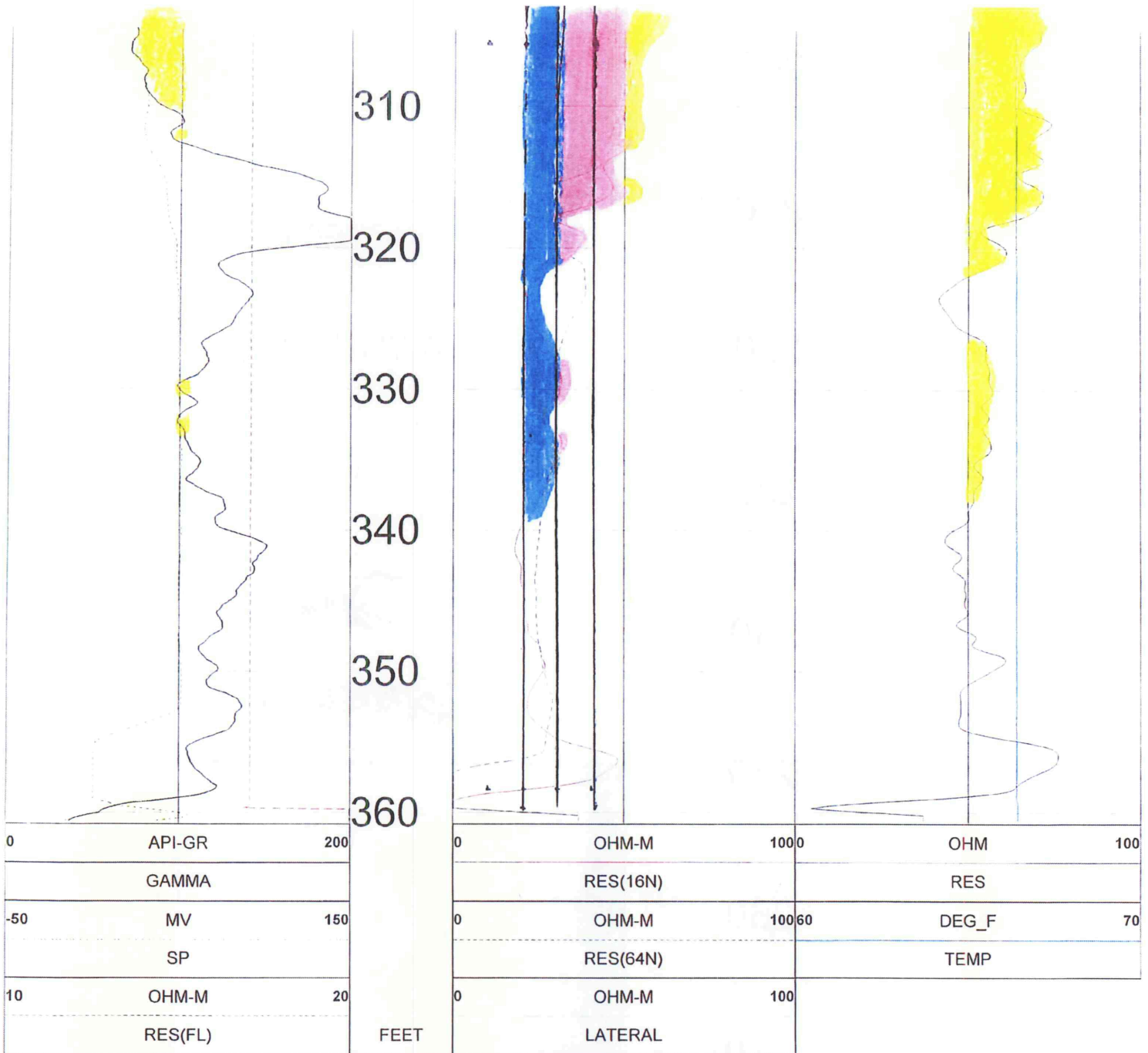
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STATIC
Approx. 250'





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TOOL CALIBRATION STEWART AND ROSHEL STABEL 10/30/20 15:37
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

	DATE	TIME	SENSOR		STANDARD		RESPONSE
1	Sep09,20	09:08:33	GAMMA	1.000	[API-GR]	0.000	[CPS]
	Sep09,20	09:08:33	GAMMA	340.000	[API-GR]	292.000	[CPS]
2	Sep09,20	09:32:04	RES(FL)	1.331	[OHM-M]	7595.000	[CPS]
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3	Sep10,20	08:27:30	SP	0.000	[MV]	327793.313	[CPS]
	Sep10,20	08:27:30	SP	390.000	[MV]	155565.500	[CPS]
4	Sep10,20	08:28:21	RES(16N)	0.000	[OHM-M]	3456.300	[CPS]
	Sep10,20	08:28:21	RES(16N)	1956.000	[OHM-M]	448149.094	[CPS]
5	Sep10,20	08:29:13	RES(64N)	0.000	[OHM-M]	3150.900	[CPS]
	Sep10,20	08:29:13	RES(64N)	1991.800	[OHM-M]	447597.813	[CPS]
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	Sep10,20	08:29:42	RES	945.000	[OHM]	190164.500	[CPS]

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