

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

1. File Number: <b>16882</b>	2. Status Change Date: <b>9-13-2021</b>	3. Change Num: <b>C2</b>	4. Field Office: <b>4</b>	5. GMD: <b>3</b>
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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: <b>8/31/2021</b>
--	---

8a. Landowner, correspondent New to system <input type="checkbox"/> Person ID <b>66622</b> Add Seq# _____  <b>SATANTA FARMS LLC</b> <b>500 SOUTH TAYLOR SUITE 601</b> <b>AMARILLO, TX 79101</b>	8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
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8b. Landowner(s), correspondent New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	8d. 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: **12/31/2021**     N & P Date to Comply: **3/1/2022**

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: \_\_\_\_\_

See attached deed	Date Prepared: <b>9/13/2021</b> By: <b>MAM</b>
	Date Entered: _____    By: _____

File No. **16882**      11. County: HS      Basin: CIMMARON RIVER      Stream:      Formation Code: **211/331**      Special Use:

12. Points of Diversion  
 Rate and Quantity  
 Authorized      Additional  
 MOD      PDIV  
 DEL      Qualifier      S      T      R      ID      'N      'W      Comment (AKA Line)      Rate      Quantity      Rate      Quantity  
 ENT      gpm      af      gpm      af      Overlap PD Files

**DEL 46179**  
**ENT      SENWSE      4      28S 33W      1475      1629      1275      412      1275      412      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				
<b>CHK 21944</b>																				
<b>CHK 31503</b>																				

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](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

September 13, 2021

SATANTA FARMS LLC  
500 SOUTH TAYLOR SUITE 601  
AMARILLO, TX 79101

RE: Field Office Application for Change  
Water Right, File No. 16882

Dear Sir or Madam:

Enclosed is an 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 the approval for change. Conditions of these approval are 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 "Michael A. Meyer".

Michael A. Meyer  
Water Commissioner

MAM  
enclosures  
pc:

GMD3


**CERTIFICATE OF SERVICE**

On this 13<sup>th</sup> day of September 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 16,882 dated 13<sup>th</sup> day of September 2021 was mailed postage prepaid, first class, US mail to the following:

SATANTA FARMS LLC  
500 SOUTH TAYLOR SUITE 601  
AMARILLO, TX 79101

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. 16882

RECEIVED

AUG 31 2021  
 1:44 PM

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: SATANTA FARMS LLC

500 SOUTH TAYLOR SUITE 601 AMARILLO TX 79101

Phone Number: (    ) \_\_\_\_\_ Email address: \_\_\_\_\_

Name and address of Water Use Correspondent: SATANTA FARMS LLC

500 SOUTH TAYLOR SUITE 601 AMARILLO TX 79101

Phone Number: (    ) \_\_\_\_\_ Email address: \_\_\_\_\_

3. The presently authorized place of use is:

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		

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 \$ 200.00 TR # \_\_\_\_\_ Receipt Date 8/31/2021 Check # 50067119

5. **Presently authorized point of diversion:**  
 One in the NW Quarter of the NW Quarter of the NE Quarter of Section 9, Township 28 South, Range 33 W, in HASKELL County, Kansas, 5120 feet North 2040 feet West of Southeast corner of section. Authorized Rate \_\_\_\_\_ Authorized Quantity \_\_\_\_\_ Depth of well 2595 (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 NW Quarter of the SE Quarter of Section 4, Township 28 South, Range 33 W, in HASKELL County, Kansas, 1475 feet North 1629 feet West of Southeast corner of section. Proposed Rate \_\_\_\_\_ Proposed Quantity \_\_\_\_\_ Proposed well depth (feet) 690.  
 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

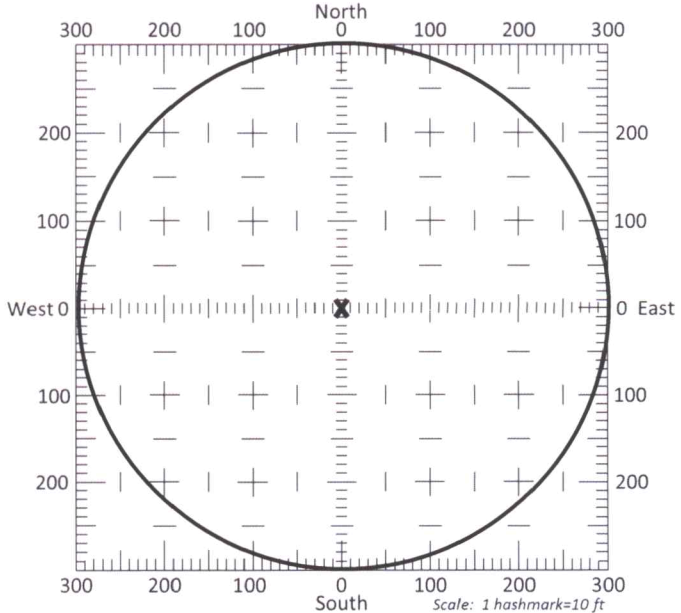
9. The change(s) (was)(will be) completed by?  
 \_\_\_\_\_  
 \_\_\_\_\_

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 Alex Torrance

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 Dallas, Texas, this 16<sup>th</sup> day of August, 2021.

[Signature]  
\_\_\_\_\_  
(Owner)

\_\_\_\_\_  
(Spouse)

William L. Graham  
\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Owner)

\_\_\_\_\_  
(Spouse)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Owner)

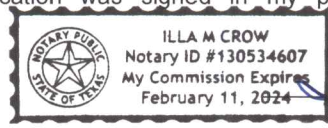
\_\_\_\_\_  
(Spouse)

\_\_\_\_\_  
(Please Print)

\_\_\_\_\_  
(Please Print)

State of Texas }  
County of Dallas } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 16<sup>th</sup> day of August, 2021.



My Commission Expires 2/11/24.

[Signature]  
\_\_\_\_\_  
Notary Public

**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**

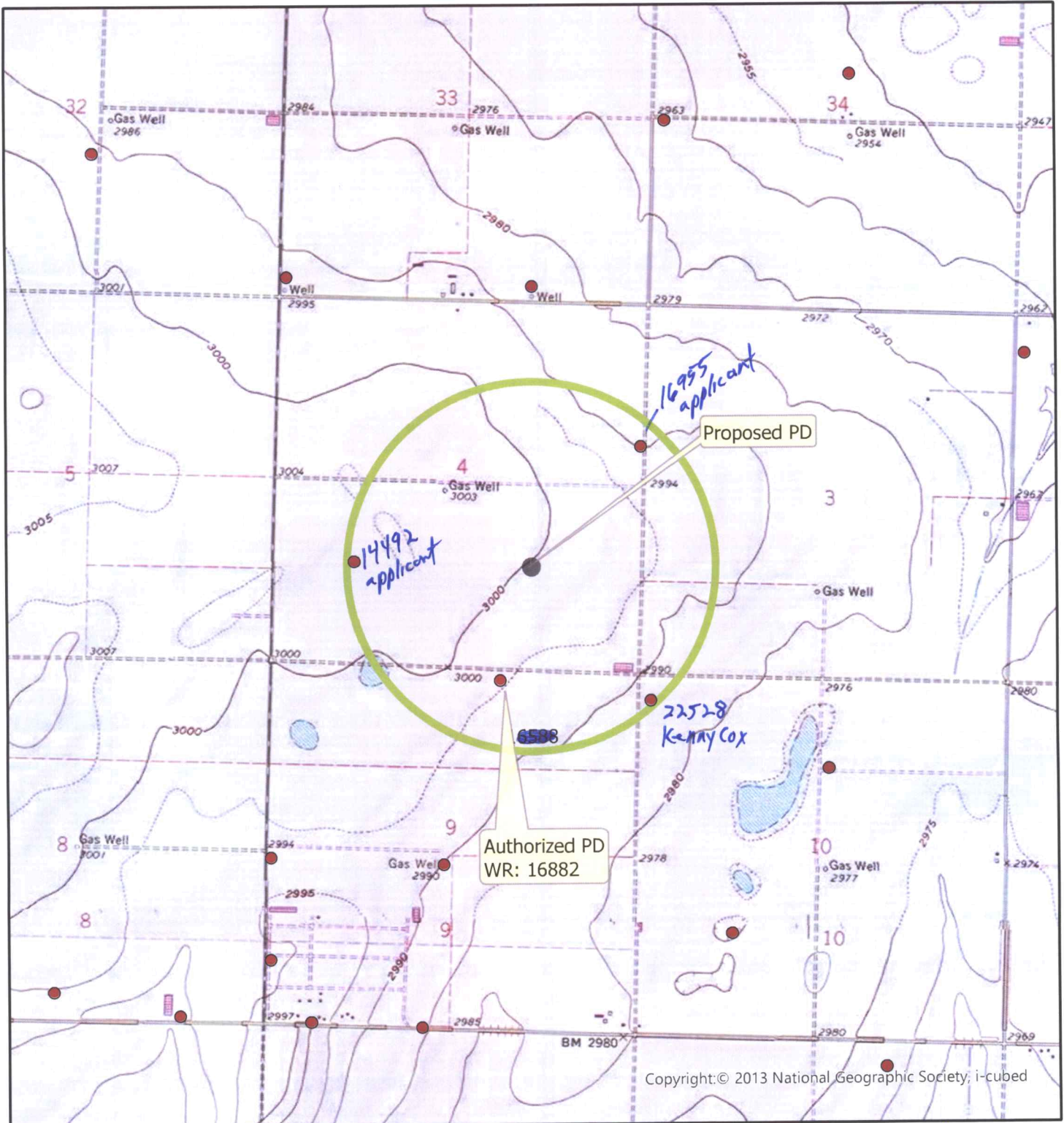
Each application to change the place of use or the point of diversion under this section shall be accompanied by the application fee set forth in the schedule below: Make checks payable to: **Kansas Department of Agriculture**

(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





# CHANGE IN POINT OF DIVERSION 16882



Township 28 South Range 33 West  
HS County

0 0.13 0.25 0.5 Miles

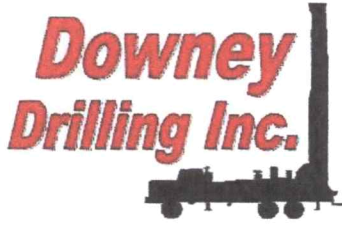
All wells of any kind within a half mile of  
the proposed point of diversion are shown:

● POINT OF DIVERSION



# WELL LOG

DATE: 7/2/2021



CUSTOMER NAME: SATANTA FARMS, LLC TH#2

LEGAL: NWSE 4-285-33W

COUNTY: HASKELL CO, KS

GPS: 37.638977

-100.931195

LOGGER:

DRILLER: ROCKY

WO: 21-087

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOPSOIL	SOFT	DARK BROWN	FAST		SMOOTH
	2	10	BROWN CLAY	SOFT	BROWN	FAST		SMOOTH
	10	17	LIGHT BROWN CLAY	SOFT	LIGHT BROWN	FAST		SMOOTH
	17	25	SANDY CLAY W/ CALICHE	SOFT	BROWN	FAST		SMOOTH & CHOPPY
	25	89	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	89	97	FINE-MED-COARSE W/ FINE-MED GRAVEL	STIFF		FAST		CHATTER
	97	116	FINE-MED-COARSE GRAVEL W/ FINE-MED-COARSE SAND	STIFF		FAST		FAST CHATTER SMOOTH & VIBRATION
	116	120	SANDY CLAY W/ FINE SAND	SOFT	BROWN	FAST		
	120	150	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	150	156	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	156	251	FINE-MED-COARSE W/ FINE-MED GRAVEL	STIFF		FAST		CHATTER
	251	260	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	260	297	BLUE CLAY	STICKY	BLUE	FAST		SMOOTH
	297	357	MED-COARSE SAND W/ SANDY CLAY & LIMEROCK	FIRM		FAST		FAST CHATTER
	357	386	MAG WHITE CLAY	SOFT	WHITE			
	386	394	FINE-MED-COARSE SAND W/ TRACES OF SANDY CLAY	FIRM		FAST		FAST CHATTER
	394	405	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	405	413	SANDY CLAY W/ FINE-MED-COARSE SAND	FIRM	BROWN	FAST		SMOOTH & CHOPPY
	413	427	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
	427	436	FINE-MED-COARSE SAND	FIRM		FAST		CHOPPY
	436	443	WHITE CLAY W/ CEMENTED SAND	STIFF	WHITE	FAST		CHOPPY
	443	451	FINE GRAVEL	STIFF		FAST		CHATTER
	451	467	SANDY CLAY W/ STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	467	485	STICKY CLAY	STICKY	BROWN TAN & WHITE	FAST		SMOOTH
	485	503	SANDY CLAY W/ FINE SAND & LIMEROCK	FIRM		FAST		SMOOTH & CHOPPY
	503	511	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	511	528	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	528	560	BROWN CLAY	SOFT	BROWN	FAST		VIBRATION
	560	580	SANDY CLAY	SOFT	TAN	FAST		SMOOTH
	580	592	FINE-MED-COARSE SAND W/ SANDSTONE	STIFF		FAST		FAST CHATTER
X	592	620	FINE-MED-COARSE SAND W/ FINE GRAVEL & BROWN ROCK	STIFF		FAST		CHATTER
	620	625	WEATHERED CLAY	SOFT	YELLOW & GRAY	FAST		SMOOTH
X	625	636	SANDSTONE W/ FINE SAND & BROWN ROCK	STIFF		FAST		FAST CHATTER
X	636	690	SANDSTONE W/ FINE SAND & SOAPSTONE	FIRM	BLUE	FAST		CHOPPY
	690	775	BLUE SHALE	SOFT	BLUE	FAST		SMOOTH
	775	822	SOAPSTONE W/ SANDSTONE/ FINE SAND & SHALE	FIRM	BLUE	FAST		CHOPPY

EST.  
 STATIC  
 440'  
 8  
 9  
 8  
 12  
 28  
 8  
 54  
 127'

OLD WELL  
 555' DEPTH





# Century GEOPHYSICAL CORP.

## SATANTA FARMS LLC

COMPANY : DOWNEY DRILLING INC  
WELL : SATANTA FARMS LL  
LOCATION/FIELD : TH#2  
COUNTY : HASKELL  
LOCATION : NW/SE  
SECTION : 4

OTHER SERVICES:

TOWNSHIP : 28S RANGE : 33W

DATE : 07/02/21  
DEPTH DRILLER : 822  
LOG BOTTOM : 820.50  
LOG TOP : 1.00

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

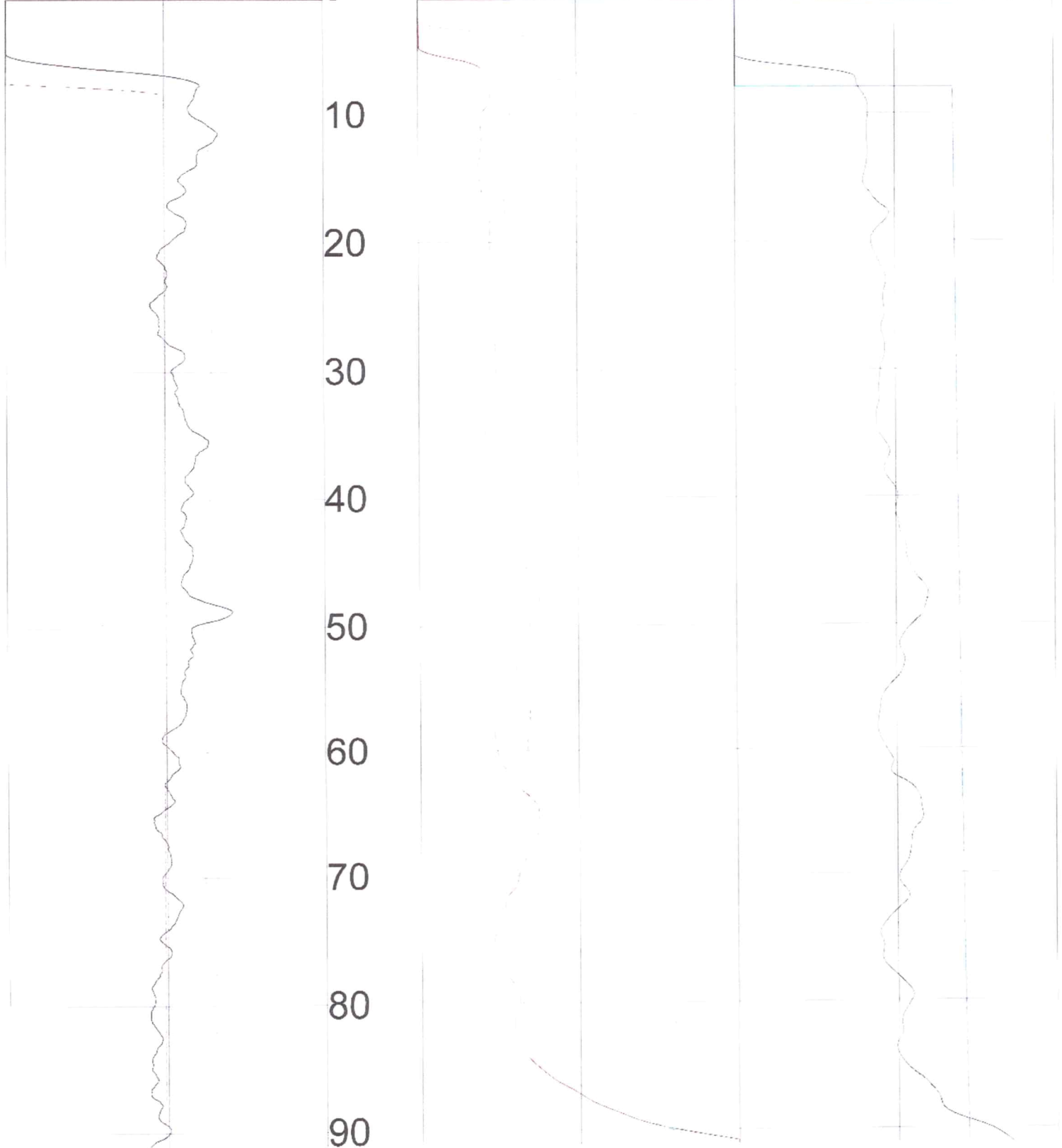
BOREHOLE FLUID : MUD  
RM :  
RM TEMPERATURE :  
MATRIX DELTA T : 49

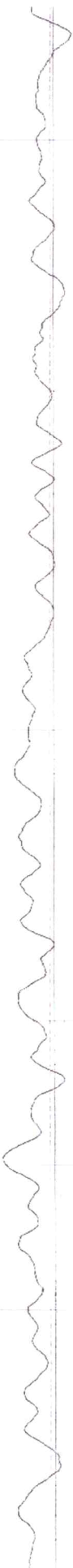
FILE : ORIGINAL  
TYPE : 8144A  
LGDATE: 07/02/21  
LGTIME : 18:27:  
THRESH: 99999

N 37.63897  
W -100.93119

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

RES(FI)		FEET	LATERAL			
5	OHM-M	15	0	OHM-M	100	
	SP			RES(64N)		
-75	MV	75	0	OHM-M	10065	TEMP
	GAMMA			RES(16N)		DEG_F
	API-GR	200	0	OHM-M	1000	RES
						OHM
						80





100

110

120

130

140

150

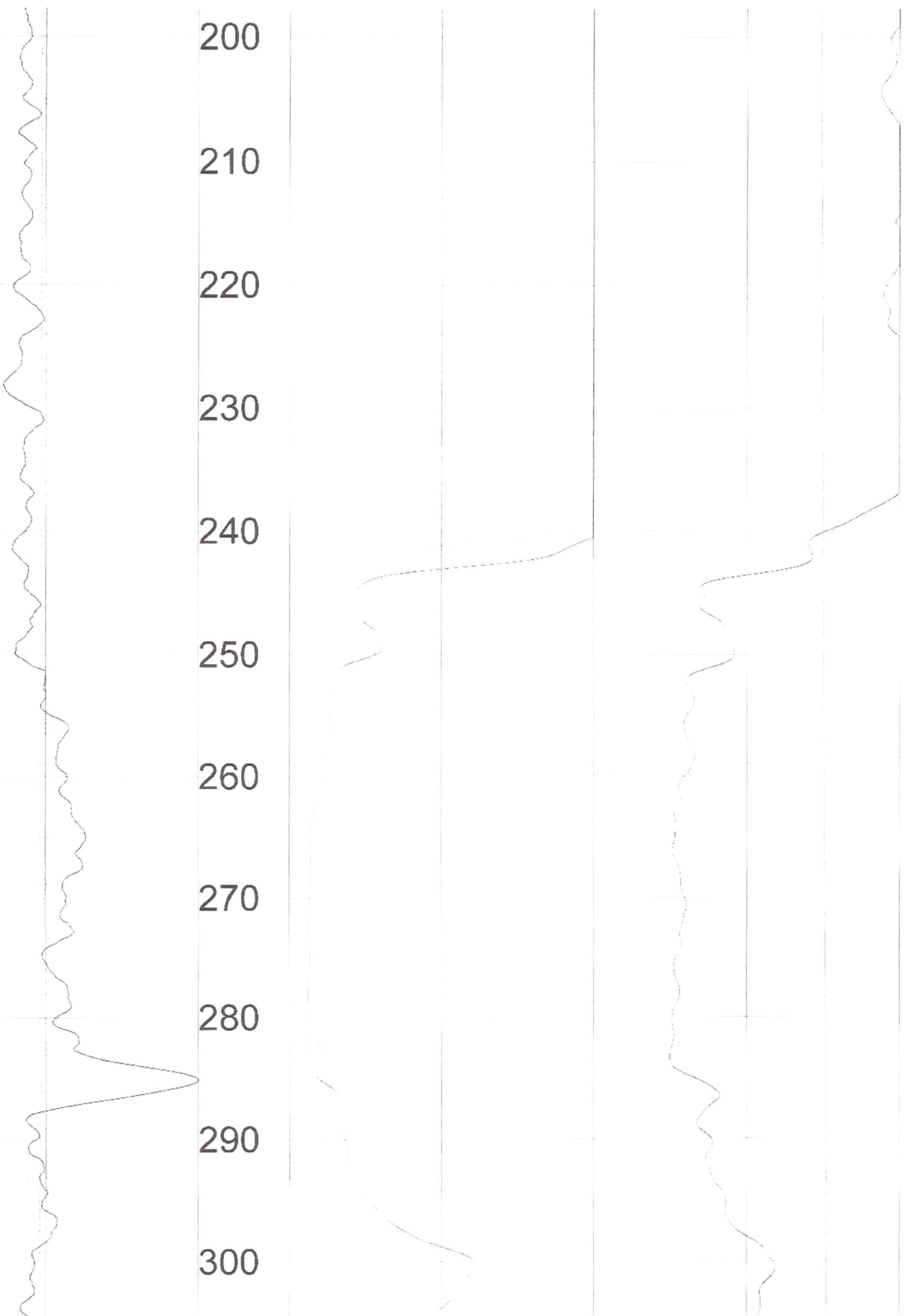
160

170

180

190





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340

350

360

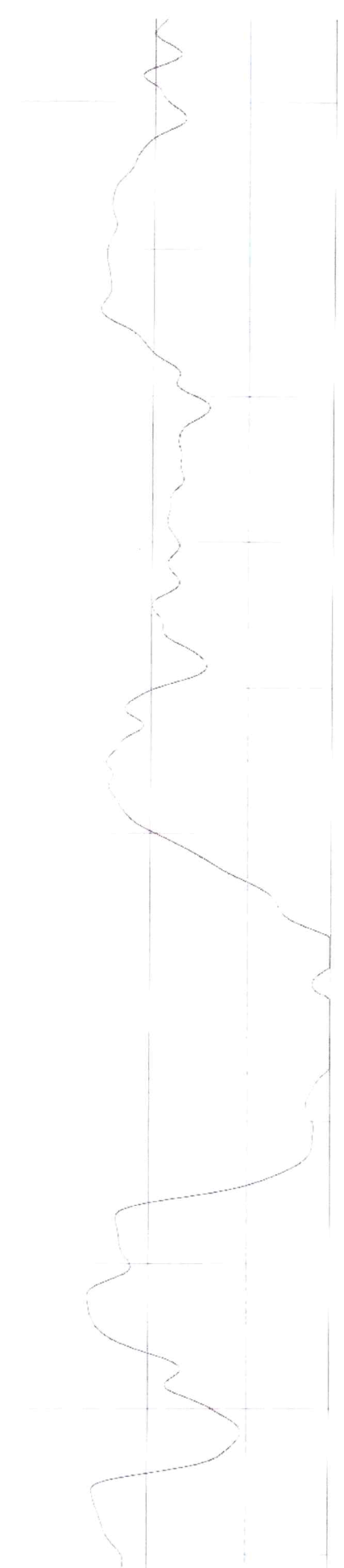
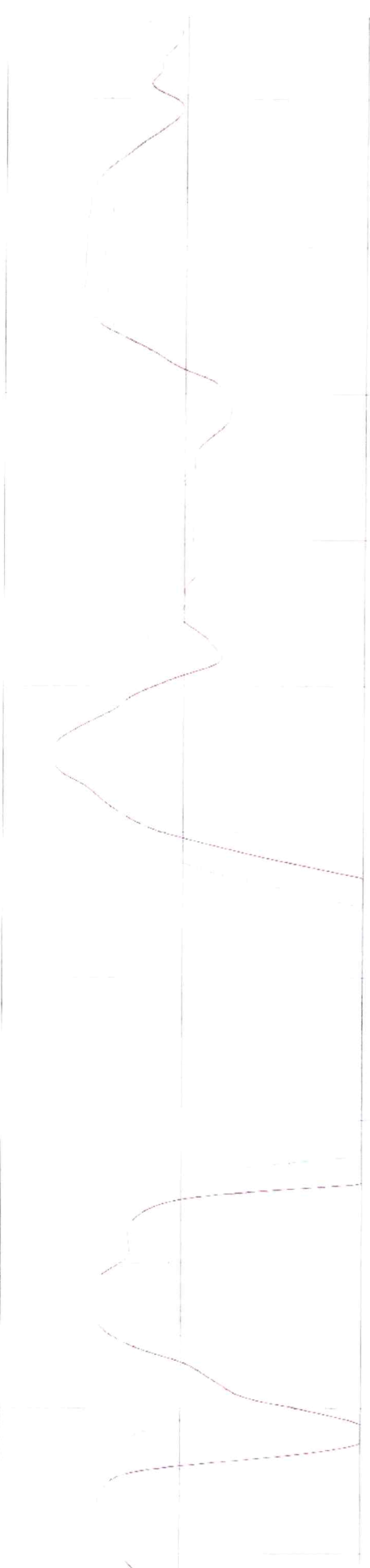
370

380

390

400

410





420

430

440

450

460

470

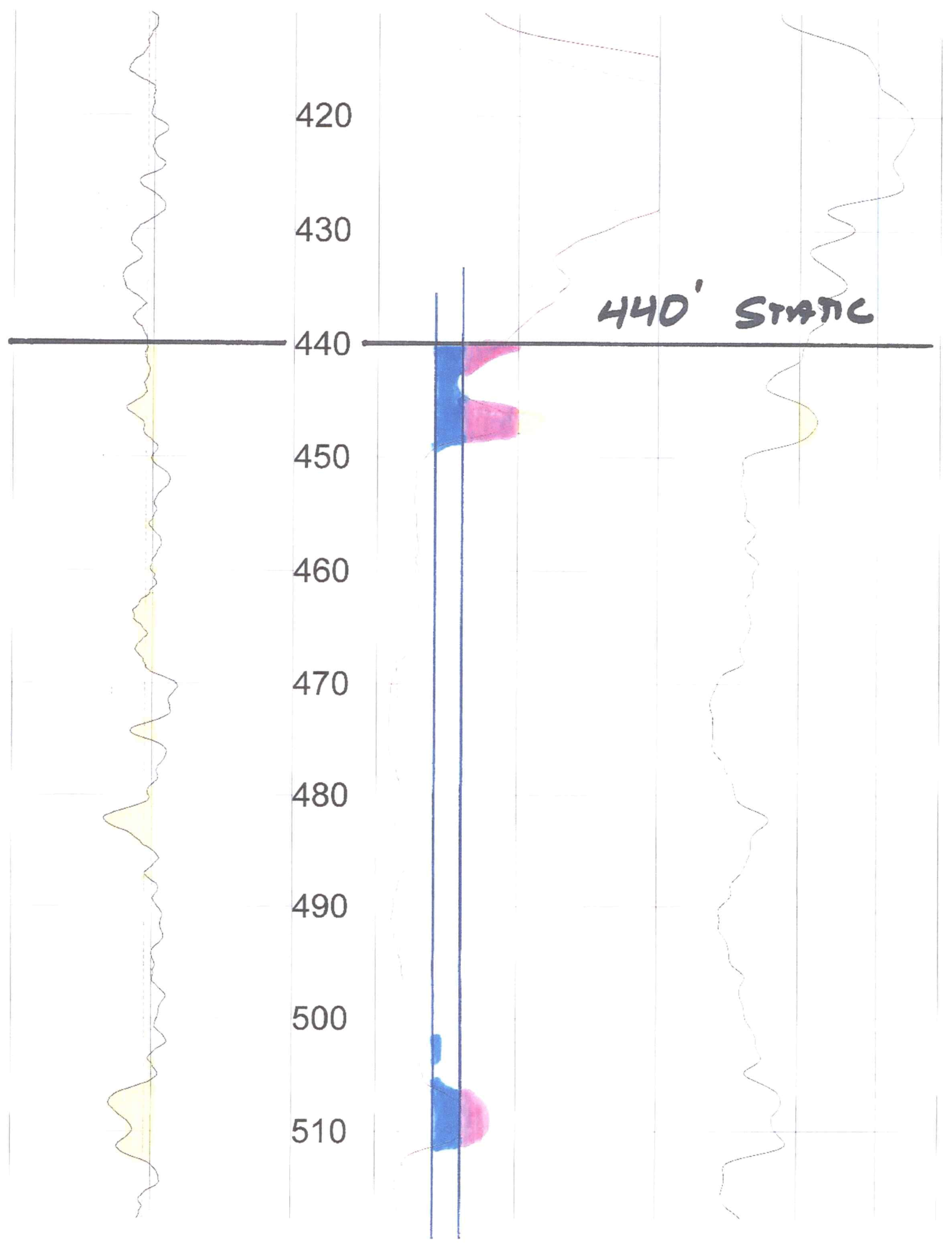
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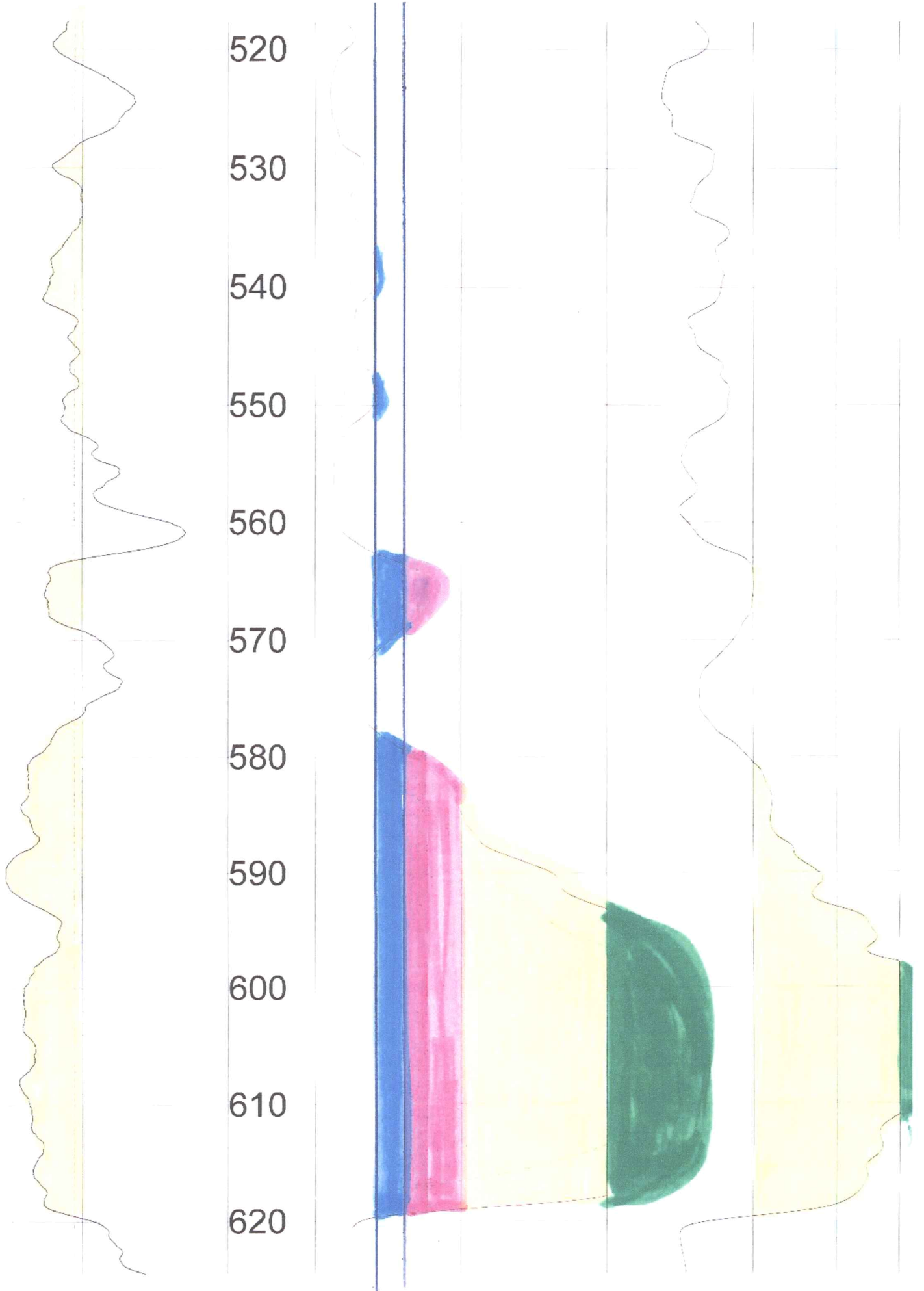
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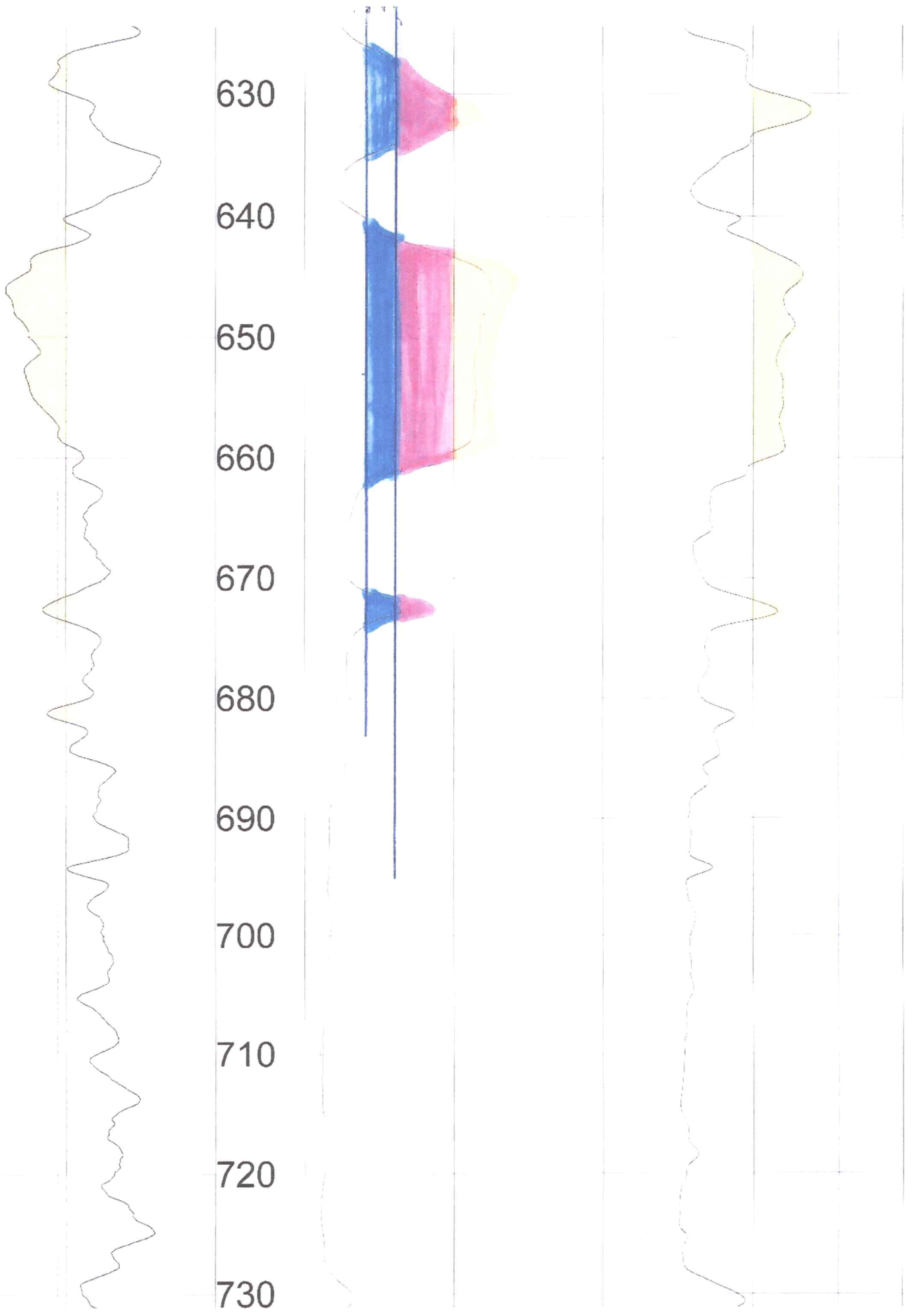
500

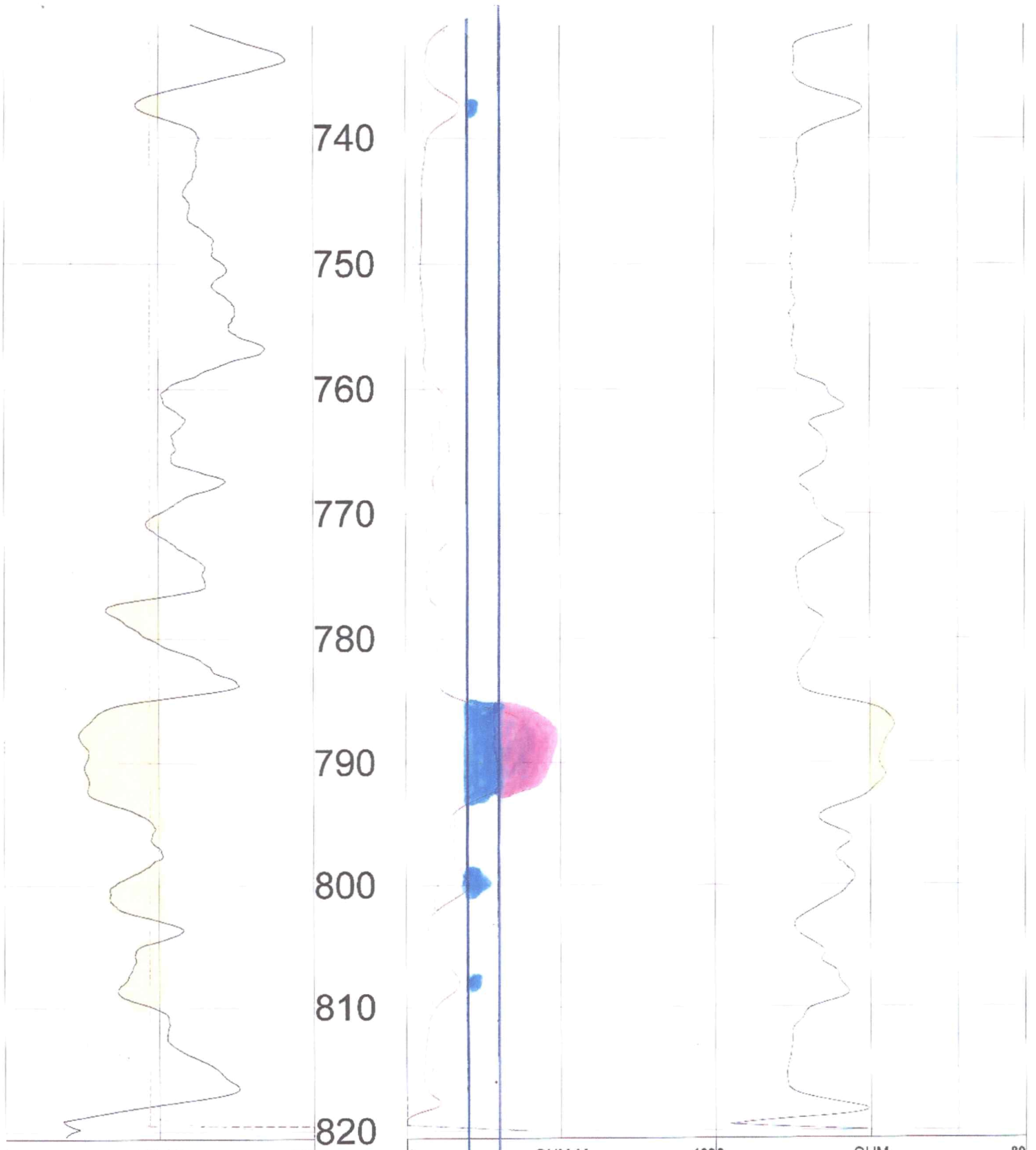
510

440' STATIC









0	API-GR	200
	GAMMA	
-75	MV	75
	SP	
5	OHM-M	15
	RES(FL)	

FEET

0	OHM-M	1000	OHM	80
	RES(16N)		RES	
0	OHM-M	10065	DEG_F	75
	RES(64N)		TEMP	
0	OHM-M	100		
	LATERAL			

TOOL CALIBRATION SATANTA FARMS LLC 07/02/21 18:27  
 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]

**RECORDING INFORMATION**

RECORDED IN MY OFFICE THE 27th  
DAY OF Aug, 2021  
*[Signature]*  
HASKELL COUNTY CLERK



STATE OF KANSAS, HASKELL COUNTY  
This instrument was filed for record on  
August 27, 2021 4:41 PM and  
Recorded in Book 251 Page 643-648  
Fees: \$106.00 202100644  
*Candy Huffine*  
Candy Huffine, Register of Deeds



**QUITCLAIM DEED**

Cattle Empire, LLC, for no consideration and for the purpose of clearing title encumbrances, quitclaims to Satanta Farms, LLC, real property located in Haskell County, State of Kansas, described as follows, to-wit:

Appropriation Water Right File No's: 16,882; and 23,410, to the extent that the preceding water rights are or may be appurtenant to the following lands:

Section Eight, Township Twenty-eight South, Range Thirty-three West (8-T28S-R33W) of the 6<sup>th</sup> P.M.

IN WITNESS WHEREOF, Grantor has caused this deed to be duly executed on August 16, 2021.

CATTLE EMPIRE, LLC  
by:

*NO SVQ-KSA  
79-1437e (12)*

*[Signature]*  
\_\_\_\_\_  
Roy N Brown, Manager

STATE OF KANSAS, HASKELL COUNTY, ss:

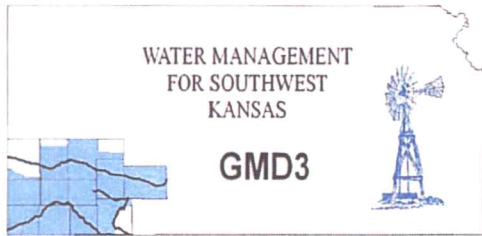
This Quitclaim Deed was acknowledged before me on this 10<sup>th</sup> day of August 2021, by Roy N. Brown as Manager of Cattle Empire, LLC.

*Matilde Morales 8/16/21*  
\_\_\_\_\_  
NOTARY PUBLIC

My Appointment Expires: 12/01/2022

**MATILDE MORALES**  
Notary Public - State of Kansas  
My Appt. Expires 12/01/2022

RECEIVED  
AUG 30 2021  
Garden City Field Office  
Division of Water Resources



**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

September 9, 2021

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. 16882

Dear Mike:

We 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 distance moved and minimum spacing to neighboring wells.

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 in cases where saturated thickness is greater than 200 ft), 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 none noted as critical. Our office did not receive comments from neighboring well owner. Therefore, GMD3 sees this move as reasonable and therefore recommend that the application be approved. 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): 16882. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Satanta Farms 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) 03 being changed.

	ft. North	ft. West	
Authorized PD	5120	2040	Sect 9-28-33
Proposed PD	1475	1629	Sect 4-28-33
Difference	1635 n	411 e	
$a^2 + b^2 = c^2$	2673225	168921	1685.867 foot move NE

GPS for proposed PD: Lat: 37.638977 Long: -100.931195.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified:   .

Name Woodford-OBrate %Mike OBrate (6458, 12606).

Address 1325 Hineman.

Zip Garden City, KS 67846.

Email:   . Phone:   .

Name Friona Industries LP, Kansas Feedlots (14091, 16955).

Address 1174 Empire CTR.

Zip Santanta, KS 67870.

Email:   . Phone:   .

Name Wayne B Griffin (17486).

Address 901 N 1<sup>st</sup> St.

Zip Garden City, KS 67846.

Email:   . Phone:   .

Name Kenneth Cox (22528).

Address 111 Road 90.

Zip Sublette, KS 67877.

Email:   . Phone:   .

Domestic well(s) notified:   .

Name Ryan & Andrea Ardery (SE SW of 33).

Address 944 RD 70.



## GMD3 Change Review

---

Zip Satanta, KS 67870.

Base Acres: \_\_.

Perfected Acres: \_\_.

Irr. Return-Flow \_\_\_%

**HS County**

**Authorized 412AF @ 1275gpm**

**Average reported use (2011-2020): 68.8AF/year. No water use reporting in 2013-2014, note says traded ground.**

**Well not running during 2017 inspection.**

**2012 WUR reported 150gpm.**

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

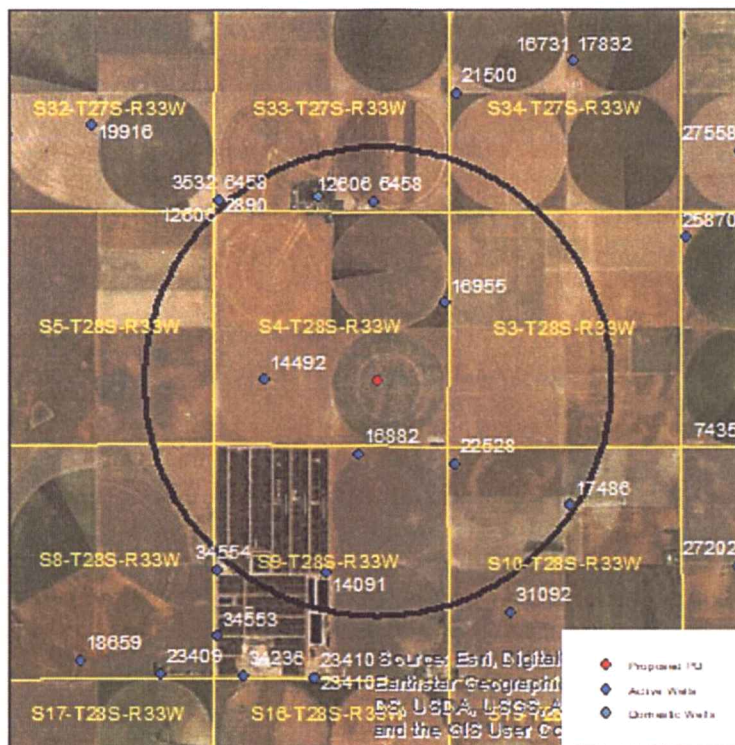
Analysis shows possible effects to be within guidelines, no critical wells found.

Recommendation: After review of all available information, current area rules appear met. Staff recommends approval of the application.



## Evaluation of proposed move for Water Right No. 16882

Proposed: Move water right no. 16882 a distance of 1,687 ft to the northeast.



Wells within 1 mile: 1409, 6458 & 12606, 14492, 16955, 22528, 17486, and a domestic well in section 33-27-33.

The saturated thickness at the proposed well location is estimated to be 257 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:

$$S = 0.1804, T = 13,452 \text{ ft}^2/\text{day},$$

$$t_{p_{\text{current}}} = 104 \text{ days (based on average use and reported rate)}, Q_{\text{current}} = 150 \text{ gpm (last reported rate)},$$

$$t_{p_{\text{proposed}}} = 73 \text{ days}, Q_{\text{proposed}} = 1275 \text{ gpm}$$

Theis drawdowns were calculated as follows:

1409: Drawdown from current location = 0.39 ft  
 Drawdown from proposed location = 1.71 ft  
 Net drawdown = **1.3 ft**

6458 & 12606: Drawdown from current location = 0.24 ft  
 Drawdown from proposed location = 1.83 ft  
 Net drawdown = **1.6 ft**

14492: Drawdown from current location = 0.39 ft  
Drawdown from proposed location = 2.60 ft  
Net drawdown = **2.2 ft**

16955: Drawdown from current location = 0.31 ft  
Drawdown from proposed location = 2.75 ft  
Net drawdown = **2.4 ft**

22528: Drawdown from current location = 0.45 ft  
Drawdown from proposed location = 2.58 ft  
Net drawdown = **2.1 ft**

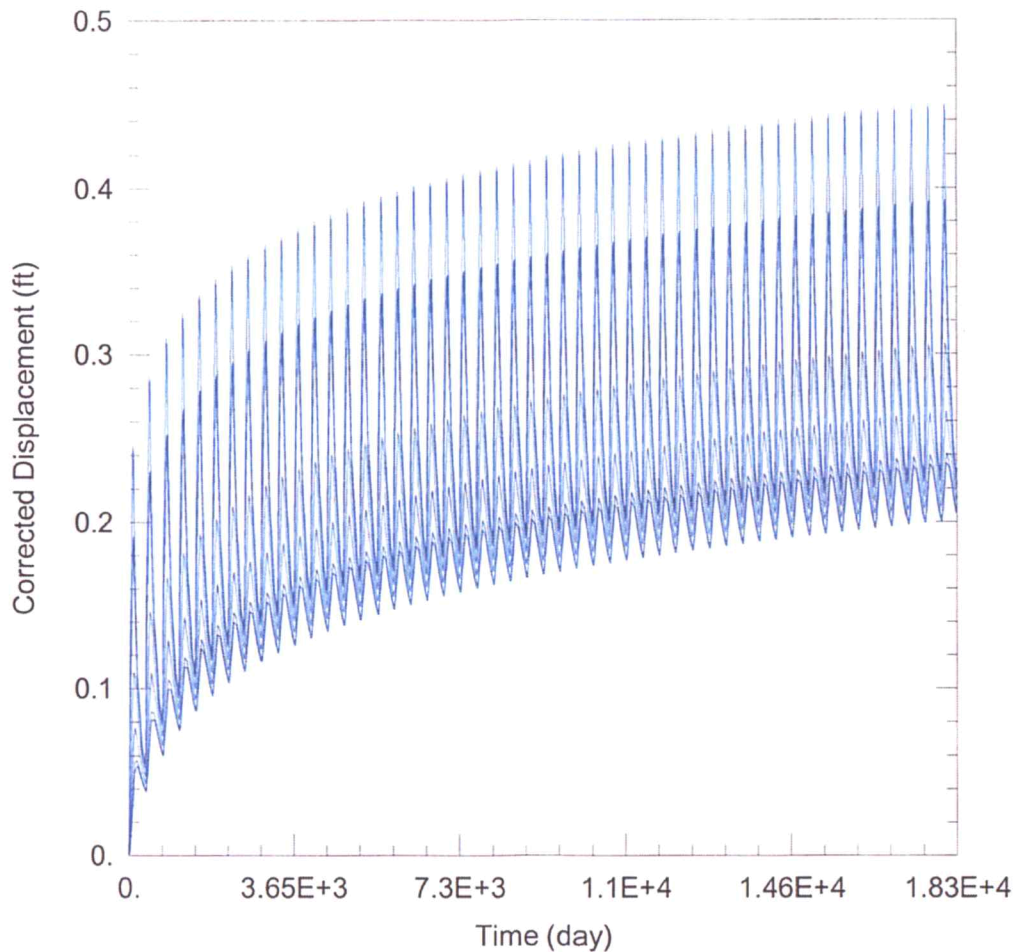
17486: Drawdown from current location = 0.27 ft  
Drawdown from proposed location = 1.54 ft  
Net drawdown = **1.3 ft**

Domestic 33-27-33: Drawdown from current location = 0.23 ft  
Drawdown from proposed location = 1.73 ft  
Net drawdown = **1.5 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 is unlikely to cause impairment. GMD3 staff recommends approval of this proposal.



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\16882\16882 Current.aqt  
 Date: 09/01/21 Time: 14:35:41

### PROJECT INFORMATION

Company: GMD 3  
 Project: 16882  
 Location: Haskell County

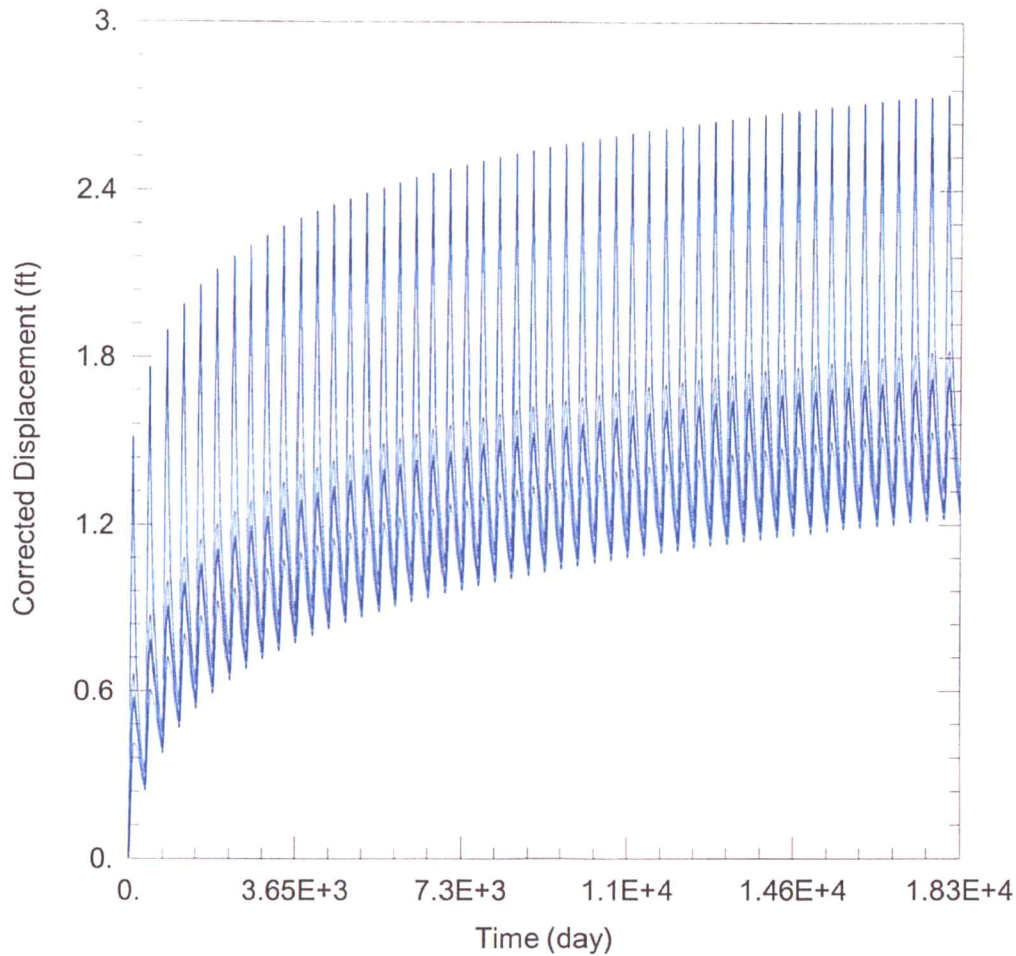
### WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
16882	-38560	276562	□	-38560	276562
			□ 14091	-39316	273905
			□ 6458 & 12606	-38233	282227
			□ 14492	-40700	278222
			□ 16955	-36615	279964
			□ 22528	-36388	276322
			□ 17486	-33812	275405
			□ Domestic 33-27-33	-39486	282370

### SOLUTION

Aquifer Model: Unconfined  
 $T = 1.345E+4 \text{ ft}^2/\text{day}$   
 $Kz/Kr = 1.$

Solution Method: Theis  
 $S = 0.1804$   
 $b = 257. \text{ ft}$



### WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021\_Moves\16882\16882 Proposed.aqt

Date: 09/01/21

Time: 14:35:35

### PROJECT INFORMATION

Company: GMD 3

Project: 16882

Location: Haskell County

### WELL DATA

#### Pumping Wells

Well Name	X (ft)	Y (ft)
16882	-38151	278199

#### Observation Wells

Well Name	X (ft)	Y (ft)
□	-38151	278199
□ 14091	-39316	273905
□ 6458 & 12606	-38233	282227
□ 14492	-40700	278222
□ 16955	-36615	279964
□ 22528	-36388	276322
□ 17486	-33812	275405
□ Domestic 33-27-33	-39486	282370

### SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 1.345E+4 ft<sup>2</sup>/day

S = 0.1804

Kz/Kr = 1.

b = 257. ft

> AMARILLO TX 79101

>-----  
> SATANTA FARMS LLC

16882

> 500 SOUTH TAYLOR SUITE 601

> AMARILLO TX 79101

*Application*

>-----  
> FRIONA INDUSTRIES LP

> KANSAS FEEDLOTS

16955

> 1174 EMPIRE CIR

> SANTANTA KS 67870

>-----  
> WAYNE B GRIFFIN

17486

> 901 N 1ST ST

> GARDEN CITY KS 67846

>-----  
> KENNETH COX

22728

> 1111 ROAD 90

> SUBLETTE KS 67877

>-----  
=====

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

1475 Feet N and 1629 Feet W of the Southeast Corner of Section 4 Twp 28S Rng 33W  
 Located at: 100.931194 West Longitude and 37.638978 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	6458 00	IRR	NK	G	4013	SE	SW	SE	170	1800	33	27	33W	4		1085.00	.00
A__ AF	12606 00	IRR	NK	G	4013	SE	SW	SE	170	1800	33	27	33W	4		1897.00	812.00
A__ AF	14091 00	STK	NK	G	4450	NE	NE	SW	2457	2797	9	28	33W	11		939.08	939.08
A__ AF	14492 00	IRR	NK	G	2637	SE	NW	SW	1488	4261	4	28	33W	6		640.00	640.00
A__ AF	16882 00	IRR	NK	G*	1688	NW	NW	NE	5120	2040	9	28	33W	3		412.00	412.00
A__ AF	16955 00	STK	NK	G	2339	SE	SE	NE	3218	90	4	28	33W	5		387.20	387.20
A__ AF	17486 00	IRR	NK	G	5160	SW	NW	NE	3990	2603	10	28	33W	1		940.00	195.00
A__ AF	22528 00	IRR	NK	G	2575	NW	NW	NW	4900	5170	10	28	33W	2		570.00	570.00

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) =	3955.28	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	3955.28	.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:

1475 Feet North and 1629 Feet West of the Southeast Corner of Section 4 Twp 28S Rng 33W  
 Located at: 100.931194 West Longitude and 37.638978 North Latitude  
 Both SURFACE WATER and GROUNDWATER  
 WATER USE CORRESPONDENTS:

- > WOODFORD-O'BRATE INC
- > MIKE O'BRATE *6458*
- > 1325 HINEMAN
- > GARDEN CITY KS 67846
- 
- > WOODFORD-O'BRATE INC
- > MIKE O'BRATE *12606*
- > 1325 HINEMAN
- > GARDEN CITY KS 67846
- 
- > FRIONA INDUSTRIES LP
- > KANSAS FEEDLOTS *14091*
- > 1174 EMPIRE CIR
- > SANTANTA KS 67870
- 
- > SATANTA FARMS LLC *14492*
- >
- > 500 SOUTH TAYLOR SUITE 601

*Applicant*

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](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

August 31, 2021

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

Re: Water Right, File No. 16882

Dear Mr. Norquest:

This is to advise you that Satanta Farms LLC has filed an application 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



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](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

August 31, 2021

KENNETH COX  
1111 ROAD 90  
SUBLETTE, KS 67877-8033

RE: Application for Change  
Water Right, File No. 16882

Dear Sir:

This is to advise you that Satanta Farms LLC has filed applications for approval of the Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, for change in point of diversion under the above referenced application.

You can find the complete application posted by water right file number as referenced above at [www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices](http://www.agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices).

You are notified of this proposed point of diversion (well) so that you may furnish this office with any comments or other information you may want to submit. Such comments or other information must be received in this office within 15 days from the date of this letter.

Should you have any questions, please feel free to call this office. If you would prefer, an appointment could be arranged for additional assistance. Please refer to the file number when you contact us if you wish to discuss a specific file.

Sincerely,

A handwritten signature in black ink that reads "Michael A. Meyer". The signature is fluid and cursive.

Michael A. Meyer  
Water Commissioner

MAM  
pc:

Groundwater Management District No. 3

SCANNED