

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

1. File Number: 8209	2. Status Change Date: 8/30/2021	3. Change Num: C4	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: 8/30/2021
8a. Landowner, New to system <input type="checkbox"/>		Person ID 40486 Add Seq# _____		8c. Landowner(s) New to system <input type="checkbox"/>
SYRACUSE DAIRY LLC Attn: SYRACUSE DAIRY & TIMELINE DAIRY 751 SE CR 36 SYRACUSE, KS 67878-7822				
8b. Landowner(s), correspondent New to system <input type="checkbox"/>		Person ID _____ Add Seq# _____		8d. WUC, applicant New to system <input type="checkbox"/>
		SYRACUSE DAIRY LLC Attn: WESTSIDE DAIRY 751 SE CR 36 SYRACUSE, KS 67878-7822		
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2021 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2022				
<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: _____				
See attached deed			Date Prepared: 8/30/2021 By: MAM Date Entered: _____ By: _____	

File No. **8209** 11. County: ST Basin: BEAR CREEK Stream: Formation Code: **211/331** 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 Additional Rate gpm Quantity af Overlap PD Files

DEL 84264

ENT SESENW 14 28S 42W 2659 2853 1060 800 1060 800 term permit 20199030

13. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

14. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

15. 5YR Allocation: Allocation Type _____ Start Year _____ 5 YR Amount _____ Amount Unit _____ Base Acres _____ Comment _____

16. Place of Use CHK MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg?	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
CHK 26608																									
CHK 30704																									
CHK 40128																									

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 30, 2021

SYRACUSE DAIRY LLC
Attn: WESTSIDE DAIRY
751 SE CR 36
SYRACUSE, KS 67878-7822

RE: Water Right, File No. 8209

Dear 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, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM
enclosures
pc:

GMD3

CERTIFICATE OF SERVICE

On this 30th day of August 2021, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File No. 8,209 dated 30th day of August 2021 was mailed postage prepaid, first class, US mail to the following:

SYRACUSE DAIRY LLC
Attn: WESTSIDE DAIRY
751 SE CR 36
SYRACUSE, KS 67878-7822

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.

RECEIVED

JUL 28 2021
5:00 PM

Garden City Field Office
Division of Water Resources

File No. 8209

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: SYRACUSE DAIRY, LLC - WESTSIDE DAIRY
751 SE CR 36, SYRACUSE, KS 67878 - 7822
 Phone Number: () Email address: _____
 Name and address of Water Use Correspondent: SAME AS ABOVE

Phone Number: () Email address: _____

3. The presently authorized place of use is: NO CHANGE PROPOSED
 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 7-28-2021 Check # 82901

5. **Presently authorized point of diversion:**
 One in the SW Quarter of the NE Quarter of the NW Quarter of Section 14, Township 28 South, Range 42 W, in Stanton County, Kansas, 4115 feet North 3418 feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____ Depth of well 645 (feet)
(DWR use only: Computer ID No. 03 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 SE Quarter of the NW Quarter of Section 14, Township 28 South, Range 42 W, in Stanton County, Kansas, 2659 feet North 2853 feet West of Southeast corner of section. Proposed Rate NO CHANGE Proposed Quantity NO CHANGE Proposed well depth (feet) 700
 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?
UPON APPROVAL

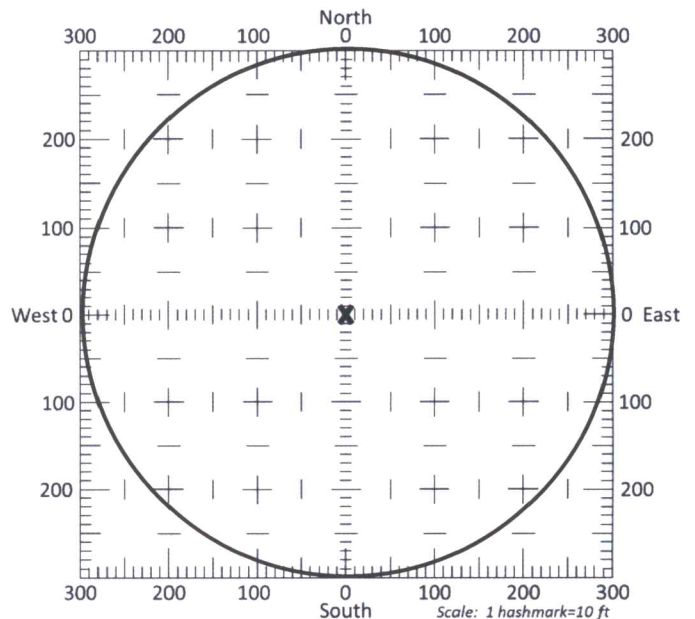
10. If the point of diversion is a well:
 (a) What are you going to do with the old well?

 (b) When will this be done? _____

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by HH / HCFO

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 Syracuse, Kansas, this 26th day of July, 2021.

[Signature]

 (Owner)

 (Spouse)

Doug Geubelle, Member

 (Please Print)

 (Please Print)

Syracuse Dairy, LLC

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

 (Owner)

 (Spouse)

 (Please Print)

 (Please Print)

State of Kansas
 County of Hamilton } SS

I hereby certify that the foregoing application was signed in my presence and sworn to before me this 26th day of July, 2021.

Eliana Tarin
 Notary Public
 State of Kansas
 My Commission Expires 3-26-22 My Appt. Exp. 3-26-22

[Signature]

 Notary Public

My Commission Expires 3-26-22

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. 8209.

1. A change application was received on July 28, 2021 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 _____ 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, 2021, 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, 2021, or within any authorized extension of time.** By March 1, 2022 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. **The completed well log shall be submitted with the required notice.** Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

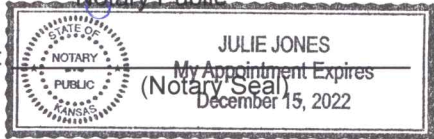
Administrative Appeal and Effective Date of Order

If you are aggrieved by this order, pursuant to K.S.A. 82a-1901, you may request an evidentiary hearing before the Chief Engineer or request administrative review by the Secretary of Agriculture. A request for hearing by the Chief Engineer must be filed within **15 days** of service of this Order and a request for administrative review by the Secretary must be filed within **30 days** pursuant to K.S.A. 77-531. Any request for administrative review must state a basis for review pursuant to K.S.A. 77-527. File any request with **Kansas Department of Agriculture, Legal Division, 1320 Research Park Drive, Manhattan, KS 66502.** Failure to timely request a hearing or review may preclude review under the Kansas Judicial Review Act.

For Use by Register of Deeds

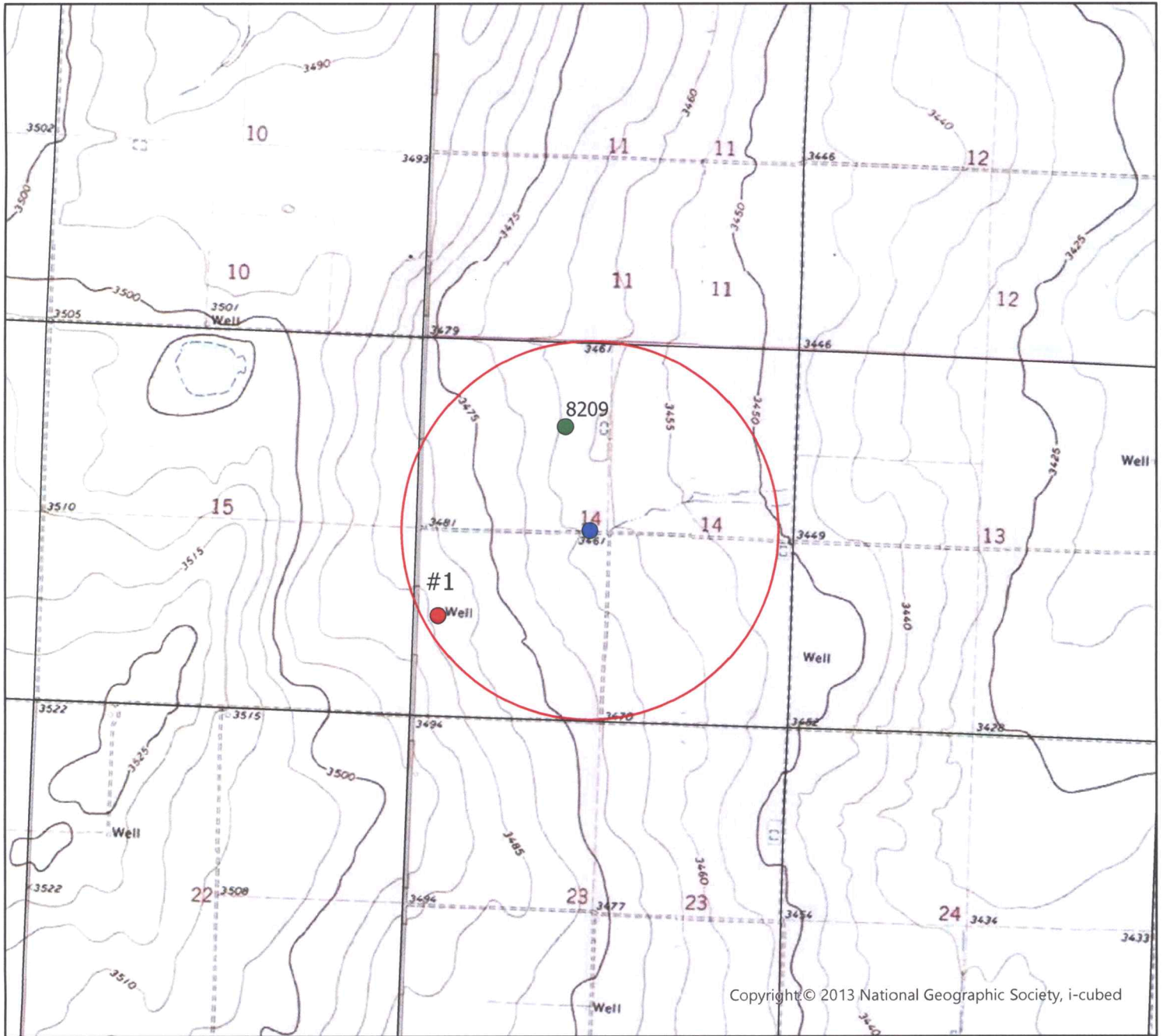
FOR OFFICE USE ONLY
**APPLICATION APPROVED AND
SUMMARY ORDER ISSUED**

By: Michael A. Meyer
Duly Authorized Designee of the Chief Engineer
(Print Name): MICHAEL A. MEYER
Division of Water Resources - Kansas Department of Agriculture
Date of Issuance: August 30, 2021
State of Kansas)
) SS
County of Tinney)
Acknowledged before me on August 30, 2021
by Michael A. Meyer
Signature: Julie Jones
Notary Public
My commission expires: _____
JULIE JONES
My Appointment Expires
(Notary Seal)
December 15, 2022



CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NOS. 8209

Section 14 Township 28 South Range 42 West Stanton County



Copyright © 2013 National Geographic Society, i-cubed

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

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

#1 File No. 8418
WARTMAN HERITAGE FARMS LLC



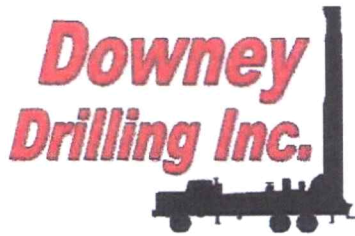
All wells of any kind within 1/2 mile of the proposed point of diversion have been plotted.

Frank C. Mercurio
Agent, Syracuse Dairy, LLC 07/26/2021
(Signature) Date

Date: 7/21/21 HH/GCFO
Scale: 1:24,000

WELL LOG

DATE: 5/21/2021



CUSTOMER NAME: SYRACUSE DAIRY (WEST SIDE DAIRY) TH#2

LEGAL: NW 14-28S-42W

COUNTY: STANTON CO, KS

GPS: 37.6148

-101.880313

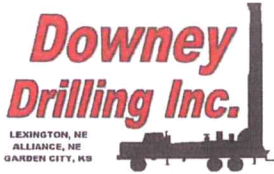
LOGGER:

DRILLER: DIEGO VALLE

WO: 20-875

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOPSOIL	SOFT	BROWN	FAST		SMOOTH
	2	15	BROWN SILTY CLAY	SOFT	BROWN	FAST		SMOOTH
	15	25	SANDY CLAY W/ STICKY CLAY	STICKY		FAST		SMOOTH SMOOTH & VIBRATION
	25	35	TAN CLAY W/ FINE SAND	SOFT	TAN	FAST		SMOOTH & VIBRATION
	35	53	FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	53	69	RED SANDY CLAY	SOFT	RED	FAST		SMOOTH
	69	96	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	96	98	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		CHATTER
	98	103	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	103	111	RED SANDY CLAY	SOFT	RED	FAST		SMOOTH
	111	129	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH SMOOTH & VIBRATION
	129	166	SANDY CLAY W/ LAYERS OF FINE SAND & STICKY CLAY	SOFT & A LITTLE STICKY		FAST		SMOOTH & VIBRATION
	166	181	STICKY CLAY W/ SANDY CLAY	SOFT & A LITTLE STICKY	BROWN	FAST		SMOOTH
	181	194	SANDY CLAY	SOFT	TAN	FAST		VIBRATION
	194	196	LIMEROCK	STIFF		SLOW		CHATTER
	196	205	SANDY CLAY W/ STICKY CLAY	SOFT & STICKY	BROWN	FAST		SMOOTH
	205	222	SANDY CLAY W/ FINE-MED SAND	STIFF		FAST		FAST CHATTER
	222	232	FINE-MED-COARSE SAND	FIRM		FAST		CHOPPY
	232	238	STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	238	278	STICKY CLAY W/ FINE-MED SAND	SOFT		FAST		SMOOTH & CHOPPY
	278	284	STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	284	308	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	308	311	WEATHERED CLAY W/ BROWN ROCK & SANDSTONE	STIFF	YELLOW & BROWN	FAST		SMOOTH & CHOPPY
	311	356	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		CHATTER
	356	360	FINE-MED-LARGE GRAVEL W/ BROWN ROCK, SANDSTONE & LIMEROCK	STIFF		FAST		CHATTER
	360	376	WEATHERED CLAY W/ SOAPSTONE	SOFT	GREEN & YELLOW	SLOW		SMOOTH
	376	385	SAND, SANDSTONE	SEMI-SOFT	TAN	NOT AS SLOW		LT. CHATTER
	385	393	BLUE SOAPSTONE	SOFT	BLUE	SEMI-SLOW		SMOOTH
	393	405	WHITE SOAPSTONE	SOFT	WHITE	FAST		SMOOTH
	405	426	PINK SOAPSTONE	SOFT	PINK	FAST		SMOOTH
	426	437	SANDSTONE W/ SOAPSTONE	STIFF		FAST		FAST CHATTER
	437	458	SANDSTONE W/ FINE SAND	STIFF		FAST		FAST CHATTER
	458	465	RED CLAY	HARD	RED	SLOW	X	CHOPPY
	465	472	SANDSTONE	STIFF		FAST	X	CHATTER
	472	474	RED CLAY	SOFT	RED	SLOW		CHOPPY
	474	497	SOAPSTONE W/ SANDSTONE	STIFF		FAST		LT. CHATTER

STATIC



Well Design & Construction

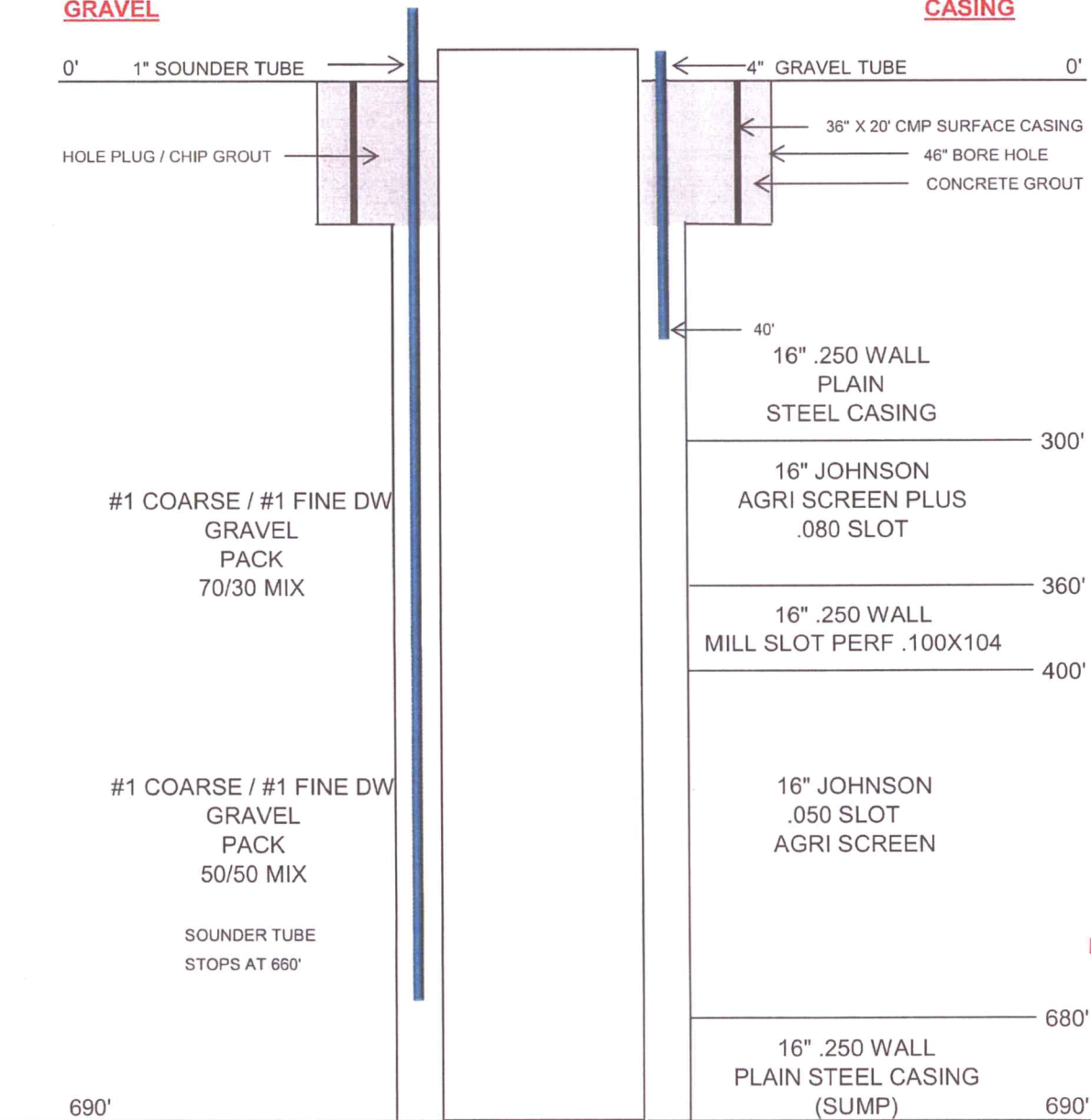
"PROPOSED"

Customer Name: SYRACUSE DAIRY / WESTSIDE DAIRY
 Legal: SE/NW 14-28S-42W County: STANTON
 G.P.S.: 37.6148 Date: _____
-101.8803 WO #: 21-1100

DRILLER: _____ WATER SUPPLY: IRRIGATION WELL
 HELPER(S): _____ DRILLING RIG: M-100
 BOREHOLE DIAMETER: 30" DRILLING METHOD: REVERSE CIRCULATION
 CASING DIAMETER: 16" QUIKGEL: TBD HOLE PLUG: 20'+
 TOTAL WELL DEPTH: 690' GRAVEL: 160+ TON #1 C / #1 FINE DW 70/30 & 50/50MIX
 DRILLING FLUID: TBD GRAVEL SUPPLIER: HUBER
 ADDITIONAL INFO: _____

**GROUT
AND
GRAVEL**

**SCREEN AND
CASING**



RECEIVED

AUG 03 2021

Garden City Field Office
Division of Water Resources



Century GEOPHYSICAL CORP.

SYRACUSE DAIRY WEST SIDE DAIRY

COMPANY	: DOWNEY DRILLING INC	OTHER SERVICES:	
WELL	: SYRACUSE DAIRY WEST SIDE DAIR TH #2		
LOCATION/FIELD	:		
COUNTY	: STANTON		
LOCATION	: NW		
SECTION	: 14	TOWNSHIP	: 28S
		RANGE	: 42W
DATE	: 05/21/21	PERMANENT DATUM	: GL
DEPTH DRILLER	: 700		KB :
LOG BOTTOM	: 700.40	LOG MEASURED FROM:	GL
LOG TOP	: 1.00	DRL MEASURED FROM:	GL
			GL :
CASING DIAMETER	: 10.	LOGGING UNIT	: 1903
CASING TYPE	:	FIELD OFFICE	: DDI
CASING THICKNESS:		RECORDED BY	: DIEGO
BIT SIZE	: 6.25	BOREHOLE FLUID	: MUD
MAGNETIC DECL.	: 0	RM	:
MATRIX DENSITY	: 2.71	RM TEMPERATURE	:
NEUTRON MATRIX	: LIMESTON	MATRIX DELTA T	: 49
		FILE	: ORIGINAL
		TYPE	: 8144A
		LGDATE:	05/21/21
		LGTIME	: 16:16:
		THRESH:	99999

N 37.61480

W -101.88031

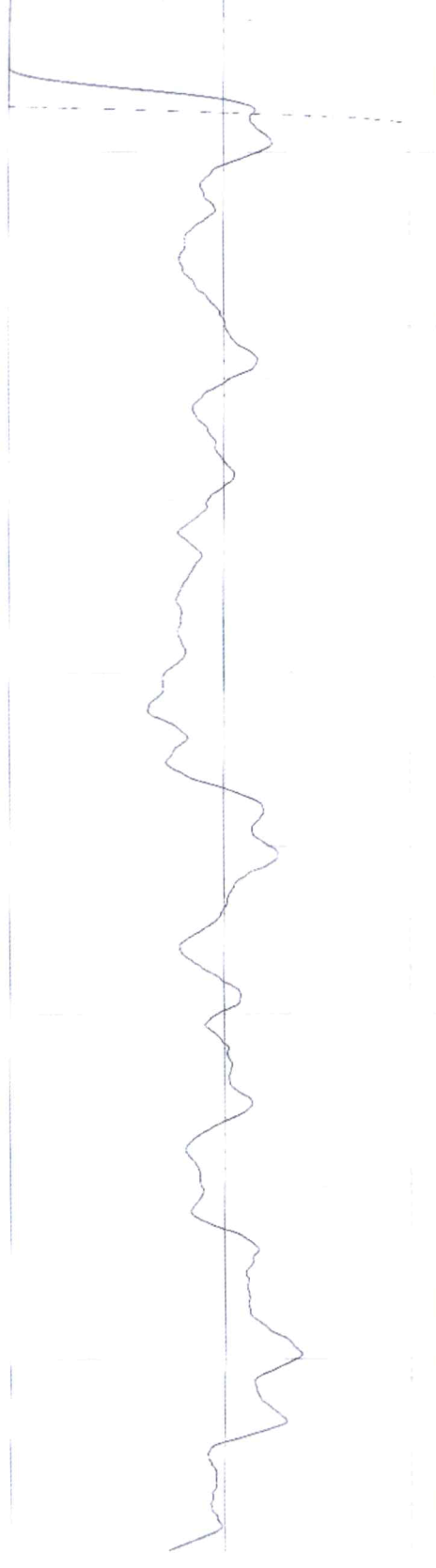
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

	RES(FI)	
5	OHM-M	15
	SP	
-50	MV	100
	GAMMA	
0	API-GR	200

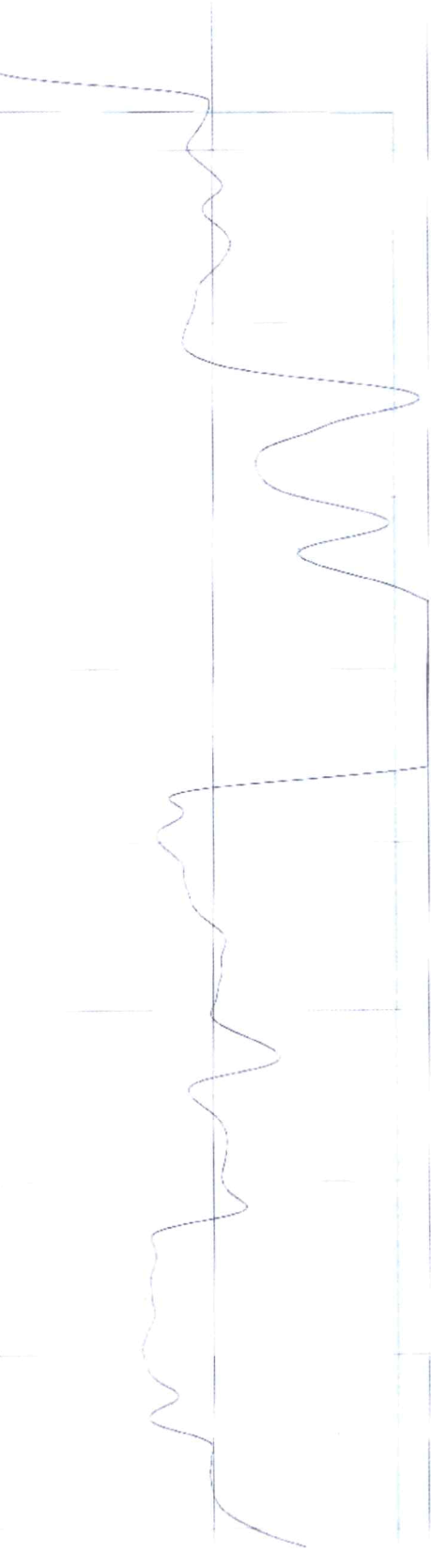
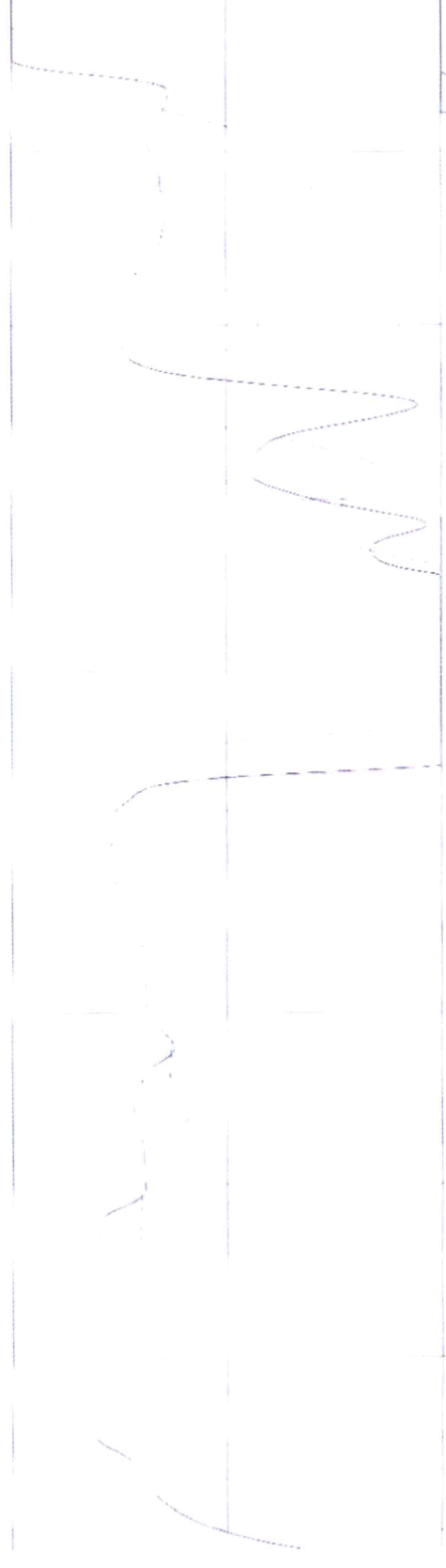
FEET

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

	TEMP	
	DEG_F	70
	RES	
	OHM	100



0
10
20
30
40
50
60
70
80
90





100

110

120

130

140

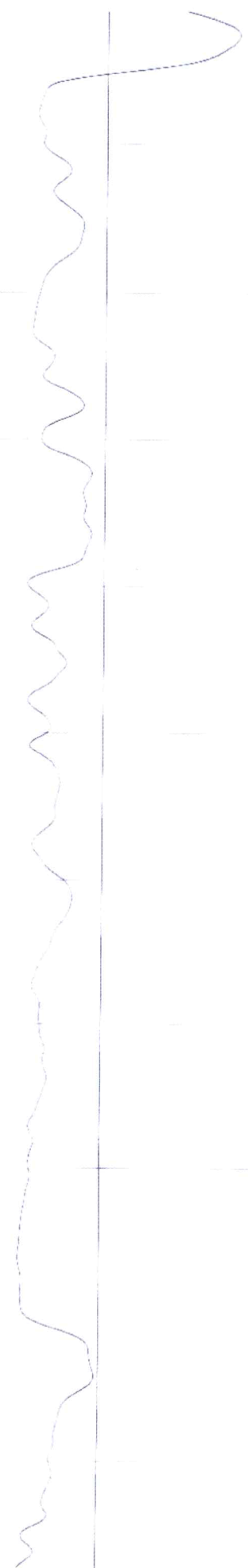
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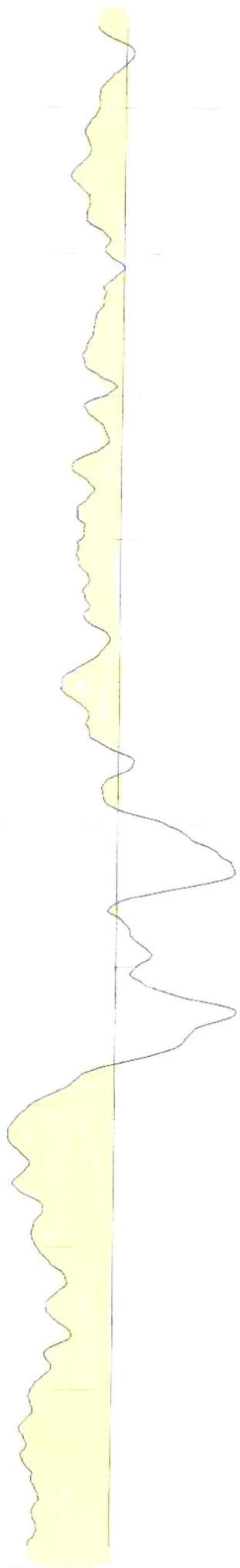
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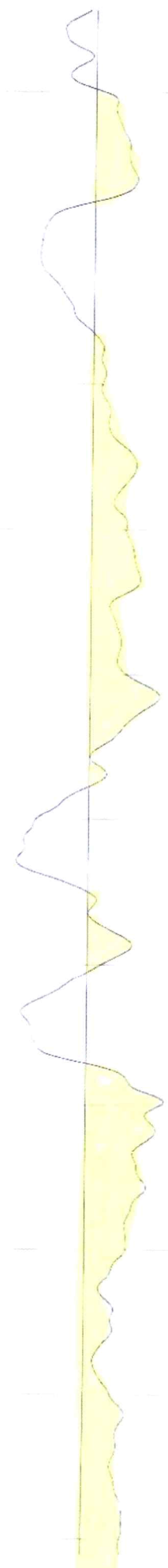
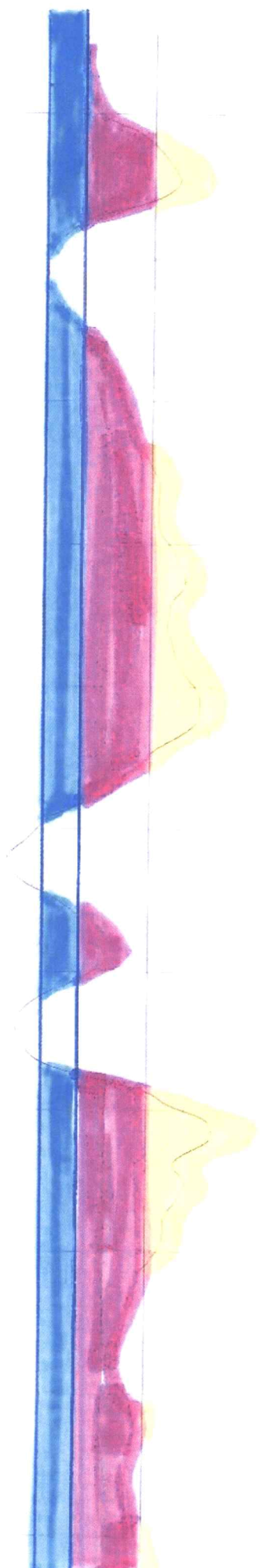
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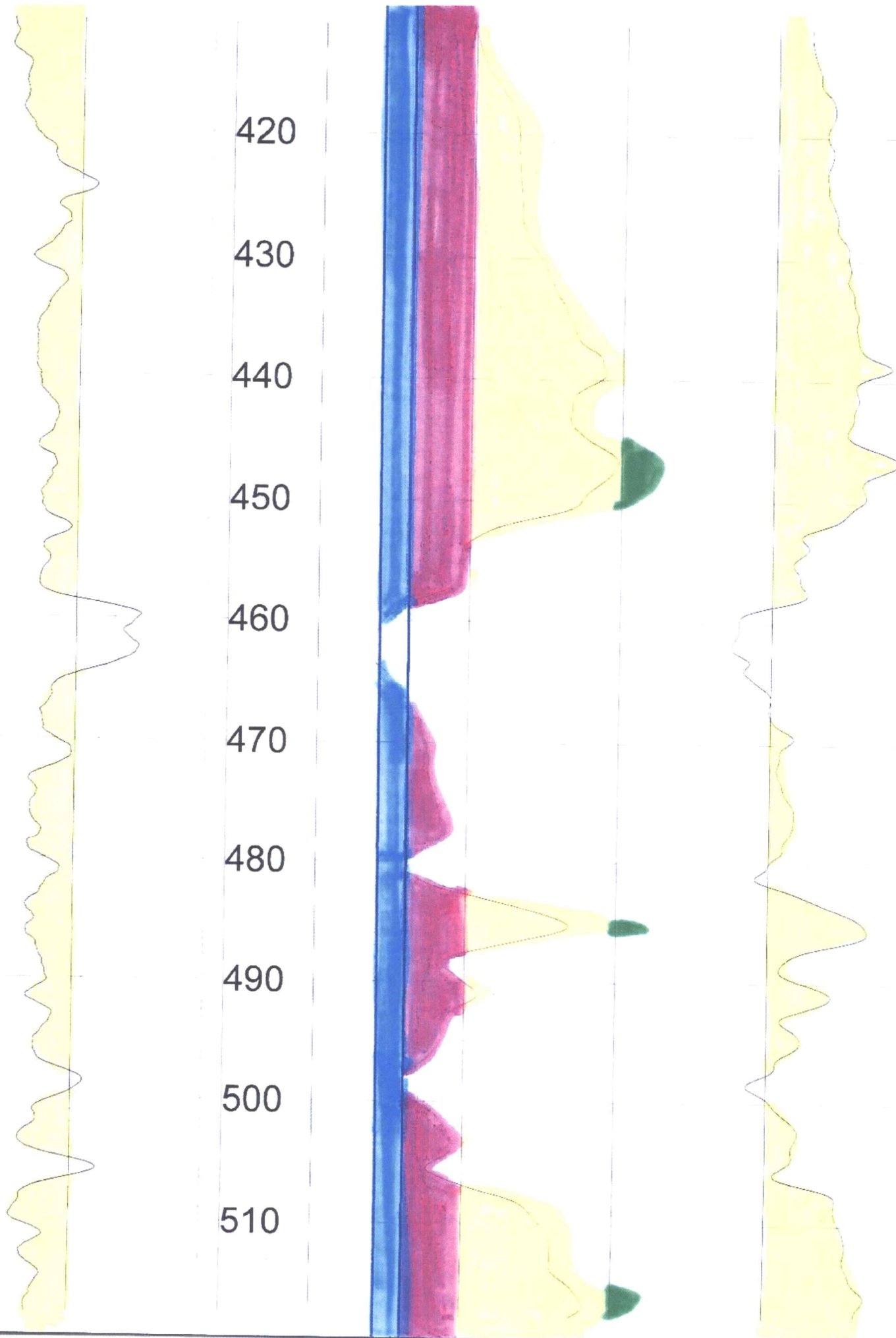


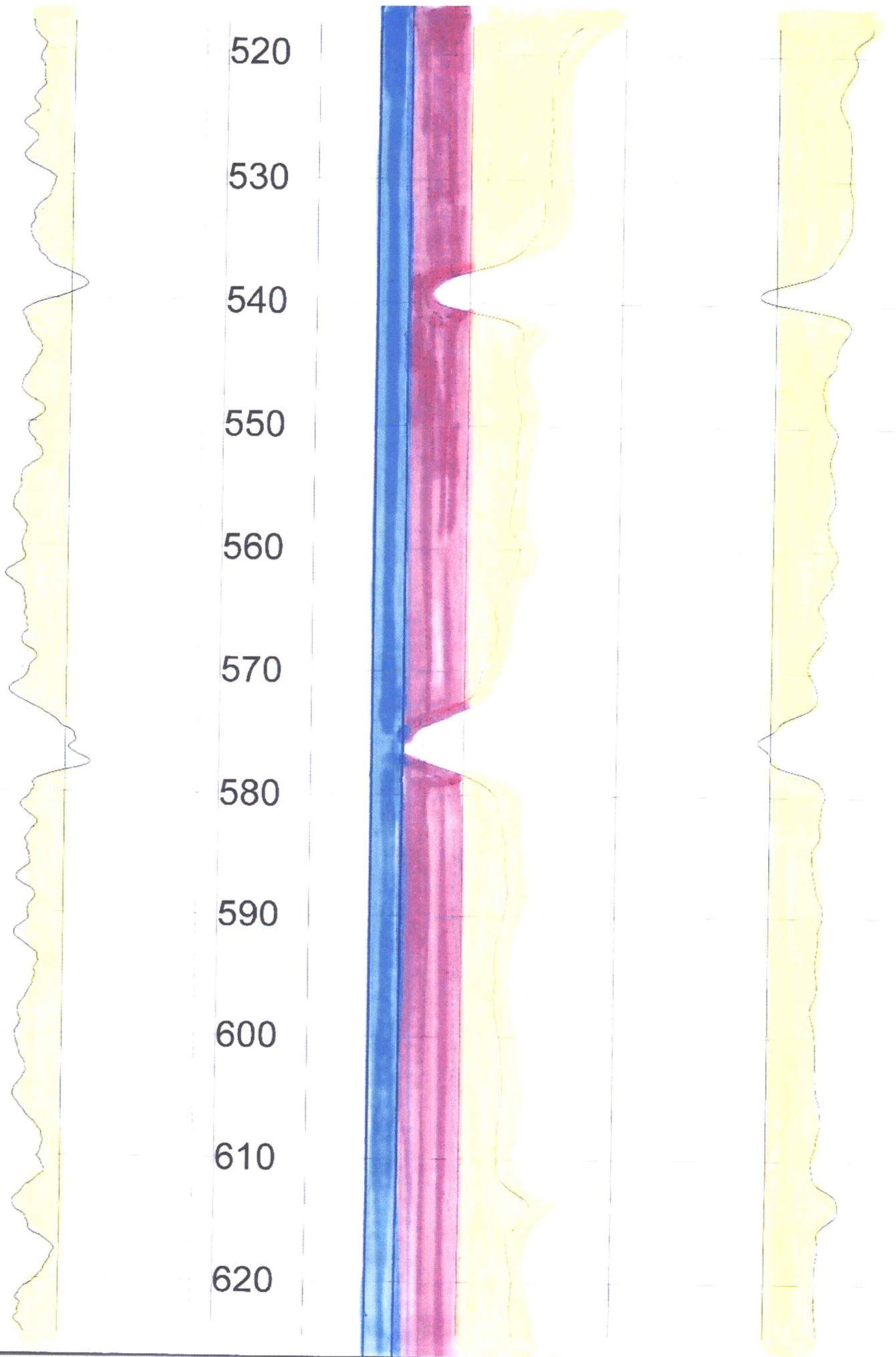




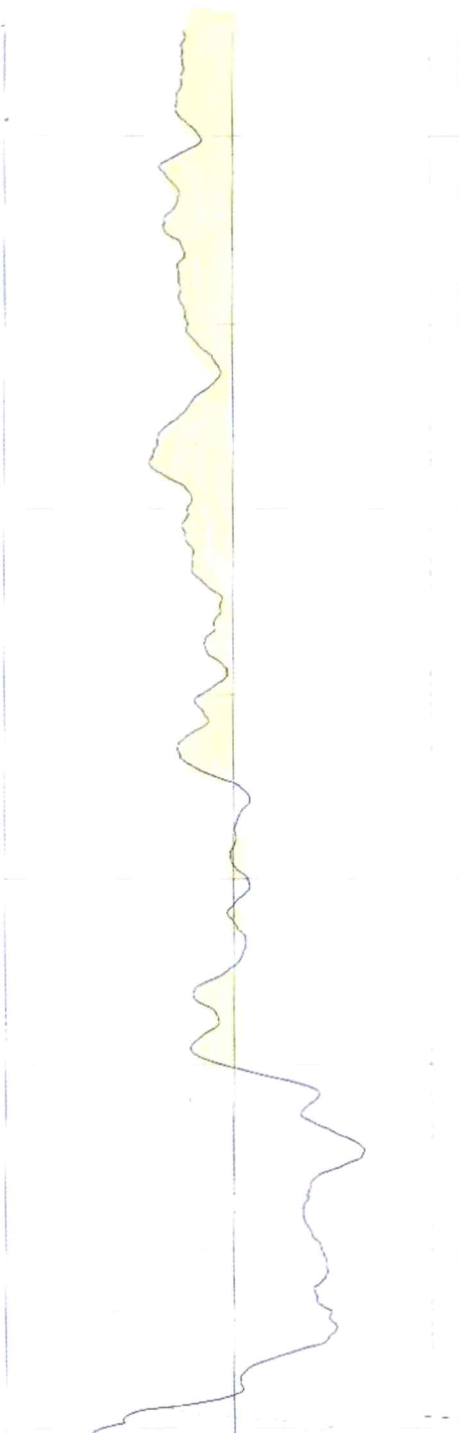
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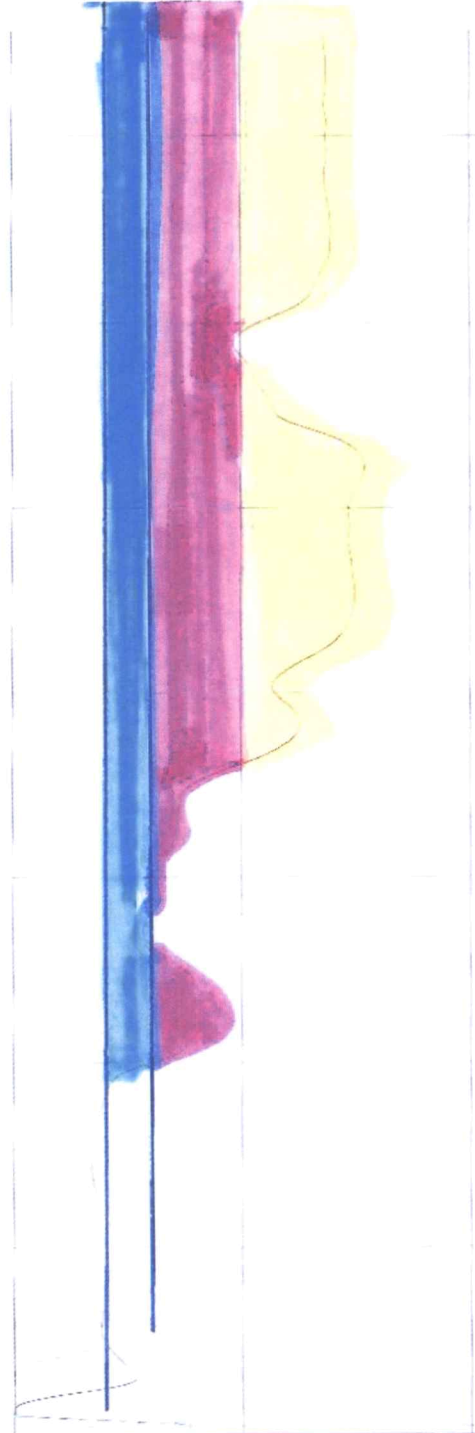


630
640
650
660
670
680
690
700



0	API-GR	200
	GAMMA	
-50	MV	100
	SP	
5	OHM-M	15
	RES(FL)	

FEET



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



	OHM	100
	RES	
0	DEG_F	70
	TEMP	

TOOL CALIBRATION SYRACUSE DAIRY WEST SIDE DAIRY 05/21/21 16:16

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]

SD - WESTSIDE DAIRY

NW 14-28S-42W STANTON CO.

Legend

APPROXIMATE LIMIT OF
2,300-FOOT SPACING FROM
FILE NO. 8,418

CURRENT WELL
LOCATION

WR FILE #8209 ELEV=3466'

TEST HOLE &
PROPOSED WELL
LOCATION,
FILE NO. 8,209

TH #1 ELEV=3482'

NOT DRILLED
TH #2 LOCATION ELEV=3482'

ORG. WELL ELEV=3484'

TH #2 ELEV=3467'

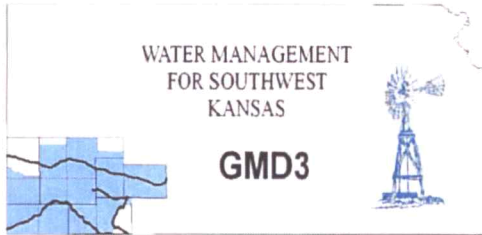
Google Earth

© 2021 Google

N
Marker Grade



1000 ft



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

August 27, 2021

Mike 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. 8209

Dear Mike:

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 (dependent on the sections saturated thickness), 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 one of the neighboring domestic wells, owned by the applicant, exceeded the net effect above the maximum allowable threshold and needed further evaluation. The evaluations from our data showed that the effects were not critical. We understand that DWR did have a conversation with a neighboring well owner, which we did notify with our results, but did not receive any response. Therefore, GMD3 sees this move as meeting current 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

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AUG 27 2021

Garden City Field Office
Division of Water Resources

GMD3 Change Review

File No(s): 8209.

DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Syracuse Dairy LLC-Westside Dairy.

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	4115	3418	Sect 14-28-42
Proposed PD	2659	2853	
Difference	1456 s	565 e	
$a^2 + b^2 = c^2$	2119936	319225	1561.781 foot move SE

GPS for proposed PD: Lat: 37.6148 Long: -101.880313.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Wartman heritage Farms LLC %Gregory Wartman (all wells not applicants).

Address 220 N College St.

Zip Ulysses, KS 67880.

Email: brycewilkerson@hotmail.com. Phone: 620-353-8953.

Domestic well(s) notified: .

Name Syracuse Dairy (SE sect 10).

Address .

Zip .

Base Acres: .

Perfected Acres: .

Irr. Return-Flow %

WR is currently in WCA program. Currently in their second WCA. Current WCA covers 8209, 9096 & 11695D1. Total water use held to 4400AF/5 year. 8209 specifically limited to 693AF/year during the WCA.

Base WR authorized: 800AF @ 1060gpm

2017 GMD3 field inspection showed 127gpm calculated

5 year reported use pre-WCA (2011-2015): 378.5AF/year. Sharp dropoff in 2015

5 year reported use WCA (2016-2020): 144.6AF/year

Is a waiver needed: Move is less than half mile. Minimum spacing appears met.

Analysis shows only one critical domestic well, but our info shows it to be owned by the

GMD3 Change Review

applicant. DWR did have a conversation with a neighboring well. We sent the results and notice out and did not get a response.

Recommendation: After review of all available information, it appears current area rules are met. Analysis shows that any possible effects to neighboring wells would not be critical. Staff therefore recommends approval.



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Division of Water Resources

9004 & 18156: Drawdown from current location = 1.71 ft
Drawdown from proposed location = 10.75 ft
Net drawdown = **9.0 ft**

8604: Drawdown from current location = 1.77 ft
Drawdown from proposed location = 11.47 ft
Net drawdown = **9.7 ft**

16505: Drawdown from current location = 1.77 ft
Drawdown from proposed location = 11.03 ft
Net drawdown = **9.3 ft**

Domestic 10-28-42: Drawdown from current location = 1.84 ft
Drawdown from proposed location = 10.40 ft
Net drawdown = **8.6 ft**

Net drawdown exceeds the drawdown allowance of 4.0 ft for all wells within 1 mile of the proposed location. Critical well analysis is necessary on those wells.

Critical Well Evaluation:

8418:

Water Column = 365 ft

DP = 10.4 ft (Net drawdown from the proposal indicated above)

DE = 15.3 ft (Expected aquifer decline over the next 25 years based on average rate of decline in nearby observation wells)

DD = 8.5 ft ($S = 0.00034$, $T = 91,660$ gpd/ft, $Q = 205$ gpm, $t_p = 169$ days, efficiency = 70%)

DT = 34.2 ft

Economic Drawdown Constraint (EDC) = $0.4 * 365$ ft = 146 ft

Physical Drawdown Constraint (PDC) = 365 ft - 60 ft = 305 ft

Total drawdown of 34.2 ft is less than the EDC and PDC, so this well is **not critical**.

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Division of Water Resources

9004 & 18156:

Water Column = 365 ft

DP = 9.0 ft (Net drawdown from the proposal indicated above)

DE = 15.3 ft (Expected aquifer decline over the next 25 years based on average rate of decline in nearby observation wells)

DD = 0 ft (Well has not been operated in more than 10 years)

DT = 24.3 ft

Economic Drawdown Constraint (EDC) = $0.4 * 365 \text{ ft} = 146 \text{ ft}$

Physical Drawdown Constraint (PDC) = $365 \text{ ft} - 60 \text{ ft} = 305 \text{ ft}$

Total drawdown of 24.3 ft is less than the EDC and PDC, so this well is **not critical**.

8604:

Water Column = 330 ft

DP = 9.7 ft (Net drawdown from the proposal indicated above)

DE = 15.3 ft (Expected aquifer decline over the next 25 years based on average rate of decline in nearby observation wells)

DD = 37.3 ft ($S = 0.00034$, $T = 91,660 \text{ gpd/ft}$, $Q = 909 \text{ gpm}$, $t_p = 118 \text{ days}$, efficiency = 70%)

DT = 62.3 ft

Economic Drawdown Constraint (EDC) = $0.4 * 330 \text{ ft} = 132.0 \text{ ft}$

Physical Drawdown Constraint (PDC) = $330 \text{ ft} - 60 \text{ ft} = 270 \text{ ft}$

Total drawdown of 62.3 ft is less than the EDC and PDC, so this well is **not critical**.

16505:

Water Column = 330 ft

DP = 9.3 ft (Net drawdown from the proposal indicated above)

DE = 15.3 ft (Water level decline from 2021 through 2046 based upon GMD3 model)

DD = 21.0 ft ($S = 0.00034$, $T = 91,660 \text{ gpd/ft}$, $Q = 510 \text{ gpm}$, $t_p = 134 \text{ days}$, efficiency = 70%)

DT = 45.6 ft

Economic Drawdown Constraint (EDC) = $0.4 * 330 \text{ ft} = 146 \text{ ft}$

Physical Drawdown Constraint (PDC) = $330 \text{ ft} - 60 \text{ ft} = 270 \text{ ft}$

Total drawdown of 45.6 ft is less than the EDC and PDC, so this well is **not critical**.

Domestic 10-28-42:

Water Column = 38 ft

DP = 8.6 ft (Net drawdown from the proposal indicated above)

DE = 15.3 ft (Water level decline from 2021 through 2046 based upon GMD3 model)

DT = 23.9 ft

Economic Drawdown Constraint (EDC) = $0.4 * 38 \text{ ft} = 15.2 \text{ ft}$

Physical Drawdown Constraint (PDC) = $38 \text{ ft} - 20 \text{ ft} = 18 \text{ ft}$

Total drawdown of 23.9 ft is greater than the EDC and PDC, so this well is **critical**.

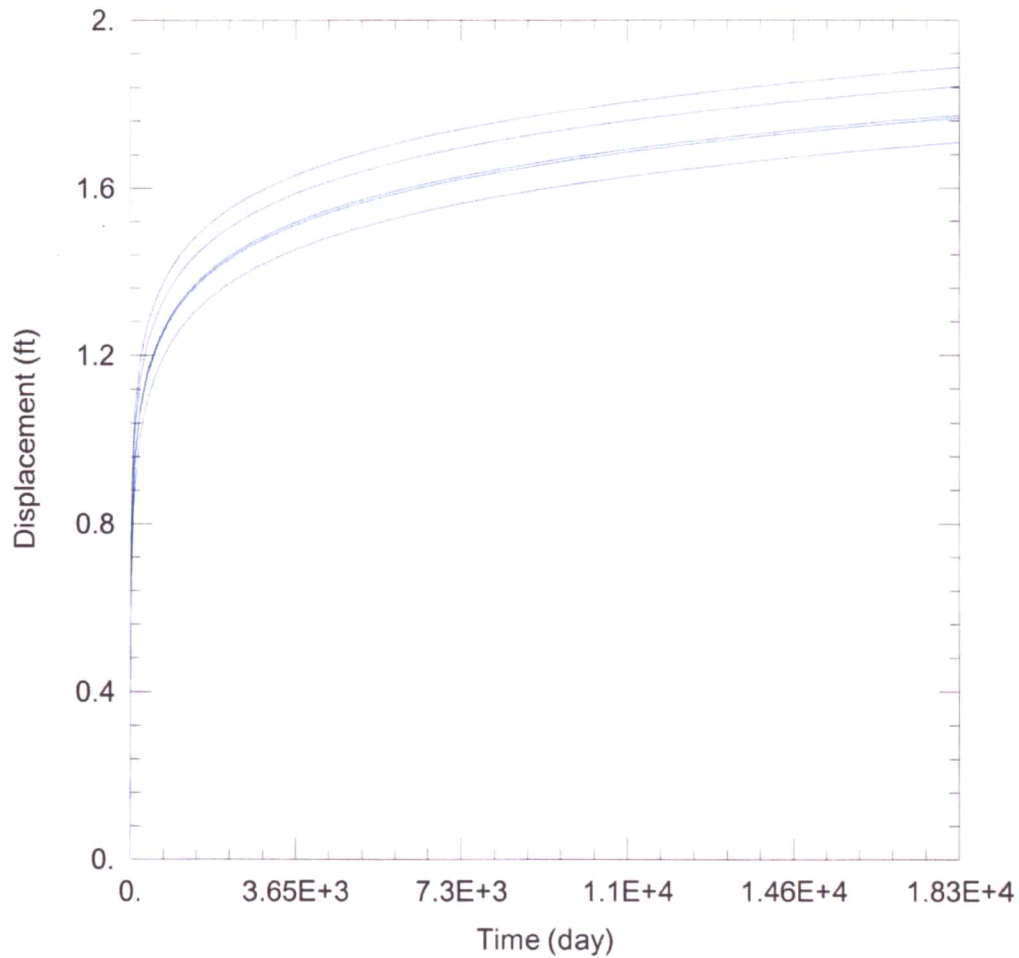
Conclusion:

The proposed move is located in an area where the Ogallala portion of the High Plains Aquifer has mostly been depleted. The driller's log shows good formation in the top 60 ft, and nothing but rock, consolidated sand and sandstone, and clay in the remaining 305 ft. Most well logs in the area are not available, but those that are also drilled below the extent of the Ogallala Aquifer, so saturated thickness estimates ranged from 330 ft to 365 ft in the absence of a driller's log. Had the analysis been limited to the extent of the Ogallala Aquifer, most of the wells would have been identified as critical. The domestic well was flagged as critical and is likely to become inoperable in the next 25 years if it is not already. This well is owned by the applicant. Neighbors who are concerned about the move, or would like more information on well interaction effects, should contact either GMD3 staff at (620) 275-7147 or DWR staff at (620) 276-2901.

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Garden City Field Office
Division of Water Resources



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\8209\8209 Current.aqt

Date: 08/23/21

Time: 16:08:15

PROJECT INFORMATION

Company: GMD 3

Project: 8209

Location: Stanton County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
8209	-313463	272618

Observation Wells

Well Name	X (ft)	Y (ft)
□	-313463	272618
□ 8418	-315180	269928
□ 9004 & 18156	-315320	267340
□ 8604	-310138	269502
□ 16505	-309077	271063
□ Domestic 10-28-42	-315782	275463

SOLUTION

Aquifer Model: Confined

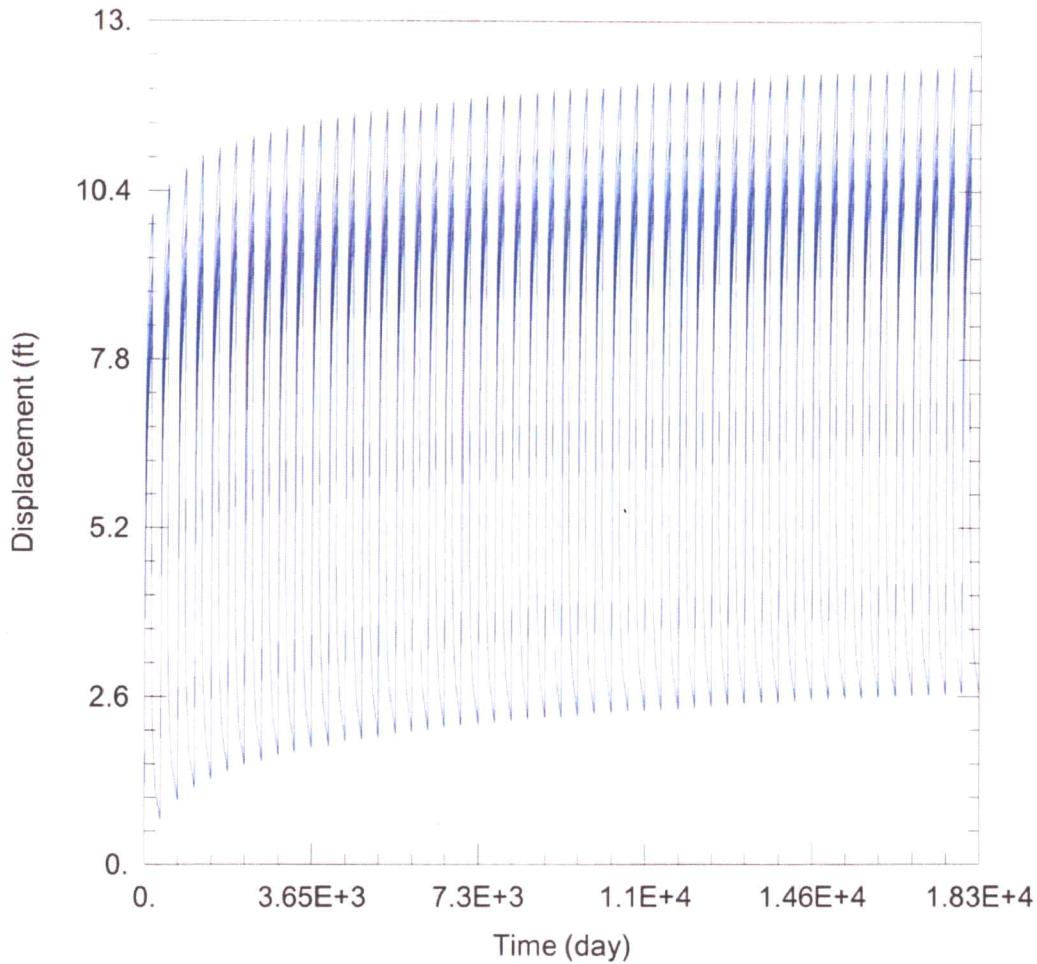
Solution Method: Theis

T = 1.225E+4 ft²/day

S = 0.00034

Kz/Kr = 1.

b = 365. ft



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2021_Moves\8209\8209 Proposed.aqt
 Date: 08/23/21 Time: 16:08:08

PROJECT INFORMATION

Company: GMD 3
 Project: 8209
 Location: Stanton County

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
8209	-313077	271171

Observation Wells

Well Name	X (ft)	Y (ft)
□	-313077	271171
□ 8418	-315180	269928
□ 9004 & 18156	-315320	267340
□ 8604	-310138	269502
□ 16505	-309077	271063
□ Domestic 10-28-42	-315782	275463

RECEIVED

SOLUTION

Aquifer Model: Confined

T = 1.225E+4 ft²/day
 Kz/Kr = 1.

Solution Method: Theis

S = 0.00034
 b = 365. ft

AUG 27 2021

Garden City Field Office
 Division of Water Resources

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

2659 Feet N and 2853 Feet W of the Southeast Corner of Section 14 Twp 28S Rng 42W
 Located at: 101.880311 West Longitude and 37.614801 North Latitude
 Both SURFACE WATER and GROUNDWATER

2300' on a 1'

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan
A__ AF	8209 00	IRR	NK	G*	1566	--	SW	NE	NW	4115	3418	14	28	42W	3	800.00	800.00
A__ AF	8418 00	IRR	NK	G	2667	--	SW	NW	SW	1440	5200	14	28	42W	2	506.00	506.00
A__ AF	8604 00	IRR	NK	G	3183	--	--	--	--	1270	5200	13	28	42W	1	1000.00	1000.00
A__ AF	9004 00	IRR	NK	G	4439	--	SW	NW	NW	4150	5100	23	28	42W	2	506.00	.00
A__ AF	16505 00	IRR	NK	G	4001	--	NE	NW	SW	2580	4040	13	28	42W	2	600.00	600.00
A__ AF	18156 00	IRR	NK	G	4439	--	SW	NW	NW	4150	5100	23	28	42W	2	50.00	50.00
T__ AF	20199030 00	STK	GY	G	1566	--	SW	NE	NW	4115	3418	14	28	42W	3	693.00	.00

WCA Term

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) =	2956.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	2956.00	.00

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:

2659 Feet North and 2853 Feet West of the Southeast Corner of Section 14 Twp 28S Rng 42W
 Located at: 101.880311 West Longitude and 37.614801 North Latitude
 Both SURFACE WATER and GROUNDWATER
 WATER USE CORRESPONDENTS:

- > SYRACUSE DAIRY LLC
- > WESTSIDE DAIRY
- > 751 SE CR 36
- > SYRACUSE KS 67878
-
- > WARTMAN HERITAGE FARMS LLC
- > GREGORY WARTMAN PRESIDENT
- > 220 N COLLEGE ST
- > ULYSSES KS 67880
-
- > WARTMAN HERITAGE FARMS LLC
- > GREGORY WARTMAN PRESIDENT
- > 220 N COLLEGE ST
- > ULYSSES KS 67880
-
- > WARTMAN HERITAGE FARMS LLC
- > GREGORY WARTMAN PRESIDENT
- > 220 N COLLEGE ST
- > ULYSSES KS 67880

8204 Application

8418

8604

9004

> WARTMAN HERITAGE FARMS LLC
> GREGORY WARTMAN PRESIDENT
> 220 N COLLEGE ST
> ULYSSES KS 67880

16505

> WARTMAN HERITAGE FARMS LLC
> GREGORY WARTMAN PRESIDENT
> 220 N COLLEGE ST
> ULYSSES KS 67880

1456

> SYRACUSE DAIRY LLC
> WESTSIDE LOCATION
> 751 SE CR 36
> SYRACUSE KS 67878

Term Applicant

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AUG 27 2021

Garden City Field Office
Division of Water Resources

D. Engelhaupt
8/25/2021

Theis analysis of change in point of diversion, File No. 8,209

A Theis analysis was used to evaluate the potential impact of a change in point of diversion. The application proposes moving the point of diversion authorized by File No. 8,209 approximately 1,380 feet south-southeast. The GMD No. 3 groundwater model was used to estimate the bedrock elevation and 2068 future saturated thickness (350 ft). The projected 2068 water surface elevation was calculated from these values. The transmissivity (6646.4 ft²/day) is estimated from a lithological log provided with the change application. The assumed hydraulic conductivities are based on the calibrated values from the GMD No. 3 groundwater model. Specific storage was assumed to be 10⁻⁶. This assumed value was multiplied by the projected saturated thickness, resulting in a storage coefficient of 0.00035. Drawdown resulting from pumping at the proposed rate and quantity at the new location was evaluated at the point of diversion authorized by File No. 44,494, and compared to the drawdown from pumping the ten-year average use (245.0 acre-feet) at the last tested rate (120 gpm, 2017) at the currently authorized location. With these assumptions, the drawdown at File No. 8,418 increases by 18.7 feet, or 5.3% of the projected future saturated thickness (Table 1).

Table 2: Theis analysis of drawdown at File No. 8,418; T = 6646.4 ft²/day; S = 0.00035

Scenario	Distance (Feet)	Quantity (Acre-Feet)	Rate (GPM)	Drawdown (Feet)	Drawdown (%ST)
Proposed	2430	800	1060	22.1	6.3%
Baseline	3174	245	120	3.4	1.0%
Net Drawdown:				18.7	5.3%

Meyer, Mike [KDA]

From: Chavez, Ciro [KDA]
Sent: Thursday, August 12, 2021 3:42 PM
To: Meyer, Mike [KDA]
Subject: Sent from Snipping Tool
Attachments: SnipImage.JPG

Gregory Wartman

Phone number (620) 353 4990

Has a question(s) about a well moving with ½ mile in the neighborhood, He wants to talk with you, thanks

Meyer, Mike [KDA]

From: Greg Wartman <gregwartman@gmail.com>
Sent: Thursday, August 12, 2021 4:09 PM
To: Meyer, Mike [KDA]
Subject: Wartman Heritage Farms LLC Water Right, File No. 8209

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Mr. Meyer,

Thank you for taking the time to visit with me today. I have a better understanding of the process now.

I am curious to know what your department thinks the change in point of diversion for Syracuse Dairy LLC's well will be on our water rights and usage.

Please send me the results of your research and evaluation once they have been completed.

Thank you

Greg Wartman

620-753-9990

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 12, 2021

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

Re: Water Right, File No. 8209

Dear Mr. Norquest:

This is to advise you that Syracuse Dairy LLC-Westside Dairy, 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

Mike Beam, Secretary

Laura Kelly, Governor

July 29, 2021

WARTMAN HERITAGE FARMS LLC
Attn: GREGORY WARTMAN PRESIDENT
220 N COLLEGE ST
ULYSSES, KS 67880

RE: Water Right, File Nos. 8209

Dear Sir:

This is to advise you that Syracuse Dairy LLC-Westside Dairy has filed application 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. Please note the application that is nearby or within one half mile of some of your well.

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

You are notified on 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, appearing to read "Michael A. Meyer".

Michael A. Meyer
Water Commissioner

MAM

SCANNED