

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

1. File Number: 17809	2. Status Change Date:	3. Change Num: C1	4. Field Office: 4	5. GMD: 3
6. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return				7. Filing Date of Change: 7/21/2022
8a. Applicant(s) New to system <input type="checkbox"/> SYRACUSE DAIRY LLC Attn: ANSEL FARM 751 SE CR 36 SYRACUSE, KS 67878-7822		Person ID 40486 Add Seq# 08		8c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____
8b. Landowner(s) New to system <input type="checkbox"/> 8a		Person ID _____ Add Seq# _____		8d. WUC New to system <input type="checkbox"/> 8a
9. Documents and Enclosure(s): <input checked="" type="checkbox"/> DWR Meter(s) Date to Comply: 12/31/2022 <input checked="" type="checkbox"/> N & P Date to Comply: 3/1/2023				
<input type="checkbox"/> Anti-Reverse Meter <input type="checkbox"/> Meter Seal <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N & P Form <input checked="" type="checkbox"/> Water Tube <input checked="" type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> H & E Letter <input type="checkbox"/> Conservation Plan Date Required: _____ Date Approved: _____ Date to Comply: _____				
10. Use Made of Water From: _____ To: _____				
Date Prepared: 8/29/2022 By: AM Date Entered: _____ By: _____				

File No. **17809** 11. County: **GT** 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 Rate gpm Quantity af Overlap PD Files

DEL 52077

ENT **NE NE SW** **5** **27S 36W** **2530** **2806** **880** **296** **880** **296** **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
	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼				
CHK 18668																				

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 29, 2022

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

RE: Filed Office Application for Change
Water Right, File No. 17809

Dear Sir or Madam:

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

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

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

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

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

Sincerely,

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

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc: GROUNDWATER MANAGEMENT DISTRICT NO. 3

CERTIFICATE OF SERVICE

On this 29th day of August, 2022, I hereby certify that the foregoing Approval of Application for Change in Point of Diversion, Water Right, File Nos. 17,809 dated 29th day of August, 2022 was mailed postage prepaid, first class, US mail to the following:

SYRACUSE DAIRY LLC
Attn: ANSEL FARM
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.

File No. 17809

RECEIVED
 4:45 pm
 JUL 21 2022

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

Place of Use Point of Diversion

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

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: SYRACUSE DAIRY LLC

751 SE CR 36 SYRACUSE KS 67878-7822

Phone Number: (620) 492-2525

Email address: FRANK@SYRACUSEDAIRY.COM

Name and address of Water Use Correspondent: SYRACUSE DAIRY LLC

751 SE CR 36 SYRACUSE KS 67878-7822

Phone Number: (620) 492-2525

Email address: FRANK@SYRACUSEDAIRY.COM

3. The presently authorized place of use is:

Owner of Land ---- NAME: SYRACUSE DAIRY LLC

ADDRESS: 751 SE CR 36 SYRACUSE KS 67878-7822

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

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

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

Owner of Land ---- NAME: NO CHANGE

ADDRESS: _____

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

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

For Office Use Only: Code _____ Fee \$ 200.00 TR # _____ Receipt Date 7-21-22 Check # 87320

5. **Presently authorized point of diversion:**
 One in the CE Quarter of the SE Quarter of the SW Quarter of Section 5, Township 27 South, Range 36 (W), in GRANT County, Kansas, 660 feet North 2750 feet West of Southeast corner of section.
 Authorized Rate _____ Authorized Quantity _____ Depth of well _____ (feet)
(DWR use only: Computer ID No. 02 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 NE Quarter of the NE Quarter of the SW Quarter of Section 5, Township 27 South, Range 36 (W), in GRANT County, Kansas, 2530 feet North 2806 feet West of Southeast corner of section.
 Proposed Rate _____ Proposed Quantity _____ Proposed well depth (feet) 580'
 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 _____ (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 _____ (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) CASING AND SCREEN DAMAGED
DUE TO SAND. NEED REPLACEMENT WELL

8. If a well, is the test hole log attached? Yes No

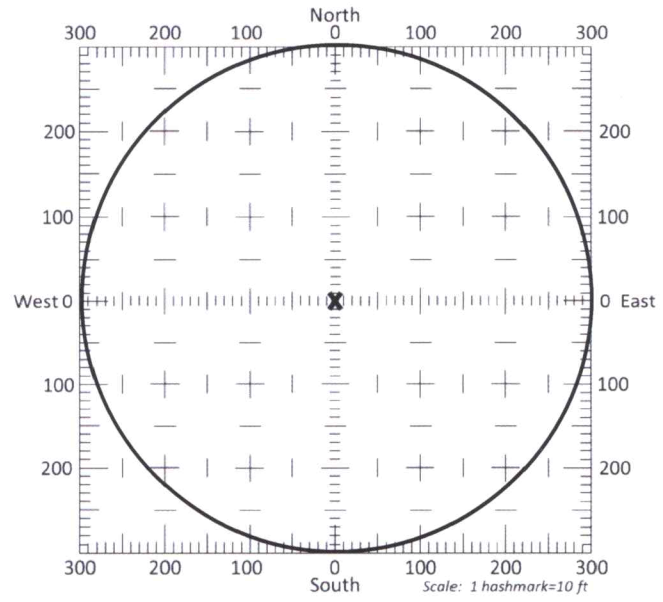
9. The change(s) (was)(will be) completed by?
UPON APPROVAL

10. If the point of diversion is a well:
 (a) What are you going to do with the old well?
PLUG / CAP
 (b) When will this be done? UPON COMPLETION

11. Groundwater Management District recommendation attached?
 Yes No

12. Assisted by AM / GCFO

13a. If the proposed point of diversion will be relocated more than 300 feet but within 2,640 feet of the existing point of diversion, attach a topographic map or aerial photograph. For groundwater sources, show all wells (including domestic) within one-half mile of the proposed point of diversion and the names and mailing addresses of the owners. For surface water sources, show the names and addresses of the landowner(s) one-half mile downstream and one-half mile upstream from your property lines



13b. If the proposed point of diversion will be relocated within a 300 foot radius of the existing point of diversion, indicate its location on the diagram shown above in relation to the existing point of diversion. The proposed point of diversion must be located within the circle shown above. **(PLEASE NOTE: The "X" in center of diagram above represents the presently authorized point of diversion.)**

14. If the proposed groundwater point of diversion is 300 or fewer feet from the existing point of diversion, complete the following:
- (a) Does the undersigned represent all owners of the currently authorized place(s) of use identified in this application?
 Yes No (If no, all owners must sign this application.)
 - (b) Will the ownership interest of any owner of the currently authorized place(s) of use identified in this application be adversely affected if this application is approved as requested?
 Yes No (If yes, all owners must sign this application.)
 - (c) If this application is not approved expeditiously, will there be substantial damage to property, public health or safety?
 Yes No (If no, all owners must sign this application.)

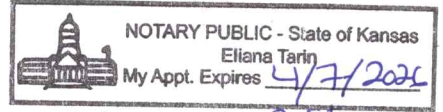
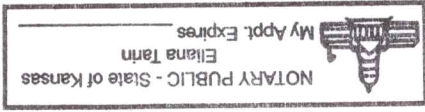
If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized statement authorizing representation).

I hereby verify, being first duly sworn upon my oath or affirmation and under penalty of perjury, that I am of lawful age and the owner, the spouse of the owner, or a duly authorized agent of the owner(s) to make this application on their behalf, in regards to the water right(s) to which this application pertains. I further verify that the statements contained in this application are true, correct and complete.

Dated at Syracuse, Kansas, this 21st day of July, 2022.

(Owner)	(Spouse)
Jay Houtsma, Member (Please Print) Syracuse Dairy, LLC	(Please Print)
(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 21st day of July, 2022.

Eliana Tarrin
 Notary Public

My Commission Expires 4/7/2026

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. 17809

1. A change application was received on July 21, 2022 requesting that the place of use and / or point of diversion authorized under the above-referenced file number be changed as described in the application.
2. On and after the effective date of this summary order, the authorized place(s) of use shall be located substantially as shown on the topographic map accompanying the application to change the place of use. Applicable Not Applicable
3. The change in point of diversion shall not impair existing rights and shall be limited to the same source or sources of water as previously authorized. The point of diversion authorized by this summary order shall be located within a 300 foot radius of the authorized point(s) of diversion. Applicable Not Applicable
4. The point(s) of diversion described herein is administratively corrected to be more accurately described using the Global Positioning System (GPS), as described in the application. Applicable Not Applicable
5. The point(s) of diversion authorized herein shall not actually be located more than 2640 feet from the previously authorized point(s) of diversion. Applicable Not Applicable
6. As required by K.A.R. 5-3-5d, if the works for diversion is a well with a diversion rate of 100 gallons per minute or more, a tube or other device suitable for making water level measurements shall be installed, operated and maintained in accordance with K.A.R. 5-6-13. Applicable Not Applicable
7. **The owner of the authorized place(s) of use shall properly install an acceptable water flow meter on or before December 31, 2022**, or before the first use of water, whichever occurs first. The water flow meter shall be installed, operated and maintained in accordance with K.A.R. 5-1-4 through 5-1-12. As required by K.S.A. 82a-732, as amended, and K.A.R. 5-3-5e, the owner shall maintain records and report the reading of the water flow meter and the total quantity of water diverted annually to the Chief Engineer by March 1 following the end of each calendar year. Applicable Not Applicable
8. **Installation of the works for diversion of water shall be completed on or before December 31, 2022**, or within any authorized extension of time. By March 1, 2023 the applicant shall notify the Chief Engineer that construction of the works for diversion has been completed, on the form provided by the Chief Engineer, as required by K.A.R. 5-8-4e. Applicable Not Applicable
9. **The completed well log shall be submitted with the required notice.** Applicable Not Applicable
10. All diversion works into which any type of chemical or other foreign substance will be injected into the water shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The check valve(s) shall be installed, operated and maintained in accordance with K.A.R. 5-3-5c. Applicable Not Applicable
11. Additional Conditions are attached. Yes No
12. In accordance with K.S.A. 82a-708a, as amended, and K.A.R. 5-5-14, all of the owners of the authorized place(s) of use of water appropriated under the above-referenced file number are responsible for compliance with its terms, conditions and limitations, as amended and/or supplemented by this Summary Order, and with applicable provisions of the *Kansas Water Appropriation Law* and the *Rules and Regulations* promulgated thereunder. Failure to comply with these provisions may result in civil penalties pursuant to K.S.A. 82a-737, as amended, and/or the suspension or revocation and dismissal of the water or appropriation right or any other enforcement actions authorized by law.

Administrative Appeal and Effective Date of Order

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

For Use by Register of Deeds

FOR OFFICE USE ONLY
APPLICATION APPROVED AND SUMMARY ORDER ISSUED

By: Austin McColloch
Duly Authorized Designee of the Chief Engineer
(Print Name): Austin McColloch
Division of Water Resources - Kansas Department of Agriculture

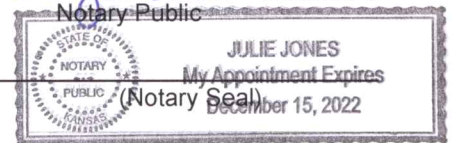
Date of Issuance: August 29, 2022

State of Kansas)
County of Finney) SS

Acknowledged before me on August 29, 2022
by Austin McColloch

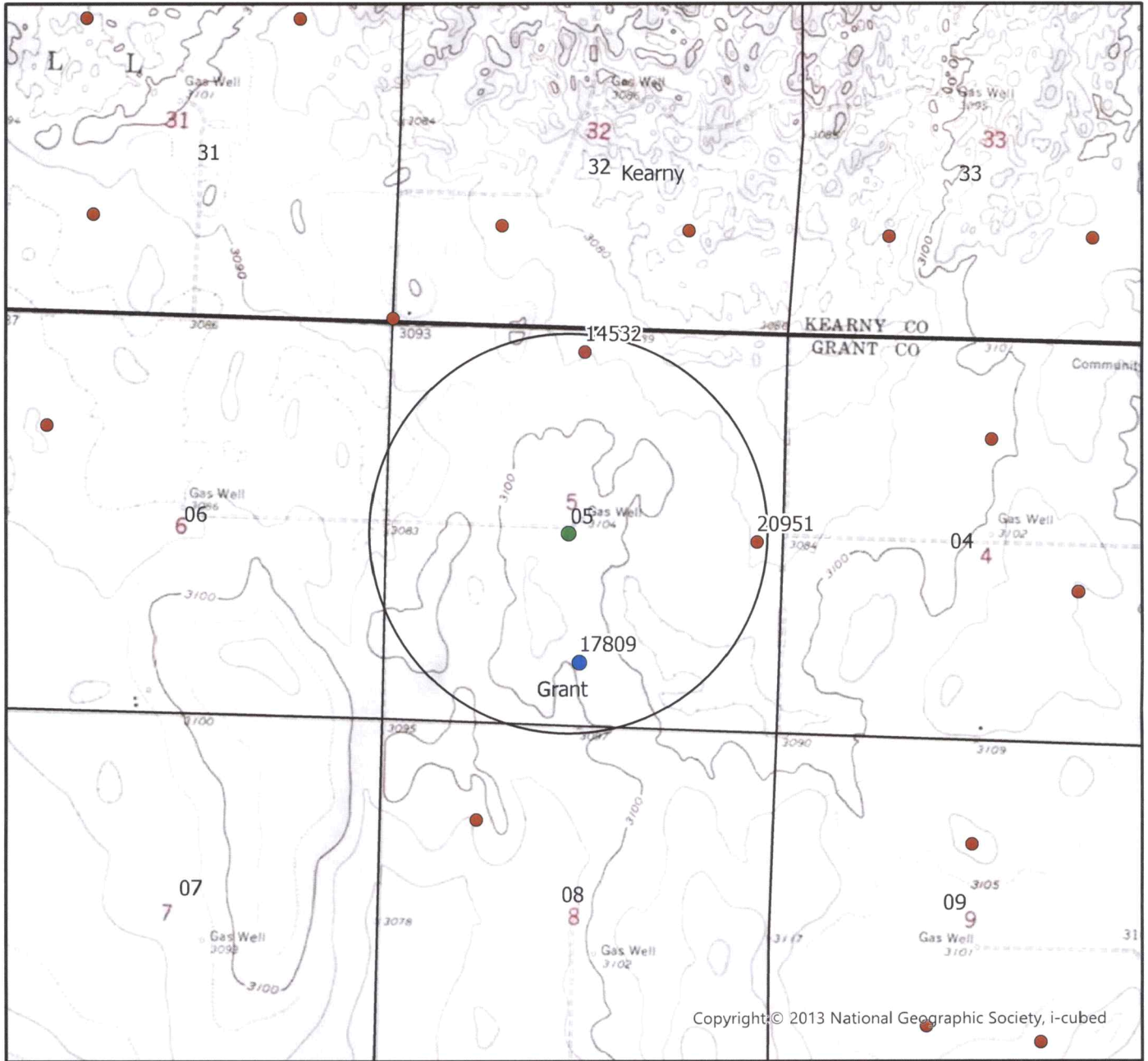
Signature: Julie Jones
Notary Public

My commission expires: December 15, 2022
(Notary Seal)



CHANGE IN POINT OF DIVERSION WATER RIGHT, FILE NO. 17809

SW 1/4 of Section 5 Township 27 South Range 36 West Grant County



	Authorized Point of Diversion
	Proposed Point of Diversion
	Permitted Water Right
	Domestic Well within 1/2 mile
	1/2 mile buffer

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

WR 14532 - DARYL M PUCKET
1360 E ARIZONA AVE ULYSSES KS 67880

WR 20951 - OWNED BY APPLICANT



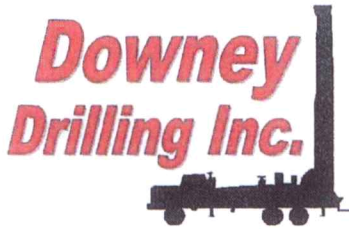
By signing below I agree that all wells, including domestic, and owners names and addresses within 1/2 mile of the proposed point of diversion have been shown on the map

 (Signature) 07/21/2022 Date

Date AM/GCFO
1:24,000 Scale

WELL LOG

DATE: 4/14/2021



CUSTOMER NAME: SYRACUSE DAIRY (ED HILGER) TH#1

LEGAL: SW 5-27S-36W

COUNTY: GRANT CO, KS

GPS: 37.728647

-101.281682

LOGGER:

DRILLER: DIEGO VALLE

WO: 20-1234

TW	FROM	TO	TYPE	HARDNESS	COLOR	SPEED	PULL DOWN	OTHER / DRILLING ACTION
	0	2	TOPSOIL	SOFT	DARK BROWN	FAST		SMOOTH
	2	22	FINE SAND	SOFT		FAST		SMOOTH
	22	37	SANDY CLAY W/ CALICHE & FINE SAND	SOFT	BROWN	FAST		SMOOTH & VIBRATION
	37	93	FINE SAND W/ LEDGES OF CLAY	SOFT		FAST		VIBRATION
	93	94	CEMENTED SAND	HARD	WHITE	SLOW	X	CHATTER
	94	101	FINE-MED-COARSE SAND W/ FINE GRAVEL	STIFF		FAST		FAST CHATTER
	101	108	SANDY CLAY	SOFT	BROWN	FAST		SMOOTH
	108	147	FINE-MED-COARSE SAND W/ FINE GRAVEL (HARD SPOT @ 127)	STIFF		FAST		CHATTER
	147	160	SANDY CLAY	SOFT	BROWN & YELLOW	FAST		SMOOTH
	160	171	FINE SAND W/ SANDY CLAY	SOFT	BROWN & YELLOW	FAST		VIBRATION & SMOOTH
	171	179	SANDY CLAY	SOFT	BROWN & YELLOW	FAST		SMOOTH
	179	189	FINE SAND	SOFT		FAST		VIBRATION
	189	203	SANDY CLAY	SOFT	BROWN & YELLOW	FAST		SMOOTH
	203	217	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		SEMI-SLOW		CHATTER
	217	226	SANDY CLAY W/ FINE SAND	SOFT		FAST		SMOOTH & VIBRATION
	226	272	FINE-MED SAND W/ MED GRAVEL & SANDY CLAY	STIFF & SOFT		FAST		FAST CHATTER & SMOOTH
	272	286	FINE-MED-COARSE SAND	FIRM		FAST		FAST CHATTER
	286	299	FINE-MED SAND W/ MED-LARGE GRAVEL	HARD		SLOW		CHATTER
	299	301	SANDY CLAY LAYER	SOFT	TAN	FAST		SMOOTH
	301	327	FINE-MED-COARSE SAND W/ MED-LARGE GRAVEL	HARD		SLOW		CHATTER
	327	333	SANDY CLAY W/ FINE SAND	SOFT		FAST		SMOOTH & VIBRATION
	333	367	FINE-MED-COARSE SAND W/ FINE-MED GRAVEL	STIFF		FAST		FAST CHATTER
	367	388	BROWN STICKY CLAY	STICKY	BROWN	FAST		SMOOTH
	388	399	FINE SAND W/ SANDY CLAY	SOFT		FAST		VIBRATION & SMOOTH
X	399	527	BROWN ROCK W/ SANDSTONE, FINE SAND, FINE GRAVEL & CLAY LEDGES	STIFF	BROWN & YELLOW	SEMI-SLOW		CHATTER
X	527	537	BROWN ROCK W/ SANDSTONE, FINE SAND, FINE GRAVEL & GRAY SOAPSTONE		GRAY			
	537	580	SHALE (HARD SPOT @ 574)	SOFT	BLUE	SLOW		SMOOTH
			QUIKGEL - 8					
			WATER LOADS - 1-1/2					
			BRAN - 1					
			EZ MUD - 1/2					
			SODA ASH - 1/2					
			HOLE PLUG - 2					
			CASING SEAL - 1					



Century GEOPHYSICAL CORP.

SYRACUSE DAIRY (ED HILGER)

COMPANY : DOWNEY DRILLING INC
WELL : SYRACUSE DAIRY (ED HILGER
TH #1
LOCATION/FIELD :
COUNTY : GRANT CO
LOCATION : SW
SECTION : 5

OTHER SERVICES:

TOWNSHIP : 27S RANGE : 36W

DATE : 04/14/21
DEPTH DRILLER : 580
LOG BOTTOM : 581.00
LOG TOP : 0.90

PERMANENT DATUM : GL

KB :
DF :
GL :

LOG MEASURED FROM: GL
DRL MEASURED FROM: GL

CASING DIAMETER : 10.
CASING TYPE :
CASING THICKNESS:

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

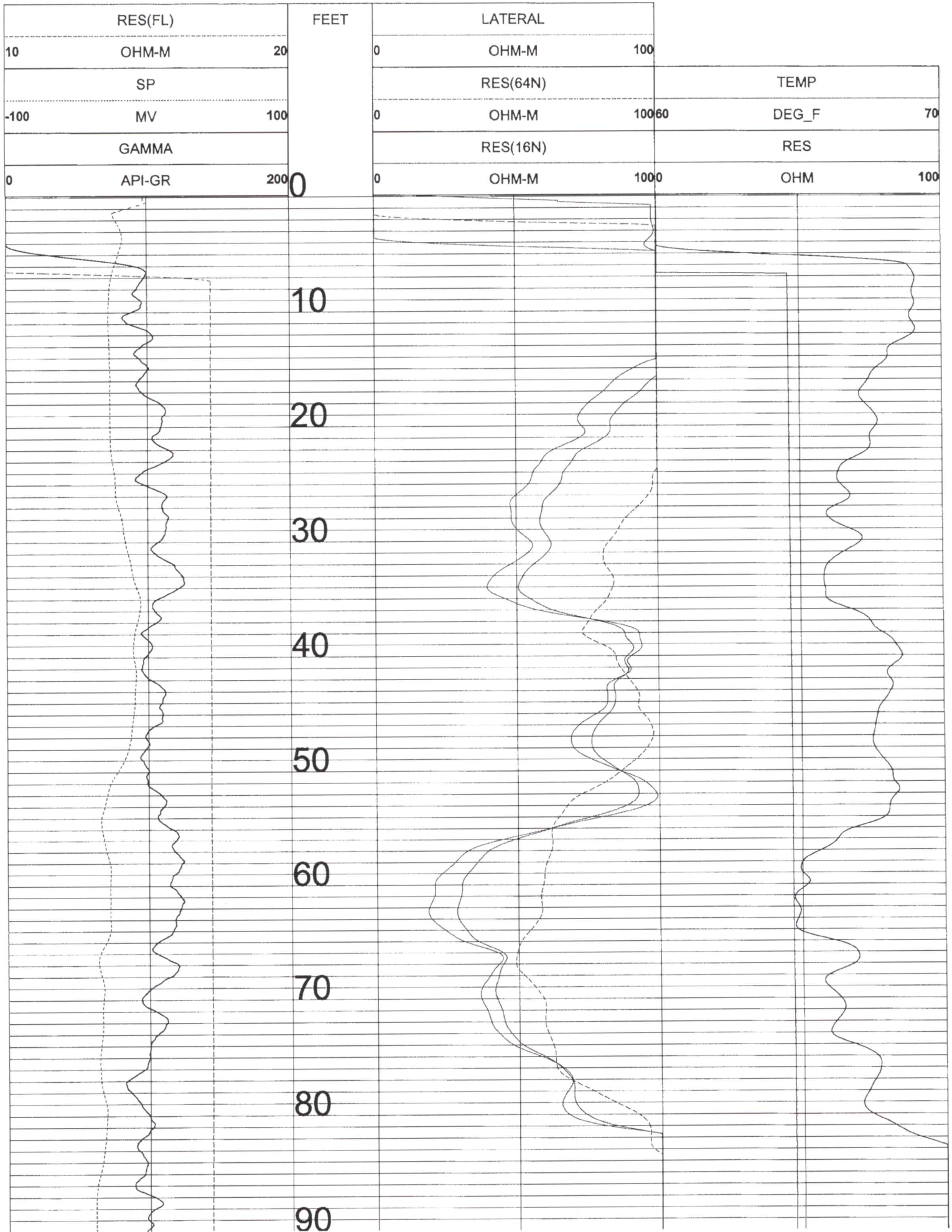
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MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : LIMESTON

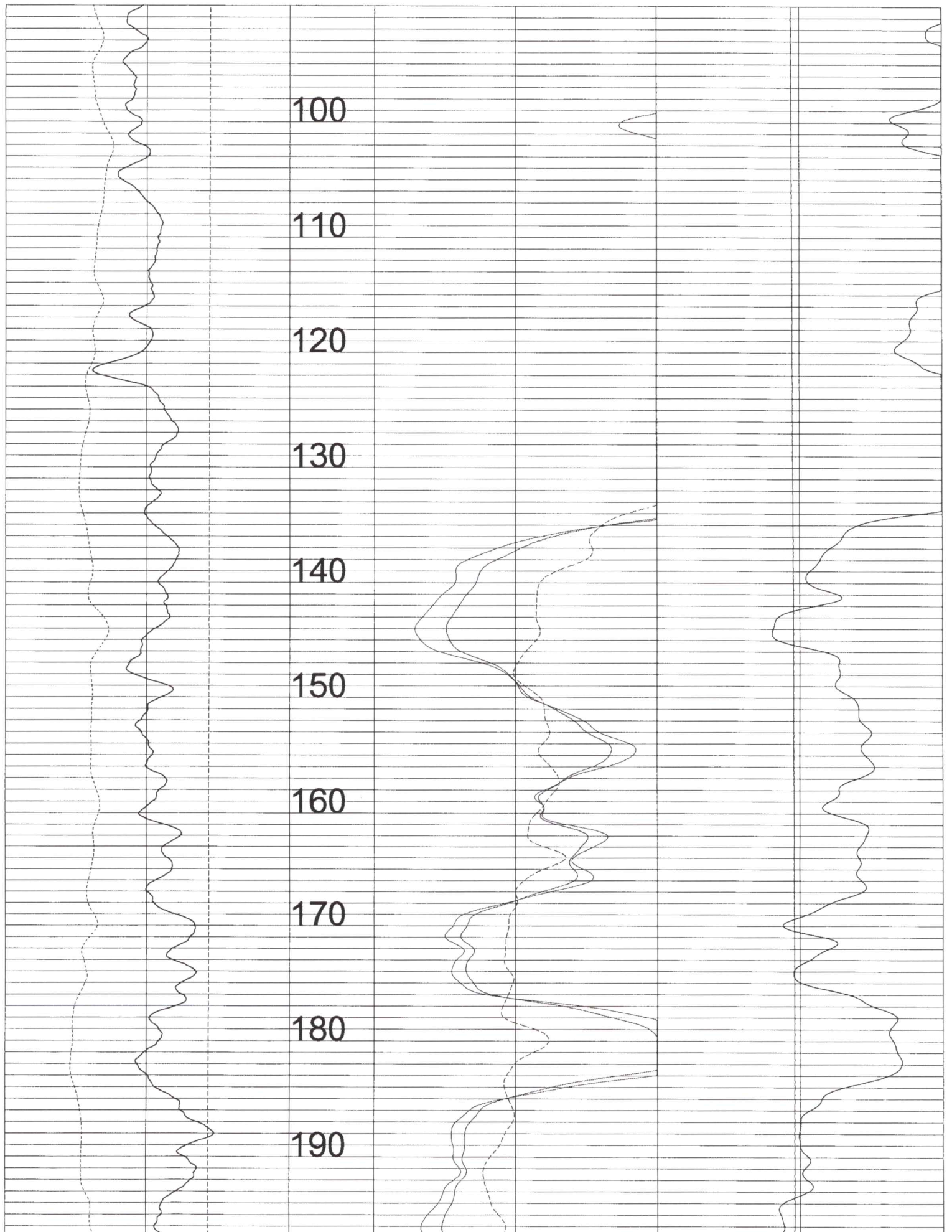
BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

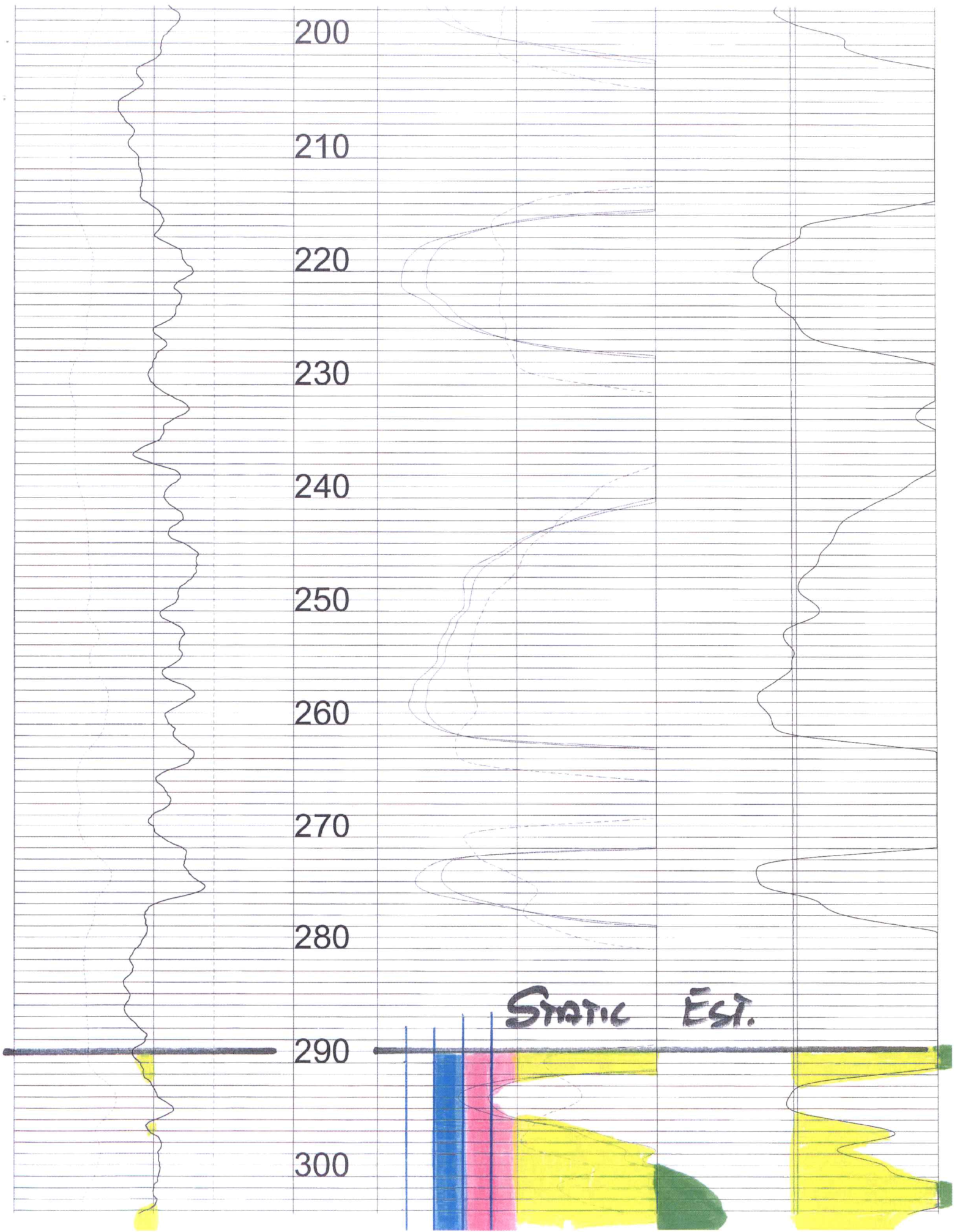
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LGTIME : 17:20:
THRESH: 99999

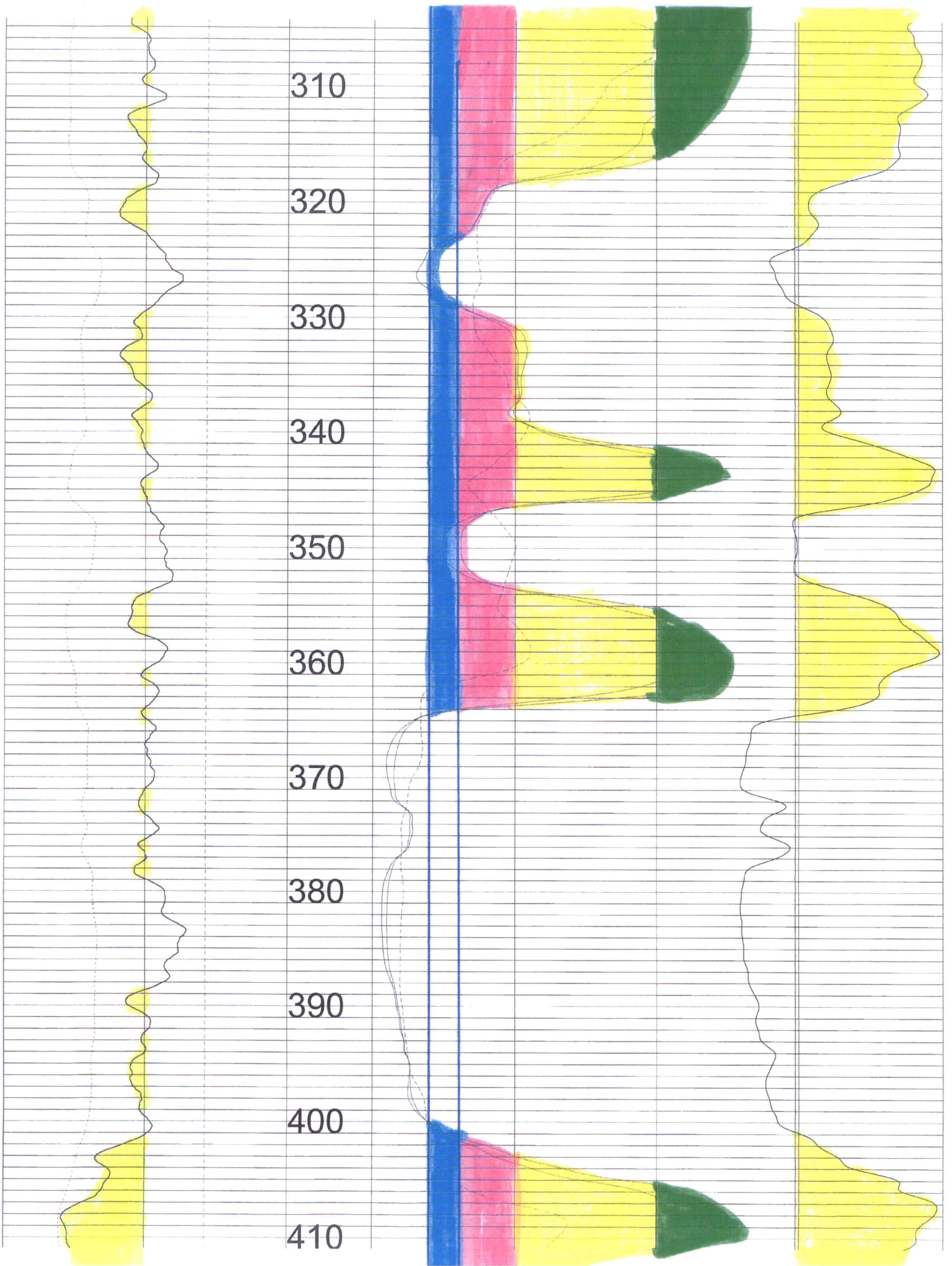
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W 101.28168

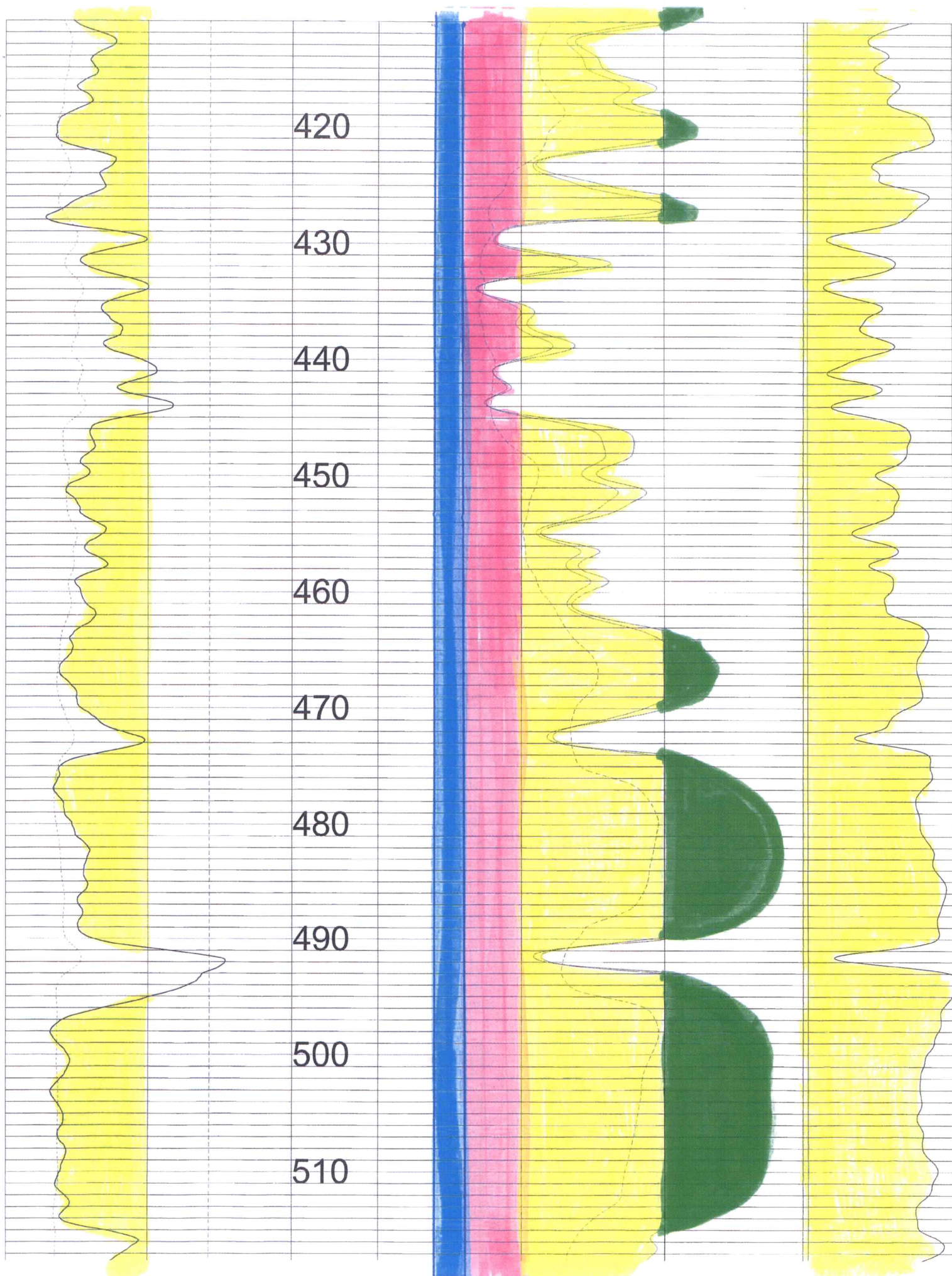
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

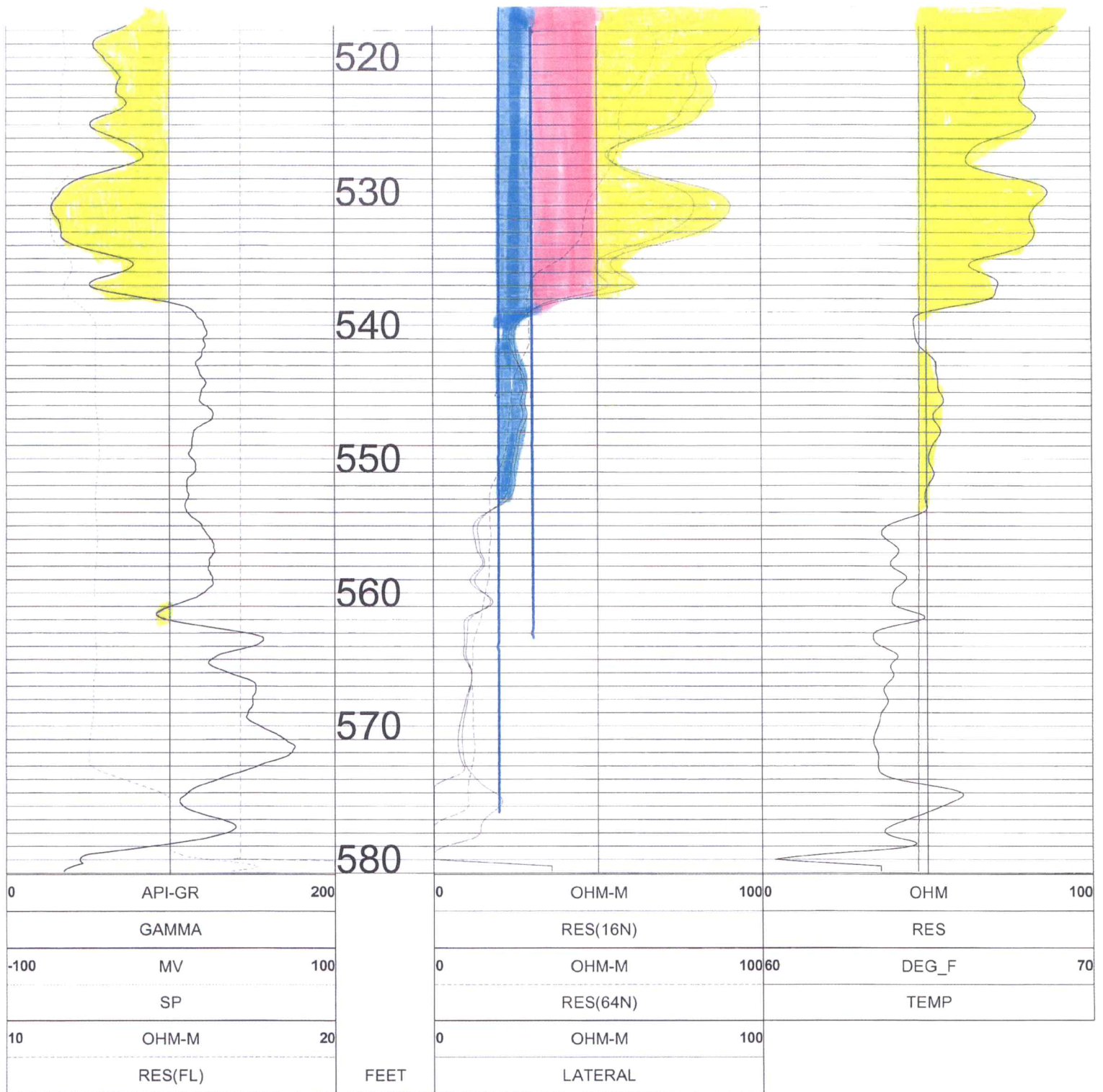












TOOL CALIBRATION SYRACUSE DAIRY (ED HILGER) 04/14/21 17:20
TOOL 8144A TM VERSION 1
SERIAL NUMBER 365

	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]

TOOL CALIBRATION SYRACUSE DAIRY (ED HILGER) 04/14/21 17:20
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]

INPUTS	
Target Section Definition	
Section	5
Township	27
Range	36
Range Direction	w
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-101.281682
Target Latitude	37.728647

Load Data and Compute

Instructions

1. Enter values for section, township, range and range direction.
2. Enter **NAD27** or **NAD83** longitude and latitude of target point.
3. Click "Load Data and Compute" button.
4. Use feet distances corresponding to datum of target point.

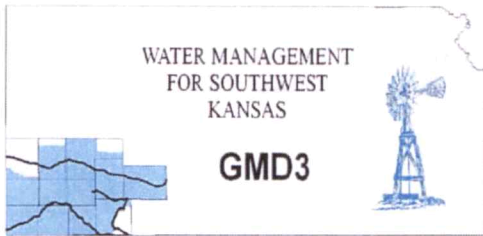
Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	37.72175946	-101.29010763
NW	37.73616309	-101.29029086
NE	37.73622428	-101.27207179
SE	37.72169861	-101.27197976
Degrees Longitude per Foot		3.45747115E-06
Degrees Latitude per Foot		2.74621973E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	2508	-2437
NW	-2737	-2490
NE	-2759	2780
SE	2530	2806

Target point is In Section

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	37.72174100	-101.28965800
NW	37.73614500	-101.28984100
NE	37.73620600	-101.27162200
SE	37.72168000	-101.27153000
Degrees Longitude per Foot		3.45747029E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	2515	-2307
NW	-2731	-2360
NE	-2753	2910
SE	2537	2936

Target point is In Section

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00001846	-0.00044963
NW	0.00001809	-0.00044986
NE	0.00001828	-0.00044979
SE	0.00001861	-0.00044976
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-6.93644673	-130.04534585
NW	-6.35437207	-130.11185540
NE	-6.42166361	-130.09291026
SE	-6.99296174	-130.08423996



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

August 22, 2022

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

RECEIVED

AUG 29 2022

Garden City Field Office
Division of Water Resources

RE: Application for Change in Point of Diversion
Water Right, File No. 17809

Dear Austin:

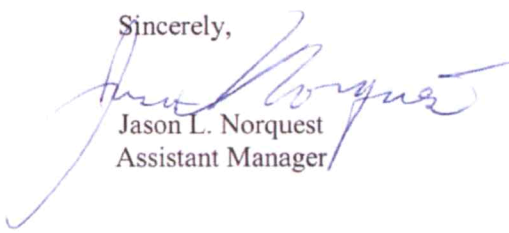
We have completed a review of the application for the above referenced water right. The proposed change in point of diversion is in accordance with current area rules, K.A.R. 5-23-3, as it pertains to minimum spacing to neighboring wells and distance moved.

Well evaluations were conducted to estimate possible effects of the proposal on the supply of other wells with water rights prior to the proposal per K.S.A. 82a-708b, and the 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 (3.0 ft with saturated thickness is between 125-150ft), 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 wells exceeded the net effect above the maximum allowable threshold. Further evaluation showed no critical wells in the area. We did not receive any comments from neighboring well owners. Therefore, GMD3 sees this move as meeting current area rules and would recommend approval. If aquifer conditions change or there is a change to the water right in the future, we would be happy to evaluate the effects at that time.

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

Sincerely,


Jason L. Norquest
Assistant Manager

GMD3 Change Review

File No(s): 17809. DWR office: GC.

App filed to change: PD.

Is Landowner(s) correct in WRIS: Syracuse Dairy Inc..

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) 02 being changed.

	ft. North	ft. West	
Authorized PD	660	2750	Sect 5-27-36
Proposed PD	2530	2806	
Difference	-1870 n	-56 w	
$a^2 + b^2 = c^2$	3496900	3136	1870.838 foot move

GPS for proposed PD: Lat: 37.728647 Long: -101.281682.

Is proposed PD stacking on existing WRs? No.

Is Proposed PU overlapping existing WRs? No Change.

Neighboring certified well(s) notified: .

Name Daryl & Janet Pucket (14532).

Address 1360 E Arizona Ave.

Zip Ulysses, KS 67880.

Email: Phone: 620-353-9515.

Name Tate Family Trust [Kearny County Bank Trust Dept] (20949).

Address PO Box 67.

Zip Lakin, KS 67860.

Email: tate@pld.com Phone: 620-355-6707.

Name Judy B Tate (24605).

Address 10008 S Dobbs St.

Zip Olathe, KS 66061.

Email: jbtatel@mac.com Phone: 620-210-976.

Name WTG Hugoton LP % Tim Mangels (32287).

Address 2272 Toad Q.

Zip Hugoton, KS 67951.

Email: tmangels@wtghugoton.com Phone: 620-428-2287.

Domestic well(s) notified: .

Name .

Address .

GMD3 Change Review

Zip ____.

Base Acres: ____.

Perfected Acres: ____.

Irr. Return-Flow ____%

Grant County

Authorized 296AF @ 880gpm

Reported water use (2012-2021): 173.4AF/year.

Not running during 2020 GMD3 inspection.

Wells on section ranged 400-544' deep.

This proposed well to around 570' depth.

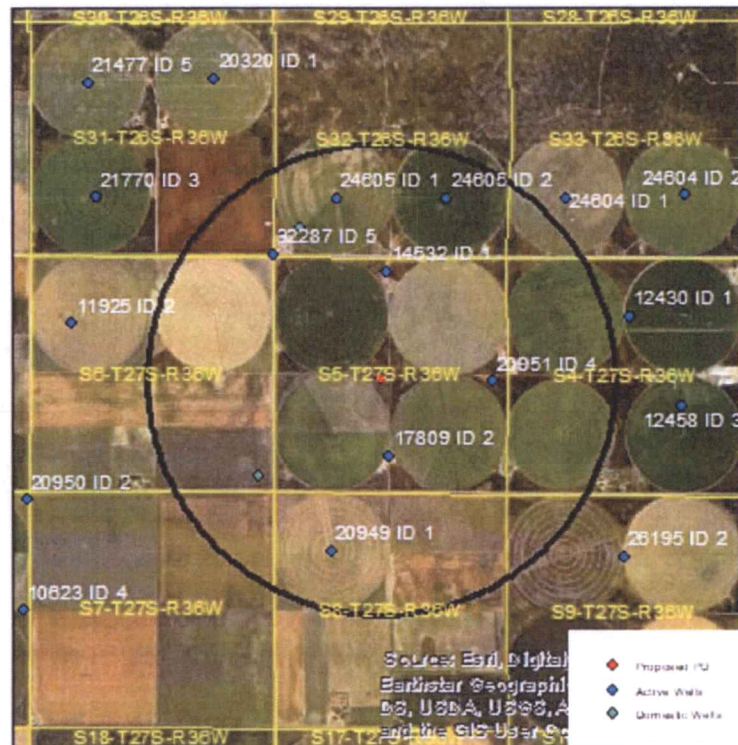
Is a waiver needed: Move less than half mile. Minimum spacing to neighboring wells appears met. Analysis shows one well exceeded minimum effects, further evaluation determined no critical wells.

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



Evaluation of proposed move for Water Right No. 17809

Proposed: Move water right no. 17809 to a new well location, 1,718 ft to the northwest.



Wells within 1 mile: 32287, 24605 ID1, 24605 ID2, 14532, 20951, 20949, a domestic well in section 32-26-36, and a domestic well in section 6-27-36.

The saturated thickness at the proposed well location is estimated to be 129 ft, based upon the GMD3 model. For saturated thickness between 125 ft and 150 ft, the drawdown allowance is 3.0 ft.

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

$S = 0.2359$, $T = 2154.2 \text{ ft}^2/\text{day}$, $tp_{\text{current}} = 130 \text{ days}$, $Q_{\text{current}} = 327 \text{ gpm}$, $tp_{\text{proposed}} = 76 \text{ days}$,
 $Q_{\text{proposed}} = 880 \text{ gpm}$

Theis drawdowns were calculated as follows:

32287:	Drawdown from current location = 2.05 ft
	Drawdown from proposed location = 4.41 ft
	Net drawdown = 2.4 ft
24605 ID1:	Drawdown from current location = 1.86 ft
	Drawdown from proposed location = 4.06 ft
	Net drawdown = 2.2 ft

24605 ID2: Drawdown from current location = 1.86 ft
Drawdown from proposed location = 3.97 ft
Net drawdown = **2.1 ft**

14532: Drawdown from current location = 2.41 ft
Drawdown from proposed location = 5.73 ft
Net drawdown = **3.3 ft**

20951: Drawdown from current location = 3.03 ft
Drawdown from proposed location = 5.61 ft
Net drawdown = **2.6 ft**

20949: Drawdown from current location = 3.28 ft
Drawdown from proposed location = 4.19 ft
Net drawdown = **0.9 ft**

Domestic 32-26-36: Drawdown from current location = 1.97 ft
Drawdown from proposed location = 4.29 ft
Net drawdown = **2.3 ft**

Domestic 6-27-36: Drawdown from current location = 2.92 ft
Drawdown from proposed location = 4.52 ft
Net drawdown = **1.6 ft**

Net drawdown exceeds the drawdown allowance of 3.0 ft for the well authorized under WR No. 14532. Critical well analysis is necessary on that well.

Critical Well Evaluation:

14532:

Water Column = 129 ft

DP = 3.3 ft (Net drawdown from the proposal indicated above)

DE = 25.9 ft (Water level decline from 2022 through 2047 based upon GMD3 model)

DD = 7.8 ft (S = 0.2069, T = 334,166 gpd/ft, Q = 888 gpm, tp = 130 days, efficiency = 70%)

DT = 37.0 ft

Economic Drawdown Constraint (EDC) = $0.4 * 129 \text{ ft} = 51.6 \text{ ft}$

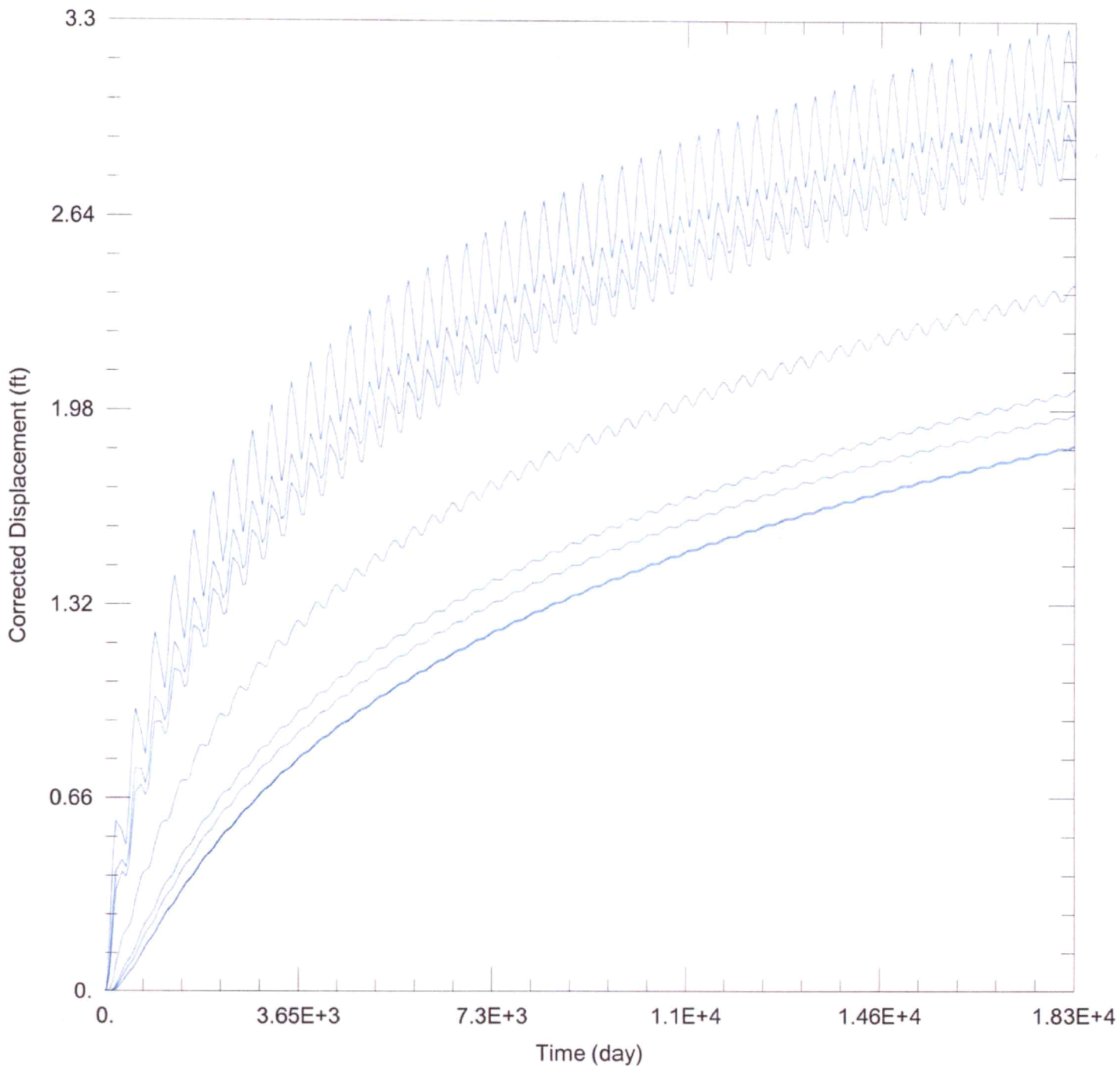
Physical Drawdown Constraint (PDC) = $129 \text{ ft} - 60 \text{ ft} = 69 \text{ ft}$

Total drawdown of 37.0 ft is less than the EDC and PDC, so this well is **not critical**.

*Note that S and T values were pulled from section 32-26-36 in the GMD3 model because the well is near the section line and observed well performance seems to be more in line with what the modeled values for that section would allow than the modeled values for section 5-27-36.

Conclusion:

The proposed move is in an area with depleted saturated thickness. If the proposed well were to pump its full authorized authority, there would likely be a net drawdown effect exceeding 3 ft on nearby water right no. 14532. Critical well analysis shows that this well is not critical because total drawdown effects, including the well's own dynamic drawdown and aquifer decline, are not projected to exceed 40% of the current saturated thickness over the next 25 years. Concerned neighbors should contact GMD3 at (620) 275-7147 or the Division of Water Resources at (620) 276-2901.



WELL TEST ANALYSIS

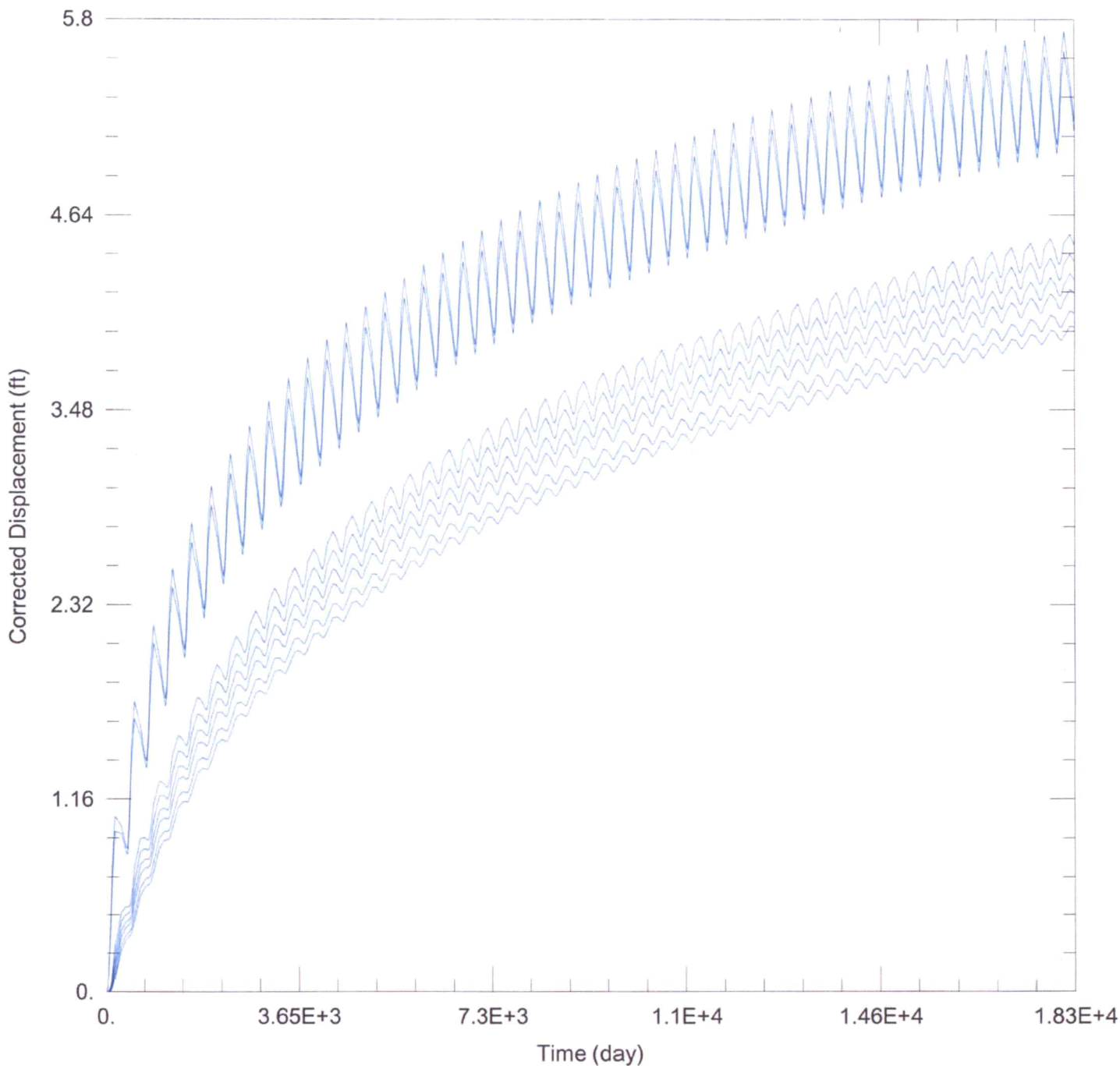
Data Set: C:\Users\trevora\Documents\2022_moves\17809\17809 Current.aqt
 Date: 08/17/22 Time: 15:52:34

PROJECT INFORMATION

Company: GMD 3
 Project: 17809
 Location: Grant County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
17809	-139283	309476	□	-139283	309476



WELL TEST ANALYSIS

Data Set: C:\Users\trevora\Documents\2022_moves\17809\17809 Proposed.aqt
 Date: 08/17/22 Time: 15:52:26

PROJECT INFORMATION

Company: GMD 3
 Project: 17809
 Location: Grant County

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
17809	-139471	311183	□	-139471	311183

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 5, 2022

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

Re: Request for Recommendation,
File No. 17809

Dear Sir or Madam:

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

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

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

Sincerely,

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

Austin McColloch
Assistant Water Commissioner

Enclosure
pc:

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



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

Mike Beam, Secretary

Laura Kelly, Governor

July 22, 2022

DARYL M & JANET PUCKET
1360 E ARIZONA AVE
ULYSSES, KS 67880-3005

RE: Application for Change
Water Right, File No. 17809

Dear Sir or Madam:

This is to advise you that Syracuse Dairy 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 under the above referenced applications. An irrigation well is proposed to be relocated to the NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 5, Township 27 South, Range 36 West, Grant County.

You can find the complete applications posted by water right file number as referenced above at: www.Agriculture.ks.gov/DWRNotices

You are notified on this proposed point of diversion (well) so that you may furnish this office with any comments or other information you 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 contact this office. If you would prefer, you could arrange an appointment 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 "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:
GROUNDWATER MANAGEMENT DISTRICT NO. 3

SCANNED



STATE OF KANSAS, GRANT COUNTY

This instrument was filed for record on April 13, 2022 11:42 AM
and duly recorded in DD Book 91, Page 724-725

Fees: \$38.00 Instrument# 202200346

Reception AM
Numerical BC
Direct BC
Indirect BC
Stamped BC
Computer BC
Orig. Comp. BC

Dana Y. McDaniel
Dana Y. McDaniel



Register of Deeds

TRUSTEE'S WARRANTY DEED

File No. 22-0227

THIS INDENTURE, made this 13th day of April, 2022, by and between,

Linda J. Chinn, Trustee and Richard W. Chinn, Trustee for Eldan L. Ansel and M. Lorine Ansel Trust dated December 13, 1988, as GRANTOR,

and

Syracuse Dairy, LLC, as GRANTEE;

WITNESSETH: THAT SAID GRANTOR, in consideration of the sum of Ten Dollars and other good and valuable consideration, the receipt and sufficiency which is hereby acknowledged by GRANTOR, does hereby **grant, bargain and sell, convey and confirm**, unto the said GRANTEE, and unto Grantee's heirs and assigns forever, the following described real property situated in the County of Grant, State of Kansas to-wit:

Surface and water rights only, in and to:

The Southwest Quarter (SW/4) of Section Five (5), Township Twenty-seven (27) South, Range WR 17809 Thirty-six (36) West of the Sixth Principal Meridian, Grant County, Kansas; and

The Southeast (SE/4) of Section Twelve (12), Township Twenty-seven (27) South, Range WR 10623 Thirty-seven (37) West of the Sixth Principal Meridian, Grant County, Kansas.

Subject to all easements, restrictions and reservations, if any, now of record, and all the taxes and assessments that may be levied, imposed or become payable hereafter.

This Deed is made and given by the GRANTOR as Trustee(s) pursuant to the power of sale contained in the aforesaid Trust agreement, which Agreement remains in full force and effect at this time. And the GRANTOR further states that the power to sell and convey the real estate described hereinabove is granted under said Trust Agreement.

TO HAVE AND TO HOLD, the premises aforesaid, with all and singular the rights, privileges, appurtenances and immunities thereto belonging or in anywise appertaining, unto the said GRANTEE and unto Grantee's heirs and assigns forever, the said GRANTOR hereby covenanting that it is lawfully seized of an indefeasible estate in fee in the premises herein conveyed; that it has good right to convey the same; that the said premises are free and clear from any encumbrance done or suffered by it or those under whom it claims; except as stated above and except for all taxes and assessments, general and special, not now due and payable; and that it will warrant and defend the title of the said premises unto the said GRANTEE, and unto Grantee's heirs and assigns forever, against the lawful claims and demands of all persons whomsoever.

If two or more persons constitute either GRANTOR or GRANTEE, the words GRANTOR and GRANTEE shall be construed to read GRANTORS or GRANTEES, whenever the sense of this Deed requires.

Entered in transfer record in my office on
April 13, 2022

Sheila Brown
Sheila Brown
Rae A. Barthwick, Deputy
Grant County Clerk

IN WITNESS WHEREOF, the said GRANTOR has executed this instrument the day and year first above written.

Eldan L. Ansel and M. Lorine Ansel Trust dated December 13, 1988

BY: *Linda J. Chinn*
Linda J. Chinn
Trustee

BY: *Richard W. Chinn*
Richard W. Chinn
Trustee

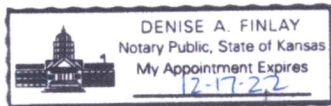
State of Kansas

County of Grant

On this 13th day of April, 2022, before me, the undersigned, appeared **Linda J. Chinn, Trustee and Richard W. Chinn, Trustee for Eldan L. Ansel and M. Lorine Ansel Trust dated December 13, 1988**, to me known to be the person(s) described in and who executed the foregoing instrument, and acknowledged that he/she/they executed the same as his/her/their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal in said County and State, the day and year last above written.

My commission expires: 12-17-22



Denise A. Finlay
Notary Public
Printed Name: Denise A. Finlay

When recorded return to:
Frazee Abstract & Title, Inc.
206 E. Grant Ave.
Ulysses, KS 67880