

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

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

Garden City Field Office
 Division of Water Resources

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

Place of Use Point of Diversion

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

The source of supply is: Groundwater Surface water

2. Name and address of Applicant: 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

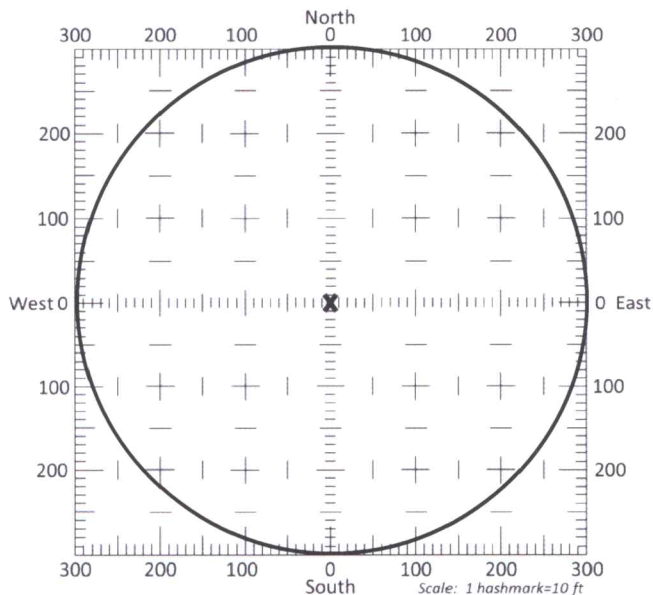
9. The change(s) (was)(will be) completed by?
UPON APPROVAL

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.)

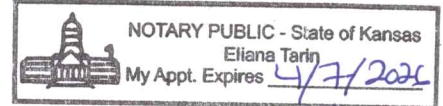
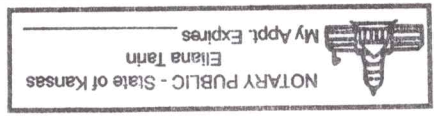
If the application proposes a surface water change in point of diversion, a groundwater change in point of diversion greater than 300 feet, or a change in place of use, the application must be signed by all owners of the currently authorized place of use, or their duly authorized agent (attach notarized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

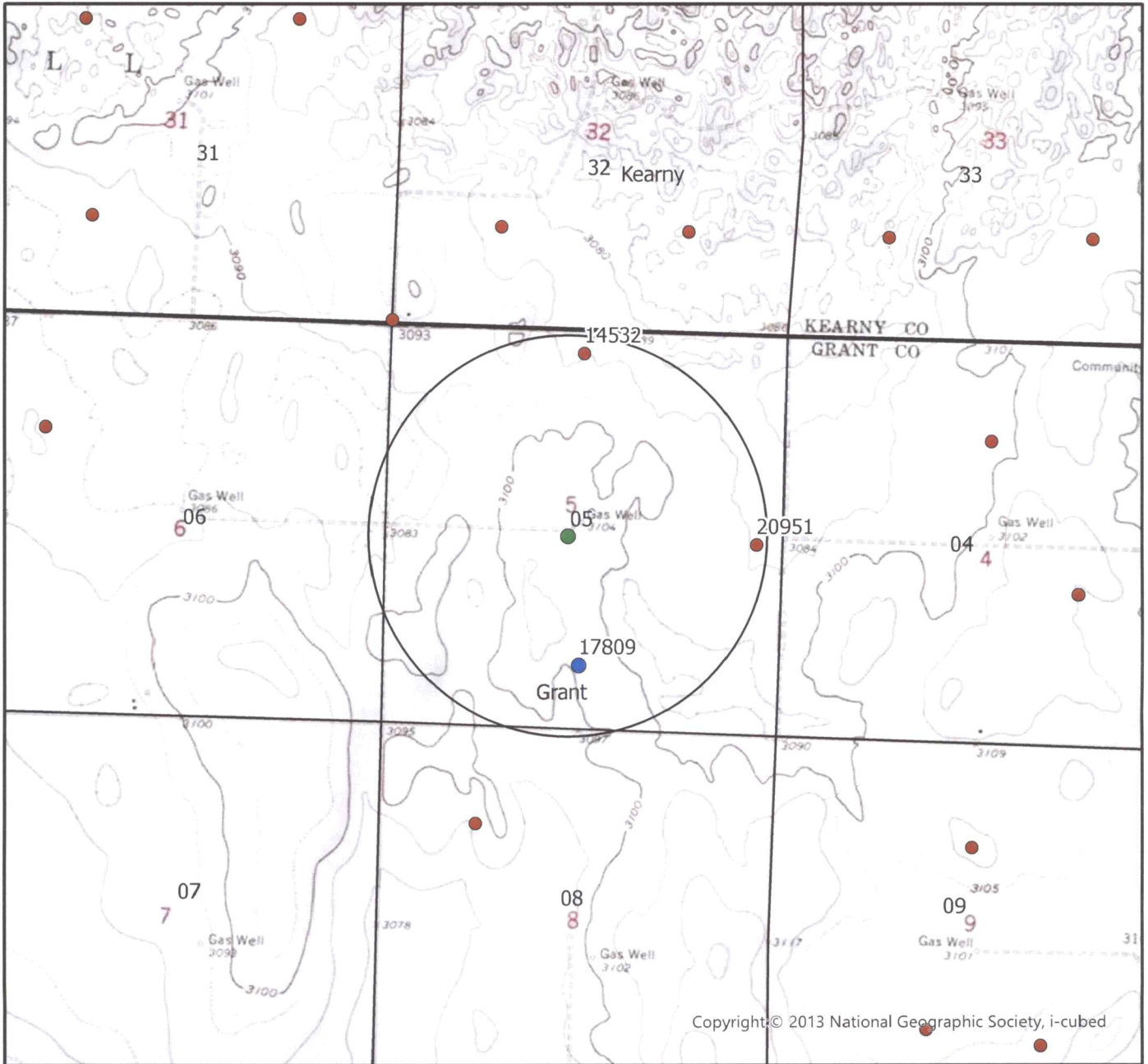
FEE SCHEDULE

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

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)

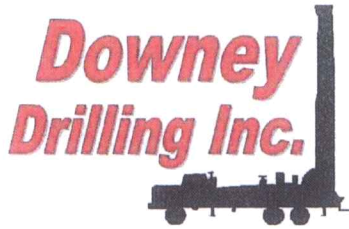
07/21/2022

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)
LOCATION/FIELD : TH #1
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

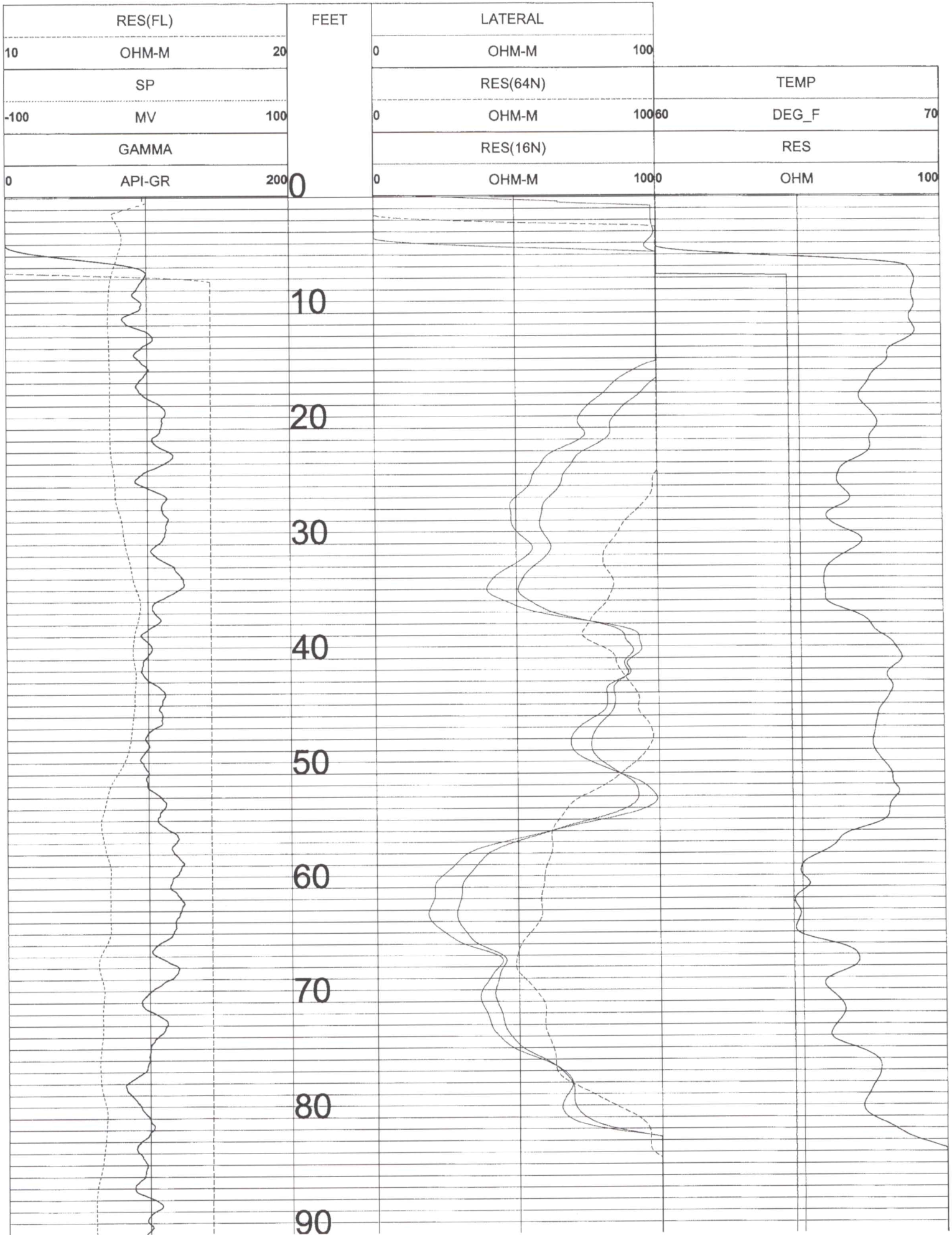
BIT SIZE : 6.25
MAGNETIC DECL. : 0
MATRIX DENSITY : 2.71
NEUTRON MATRIX : LIMESTON

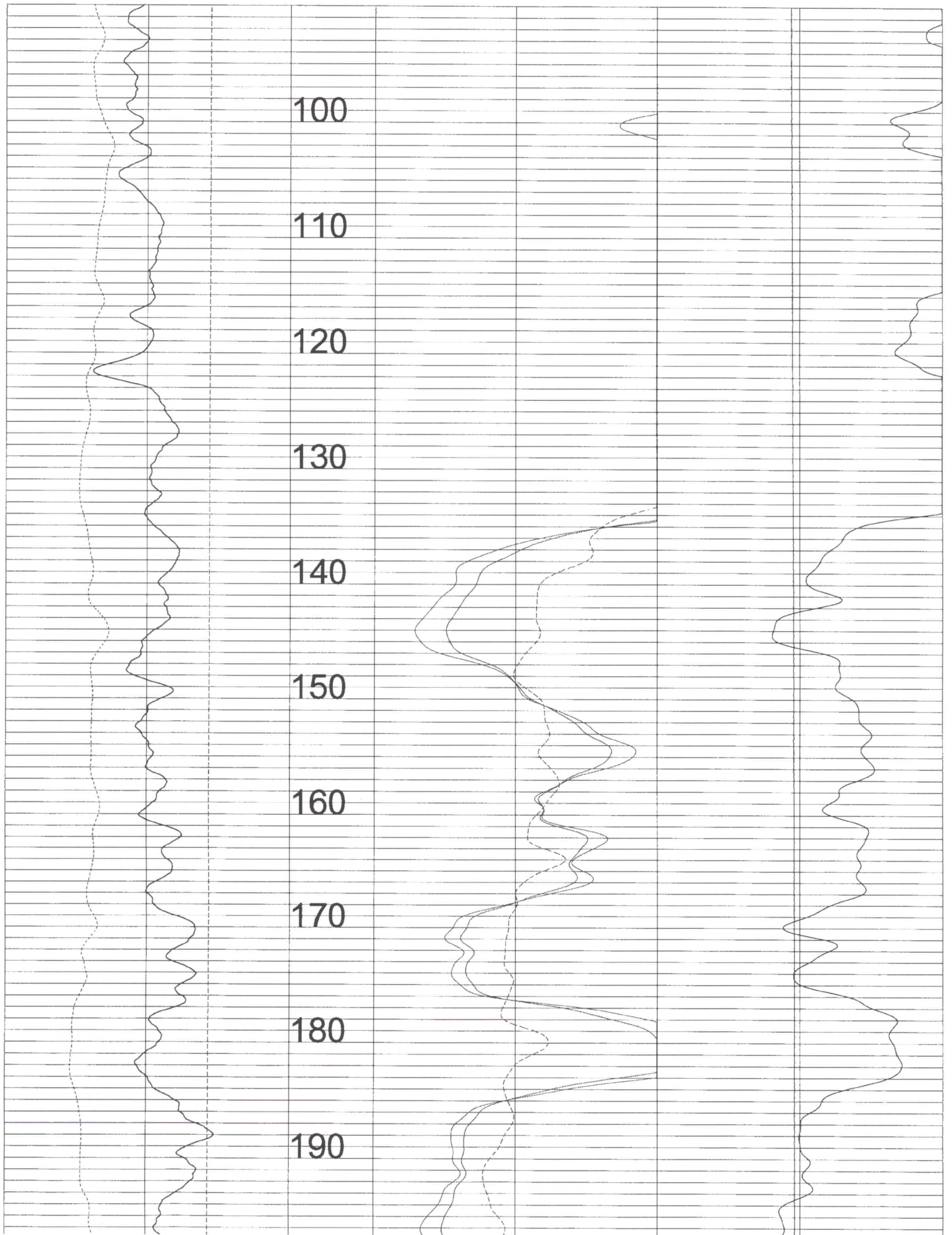
BOREHOLE FLUID : MUD
RM :
RM TEMPERATURE :
MATRIX DELTA T : 49

FILE : ORIGINAL
TYPE : 8144A
LGDATE: 04/14/21
LGTIME : 17:20:
THRESH: 99999

N 37.72864
W 101.28168

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





200

210

220

230

240

250

260

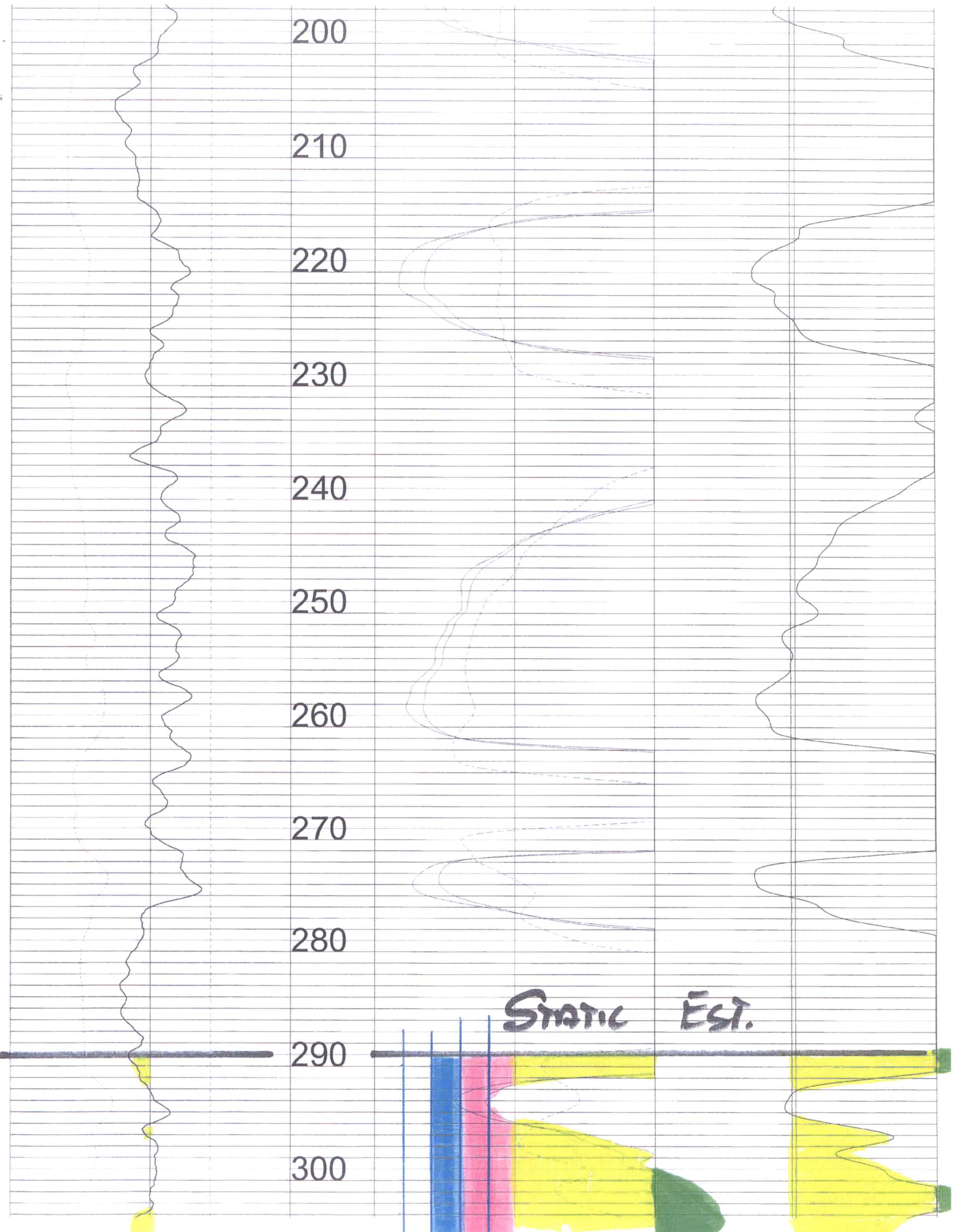
270

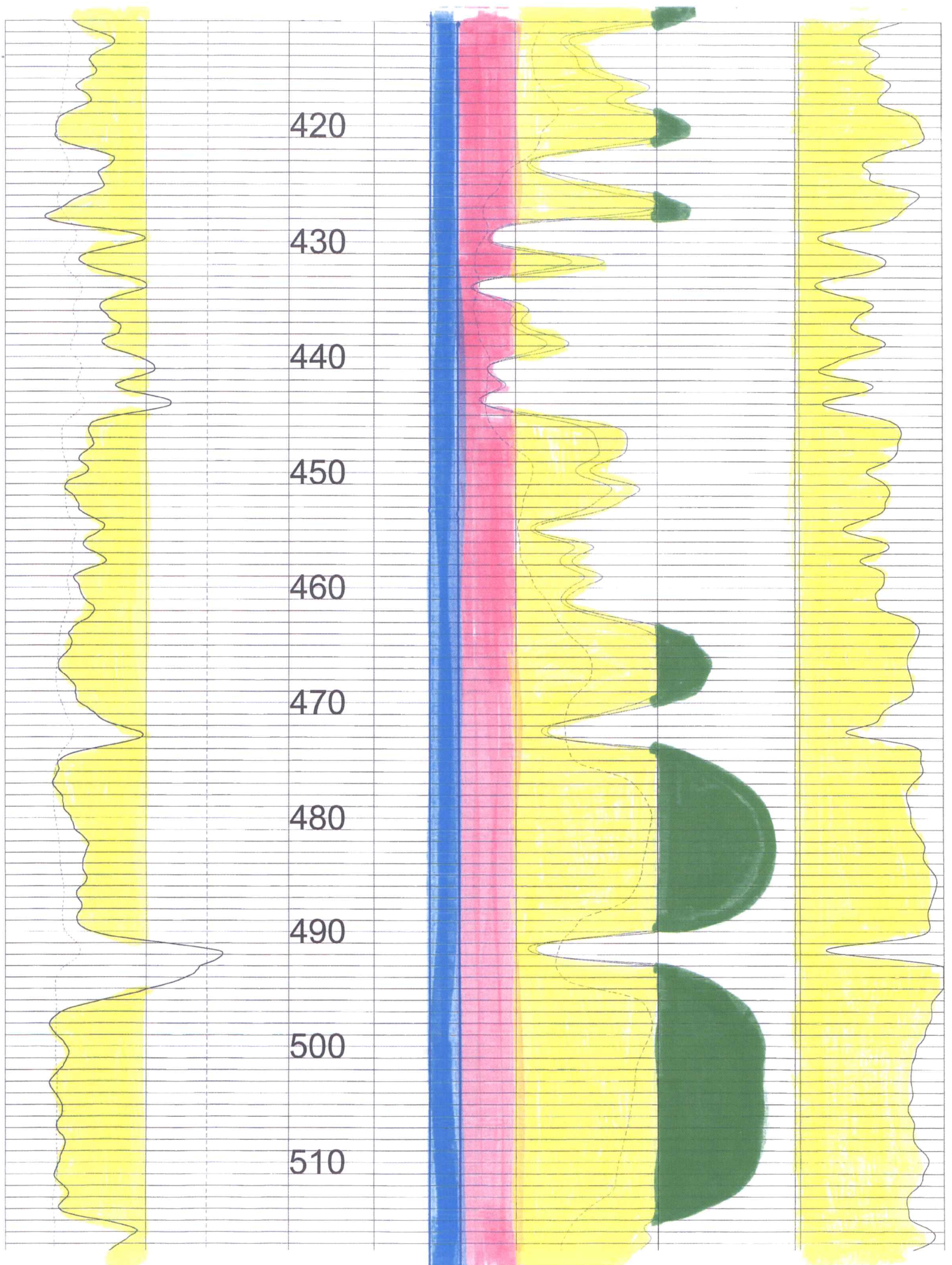
280

290

300

STATIC EST.





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
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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

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 blue ink that reads "Austin J. McColloch".

Austin J. McColloch
Assistant Water Commissioner

AM:
enclosures

pc:
GROUNDWATER MANAGEMENT DISTRICT NO. 3