

WATER RESOURCES RECEIVED

OCT 29 2024

0845

KS Dept. of Agriculture



# THE STATE OF KANSAS

**KANSAS DEPARTMENT OF AGRICULTURE**  
Mike Beam, Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
Earl D. Lewis Jr., Chief Engineer

File Number **51344**  
This item to be completed by the Division of Water Resources.

## APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application  
(Please refer to Fee Schedule attached to this application form.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,  
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): Mike and Megan Loreg  
Address: 16480 E. Bluff Street  
City: Cheney State KANSAS Zip Code 67025  
Telephone Number: (316) 644-4430

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in If Spring is not found, Solar/ Wind Powered Well will be installed. (drainage basin)

**S F NINNESCAH RIVER BASIN**

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources. **100** Raising quantity requested since pond size is not yet determined. Can reduce to correct quantity when working app.

10/29/2024  
KJN

3. The maximum quantity of water desired is 30 acre-feet OR \_\_\_\_\_ gallons per calendar year, to be diverted at a maximum rate of 40 gallons per minute OR \_\_\_\_\_ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use Intended):  
(a)  Artificial Recharge (b)  Irrigation (c)  Recreational (d)  Water Power  
(e)  Industrial (f)  Municipal (g)  Stockwatering (h)  Sediment Control  
(i)  Domestic (j)  Dewatering (k)  Hydraulic Dredging (l)  Fire Protection  
(m)  Thermal Exchange (n)  Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:	
F.O. <u>2</u> GMD <u>-</u> Meets K.A.R. 5-3-1 (YES/NO) Use <b>REC</b> Source <input type="checkbox"/> G/S County <b>KM</b> By <b>KJN</b> Date <b>10/29/24</b>	
Code <u>REG</u> Fee \$ <u>200</u> TR # _____ Receipt Date <u>10-29-24</u> Check # <u>1005</u>	



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5. The location of the proposed wells, pump sites or other works for diversion of water is:

**Note:** For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the ~~SW~~<sup>NE</sup> quarter of the ~~SE~~<sup>SE</sup> quarter of the ~~SW~~<sup>SW</sup> quarter of Section 36, more particularly described as being near a point 680 feet North and 2,685 feet West of the Southeast corner of said section, in Township 27 South, Range 5 East/~~West~~ (circle one), Kingman County, Kansas.
- (B) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (C) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (D) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

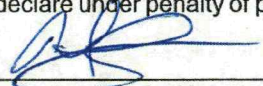
6. The owner of the point of diversion, if other than the applicant is (please print):

\_\_\_\_\_  
(name, address and telephone number)

\_\_\_\_\_  
(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on October 22nd, 2024.   
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of Possibly (1) Solar/ Wind Powered Well if no spring is found.  
(number of wells, pumps or dams, etc.)  
and (was)(will be) completed (by) 04/01/2025  
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be 03/01/2025  
(Mo/Day/Year)



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9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?  
 Yes  No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources?  Yes  No

- If yes, show the Water Structures permit number here \_\_\_\_\_
- If no, explain here why a Water Structures permit is not required \_\_\_\_\_  
We have applied with this application.  
\_\_\_\_\_

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

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- 13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from:  Test holes  Well as completed  Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	No information available at this time.			
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

- 14. The relationship of the applicant to the proposed place where the water will be used is that of Landowner  
(owner, tenant, agent or otherwise)

- 15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

\_\_\_\_\_ (name, address and telephone number)

\_\_\_\_\_ (name, address and telephone number)

- 16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Cheney, Kansas, this 22nd day of October, 2024.  
(month) (year)

\_\_\_\_\_  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by \_\_\_\_\_ Date: \_\_\_\_\_  
(office/title)



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## FEE SCHEDULE

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1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

### MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

#### ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

#### CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

**RECREATIONAL USE  
SUPPLEMENTAL SHEET**

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Name of Applicant (Please Print): Mike and Megan Loreg

1. Please indicate type of recreational use (boating, fishing, swimming, etc.): Private Family Use-  
Fishing, Swimming, Kayaking.

2. Please summarize how the water will be used and justify the quantity of water requested: \_\_\_\_\_  
We would like to use the water retained to build a sustainable fishing habitat for multiple  
species of fishing, including largemouth bass, catfish, crappie, carp, & perch. Per page 4 of  
the attached, Kansas State University/ KDWPT fishing pond guidebook, a suitable habitat for  
fishing ponds is between 2 and 5 acres in size and have a depth of 10-15 feet for at least 1/4  
of the impounded area. Also, to provide an adequate area for our recreational fun usage.

3. Please complete the following table showing estimated future water requirements:

<b>ESTIMATED FUTURE WATER DIVERTED/STORED</b>	
<b>NEXT 5 YEARS</b>	<b>WATER TO BE DIVERTED (ACRE-FEET OR GALLONS)</b>
Year 1	Approx: (75% Full) 23 Acre-Feet
Year 2	Approx (100% Full) 30 Acre-Feet
Year 3	Approx 30 Acre-Feet
Year 4	Approx 30 Acre-Feet
Year 5	Approx 30 Acre-Feet

Please attach any additional information, tables, or curves showing past, present and estimated future water requirements to substantiate the amount of water requested.

4. Please designate the legal description of the location where the water is to be used by providing the fractional part of the Section, Township and Range.

Lot 23, Horizon East, Subdivision of the SW/4 of Sec 36, Township 27 S, Range 5W  
of the 6th P.M., Kingman Co. Kansas

You may attach any additional information you believe will assist in informing the Division of the need for your request.



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STATE OF KANSAS, KINGMAN COUNTY, AS:  
THIS INSTRUMENT WAS FILED FOR RECORD ON  
AND DULY RECORDED IN

Book: DEED243 Page: 136

Pages Recorded: 2

SUSAN M HUBBELL  
REGISTER OF DEEDS

Recording Fee: \$38.00

*Juan Marshall*

Date Recorded: 6/17/2024 4:25:00 PM



ENTERED IN TRANSFER RECORD IN MY OFFICE  
THIS 17 DAY OF June A.D., 2024  
*Carol D. Deloit* COUNTY CLERK

MAIL TO:

Mike A. Loreg, IV and Megan C. Loreg

P.O. Box E

Cheney, KS 67025

### STATUTORY WARRANTY DEED

(Joint tenants with right of survivorship)

Anne C. Cordell, a single person and Elizabeth C. Cordell, a single person, Grantor, conveys and warrants to

Mike A. Loreg, IV and Megan C. Loreg, Grantee, as joint tenants with the rights of survivorship, and not as tenants in common, the following described premises, to-wit:

Lot Twenty-three (23), Horizon East, a Subdivision of the Southwest Quarter (SW/4) of Section Thirty-six (36), Township Twenty-seven (27) South, Range Five (5) West of the 6th P.M., Kingman County, Kansas.

For the sum of One Dollar and other good and valuable consideration.

Subject to: easements and restrictions of record, if any.

"Grantor" and "Grantee" are used for the singular or plural as context requires.

Executed to be effective as of June 13, 2024.

*Anne Cordell*  
\_\_\_\_\_  
Anne C. Cordell

*Elizabeth Cordell*  
\_\_\_\_\_  
Elizabeth C. Cordell

*JW*  
E-Recorded by Security 1st Title  
By: JULIE WAWWEBER  
Phone: 316-721-6500  
File #: 3008556



Security 1st Title | 3068556 | docs\_midwest/recordable\_docs/ks/ks\_deed\_all\_basic\_itr.html

Books: DEED243 Page: 136

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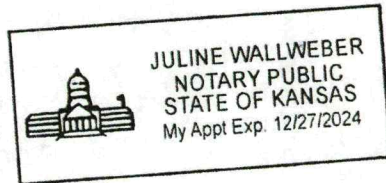
State of Kansas, County of Sedgwick) ss.

This instrument was acknowledged before me on June 13th, 2024 by Anne C. Cordell, a single person and Elizabeth C. Cordell, a single person.

My Commission Expires: 12/27/24

*Juline Wallweber*

Notary Public







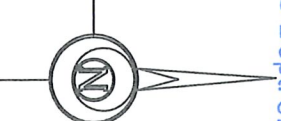


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EARTHWORK CUT/FILL QUANTITIES	
CUT	29,915 CU. YD.
FILL	19,300 CU. YD.
NET	10,615 (CUT) CU. YD.

ALL CUT & FILL QUANTITIES ARE 1:1 WITHOUT A FILL FACTOR APPLIED



BASIS OF BEARING = NAD 83 KANSAS SOUTH ZONE

- LEGEND**
- DIRECTION OF SURFACE DRAINAGE
  - SECTIONAL HEIGHT ROUND
  - SURVEY MONUMENT FOUND
  - POWER POLE
  - UNDERGROUND TELEPHONE FEDESTAL
  - WATER WELL
  - CALCULATED
  - PLATTED MEASUREMENT
  - BASE FLOOR ELEVATION
  - FINISH FLOOR ELEVATION
  - BASEMENT
  - F.L. EXISTING
  - F.L. PROPOSED
  - SITE BENCHMARK
  - DIRECTION OF SURFACE DRAINAGE
  - EXISTING SPOT ELEVATION
  - PROPOSED SPOT ELEVATION
  - EXISTING CONTOURS
  - PROPOSED CONTOURS

DESCRIPTION OF RECORD: (Book 241, Page 120) 03/29/2023  
 Lot 23, Horizon East, A Subdivision of the Southwest Quarter Section 35, Township 27 South, Range 5 West of the 6th Principal Meridian, in Kingman County, Kansas.

BASE FLOOD ELEVATION: 1434.1 (NAVD83)

MAP PANEL: 2005890038  
 EFFECTIVE DATE: 02/01/1990

NOTE: GRE is from Kansas Department of Geographical Information Resources Base Flood Elevation Determination.

MINIMUM PAD ELEVATION SUBJECT TO CURRENT FLOODPLAIN REGULATIONS	LOT	BLOCK	ELEVATION NAVD83
	23	N/A	1435.1

**FLOOD NOTE:**

According to Flood Insurance Rate Map No. 2005890038 (Effective Date: February 1, 1990) published by the Federal Emergency Management Agency, the property described above lies within ZONE "A", which is defined as "Areas with a 1% or greater annual chance of flooding (100-year floodplain). Hydraulic analysis not performed. Base flood elevations are shown. FEMA floodplain and regulatory floodway boundaries are subject to periodic change and such change may affect the intended land use within the subdivision."

**UDAR HORIZONTAL AND VERTICAL CONTROL:**

FILE BE 2018.14SP0065 (2018)  
 HORIZONTAL DATUM: North American Datum of 1983 (NAVD83)  
 VERTICAL DATUM: North American Vertical Datum of 1988 (NAVD88)  
 NOTE: Contours shown at 1' intervals.

**GENERAL NOTE:**

Contractor shall construct pad in compliance with FEMA Technical Bulletin 10-01 and any KDOT earthwork and seeding specifications.  
 The fill material must be compacted to at least 95 percent of Standard Laboratory Maximum Dry Density (Standard Proctor), or higher, as determined by the State Engineer or M.L. according to ASTM Standard D-2487. Classification of Soils for Engineering Purposes. See Table 1804.2 in the 2000 International Building Code (IBC) for descriptions of these soil types.

**BENCHMARK:**

OPUS-20190393:  
 5/8" Rebar with GSS Cap located 2,684.39 feet East and 1,255.41 feet South of the Northwest corner of the Southwest Quarter (SW ¼) Section 35, Township 27 South, Range 5 West of the 6th Principal Meridian in Kingman County, Kansas.  
 Elevation=1430.98 (NAVD88)

SEB1:  
 T-Post located ±329.6 feet North and ±4.8 feet East of the Southwest corner of Lot 23, Horizon East, a subdivision of the Southwest Quarter (SW ¼) Section 35, Township 27 South, Range 5 West of the 6th Principal Meridian, in Kingman County, Kansas.  
 Elevation=1432.45 (NAVD88)

**ZONING CLASSIFICATION:**

"R"-RURAL RESIDENTIAL DISTRICT

**INTENSITY OF USE REGULATIONS:**

A lot area of not less than five (5) acres is required.

**LOT COVERAGE:**

The principal building and accessory buildings shall not cover more than thirty (30) percent of the lot area.

**HEIGHT REGULATIONS:**

No building shall exceed thirty-five (35) feet in height, except as otherwise provided in article XXX.

**YARD REGULATIONS:**

1. **FRONT YARD:**
  - a. There shall be a front yard having a depth of not less than twenty-five (25) feet, except as required for utility or access streets in Article XXX.
  - b. The front yard shall have a double frontage, the required front yard shall be provided on both streets.
  - c. Where a lot is located at the intersection of two or more streets or roads, there shall be a front yard on each street side of a corner lot provided, however, that the building width of a single lot of record, as of the effective date of this resolution, shall not be reduced to less than thirty-five (35) feet. No accessory building shall project beyond the front yard line on either street.
2. **SIDE YARD:** Except as hereinafter required in the additional height area, and use regulations, there shall be a side yard having a depth of not less than ten (10) feet on the side of the lot with a minimum of eight (8) feet on each side of the principal building.
3. **REAR YARD:** There shall be a rear yard having a depth of not less than twenty (25) feet.

The above information was obtained from Article XIII of the Kingman County, Kansas Zoning Regulations, Resolution No. 2007-38, Effective Date: October 5, 2007  
 This data should be verified before any improvements are made by contacting the Kingman County Planning & Zoning Department. (620-532-2256)

**SURVEYOR'S CERTIFICATE:**  
 I hereby certify this plot to be a true, correct and complete representation of the property described hereon, as surveyed under my supervision, this 18th day of October, 2024.

**PREPARED BY:** MICHAEL E. GARBER  
 SURVEYOR  
 10/18/2024  
 KINGMAN, KANSAS

**RECORDING PURPOSES OR INSTRUMENTATION:**  
 10/18/2024  
 KINGMAN, KANSAS

**SITE PLAN**  
 Description: LOT 23, HORIZON EAST KINGMAN COUNTY, KANSAS

Prepared By: **Garber Surveying Service, P.A.**  
 HUTCHINSON  
 3908 North Pine St. #302  
 (Main Office)  
 BRANCH OFFICES: MANITATUN Ph. 785-330-4410  
 McPHERSON Ph. 620-241-4411  
 STILTS Ph. 785-404-4302  
 WICHITA Ph. 316-696-9933

Drawn By: JAK  
 Scale: 1"=40'  
 Date: 07/19/2024  
 Sheet 1 of 2 Sheets

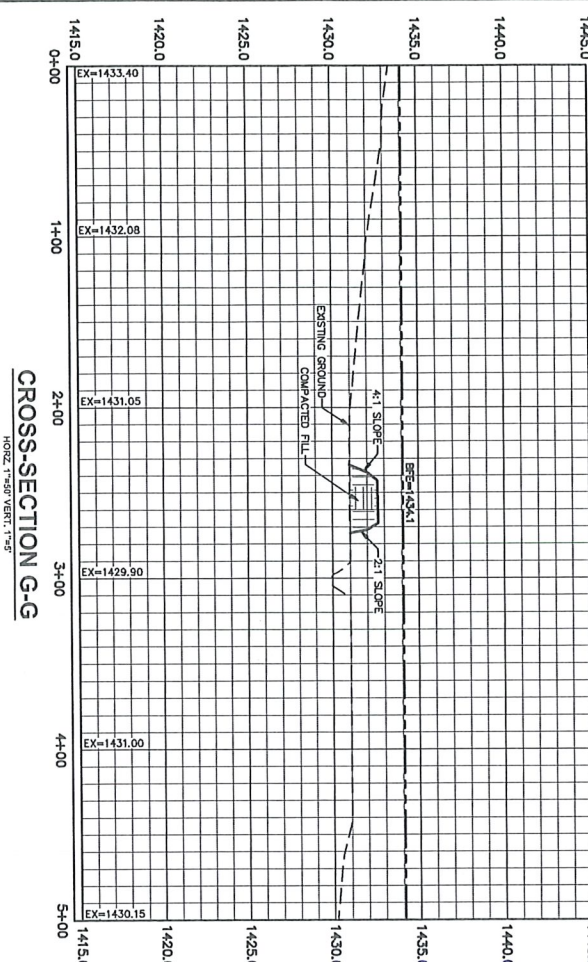
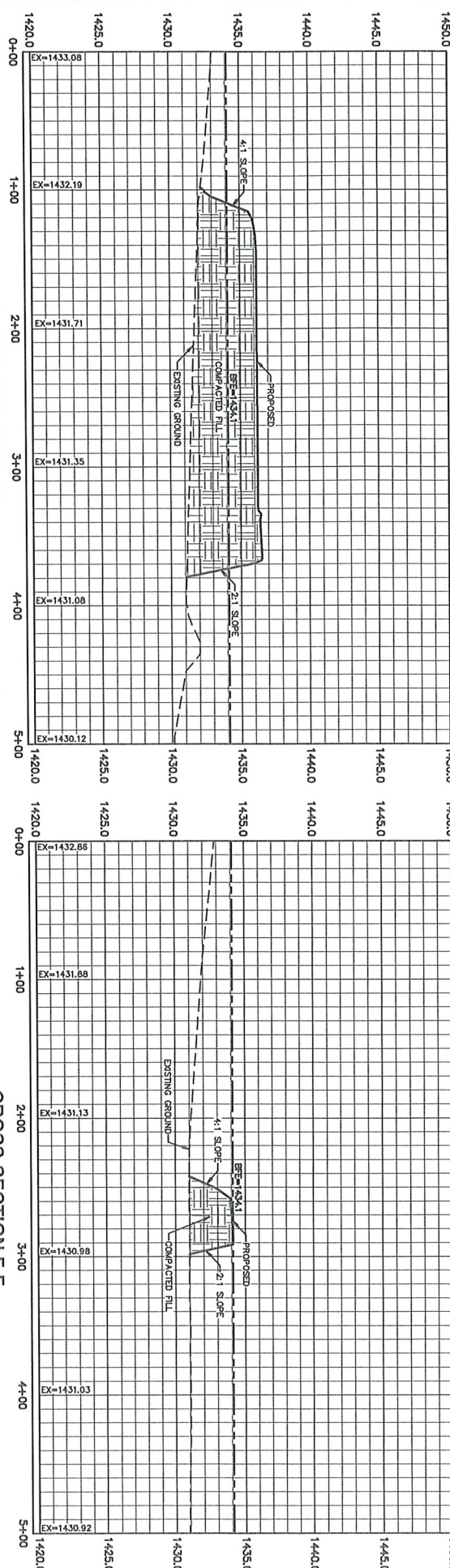
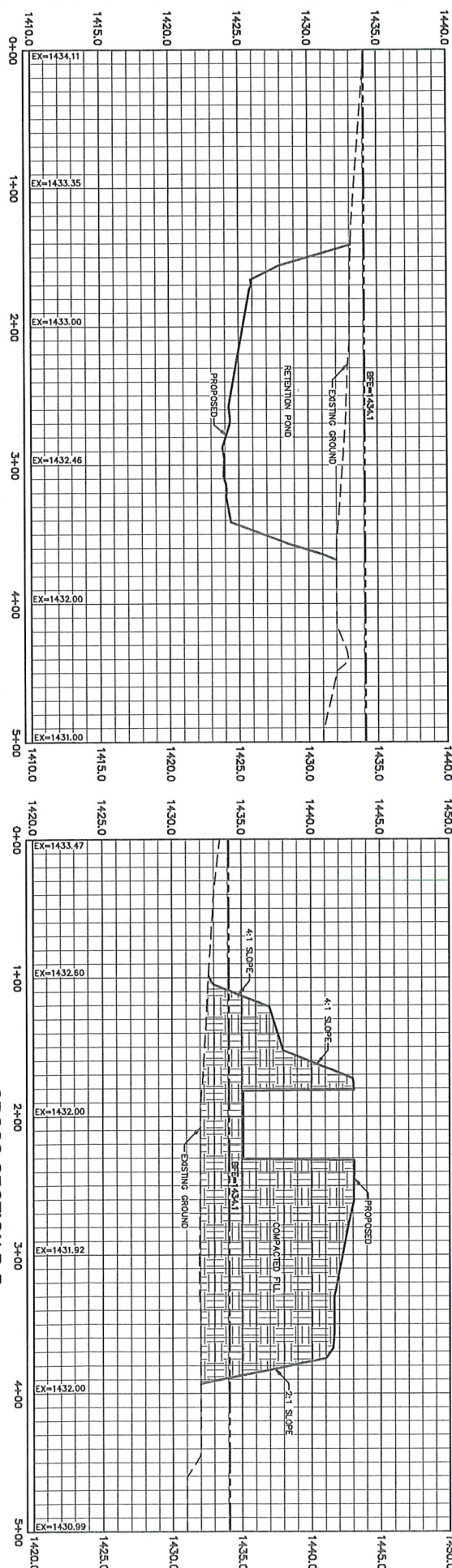
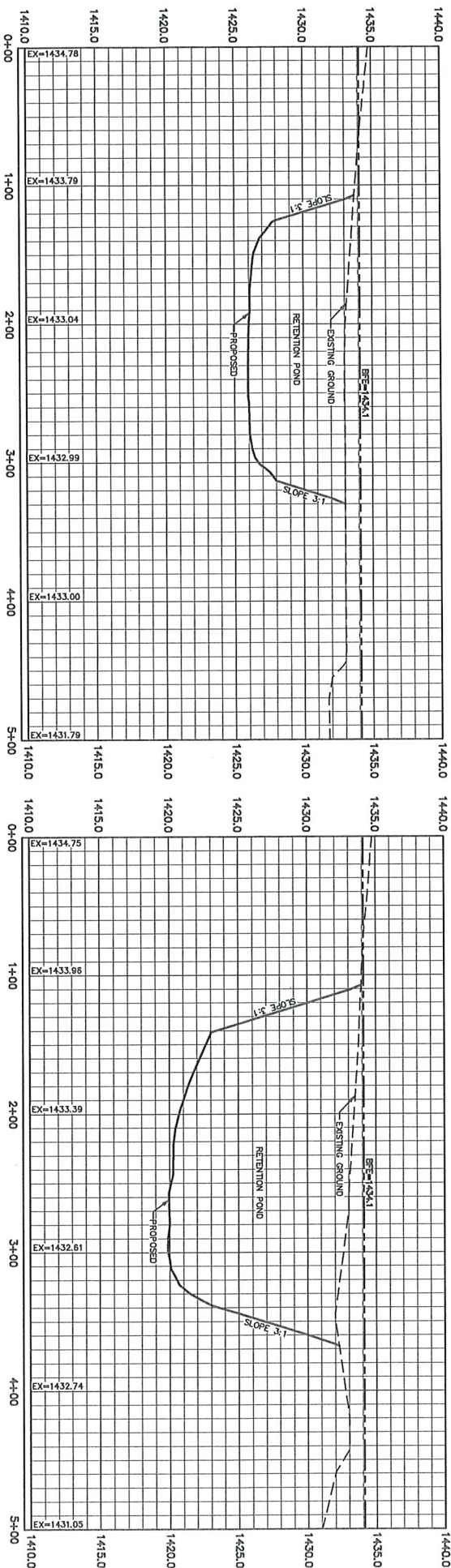
Job No: G2024-501





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**SURVEYOR'S CERTIFICATE:**  
I hereby certify this plot to be a true, correct and complete representation of the property described herein, as surveyed under my supervision, this 23rd day of September, 2024.

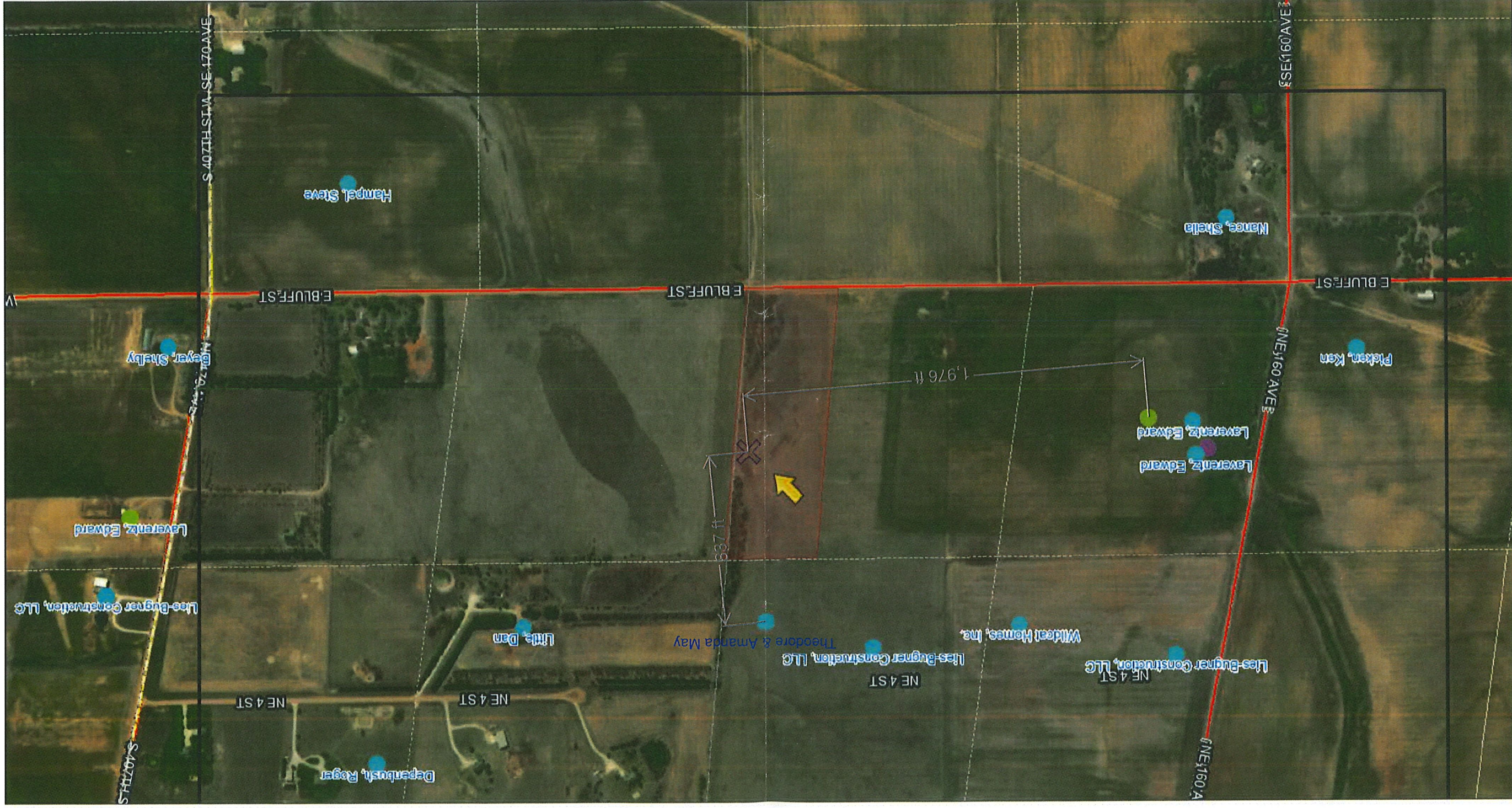
**PRELIMINARY, NOT FOR CONSTRUCTION,  
RECORDING PURPOSES OR IMPLEMENTATION,  
09/23/2024**

**SITE PLAN**

Prepared For:	MIKE LOREG	Description:	LOT 23, HORIZON EAST KINGMAN COUNTY, KANSAS
Prepared By:	GARBER SURVEYING SERVICE, P.A.	BRANSON OFFICES:	BRANSON, MO. 65616-4411
Drawn By:	JAK	MANICATTIN:	MANICATTIN, MO. 65630-4410
Checked By:	DEG	NEPPERSON:	NEPPERSON, MO. 65631-4411
Date:	07/19/2024	STILANI:	STILANI, MO. 785-0645802
Scale:		WRIGHT:	WRIGHT, MO. 316-206-9933
Date of Field Work:	April 24, 2024	Job No.:	G2024-501
Sheet 2 of 2 Sheets			



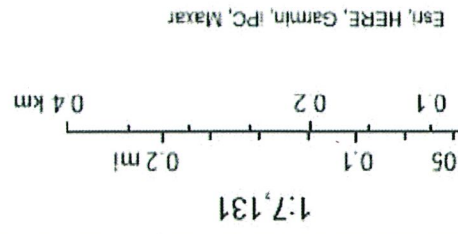
# Kansas Geological Survey - Water Well Vicinity Map



10/22/2024, 4:33:58 PM

- General Type
- Requires Rights
- Geothermal

OBJECTID	KGS Record ID	Owner	Driller	County	Status	Use	Depth (ft)	Elevation (ft)	Static Water Level (ft)	Estimated Yield (gpm)	Completion Date	WELL TYPE CATEGORY
7928283	32102	Big Springs Drig, Inc.	Kelly's Water Well Service, Inc.	Kingman	Constructed	Oil Field Water Supply	115			40	6/24/1977	Requires Rights
7928282	110792	Depenbusch, Roger	Craig Roberts Co.	Kingman	Constructed	Domestic	69			23	10/20/1996	Domestic
7780990	305418	Nance, Sheila	Craig Roberts Co.	Kingman	Constructed	Domestic	56			7	5/29/1999	Domestic
7917160	309222	Cohley, Gary	Harp Well & Pump Service, Inc.	Kingman	Constructed	Domestic	100			25	11/9/1999	Domestic
7674856	412506	Picken, Ken	Curtis J. Weninger Irrigation	Kingman	Constructed	Domestic, Lawn and Garden	50			8	3/25/2008	Domestic
7854213	457165	Little, Dan		Kingman	Constructed	Domestic, Lawn and Garden	90				3/5/2012	Domestic
7693671	550719	Hampel, Steve		Kingman	Constructed	Domestic, Lawn and Garden	80				7/23/2021	Domestic
7913727	1054782018	Lavrenz, Edward		Kingman	Constructed	Domestic, Lawn and Garden	100				6/6/2024	Domestic
7823934	1054846490	Lavrenz, Edward		Kingman	Constructed	Domestic	100				5/9/2024	Domestic
7639321	1054866776	Lies-Bugner Construction, LLC		Kingman	Constructed	Domestic	100				4/25/2024	Domestic
7820031	1054891895	Premier Pump & Well Svc #238		Kingman	Constructed	Domestic	101				5/23/2024	Domestic
7854402	1055028880	Wildcat Homes, Inc.		Kingman	Constructed	Domestic	100	1,443		19	5/3/2024	Domestic



1:7,131







WATER RESOURCES RECEIVED

OCT 29 2024

KS Dept. of Agriculture

FINAL PLAT  
**HORIZON EAST**  
 SUBDIVISION OF THE SOUTHWEST QUARTER SECTION 36, TOWNSHIP 27 SOUTH,  
 RANGE 5 WEST OF THE 6TH PRINCIPAL MERIDIAN, IN KINGMAN COUNTY, KANSAS.

COUNTY REVIEW SURVEYOR'S CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KANSAS } SS  
 Reviewed in accordance with K.S.A. 58-2005 on this \_\_\_ day of \_\_\_\_\_, 2022.

LAND SURVEYOR'S CERTIFICATE AND DESCRIPTION  
 I, the undersigned, professional land surveyor of the State of Kansas, do hereby certify that the following described tract of land was surveyed on September 21, 2022 and the accompanying final plat prepared and that all monuments shown herein actually exist and their positions are correctly shown to the best of my knowledge and belief.  
 The Southwest Quarter of Section 36, Township 27 South, Range 5 West of the 6th Principal Meridian in Kingman County, Kansas.



PLANNING COMMISSION CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 This plat of "HORIZON EAST", a subdivision of a portion of the Southwest Quarter of Section 36, Township 27 South, Range 5 West of the 6th Principal Meridian in Kingman County, Kansas, has been submitted to and approved by the Kingman County Planning Commission.  
 Dated this \_\_\_ day of \_\_\_\_\_, 2022.

By \_\_\_\_\_, Chair  
 Gary Hess  
 ATTEST:  
 \_\_\_\_\_, Secretary  
 Stan Goetz

OWNER'S CERTIFICATE AND DEDICATION  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 This is to certify that the undersigned, owner of the land described in the Surveyor's Certificate, has caused the same to be surveyed and subdivided on the accompanying plat into Lots, Blocks, and Streets under the name of "HORIZON EAST", a subdivision of a portion of the Southwest Quarter of Section 36, Township 27 South, Range 5 West of the 6th Principal Meridian, in Kingman County, Kansas; that all easements and public rights-of-way as denoted on the plat are hereby dedicated to and for the use of the public for the purpose of constructing, operating, maintaining and repairing public improvements; and further that the land contained herein is held and shall be conveyed subject to any applicable restrictions, reservations, and covenants now on file or hereafter filed in the Office of the Register of Deeds of Kingman County, Kansas.

COMMUNITY NATIONAL BANK, CUSTODIAN  
 EDWARD AND BARBARA LAVERENTZ  
 FBO EDWARD LAVERENTZ IRA  
 Jenny Helman, Sr. Vice President  
 Edward Laverentz, Owner  
 Barbara Laverentz, Owner

GOVERNING BODY CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Kingman County, Kansas this \_\_\_ day of \_\_\_\_\_, 2022.

Chairman  
 Fred Foley, District 1  
 ATTEST:  
 Carol Nobilt  
 County Clerk

EASEMENTS:  
 All easements shown on this plat, unless specified as private, are hereby dedicated to the public, the rights-of-way of which are shown as dashed lines on the accompanying plat, and said easements may be employed in perpetuity as a covenant running with the land for the purpose of installing, repairing, reinstalling, replacing and maintaining sewers, water lines, gas lines, electric lines and poles, telephone lines and poles and other forms and types of public utilities now or hereafter generally utilized by the public.

STREETS:  
 Streets shown on this plat and not heretofore dedicated to the public are hereby so dedicated.

NOTARY CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 BE IT REMEMBERED:  
 That on this \_\_\_ day of \_\_\_\_\_, 20\_\_\_ A.D., before me, the undersigned, a notary public in and for the county and state aforesaid, came Jenny Helman, Sr. Vice President, Community National Bank, Custodian FBO Edward Laverentz IRA, who is known to me to be the same person who executed the foregoing plat and the within instrument of writing.

IN TESTIMONY WHEREOF:  
 I have hereunto set my hand and affixed my Notarial Seal the day and year last mentioned above.  
 My Commission Expires: \_\_\_\_\_  
 \_\_\_\_\_, Notary Public

NOTARY CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 BE IT REMEMBERED:  
 That on this \_\_\_ day of \_\_\_\_\_, 20\_\_\_ A.D., before me, the undersigned, a notary public in and for the county and state aforesaid, came Edward & Barbara Laverentz who are known to me to be the same persons who executed the foregoing plat and the within instrument of writing.

IN TESTIMONY WHEREOF:  
 I have hereunto set my hand and affixed my Notarial Seal the day and year last mentioned above.  
 My Commission Expires: \_\_\_\_\_  
 \_\_\_\_\_, Notary Public

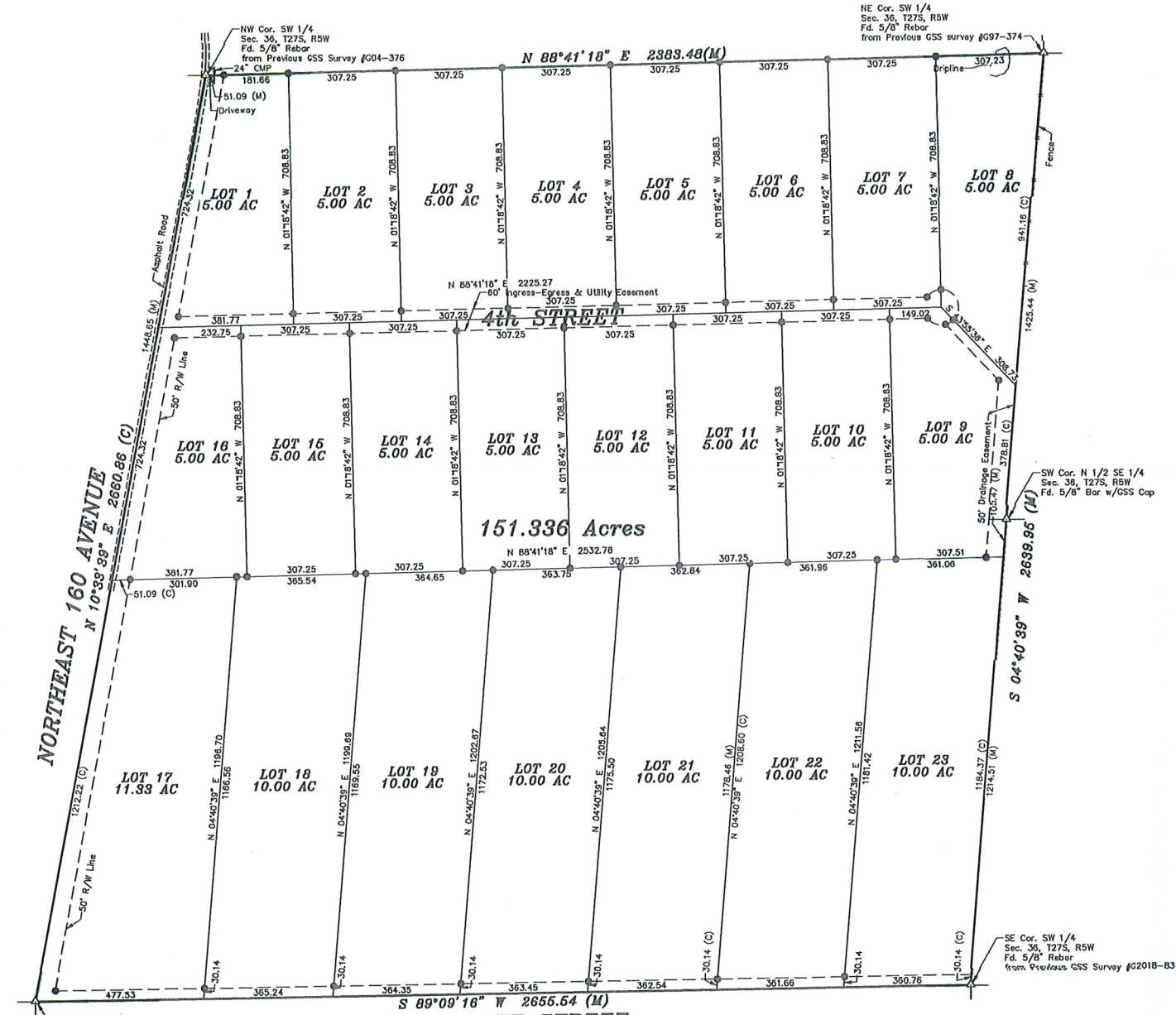
BENCHMARKS:  
 OPUS:  
 5/8" Rebar with GSS Cop located 2684.39 feet East and 1255.41 feet South of the Northeast corner of the Southwest Quarter of Section 36, Township 27 South, Range 5 West of the 6th Principal Meridian in Kingman County.  
 Elevation=1430.6

FLOOD NOTE:  
 According to Flood Insurance Rate Map No. 200589003A (do not use) issued by the Federal Emergency Management Agency, the properly described above lies determined to be outside the 0.2% annual chance floodplain.

REGISTER OF DEEDS CERTIFICATE  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 This is to certify that this instrument was filed for record in the Register of Deeds Office at \_\_\_\_\_ m. on this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, in Book \_\_\_, Page \_\_\_.

Susan Hubbell  
 Register of Deeds

TRANSFER OF RECORD  
 STATE OF KANSAS }  
 COUNTY OF KINGMAN } SS  
 Entered on transfer record on this \_\_\_ day of \_\_\_\_\_, 2022.  
 Carol Nobilt  
 County Clerk

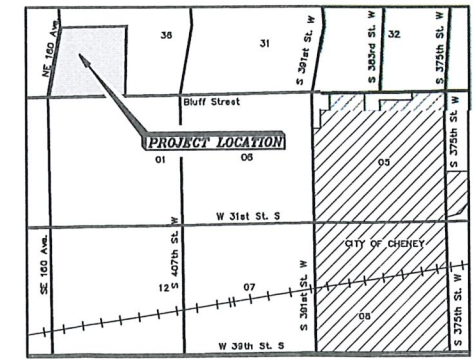


SW Cor. SW 1/4  
 Sec. 36, T27S, R5W  
 Fd. 5/8" Rebar  
 from Previous GSS Survey #02015-569

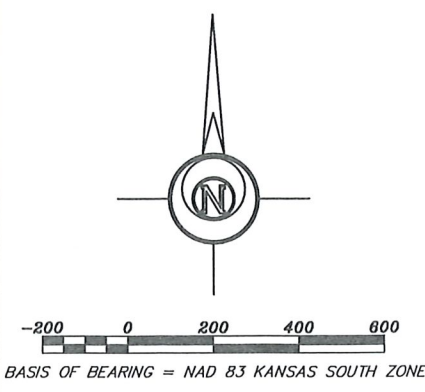
SE Cor. SW 1/4  
 Sec. 36, T27S, R5W  
 Fd. 5/8" Rebar  
 from Previous GSS Survey #02018-834

LEGEND  
 Δ - Sectional Monument Found  
 ⊙ - 5/8" x 24" Iron Rebar Sat w/G.S.S. Cop  
 - - - - - Fence  
 (C) - Calculated  
 (M) - Measured  
 CLOSURE TABLE  
 NORTHING: 0.00142  
 EASTING: 0.00508  
 PRECISION: 10,132,827/0.0057 = 1:195,091.1,32  
 OWNER/SUBDIVIDER:  
 EDWARD & BARBARA LAVERENTZ  
 2120 SOUTH 343RD STREET  
 CHENEY, KANSAS 67025  
 (316) 980-5088

SURVEYOR:  
 DANIEL E. GARBEL  
 GARBEL SURVEYING SERVICE, P.A.  
 9008 NORTH FLUM STREET  
 HUTCHINSON, KANSAS 67502  
 (620) 665-7032



CHENEY, KANSAS  
 VICINITY MAP  
 (NOT DRAWN TO SCALE)



BASIS OF BEARING = NAD 83 KANSAS SOUTH ZONE



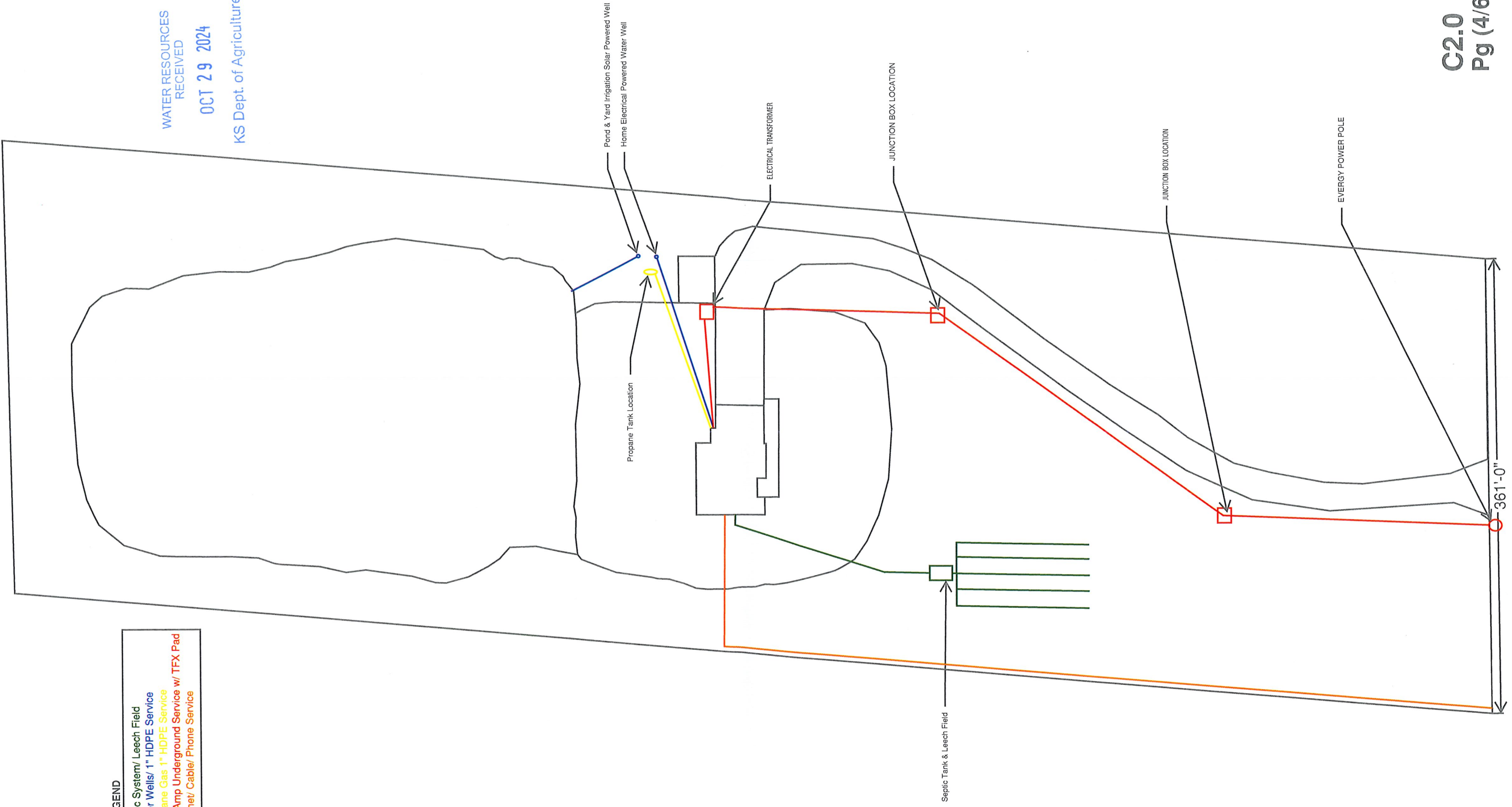
**SITE PLAN LEGEND**

- Septic System/ Leach Field
- Water Wells/ 1" HDPE Service
- Propane Gas 1" HDPE Service
- 200 Amp Underground Service w/ TFX Pad
- Internet/ Cable/ Phone Service

WATER RESOURCES  
RECEIVED

OCT 29 2024

KS Dept. of Agriculture



**From:** Engelbrecht, Jessica [KDA]  
**Sent:** Wed 10/23/2024 8:54 AM  
**To:** Neuhauser, Kris [KDA]  
**Subject:** FW: Floodplain Fill Application for 16480 E Bluff St, Cheney, KS  
**Attachments:** DWR Appropriate Water Permit Application.pdf, Kansas Geological Survey - Water Well Vicinity Map.PDF, Recreational Use Supplemental.pdf, Lot Layout and Utilities Plan.pdf, Grading Plan.pdf

Hey, I sent this to Kristen and Ken earlier and haven't heard a response. Krista Sylvester in structures said I should check with you. Any chance you could write this one up?

## Jessica

---

**From:** Engelbrecht, Jessica [KDA]  
**Sent:** Wednesday, October 23, 2024 8:06 AM  
**To:** Baum, Kristen [KDA] <Kristen.Baum@ks.gov>; Kopp, Kenneth [KDA] <Kenneth.Kopp@ks.gov>  
**Subject:** FW: Floodplain Fill Application for 16480 E Bluff St, Cheney, KS

Would there be anyone up there that could write a new app?  
I'm sure everyone up there is really busy, but this is exactly the kind of application I've screwed up several times in the past.  
I was trying to hold this guy off until Daniel came back, but that was before he changed his leave plans.  
The applicant tried to write his own application, but it needs a lot of help.

Please let me know either way so I can get on this if no one up there is available.

Thanks!

## Jessica

---

**From:** Mike Loreg <[mloreg4@gmail.com](mailto:mloreg4@gmail.com)>  
**Sent:** Wednesday, October 23, 2024 7:29 AM  
**To:** Engelbrecht, Jessica [KDA] <[Jessica.Engelbrecht@ks.gov](mailto:Jessica.Engelbrecht@ks.gov)>  
**Subject:** Re: Floodplain Fill Application for 16480 E Bluff St, Cheney, KS

**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.

Good Morning Ma'am!

My apologies for the delays. I was waiting on further information but I believe we got everything squared away. It seems that the Engineer believes that a majority of the water will need to come from a well. There may be some run off of course as it rains, but we dont get much of that lately.. For the point of diversion, it will be on the South East Corner of the pond, as located on the attached site plan. If you believe we need to move this closer to the SE corner of the property, or even into the flood plain to get more flow, that would be fine too. We can run more pipe. As it sits right now, it is outside of the flood plain area. We will expect to find high drainage soil in this area, so we will plan to line the pond with a clay/ bentonite mixture to seal up the bottom. The attached, filled out permits are attached for your review. Also, a map of the current water wells with the owners name is attached for our file as well.

I believe Krista Sylvester and Janelle Phillips's team is now able to proceed with the flood plain fill application and they have stated the only thing they lack is this permit. I will let them know it has now been submitted. Can I pay for this with a card over the phone or do I need to send a check? I appreciate all of your help with this project and look forward to getting started! If you need anything else from my end or have further questions, please let me know. Thank you!



--

Thanks,

Mike Loreg  
(316) 644-4430

---

**From:** Mike Loreg [mloreg4@gmail.com](mailto:mloreg4@gmail.com)  
**Sent:** Wednesday, October 9, 2024 11:23 AM  
**To:** Engelbrecht, Jessica [KDA] [Jessica.Engelbrecht@ks.gov](mailto:Jessica.Engelbrecht@ks.gov)  
**Subject:** Re: Floodplain Fill Application for 16480 E Bluff St, Cheney, KS

**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.

Good Morning,

Would you or Daniel be available for a phone call sometime in the near future? I have a few updates on the project and would just like to talk through everything to make sure I am getting the appropriate information down on the permit application(s).

We have not yet dug a test hole, but plan to in the very near future. It appears at this point we will need to plan on filling the pond with groundwater/ well water and adding bentonite/ clay to the bottom of the pond to achieve retention. However, there is a pond currently on the development about 300 yards to the North that seems to be holding water fine without a well throughout this drought and hot summer. It is certainly low, but holds water. The top 6-7ft of the bank appears to be a sandy mixture and then turns to clay. I believe our test hole dig will test us a lot more. The point of diversion (where the well is located) would be on the Southeast Corner of the Pond, as shown on the attached Site Utilities Plan. The below questions are from Garber Surveying to the Engineer providing the Hydro Analysis for the Grading Plan and Floodplain Fill Application. *The Red Replies are from the Engineer.*

- **Water Appropriation Method**

- Should he utilize groundwater (by filling with a well or digging into the groundwater table) or surface water (via runoff) to maintain the pond's water level? **My guess would be that he would have to install a well to pump groundwater for this pond. This is the surest way to perfect (achieve the requested amount) water rights in the state of KS.**
- Is there anywhere we can look up approximate groundwater levels for this area to help aid him in making this decision or can this only be determined from sampling the site via a test hole or geotechnical testing? **There isn't a great system for documenting groundwater levels because they can vary so much mile by mile. The only sure way is to dig a test hole and manually measure the water levels. My educated guess would be 10-12' to water, but it could be higher or lower depending on local irrigation, rainfall, Cheney Reservoir's Vicinity.**

- **Pond Liner**

- Is there anywhere we can research or look up what the soil type could potentially be in this area to help determine if a liner will be necessary? Once the soil type is determined how would we go about determining if a liner will be necessary, is this dependent on clay content or some other factor? **It appears there is some clay in the region, but the area where the development is located is defined as "well drained" in our system so I would expect bentonite or salt/ clay bedding would need to be added into the soil to create a water feature.**

- **Point of Diversion**

- Since the proposed pond is theorized to be placed near the flowline of the existing channel then the point of diversion would be the most upstream point of the pond if utilizing surface water, correct? If utilizing groundwater it would be the location of the well? If utilizing surface water would any type of structure be required at the point of diversion or at any other locations around the pond? Pipe, spillway, diversion canal, dam, etc? **Correct, the well would be the point of diversion if using groundwater. The owner may have better firsthand experience, but my guess is that in a rainstorm most of the water flows North and East of the property. Even the channel in the trees doesn't seem to get very much water in a rain event. The proposed pond is also at the upstream end of the watershed so the amount of diversion from surface water would not be a trustworthy source for a permanent retention pond.**

- **Pond Storage Volume and the Rate of Discharge**

- It is my understanding that the pond will be approximately 14 feet in depth when filled and will maintain a surface elevation of +/- 1432 before discharging into the existing channel at the southeast corner of the pond. Holding this 1432 contour, the storage volume of the pond would be +/-16.5 Acre-Feet. I am not well educated in all of the nuances that go along with the drainage and hydraulic design requirements for something like this, am I missing anything important? Water quality, sediment control, etc? I am not sure how to calculate what the rate of discharge would be for this. I am assuming that this more technical analysis of the pond has been included in the hydraulic analysis you are working on? If not please advise what it would take to come up with these values. **A surprising amount of water will be lost to evaporation and seepage into the soil for this pond. If the owner wants us to analyze these values we can, but it is a little more complicated. A standard overflow levee would be fine for this pond, but I have my doubts that it will be used very frequently if ever.**

Thanks,

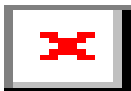
**Jason Karam, CFM**

**Floodplain Manager**

Garber Surveying Service | [www.garbersurveying.com](http://www.garbersurveying.com)

2908 North Plum Street | Hutchinson, KS 67502

Phone: (620) 665-7032 | Fax: (620) 663-7401



--

Thanks,

Mike Loreg

(316) 644-4430



1320 Research Park Drive  
Manhattan, KS 66502  
785-564-6700  
www. agriculture.ks.gov



900 SW Jackson, Room 456  
Topeka, KS 66612  
785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

November 7, 2024

MIKE AND MEGAN LOREG  
16480 E BLUFF STREET  
CHENEY KS 67025

RE: Application, File No(s). **51344**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application(s) and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application(s) is unlawful.

Additional information about the process may be found on our website at [agriculture.ks.gov/divisions-programs/dwr](http://agriculture.ks.gov/divisions-programs/dwr). If you have any other questions, please contact our office at 785-564-6640 or your local Stafford Field Office at 620-234-5311. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kris Neuhauser  
New Applications Lead  
Water Appropriation Program