

# 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.

THE STATE



OF KANSAS

5/22/2023, 2:48 PM

Water Resources  
Received

KS Dept Of Agriculture

KANSAS DEPARTMENT OF AGRICULTURE  
Mike Beam, Secretary of Agriculture

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

File Number **50849**

This item to be completed by 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:

**ZENITH PROJECT, LLC  
1801 Forman Drive  
Pipestone, Minnesota 56164  
507-825-4211**

2. The source of water is:

surface water in \_\_\_\_\_  
(stream)

OR

groundwater in the Little Arkansas drainage 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.

3. The maximum quantity of water desired is 22.25 acre feet OR 7,251,455 gallons per calendar year, to be diverted at a maximum rate of 99 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 under than 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)  Stock watering
- (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		Meets K.A.R. 5-3-	<input type="checkbox"/>	(Yes/No)	Use	<u>STK</u>	Source G/S County	<u>RC</u>	By	<u>ALB</u>	Date	<u>5/23/23</u>
Code	<u>REG</u>	Fee \$	<u>200</u>	TR#		Receipt Date	<u>5/22/23</u>	Check #	<u>35081</u>					

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

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**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.

FOUR (4) WELLS (Proposed as a Battery)

- (A) One well in the NW quarter of the SE quarter of the SE quarter of Section 14, more particularly described as being near a point 803 feet North and 778 feet West of the Southeast corner of said section, in Township 18 South, Range 7 (East/West) of Rice County, Kansas.
- (B) One well in the NE quarter of the SE quarter of the SE quarter of Section 14, more particularly described as being near a point 363 feet North and 769 feet West of the Southeast corner of said section, in Township 18 South, Range 7 (East/West) of Rice County, Kansas.
- (C) One well in the SW quarter of the SE quarter of the SE quarter of Section 14, more particularly described as being near a point 799 feet North and 359 feet West of the Southeast corner of said section, in Township 18 South, Range 7 (East/West) of Rice County, Kansas.
- (D) One well in the SE quarter of the SE quarter of the SE quarter of Section 14, more particularly described as being near a point 349 feet North and 363 feet West of the Southeast corner of said section, in Township 18 South, Range 7 (East/West) of Rice County, Kansas.

**GEO CENTER** in the SE quarter of the SE quarter of the SE quarter of Section 14, more particularly described as being near a point 578 feet North and 567 feet West of the Southeast corner of said section, in Township 18 South, Range 7 (East/West) of Rice 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 (4) 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 (2) or more wells connected to a common pump by a manifold, or not more than four (4) 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):  
SAME as APPLICANT

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 as 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 May 8, 2023

\_\_\_\_\_  
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 Four (4) Wells (number of wells, pumps or dams, etc.) and are not completed.
- 8. The first actual application of water for the proposed beneficial use will be June 1, 2023.

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9. Will pesticide, fertilizer or other foreign substance be injected into the water pumped from the diversion works:

Yes       No

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 application for a permit for construction of this dam and reservoir with the Division of Water Resources?

Yes       No       N/A

- If yes, show the Water Structures permit number here.
- If no, explain here why a Water Structures permit is not required.

11. The application must be supplemented by a USGS topographic map, aerial photograph or a detailed plan 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 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of the section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within one-half (½) 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 one-half (½) mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) one-half (½) mile downstream and one-half (½) 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 minutes USGS 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.

42236-00

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 #	(A) Well 1.23	(B) Well 2.23	(C) Well 3.23	(D) Well 4.23
Date Drilled	3/20/2023	5/1/2023	3/15/2023	3/21/2023
Total Depth of Well	115	115	120	120
Depth to Water Bearing Formation	40	34	41	35
Depth to Static Water Level	40	34	41	35
Depth to Bottom of Pump Intake Pipe	N/A	N/A	N/A	N/A

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14. The relationship of the applicant to the proposed place where the water will be used is that of:

Owner       Tenant       Agent       Other \_\_\_\_\_

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

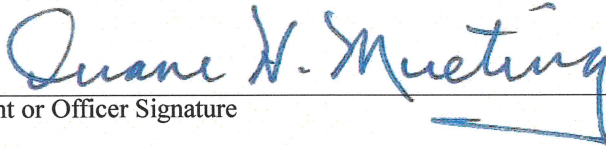
Applicant is the Owner.

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 Seneca, Kansas, this 8<sup>th</sup> day of May, 2023

\_\_\_\_\_  
Applicant Signature

By



\_\_\_\_\_  
Agent or Officer Signature

Duane H. Mueting, P.E., P.L.S., Agent

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

Assisted By:

Duane H. Mueting, P.E., P.L.S.  
Mueting Engineering  
612 Community Drive  
Seneca, Kansas 66538  
785-334-6044 / 785-336-1390 (Cell)  
[mueting-eng@rainbowtel.net](mailto:mueting-eng@rainbowtel.net)

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FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph #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 paragraph #1 or paragraph #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 the 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.

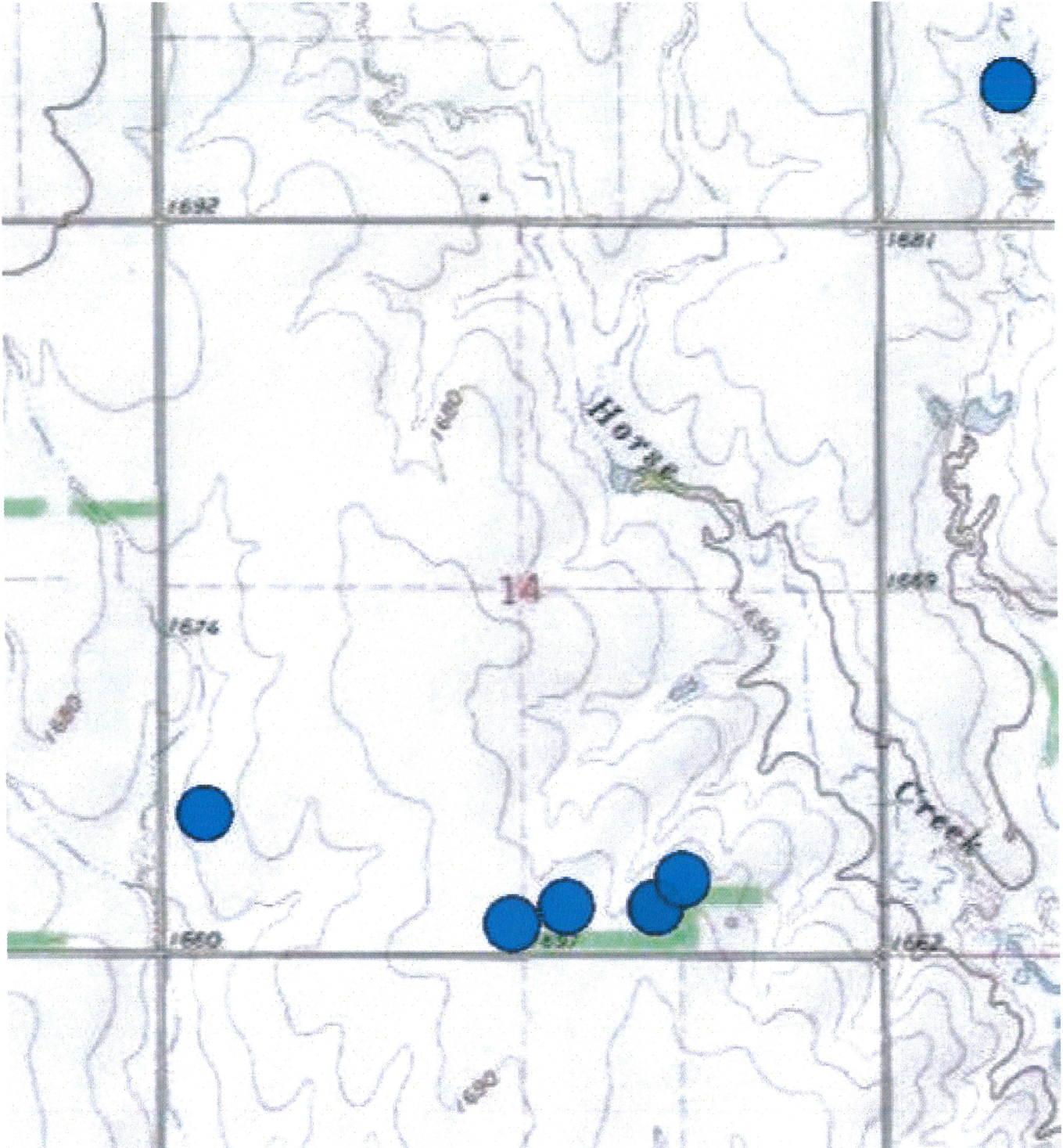
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**ZENITH PROJECT, LLC**

SE¼ of Section 14, Township 18 South, Range 7 West  
Rice County, Kansas



NOTE: No other non-owned wells exist within one-half (½) mile of the proposed wells.

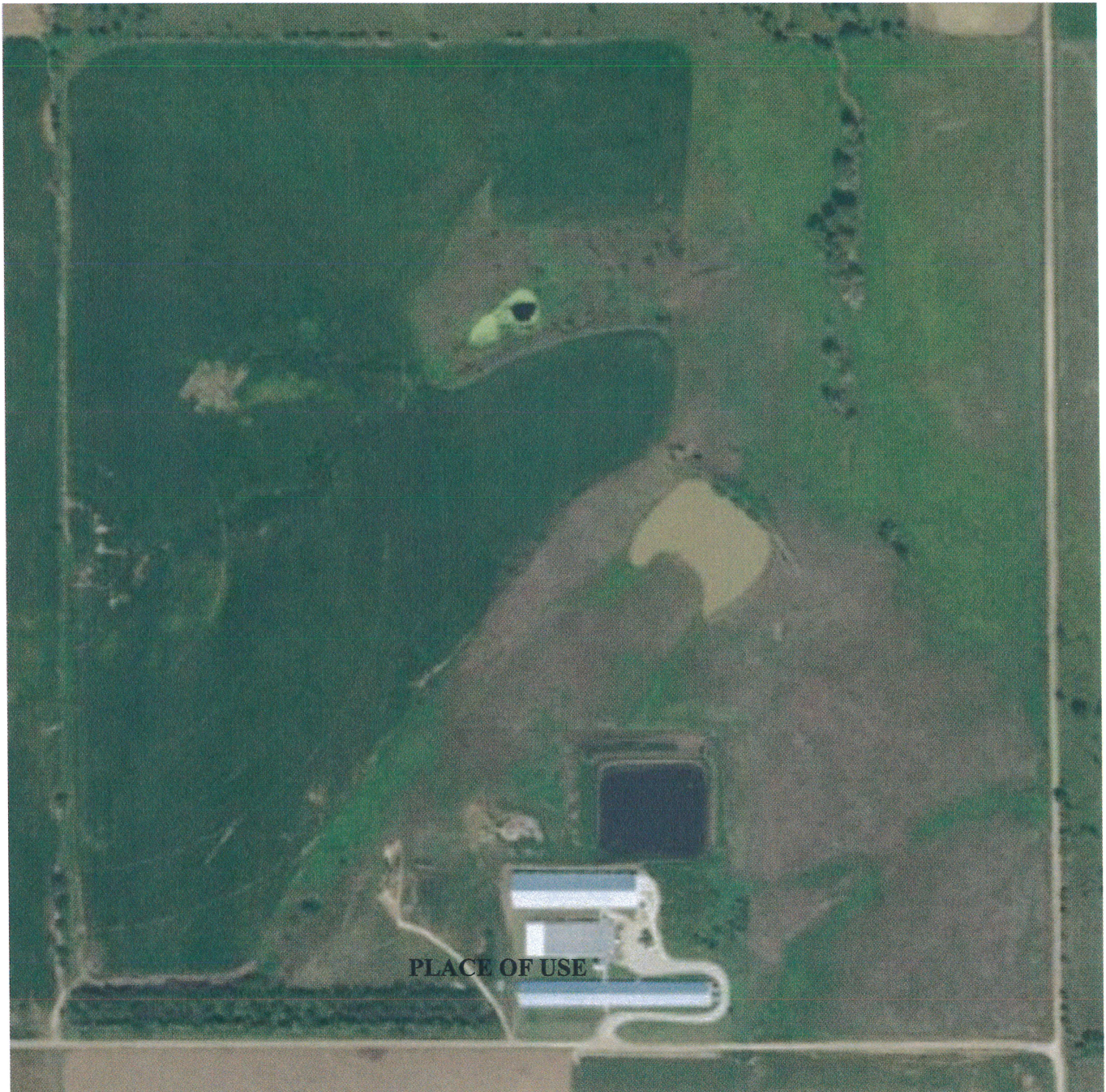
5/22/2023

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**ZENITH PROJECT, LLC**

KS Dept Of Agriculture

SE¼ of Section 14, Township 18 South, Range 7 West  
Rice County, Kansas





**WATER WELL RECORD (WWC-5)**

**DRAFT**

NW  
1.23

Original Record  Correction  Change in Well Use

**LOCATION OF WATER WELL**

Latitude	38.48056	Longitude	-98.05614	Section	14	Township	18	Range	7	<input type="checkbox"/> E <input checked="" type="checkbox"/> W	Fraction	NW ¼ SE ¼ SE ¼
Datum	NAD83	Elevation	1673	County	Rice							

**WATER WELL OWNER**

Name	
Business	Zenith Project LLC
Address	2375 Ave D Geneseo KS 67444
Well location	From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR
<input type="checkbox"/> at owner's address	

**WELL WATER USE**

Domestic Livestock/Pasture

**COMPLETION**

Depth of completed well: 115 ft.  
 Depth(s) groundwater encountered:  
 (1) \_\_\_\_\_ ft.; (2) \_\_\_\_\_ ft.;  
 (3) \_\_\_\_\_ ft.; (4)  dry well

Static water level in well: 40 ft.  
 measured below land surface on (mm/dd/yy): 03/20/2023  
 measured above land surface on (mm/dd/yy): \_\_\_\_\_

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: Other (please specify)

Distance from well: 60 Direction from well: W

Source description: Lagoon

Source: \_\_\_\_\_  
 Distance from well: \_\_\_\_\_ Direction from well: \_\_\_\_\_  
 Source description: \_\_\_\_\_

No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from <u>0</u> to <u>115</u> ft.	Borehole diameter: <u>10</u> in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: <u>20</u> in.	
If casing height is less than 12 in. has a variance been approved?* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No *variance not required for monitoring or environmental remediation wells	
Casing type: <u>ThermalPlastic</u>	
Blank casing interval: <u>0</u> ft. to <u>55</u> ft.	
Blank casing diameter: <u>5</u> in.	
Casing joints: <u>Glued</u>	
Weight: <u>160</u> lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: <u>0</u> ft. to <u>23</u> ft.	
Grout material: <u>Bentonite</u>	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: <u>PVC</u>	
Screen / perforation openings: <u>Mill slot</u>	
Screen / perforation intervals: From <u>55</u> ft. to <u>115</u> ft.	
Slot size _____ unit	
From _____ ft. to _____ ft.	
Slot size _____ unit	
Gravel pack intervals: Gravel pack not used: <input type="checkbox"/> Gravel size _____ in	
From <u>23</u> ft. to <u>115</u> ft.	
Gravel pack not used: <input type="checkbox"/> Gravel size _____ in	
From _____ ft. to _____ ft.	

Estimated yield: \_\_\_\_\_ gpm  
 Water level was: \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Pump installed?  Yes  No

Water well disinfected?  Yes  No  
 Date disinfected (mm/dd/yy): \_\_\_\_\_

Aquifer, if known: \_\_\_\_\_

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: \_\_\_\_\_  
 KDHE / EPA Project Code: \_\_\_\_\_  
 Site Name: \_\_\_\_\_  
 KDHE UIC Class V Form Completed:  Yes  No  
 County Permit:  Yes  No Permit ID: \_\_\_\_\_  
 Lease Name & Well #: \_\_\_\_\_  
 # of boreholes: \_\_\_\_\_ # of dewatering wells: \_\_\_\_\_

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS
Attach	Attach	Attached
		<u>5/22/2023</u>
		<u>Water Resources Received</u>
		<u>KS Dept Of Agriculture</u>

**COMMENTS**

\_\_\_\_\_

**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was constructed  reconstructed  pursuant to the stated water well contractor's license and was completed on 03/20/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on \_\_\_\_\_ under the business name of Rosencrantz-Bemis Ent., Inc., Kansas Water Well Contractor's License No. 134 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Greg Dodson.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

# DRAFT

Form	WWC5.2 - Water Well Record
Doc ID	1710227
Well Owner	Zenith Project LLC
Contractor	Rosencrantz-Bemis Ent., Inc.

## Lithology

From	To	Lithology Intervals
0	3	topsoil
3	10	clay, other, Yellow
10	15	clay, Yellow
15	50	shale, slightly weathered, gray
50	65	shale, unweathered, gray
65	80	sandstone, unweathered
80	95	shale, unweathered, gray
95	107	shale, unweathered, gray, strks of sandstone
107	115	shale, unweathered, gray

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Water Resources  
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WATER WELL RECORD (WWC-5)

DRAFT

Constructed

KOLAR DOC ID 1712430

WELL ID NE 2.23

Original Record [ ] Correction [ ] Change in Well Use [ ]

LOCATION OF WATER WELL

Table with location details: Latitude 38.48054, Longitude -98.05546, Section 14, Township 18, Range 7, Fraction NE 1/4 SE 1/4 SE 1/4, Datum NAD83, Elevation 1669, County Rice.

WATER WELL OWNER

Owner information: Name, Business (Zenith Project), Address (2375 Ave D, Geneseo KS 67444), Well location (From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR).

WELL WATER USE

Domestic Livestock/Pasture

COMPLETION

Completion details: Depth of completed well: 115 ft., Static water level in well: 34 ft., measured below land surface on 05/01/2023.

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Contamination source information: Source, Distance from well, Direction from well, Source description.

CONSTRUCTION

Construction details: Borehole interval (0 to 115 ft), Casing height (30 in), Casing type (ThermalPlastic), Grout interval (0 to 23 ft), Screen/perforation material (PVC).

PERMIT & ID NUMBERS (AS REQUIRED)

Permit information: DWR Application No., KDHE / EPA Project Code, Site Name, County Permit, Lease Name & Well #.

LITHOLOGIC LOG

Lithologic log table with columns: FROM, TO, LITHOLOGY INTERVALS. Includes date 5/22/2023 and agency Water Resources Received, KS Dept Of Agriculture.

COMMENTS

Comments section for additional notes.

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

Certification text: This water well was constructed [ ] reconstructed [ ] pursuant to the stated water well contractor's license and was completed on 05/01/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on [ ] under the business name of Rosencrantz-Bemis Ent., Inc., Kansas Water Well Contractor's License No. 134 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Greg Dodson.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

# DRAFT

Form	WWC5.2 - Water Well Record
Doc ID	1712430
Well Owner	Zenith Project
Contractor	Rosencrantz-Bemis Ent., Inc.

## Lithology

From	To	Lithology Intervals
0	3	topsoil
3	8	clay, Yellow
8	10	sandstone, slightly weathered
10	11	shale, slightly weathered, red
11	42	shale, slightly weathered, gray
42	44	sandstone, unweathered
44	50	shale, unweathered, gray
50	58	sandstone, unweathered
58	68	shale, unweathered, gray
68	75	shale, unweathered, gray
75	76	iron formation, unweathered
76	115	shale, unweathered, gray

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WATER WELL RECORD (WWC-5)

DRAFT

Original Record  Correction  Change in Well Use  SOLAR DOC ID 1710222 WELL ID 3.23

LOCATION OF WATER WELL

Table with location details: Latitude 38.47939, Longitude -98.05614, Section 14, Township 18, Range 7, Fraction SW 1/4 SE 1/4 SE 1/4, Datum NAD83, Elevation 1671, County Rice.

WATER WELL OWNER

Owner information: Name, Business (Zenith Project LLC), Address (2375 Ave D, Geneseo KS 67444), Well location (From 22nd Rd and 56th Hwy. 7N (Ave D), 2E, NSR).

WELL WATER USE

Domestic Livestock/Pasture

COMPLETION

Completion details: Depth of completed well: 120 ft., Static water level in well: 41 ft., Date disinfected: 03/15/2023.

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: Other (please specify), Distance from well: 70, Direction from well: W, Source description: Lagoon.

CONSTRUCTION

Construction details: Borehole interval (0 to 120 ft), Borehole diameter (10 in), Casing type (ThermalPlastic), Grout material (Bentonite), Screen / perforation material (PVC).

PERMIT & ID NUMBERS (AS REQUIRED)

Permit information: DWR Application No., KDHE / EPA Project Code, Site Name, County Permit, Lease Name & Well #.

LITHOLOGIC LOG

Lithologic log table with columns: FROM, TO, LITHOLOGY INTERVALS. Includes date 5/22/2023 and agency KS Dept Of Agriculture.

COMMENTS

Comments section for additional notes.

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

Certification statement: This water well was constructed/reconstructed pursuant to the stated water well contractor's license and was completed on 03/15/2023. Signed by Greg Dodson.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

# DRAFT

Form	WWC5.2 - Water Well Record
Doc ID	1710222
Well Owner	Zenith Project LLC
Contractor	Rosencrantz-Bemis Ent., Inc.

## Lithology

From	To	Lithology Intervals
0	3	topsoil
3	18	clay,other, Yellow clay
18	25	clay,gray
25	60	shale,slightly weathered,gray
60	72	sandstone,unweathered
72	76	shale,slightly weathered,gray
76	90	shale,slightly weathered,gray
90	93	other,unweathered,Iron pyrite/gray shale mix
93	120	shale,unweathered,gray

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**WATER WELL RECORD (WWC-5)**

**DRAFT**

SE  
4.23

Original Record  Correction  Change in Well Use

**LOCATION OF WATER WELL**

Latitude	38.47943	Longitude	-98.05454	Section	14	Township	18	Range	7	<input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W	Fraction	SE ¼ SE ¼ SE ¼
Datum	NAD83	Elevation	1666	County	Rice							

**WATER WELL OWNER**

Name	
Business	Zenith Project
Address	2375 Ave D Geneseo KS 67444
Well location	From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR
<input type="checkbox"/> at owner's address	

**WELL WATER USE**

Domestic Livestock/Pasture

**COMPLETION**

Depth of completed well: 120 ft.  
 Depth(s) groundwater encountered:  
 (1) \_\_\_\_\_ ft.; (2) \_\_\_\_\_ ft.;  
 (3) \_\_\_\_\_ ft.; (4)  dry well

Static water level in well: 35 ft.  
 measured below land surface on (mm/dd/yy): 03/21/2023  
 measured above land surface on (mm/dd/yy): \_\_\_\_\_

Estimated yield: \_\_\_\_\_ gpm  
 Water level was: \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Pump installed?  Yes  No

Water well disinfected?  Yes  No  
 Date disinfected (mm/dd/yy): \_\_\_\_\_

Aquifer, if known: \_\_\_\_\_

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: \_\_\_\_\_  
 Distance from well: \_\_\_\_\_ Direction from well: \_\_\_\_\_  
 Source description: \_\_\_\_\_

Source: \_\_\_\_\_  
 Distance from well: \_\_\_\_\_ Direction from well: \_\_\_\_\_  
 Source description: \_\_\_\_\_

No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
Casing height above land surface: <u>20</u> ft. If casing height is less than 12 in. has a variance been approved?* <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No *variance not required for monitoring or environmental remediation wells	
Casing type: <u>ThermalPlastic</u>	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: <u>PVC</u>	
Screen / perforation openings: <u>Mill slot</u>	
Screen / perforation intervals: From _____ ft. to _____ ft. Slot size _____ unit _____	
From _____ ft. to _____ ft. Slot size _____ unit _____	
Gravel pack intervals: Gravel pack not used: <input type="checkbox"/> Gravel size _____ in From _____ ft. to _____ ft.	
Gravel pack not used: <input type="checkbox"/> Gravel size _____ in From _____ ft. to _____ ft.	

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: \_\_\_\_\_  
 KDHE / EPA Project Code: \_\_\_\_\_  
 Site Name: \_\_\_\_\_  
 KDHE UIC Class V Form Completed:  Yes  No  
 County Permit:  Yes  No Permit ID: \_\_\_\_\_  
 Lease Name & Well #: \_\_\_\_\_  
 # of boreholes: \_\_\_\_\_ # of dewatering wells: \_\_\_\_\_

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS
2	12	clay, Yellow
45	57	shale, unweathered, gray
57	68	sandstone, unweathered
68	85	shale, unweathered, gray, strks of sandstone
85	120	shale, unweathered, gray

5/22/2023  
Water Resources Received  
KS Dept Of Agriculture

**COMMENTS**

\_\_\_\_\_

**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was constructed  reconstructed  pursuant to the stated water well contractor's license and was completed on 03/21/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on \_\_\_\_\_ under the business name of Rosencrantz-Bemis Ent., Inc., Kansas Water Well Contractor's License No. 134 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Greg Dodson.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

ZENITH PROJECT, LLC  
2023 Wells



NW Well (1.23)

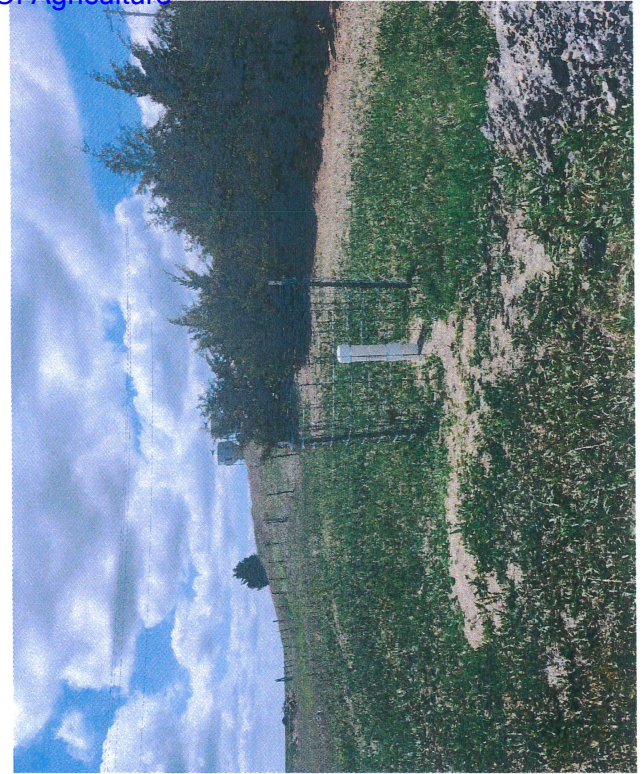


NE Well (2.23)

5/22/2023

Water Resources  
Received

KS Dept Of Agriculture



SW Well (3.23)



SE Well (4.23)