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



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

OF KANSAS

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 ____

П

(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 <u>22.25</u> acre feet OR <u>7.251.455</u> gallons per calendar year, to be diverted at a maximum rate of <u>99</u> 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 <u>NOT</u> 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 <u>MUST</u> 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.OGMD	Meets K.A.R. 5-3-1 (Yes/No)	Use STK	Source G/S County RC	By ALB Date 5/23/28
Code <u>REG</u>	Fee \$ _ 200 TI	R#	Receipt Date <u>5/22/23</u>	Check #

Water Resources Received

- 5. The location of the proposed wells, pump sites or other works for diversion of water is:
 - KS Dept Of Agriculture
 - 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 <u>NW</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>14</u>, more particularly described as being near a point <u>803</u> feet North and <u>778</u> feet West of the Southeast corner of said section, in Township <u>18</u> South, Range <u>7</u> (East/<u>West</u>) of <u>Rice</u> County, Kansas.
- (B) One well in the <u>NE</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>14</u>, more particularly described as being near a point <u>363</u> feet North and <u>769</u> feet West of the Southeast corner of said section, in Township<u>18</u> South, Range<u>7</u> (East/West) of <u>Rice</u> County, Kansas.
- (C) One well in the <u>SW</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>14</u>, more particularly described as being near a point <u>799</u> feet North and <u>359</u> feet West of the Southeast corner of said section, in Township<u>18</u> South, Range <u>7</u> (East/West) of <u>Rice</u> County, Kansas.
- (D) One well in the <u>SE</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>14</u>, more particularly described as being near a point <u>349</u> feet North and <u>363</u> feet West of the Southeast corner of said section, in Township<u>18</u> South, Range <u>7</u> (East/West) of <u>Rice</u> County, Kansas.
- GEO CENTER in the <u>SE</u> quarter of the <u>SE</u> quarter of the <u>SE</u> quarter of Section <u>14</u>, more particularly described as being near a point <u>578</u> feet North and <u>567</u> feet West of the Southeast corner of said section, in Township<u>18</u> South, Range<u>7</u> (East/West) of <u>Rice</u> 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 ($\frac{1}{4}$) 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 minuted 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

<u>The applicant must provide the required information or signature irrespective of whether they are the landowner</u>. 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 <u>Four (4) Wells</u> (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 <u>June 1, 2023</u>.

Water Resources Received Will pesticide, fertilizer or other foreign substance be injected into the water pumped from the diversion works:

□ Yes ⊠ No

9.

KS Dept Of Agriculture

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?

 \Box Yes \Box No \boxtimes 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 <u>must</u> 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

5/22/2023, 2:49 PM

Water Resources Received

KS Dept Of Agriculture

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

 \boxtimes Owner \Box Tenant \Box Agent

 \Box 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 8th day of May, 2023

Applicant Signature

By

Mueting 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

5/22/2023

Water Resources Received

KS Dept Of Agriculture

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:

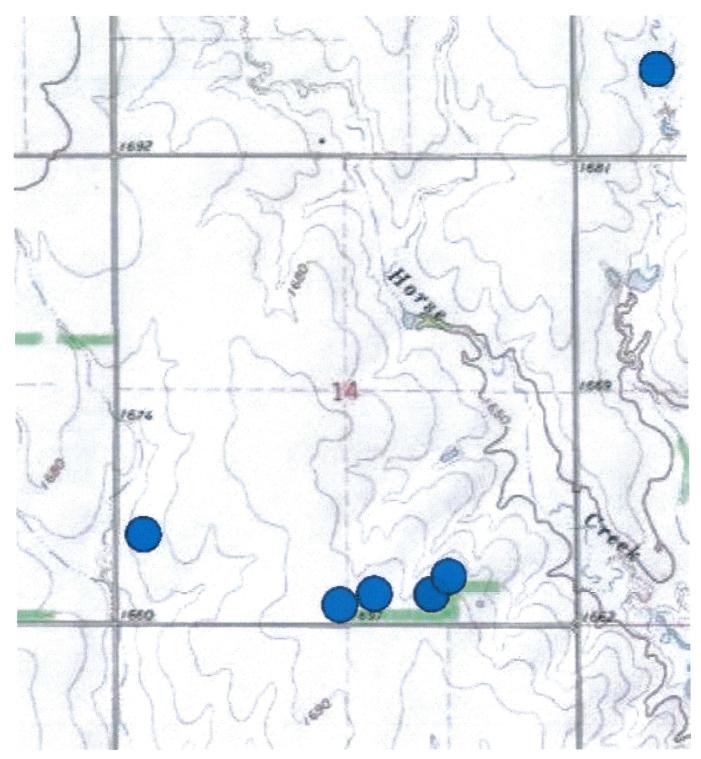
A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b and c may also be required from you. After the Division of Water Resources has had the 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.

Water Resources Received

ZENITH PROJECT, LLC

KS Dept Of Agriculture

SE¹/₄ of Section 14, Township 18 South, Range 7 West Rice County, Kansas



NOTE: No other non-owned wells exist within one-half $(\frac{1}{2})$ mile of the proposed wells.

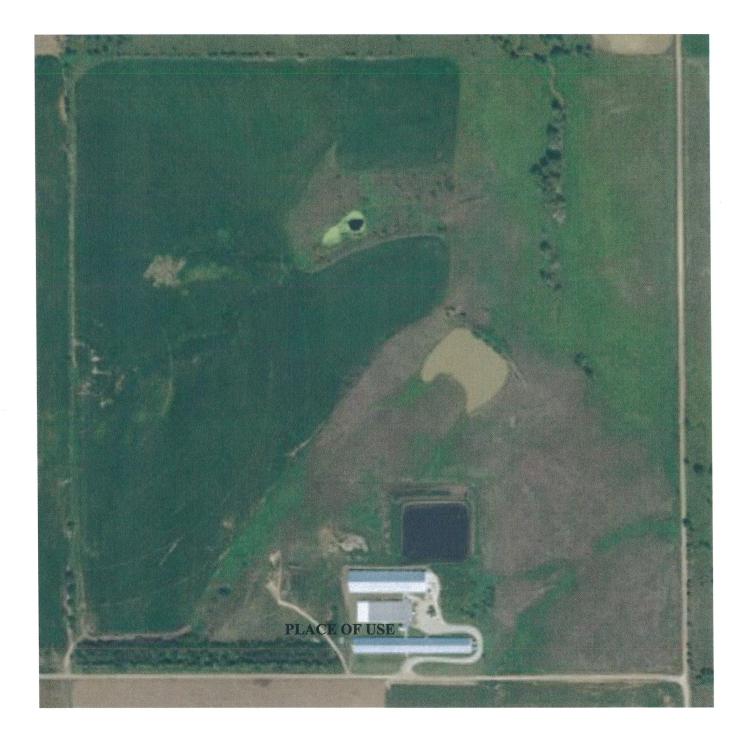
5/22/2023

Water Resources Received

KS Dept Of Agriculture

ZENITH PROJECT, LLC

SE¹/₄ of Section 14, Township 18 South, Range 7 West Rice County, Kansas



CATION OF WATER WELL

OCATION OF V	WATER WELL	1.20.00	1	and the	1.55		1246126	10			NW 1/4	CE.	14 / CF	1/4
Latitude 3	38.48056	Longitude	-98.056	1999 - 19 1997 - 19		14	Township	18	Range	7 \bigvee_{W}^{LE} Fraction	IN VV -4	SE	74 SE	74
Datum	NAD83	Elevation	1673	Cou	inty I	Rice					manual design			
ATER WELL O	WNER			WELL WAT	ERUS	E				NEAREST SOURCE O			TAMINA	TION
Name				Domesti	c Lives	stock	/Pasture			Source: Other (pl				
Business Zenith Project LLC				COMPLET	ION					Distance from well:60	Dire	ction well:	W	
2375 Ave D			Depth of	comple	ted w	vell:		115 _{ft.}						
Address	Genese		67444				r encountered		~	Source description: Lagoo	m			
				-	-		ft.;			Source:				
Well location From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR			th Hwy.] dry well				D:	ection		
	/IN(AVE D	<i>)</i> , 21, 1000		Static wat	er leve	linw	vell: 40	ft.		from well:	from	1 well:		
at owner's address							and surface			Source description:	\$			
address					m/dd/			03/20	/2023	Put Annihi de la companya de la comp		tomina	tion	
ONSTRUCTIO	N	-p					and surface			No potential so within 100 feet.		amma	1011	
Borehole inter		Borehole di		on (n	m/dd/	yy):				PERMIT & ID NUME	ERS (AS R	EQUIR	ED)	
from 0 to	115 ft.		10 in.			C. C	gpm							
from to	ft.		in.	Water lev	vel was:		ft. after		hours	DWR Application				
Casing height	above land su						pumping		gpm	KDHE / EPA Proje				
If casing h	eight is less th	nan 12 in.		Pump in	stalled	? 🗆 Y	Yes 🗸 No			Site Name: KDHE UIC Class				
	ance been app			Water well disinfected? Yes No										
*variance	not required f nmental reme	for monitorin diation wells	g				n/dd/yy):			County Permit: Yes No Permit ID: Lease Name & Well #:				
Casing type:_	Ther	malPlastic		Date dis			II/ dd/ } / /			# of boreholes:				
Blank casing i	nterval:	0 ft. to	55 ft.	Aquifer,	if knov	vn:				# 01 001cHoles.	# 01 dd	watern	ig wens.	
Blank casing o				LITHOLO	GIC LC	G								
Casing joi	ints:	Glued		FROM	т	C	LITHOLOGY	INTER	VALS					
Weight:	160 n	os/ft.		Attach	Atta	ache	Attached							
	cness or gauge													
Blank casing	interval:	ft. to	ft.											
Blank casing	diameter:	in.								5/22	/2023			
	ints:												<u>.</u>	
Weight:	1									V	Vater Re		rces	
Wall thick	kness or gaug	e no.:									Recei	vea		
Grout interva	al: 0 ft.	to 23 ft.								KSI	Dept Of	Agri	cultur	0
Grout ma	aterial: Be	entonite	-								Jopt Of	/ gri	cuntur	Č
Grout interva	al: ft.	toft.		COMME	NTS		Construction of the second			deserve and the second s		A second second second	and a second	Chainin
Grout ma	aterial:		-	Comme										
		. D	VC											
Screen / perf			ll slot	CONTR	ACTOP				RTIFICATI	ON				
-	oration openi		11 5100							structed pursual	nt to the st	ated w	ater wel	1
Screen / perf	55 ft. to 1			Inis w	ater w	1. 1.	as construc		records	03/20/2023 . I certi	fy that this	record	d is true	to
	uni te uni			1 1						er well record was co Rosencrantz-Bemis	Ent Inc	.1		
	ft. to						ess name of _					C 1	1 .	
Gravel pack	intervals:									134 under th				
· ·	ack not used:	Gravel eiz	e in	perso	n as de	fined	d in K.A.R. 2	8-30-2		gned and certified by	the electro	onic sig	gnature	of tl
	23 ft. to		· III				on at its subm			reg Dodson	e			
	ack not used:		in in	Send on	e copy	to WA	ATER WELL O	OWNEF	and retain	one for your records. Fe	e of \$5.00 fo	or each	construc	ted
Graverp	ack not used:						KANSAS	S DEPAI	RTMENT O	F HEALTH AND ENVI	CONMENT			

____ ft. to _____ ft. From

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

NW

DCRRuct A FIGURA DOCID 1710227 WELLID 1-23 Original Record Correction Change in Well Use

DRAFT

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

Lithology

From	To and the second second	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

5/22/2023

Water Resources Received

KS Dept Of Agriculture



NE

LOCATION OF WATER WELL

Name Domestic Livestock/Pasture Business Zenith Project Address Zenith Project Address 2375 Ave D Geneseo KS Geneseo KS From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR Digeth of completed well: Image: address Image: address address Source: Borehole interval: fromtoft. Borehole diameter: fromtoft. fromtoft. 10 in. fromin. Casing height above land surface: 30 in.	¹ ⁄ ₄ SE ¹ ⁄ ₄							
Name Source: Business Zenith Project Address 2375 Ave D Geneseo KS Geneseo KS Madress COMPLETION Depth of completed well: 115 ft. Depth of completed well: 05/01/2023 Source: Distance Borehole interval: Borehole diameter: from to ft. 10 in. from ft. 10 in. from ft. 10 in. from ft. 10 in. from								
Business Zenith Project Direction Address 2375 Ave D Depth of completed well:115 ft. Distance from well: Address Completed well is115 ft. Depth of completed well:115 ft. Source description: Well location From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR Depth of completed well:1ft; (2)ft; (4) □ dry well Distance from well: Source description: at owner's address Borehole diameter: fromtoft. Measured below land surface on (mm/dd/yy):05/01/2023 Objoin/2023 Visitin 100 feet. Borehole interval: fromtoft. in. Estimated yield:gpm Water level was:ft. afterhours on (mm/dd/yy): PERMIT & ID NUMBERS (AS REQUIRED to the first on the fi	NEAREST SOURCE OF POTENTIAL CONTAMINATION							
Address 2375 Ave D Geneseo KS 67444 Well location From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR Depth of completed well:ft.; Depth () dry well at owner's address Source Depth () dry well Source Static water level in well:34 ft. Measured below land surface on (mm/dd/yy): Distonce of contamination from well:6t. Source Borehole interval: from to ft. Borehole diameter: from to ft. Borehole diameter: in. Measured above land surface on (mm/dd/yy): 05/01/2023 Image: the second se								
Address 2375 Ave D Geneseo KS 67444 Well location From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR Depth of completed well:ft.; Depth () dry well at owner's address Source Depth () dry well Source Static water level in well:34 ft. Measured below land surface on (mm/dd/yy): Distonce of contamination from well:6t. Source Borehole interval: from to ft. Borehole diameter: from to ft. Borehole diameter: in. Measured above land surface on (mm/dd/yy): 05/01/2023 Image: the second se								
Address Geneseo KS 67444 Well location From 22nd Rd and 56th Hwy. 7N(Ave D), 2E, NSR Depth(s) groundwater encountered: (1)ft; (2)ft.; (3)ft; (4) □ dry well Depth(s) groundwater encountered: (1)ft; (2)ft.; (3)ft; (4) □ dry well Source: Distance Direction from well:ft. at owner's address Borehole diameter: fromft. Measured below land surface on (mm/dd/yy): 05/01/2023 No potential source of contamination within 100 feet. Borehole interval: fromttoft. Borehole diameter: fromttoft. Ion in. in. Estimated yield:gpm gpm Water level was:ft. afterhours fromtto in. DWR Application No.:KDHE / EPA Project Code:								
Well location Prom 22.nd for and both PTWy. 7N(Ave D), 2E, NSR (3 ft.; (4) □ dry well at owner's address (3 ft.; (4) □ dry well GONSTRUCTION Static water level in well: 34 ft. Measured below land surface on (mm/dd/yy): 05/01/2023 Borehole interval: Borehole diameter: from ft. in. Casing height above land surface: 30 in.								
□ at owner's address at owner's address Static water level in well:								
Static water level in well: 34 ft. address Source address address Static water level in well: 34 ft. Image: Static water level in well: 34 ft. Image: Water level in well: 05/01/2023 Image: Water level was: 1. after								
address Image: Construction Borehole interval: Borehole diameter: fromft. in. Estimated yield: gpm Water level was: ft. afterhours DWR Application No.:								
CONSTRUCTION Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Borehole interval: Borehole diameter: Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): from to ft. in. Estimated yield: gpm Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Casing height above land surface: 30 in. Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Dwn in the line measured above land surface: 30 in. Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Dwn in the line measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Casing height above land surface: 30 in. Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd/yy): Casing height above land surface: 30 in. Image: measured above land surface on (mm/dd/yy): Image: measured above land surface on (mm/dd								
Borehole interval: Borehole diameter: on (mm/dd/yy): PERMIT & ID NUMBERS (AS REQUIRE) from to ft. in. Estimated yield: gpm DWR Application No.: Casing height above land surface: 30 in. In. DWR Application No.: Dumping gpm Site Name: Site Name:	ion							
from 0 to 115 ft. 10 in. Estimated yield:gpm DWR Application No.: from ft. in. Water level was:ft. afterhours DWR Application No.: Casing height above land surface: 30 in. pumpinggpm KDHE / EPA Project Code:	<u>ا</u> م							
Casing height above land surface: 30 in. pumping gpm KDHE / EPA Project Code:								
Casing neight above land surface: of in.								
If using height is less than 12 in Pump installed? \Box Yes \mathscr{I} No Site Name:								
If casing height is less than 12 in. has a variance been approved?* □ Yes ✔ No								
*variance not required for monitoring Water well disinfected? □ Yes □ No County Permit: □ Yes ✔ No Permit II								
or environmental remediation wells Date disinfected (mm/dd/vv):								
Casing type: ThermalPlastic Lease tvalle & well #. Blank casing interval: 0 ft. to 45 ft.	g wells:							
Blank casing diameter: <u>5</u> in. LITHOLOGIC LOG								
Casing joints: Glued FROM TO LITHOLOGY INTERVALS								
Weight: .214 lbs/ft. Attache Attache Attache								
Wall thickness or gauge no.:								
Blank casing interval:ft. toft.								
Blank casing diameter:in. 5/22/2023								
Casing joints: Weight:lbs/ft.								
Wall thickness or gauge no.: Wall thickness or gauge no.: Received	ces							
Grout interval: 0 ft. to 23 ft.								
Grout material: Bentonite KS Dept Of Agric	ulture							
Grout interval: ft. to ft.								
Grout material:								
DVC								
Screen / perforation material:								
Screen / perforation openings: Mill slot CONTRACTOR'S OR LANDOWNERS CERTIFICATION	tor wall							
	This water well was constructed \checkmark reconstructed \square pursuant to the stated water well contractor's license and was completed on <u>05/01/2023</u> . I certify that this record is true to							
	the best of my knowledge and belief. This water well record was completed on							
Fromft. toft. In the business name ofRosencrantz-Bemis Ent., Inc.	under the business name of Rosencrantz-Bemis Ent. Inc.							
Slot size unit Kansas Water Well Contractor's License No134 under the authority of the	designated							
Gravel pack intervals:								
Gravel pack not used: Gravel size in in is the start a second size of the								
	onstructed we							
Gravel pack not used: Gravel size in From ft. to ft.								

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 6 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

DRAFT

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

Lithology

From	То	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

5/22/2023

Water Resources Received

KS Dept Of Agriculture



Latitude	38.47939	Longitude	-98.05	614 Sec	tion	14	Township	18	Range	$7 \Box E \\ \Psi W$ Fraction SW 4 SE 4 SE 4
	NAD83	Carl Congress Star	167	2019121	unty	Rice	Township	10	1111-60	
Datum NAD83 Elevation 167 WATER WELL OWNER				WELL WA	1.56 (2.54)					NEAREST SOURCE OF POTENTIAL CONTAMINATION
C. S. Les M. P. Mark	LOWNER						/Pasture			Source: Other (please specify)
	Name					estoch	rasture		Distance Direction	
Business	Zeni	LC	COMPLETION					from well:70 from well:W		
Address	Genese	67444	Depth of completed well: <u>120</u> ft. Depth(s) groundwater encountered:					Source description: Lagoon		
Well location		From 22nd Rd and 56th Hwy. 7N (Ave D), 2E, NSR			(1) ft.; (2) ft.; (3) ft.; (4) \Box dry well				Source: Distance Direction	
at owner address		114 (LIVE D), NE, LIVE			Static water level in well: <u>41</u> ft. ft. ft. ft. ft. ft. measured below land surface on (mm/dd/yy): 03/15/2023				from well: from well: Source description:	
CONSTRUCT		1		measured above land surface					□ No potential source of contamination within 100 feet.	
Borehole int	and the set of the set	Borehole di	Transfer the second	on (n	nm/dd	/yy):		-		PERMIT & ID NUMBERS (AS REQUIRED)
	_to <u>120</u> ft. _toft.				Estimated yield: gpm Water level was: ft. after hours				DWR Application No.:	
Casing heig	ght above land su	urface:	20 in.				pumping		gpm	KDHE / EPA Project Code:
1	g height is less th			Pump in	stalled	l? □ Y	les 🖌 No			Site Name:
1	ariance been app			TATatana					KDHE UIC Class V Form Completed: Yes No	
	ce not required f ironmental reme		3		Water well disinfected? Yes No				County Permit: 🗆 Yes 🗸 No Permit ID:	
	e: Ther			Date dis	Date disinfected (mm/dd/yy):				Lease Name & Well #:	
Blank casin	interval:	0 ft. to	60 ft.	Aquifer, if known:					# of boreholes: # of dewatering wells:	
	ng diameter:			LITHOLO	GIC LO	OG				
	joints:	C1 1		FROM	T	0	LITHOLOGY I	NTER\	ALS	
Weight:				Attach	Att	ache	Attached			
Wall thi	ickness or gauge			Attach		acin				
Blank casing interval:ft. toft.					1		5/22/2023			
	ng diameter:									
	Casing joints:									Water Resources
Weight:lbs/ft. Wall thickness or gauge no.:									Received	
	rval: 0 ft.									KS Dept Of Agriculture
Grout r	material: Be	ntonite								
Grout inter	rval:ft.	toft.				1				ana ana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny fisiana amin'ny
Grout r	material:			COMME	NTS					
Screen / per	erforation materi	al: PV	/C							
Screen / perforation openings: Mill slot				CONTRACTOR'S OR LANDOWNERS CERTIFICATION						
Screen / per	erforation interva	als:		This w	ater w	vell wa	is constructe	d 🖌	recons	structed 🔲 pursuant to the stated water well
From	60 ft. to 12	0 ft.		contra	ctor's	licens	e and was cor	nplete	d on	03/15/2023 . I certify that this record is true to
Slot s	size unit	t								ter well record was completed on
From	ft. to	ft.				•				Rosencrantz-Bemis Ent., Inc.
Slot size unit				under the business name of						
Gravel pac	k intervals:									
Gravel pack not used: □ Gravel size in				person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the						
From	23 ft. to _1	120 ft.					n at its submit			reg Dodson
	pack not used: [in	Send on	e copy	to WA'				n one for your records. Fee of \$5.00 for each constructed we
	ft. to				D	~	KANSAS E	EPART		OF HEALTH AND ENVIRONMENT

Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka KS 66612-1367 (785) 296-3565 | K.S.A. 82a-1212 | v2022c

DCRRuct A FIGLAR DOCID 1710222 WELLID 3.23 Original Record Correction Change in Well Use

SW

DRAFT

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

Lithology

From	То	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

5/22/2023

Water Resources Received

KS Dept Of Agriculture

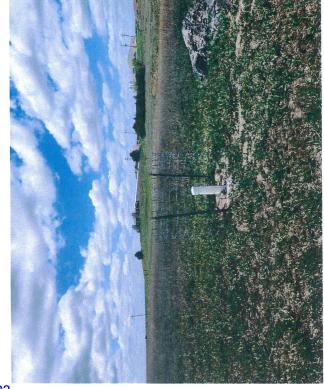
SE DORRuctA FIGURA DOCID 1710228 WELLID 4. 23 Original Record Correction Change in Well Use

LOCATION OF WATER WELL

Latitude 3	8.47943	Longitude	-98.054	54 Se	ction 1	4 Township	18 Ran	ge 7 ⊒E ✔W Fraction SE ¼ SE ¼ SE ½		
Datum	NAD83	Elevation	1666	C	ounty Rie	ce		19 79 I		
VATER WELL O	WNER			WELL W	ATER USE			NEAREST SOURCE OF POTENTIAL CONTAMINATIO		
Name				Domes	tic Livesto	ock/Pasture		Source:		
Business	Ze	enith Project		COMPLETION				Distance Direction from well: from well:		
Contraction of the second	2375 Ave D					d well:	120 ft.	from well: from well:		
Address	Genese		67444		-	ater encountered:		Source description:		
				-	-	t)ft.;		Source:		
Well location TNIA and 56th Hwy.				(3) ft.; (4) \Box dry well				Distance Direction		
7N(Ave D), 2E, NSR				Static water level in well:35_ft.				from well: from well:		
at owner's address				🖌 mea		w land surface	3/21/2023	Source description:		
ONSTRUCTIO	N			measured above land surface				No potential source of contamination within 100 feet.		
Borehole interv	val:	Borehole di	ameter:	on	mm/dd/yy):		PERMIT & ID NUMBERS (AS REQUIRED)		
fromto	ft.	-	in.	Estima	ed yield:	gpm				
fromto	ft.		in.	Water	evel was:	ft. after	hours	DWR Application No.:		
Casing height a	above land su	rface:	20 in.			pumping	gpm	KDHE / EPA Project Code:		
If casing he	eight is less th	an 12 in.		Pump	nstalled?	🗌 Yes 🖌 No		Site Name:		
		roved?* 🗆 Y		Water	well disinfe	cted? 🗌 Yes 🗌 No		KDHE UIC Class V Form Completed: □ Yes County Permit: □ Yes ✓ No Permit ID:		
		or monitoring diation wells	5	Date disinfected (mm/dd/yy):				Lease Name & Well #:		
Casing type:	Ther	malPlastic						# of boreholes: # of dewatering wells:		
Blank casing in	nterval:	ft. to	ft.	Aquifer, if known:				# of borenoics # of dewatering webs		
Blank casing d	iameter:	in.		LITHOL	OGIC LOG					
Casing joints:				FROM	і то					
Weight:lbs/ft.				2	12	clay,Yellow	сіаў, теном			
Wall thickness or gauge no.: Blank casing interval: ft. toft.				45	57	shale,unweathered,gray				
Blank casing diameter:in.						5/22/2023 sandstone,unweathered				
Casing joints:				57	68	8 Water Resource				
Weight:lbs/ft.				68 85 shale,unweathered,gray,strks of sand			ray,strks of sands	Received		
Wall thickness or gauge no.:						shale,unweathered,gray				
Grout interval	: ft.t	o ft.		85	120			KS Dept Of Agriculture		
Grout mat										
Grout interval		oft.								
Grout mat	erial:			COMM	ENTS					
Screen / perfo	ration materia	al- PV	vc							
Screen / perfo		2.6.2	l slot	CONT	ACTOR'S	OR LANDOWNERS	CERTIFICA	TION		
Screen / perfo	-							nstructed pursuant to the stated water well		
-	ft. to			1				03/21/2023 . I certify that this record is true to		
	unit			1				ater well record was completed on		
	ft. to			}		ness name of				
	unit							134 under the authority of the designate		
Gravel pack in	ntervals:									
Gravel pack not used: □ Gravel size in				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						
From	ft. to	ft.		-	~	son at its submitta				
Gravel pa	ck not used: [Gravel size	in	Send o	ne copy to V			ain one for your records. Fee of \$5.00 for each constructed		
From	ft. to	ft,			Bureau			COF HEALTH AND ENVIRONMENT 0 SW Jackson St., Suite 420, Topeka KS 66612-1367		

(785) 296-3565 | K.S.A. 82a-1212 | v2022c





Water Resources Received

KS Dept Of Agriculture

NW Well (1.23)



