

AMENDED

Submit To: CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
1320 Research Park Drive
Manhattan, Kansas 66502
http://agriculture.ks.gov/dwr

APPLICATION FOR APPROVAL TO CHANGE THE PLACE OF USE, THE POINT OF DIVERSION OR THE USE MADE OF THE WATER UNDER AN EXISTING WATER RIGHT



State of Kansas

*Filing Fee Must Accompany the Application
(Please refer to Fee Schedule on signature page of application form.)*

Paragraph Nos. 1, 2, 3, 4 & 8 must be completed. Complete all other applicable portions. A topographic map or detailed plat showing the authorized and proposed points(s) of diversion and /or place of use must accompany this application.

1. Application is hereby made for approval of the Chief Engineer to change the

- Place of Use
- (Check one or more) Point of Diversion
- Use Made of Water

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File No. 27,760 Circles 32 and 33.

2. Name of applicant: City of Hays, Kansas and City of Russell, Kansas (See paragraph 2 of the cover letter.)

Address: c/o Foulston Siefkin LLP, 1551 N. Waterfront Parkway, Suite 100

City, State and Zip: Wichita, Kansas 67206

Phone Number: (316) 291-9725 E-mail address: dtraster@foulston.com

What is your relationship to the water right; owner tenant agent other? If other, please explain. Hays and Russell are co-owners of the authorized place of use on the R9 Ranch in Edwards County.

Name of water use correspondent: City of Hays, Kansas

Address: P. O. Box 490, 1507 Main Street

City, State and Zip: Hays, Kansas 67601

Phone Number: (785) 628-7320 E-mail address: tdougherty@haysusa.com

3. The change(s) proposed herein are desired for the following reasons (please be specific):
See Paragraph 3 of the cover letter filed concurrently with this application. The cover letter is incorporated herein by reference.

The change(s) ~~was~~ (will be) completed by See Paragraph 3 of the cover letter
(Date)

For Office Use Only:

F.O. GMD Meets K.A.R. 5-5-1 (YES / NO) Use Source G / S County By Date
Code Fee \$ TR # Receipt Date Check #

4. The presently authorized place of use is:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
11-T26S-R20W											40	40	40	40	40	40	40	40	320

List any other water rights that cover this place of use: None

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
			Same as above																

List any other water rights that cover this place of use: None

(If there are more than two landowners, attach additional sheets as necessary.)

5. It is proposed that the place of use be changed to:

Owner of Land — NAME: City of Hays, Kansas

ADDRESS: P.O. Box 490, 1507 Main Street, Hays, Kansas 67601

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

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

Owner of Land — NAME: City of Russell, Kansas

ADDRESS: 133 W. 8th Street, Russell, Kansas 67665

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

List any other water rights that cover this place of use: See paragraph 5 of the cover letter.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY
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6. The presently authorized point(s) of diversion (is) (are) irrigation well(s) described in paragraph 8, infra.
(Provide description and number of points)
7. The proposed point(s) of diversion (is) (are) one or more municipal wells; see paragraph 7 of the cover letter.
(Provide description and number of points)

List all presently authorized point(s) of diversion:

8. **Presently authorized point of diversion:**
 One in the NE Quarter of the SW Quarter of the SW Quarter of Section 11, Township 26 South, Range 20 (E/W), in Edwards County, Kansas, 1,298 feet North 4,002 feet West of Southeast corner of section. Authorized Rate 970 gpm Authorized Quantity 233.26 a/f
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the SW Quarter of the NE Quarter of the SE Quarter of Section 10, Township 26 South, Range 20 (E/W), in Edwards County, Kansas, 1,863 feet North 883 feet West of Southeast corner of section. Proposed Rate See Attachment Proposed Quantity See Attachment
 This point is: Additional Well Geo Center List other water rights that will use this point 22,338; 22,339

9. **Presently authorized point of diversion:**
 One in the (Battery) NE Quarter of the SW Quarter of the SE Quarter of Section 11, Township 26 South, Range 20 (E/W), in Edwards County, Kansas, 1,150 feet North 1,615 feet West of Southeast corner of section. Authorized Rate 800 gpm Authorized Quantity 196.51 a/f
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the NW Quarter of the SW Quarter of the NE Quarter of Section 11, Township 26 South, Range 20 (E/W), in Edwards County, Kansas, 3,646 feet North 2,143 feet West of Southeast corner of section. Proposed Rate See Attachment Proposed Quantity See Attachment
 This point is: Additional Well Geo Center List other water rights that will use this point 22,333-35

10. **Presently authorized point of diversion:**
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Authorized Rate _____ Authorized Quantity _____
 (DWR use only: Computer ID No. _____ GPS _____ feet North _____ feet West)
 This point will not be changed This point will be changed as follows:
Proposed point of diversion: (Complete only if change is requested)
 One in the _____ Quarter of the _____ Quarter of the _____ Quarter of Section _____, Township _____ South, Range _____ (E/W), in _____ County, Kansas, _____ feet North _____ feet West of Southeast corner of section. Proposed Rate _____ Proposed Quantity _____
 This point is: Additional Well Geo Center List other water rights that will use this point _____

11. Describe the current condition of and future plans for any point(s) of diversion which will no longer be used. _____
 See paragraph 11 of the cover letter.

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY

5. It is proposed that the place of use be changed to:

The City of Hays, Kansas and its immediate vicinity as well as related areas in the Northeast Quarter (NE/4) of Section 19 and the Northwest Quarter (NW/4) of Section 36, T13S-R18W, Ellis County, Kansas;

The City of Russell, Kansas and its immediate vicinity;

The City of Victoria, Kansas and its immediate vicinity;

The City of La Crosse, Kansas and its immediate vicinity; and

The City of Ellis, Kansas and its immediate vicinity.

Upon the execution of a contract to purchase water from the Project, the authorized place of use should include industrial facilities or the corporate limits of the municipality, rural water district, or other entity entering into such contract for purchase and in the case of a municipality, its immediate vicinity.

7., 8., 9., and 10. Proposed Rate, Quantity, and Well Location

The Cities requested a total of 284.05 acre-feet at 1,770 gpm from the well associated with this water right. Of those amounts, 141.49 acre-feet at 970 gpm would be diverted from new point of diversion "K," and 142.56 acre-feet at 800 gpm would be diverted from new point of diversion "L," as shown on Exhibit L.

When combined with existing wells from other water rights, new point of diversion "K" would have a cumulative total of 533.2 acre-feet at 3,380 gpm, and new point of diversion "L" would have a cumulative total of 426.24 acre-feet at 2,430 gpm.

After extensive negotiation, the Cities and the Chief Engineer have reached a tentative agreement on numerous terms that are set out in an Initial Order, including an agreement to reduce the quantity requested to 285.1 acre-feet per year. The Cities understand that the Initial Order is subject to review by the GMD and others and cannot be finalized until after that review. The Cities submit these amendments to their original Change Application but the amendments are contingent upon the entry of an Initial Order and a Final Order with terms that are acceptable to the Cities.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well "K" will be limited to a maximum rate of 700 gallons per minute and proposed municipal well "L" will be limited to a maximum rate of 950 gallons per minute.

Attached as Exhibits R, S, T, and U are additional maps that show the location of the currently authorized points of diversion, a one-half mile buffer around each irrigation well, the proposed location of municipal wells "K," and "L," a 1,000-foot radius around those locations, and the proposed areal limits within which the new municipal wells can be located.

13. If changing the place of use and the use made of water, describe how the consumptive use will not be increased:

Quantity authorized and perfected

The Permit was issued on July 6, 1977, granting the applicant the right to divert up to 480 acre-feet annually from two wells at a rate not to exceed 2,000 gallons per minute for irrigation use¹ on 320 acres in the S/2 of Section 11-T26S-R20W.²

In the cover letter transmitting the Permit, DWR made findings of fact stating that “the proposed use is for a beneficial purpose and is *within reasonable limitations*. If priorities are observed and respected, the proposed use will neither impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.”³

However, there was always a third well that was evidently left off the original application. An application to change the point of diversion to add the third well was filed on March 14, 1986, but it “languished somewhat” in DWR’s office.⁴ The change application was eventually granted on July 21, 1994.⁵ It approved a “battery of two wells” in the SE/4 of Section 11, limiting the combined rate to 800 gpm.

The Field Inspection Reports indicate that 396.00 of the 480 acre-feet authorized by the Permit were lawfully perfected.

- The rate at the center pivot in the SW/4 with all three wells pumping is 970 gpm.⁶ That center pivot system was operated for 1,306 hours in 1995,⁷ the year of record⁸ resulting in the application of 233.26 acre-feet.
- The rate at the center pivot in the SE/4 with all three wells pumping is 978 gpm,⁹ but is limited to 800 gpm. That center pivot system was operated for 1,334 hours in 1995,¹⁰ the year of record,¹¹ resulting in the application of 196.51 acre-feet.
- The Permit authorized the perfection of 480 acre-feet on 320 acres, or 1.5 acre-feet per acre, but only 264 authorized acres were irrigated during the perfection period, resulting in perfection of 394.51 acre-feet.

Nevertheless, and pursuant to the negotiated terms set out in the Initial Order discussed above, the Cities request that the Chief Engineer approve a total of 285.1 acre-feet per year for municipal use.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well “K” will be limited to a maximum rate of 700 gallons per minute and proposed municipal well “L” will be limited to a maximum rate of 950 gallons per minute.

¹ Permit, HAYS004110, Ex. A.

² Application, HAYS004104, Ex. B.

³ July 6, 1977, letter (emphasis added), HAYS004113, Ex. C.

⁴ July 11, 1994 Memo, HAYS004121, Ex. D.

⁵ Approval of Application, HAYS004124, Ex. E.

⁶ FIR, HAYS004077, Ex. F.

⁷ July 22, 1994 letter extending the perfection period to December 31, 1995, HAYS004125, Ex. G.

⁸ 1995 WUR, HAYS004057, Ex. H.

⁹ FIR, HAYS004087, Ex. I.

¹⁰ 1995 WUR, HAYS004057, Ex. H.

¹¹ July 22, 1994 letter extending the perfection period to December 31, 1995, HAYS004125, Ex. G.

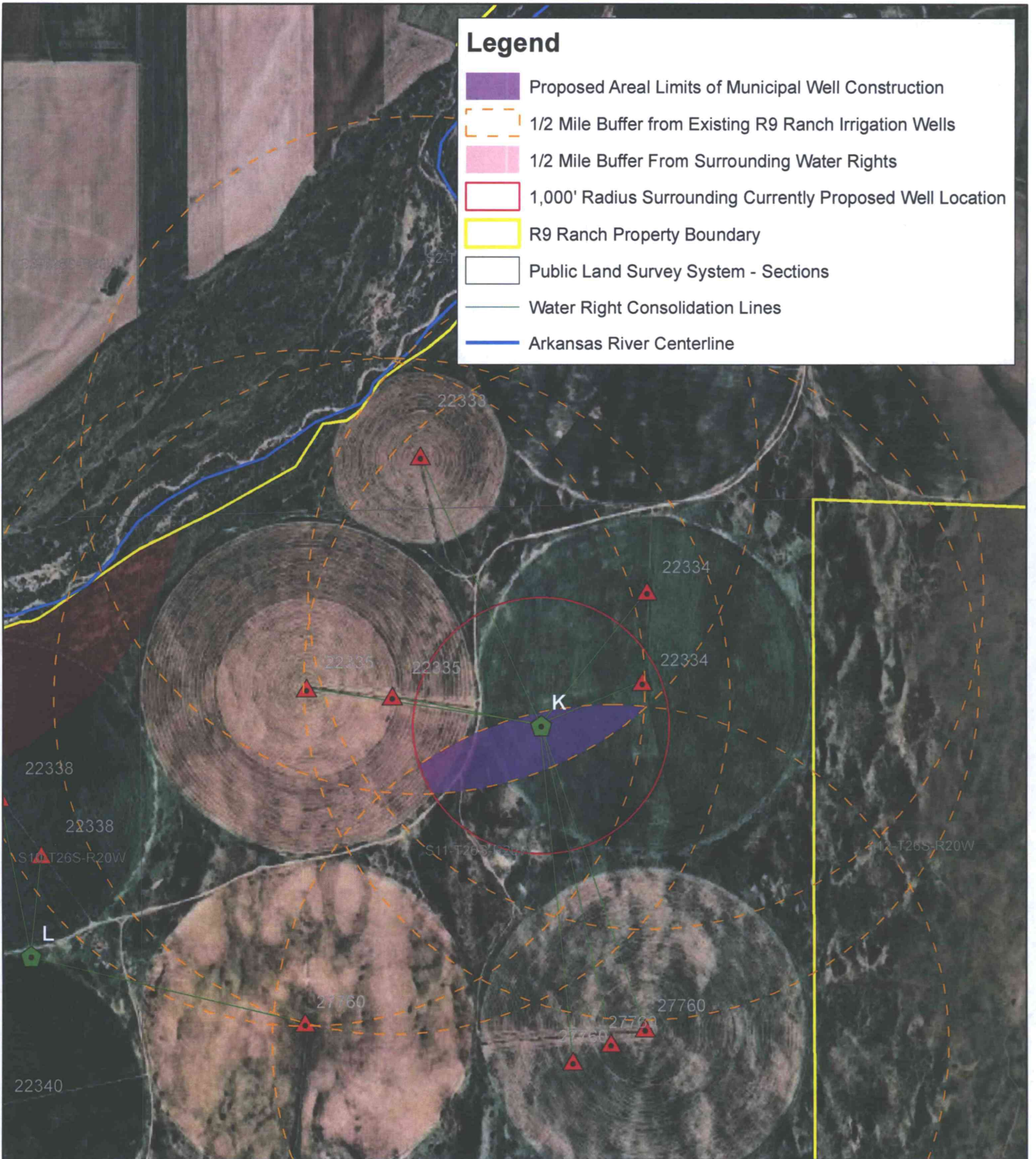
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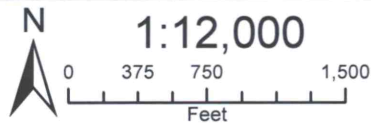
Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1/2 Mile Buffer From Surrounding Water Rights
-  1,000' Radius Surrounding Currently Proposed Well Location
-  R9 Ranch Property Boundary
-  Public Land Survey System - Sections
-  Water Right Consolidation Lines
-  Arkansas River Centerline



Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site K

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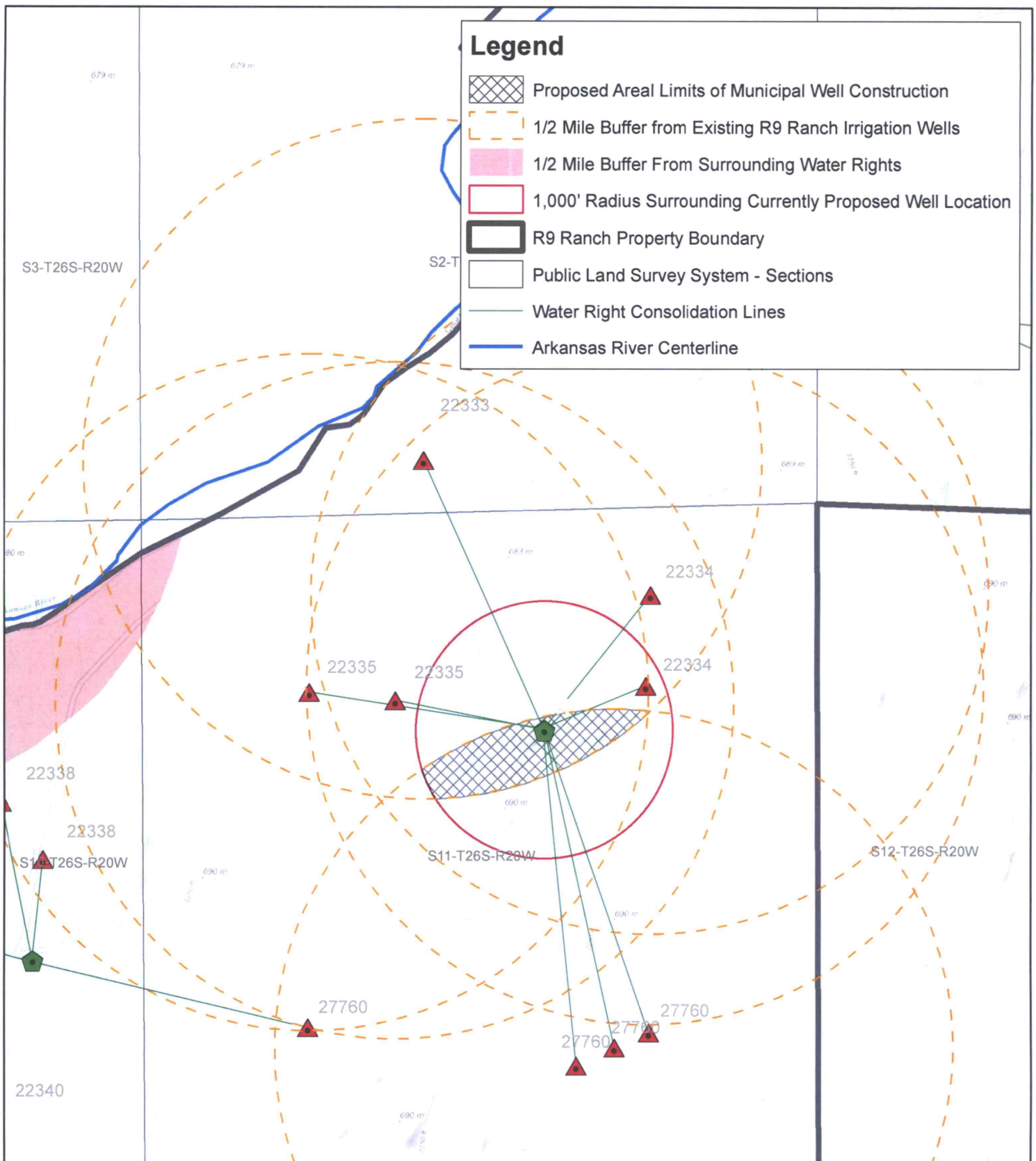
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Legend

-  Proposed Areal Limits of Municipal Well Construction
-  1/2 Mile Buffer from Existing R9 Ranch Irrigation Wells
-  1/2 Mile Buffer From Surrounding Water Rights
-  1,000' Radius Surrounding Currently Proposed Well Location
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Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site K

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 File No. 27,760
 NOV 28 2016 Exhibit S

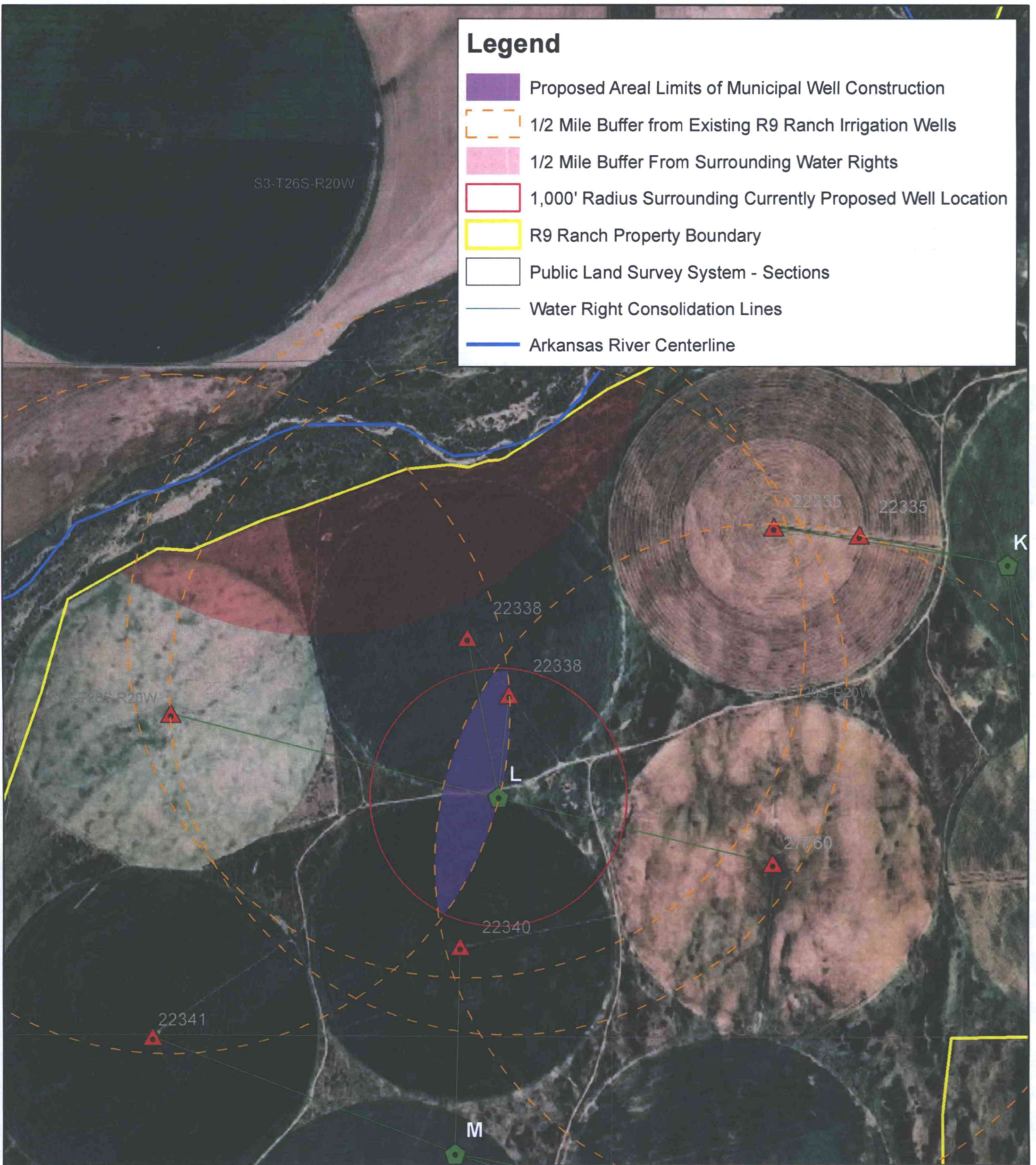


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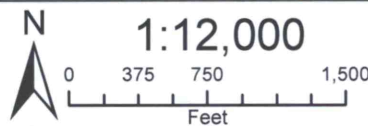
Legend

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- Water Right Consolidation Lines
- Arkansas River Centerline



Legend

- R9 Irrigation Wells
- Currently Proposed Well Site



Conceptual Well Site L

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NOV 28 2016 Exhibit T

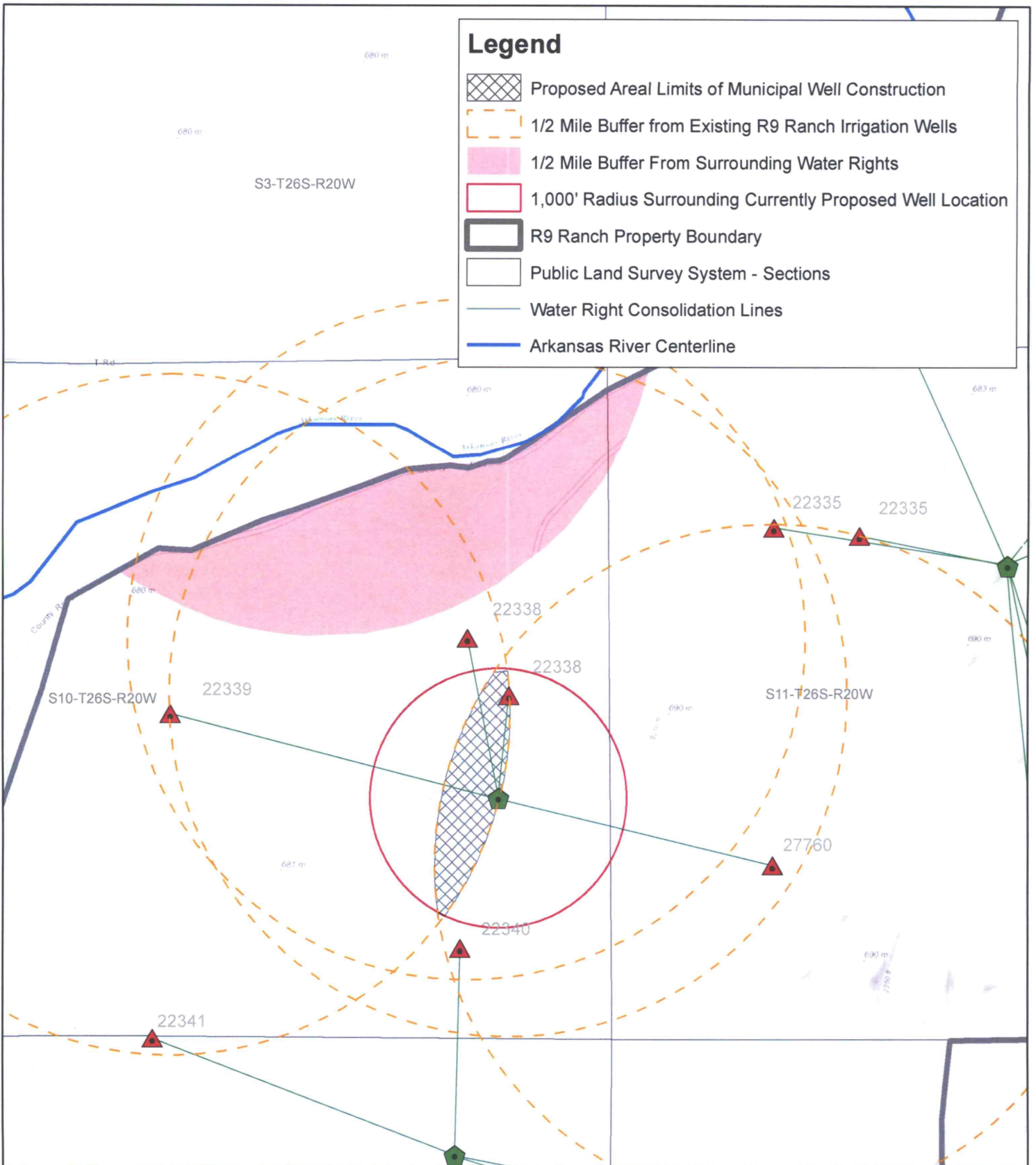
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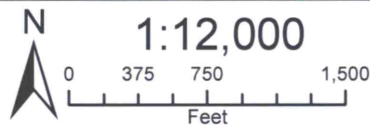
Legend

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Legend

-  R9 Irrigation Wells
-  Currently Proposed Well Site



Conceptual Well Site L

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