

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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KS DEPT OF AGRICULTURE

File No. 21,730 Circle 1

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
Code	Fee \$	TR #	Receipt Date	Check #	Date

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	
30-T25S-R19W								Lot 2 23	22	34	Lot 3 34.75	Lot 4 2	1					116.75	

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.

NECESSARY SOURCES RECEIVED

Substitute

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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 NW Quarter of the NE Quarter of the SW Quarter of Section 30, Township 25 South, Range 19 (E/W), in Edwards County, Kansas, 2,330 feet North 3,937 feet West of Southeast corner of section. Authorized Rate 795 gpm Authorized Quantity 176 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 NE Quarter of the SW Quarter of Section 30, Township 25 South, Range 19 (E/W), in Edwards County, Kansas, 2,282 feet North 3,870 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 21,731

9. **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 _____

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 203.77 acre-feet at 795 gallons per minute from the well associated with this water right to be diverted from new point of diversion "G," as shown on Exhibit J. When combined with existing wells from other water rights, new point of diversion, well "G" would divert a cumulative total of 426.7 acre-feet at 1,870 gallons per minute.

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 from this water right to 176.0 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 "G" will be limited to a maximum rate of 1,040 gallons per minute.

Attached as Exhibits P and Q 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 well "A," a 1,000-foot radius around that location, 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 February 27, 1976, granting the applicant the right to divert up to 224 acre-feet annually at a rate of up to 1,250 gallons per minute for irrigation use¹ on 117

¹ Permit, HAYS000767, Ex. A.

acres in Section 30-T25S-R19W,² or 1.92 acre-feet per acre. The Certificate limited the authorized rate to 795 gallons per minute.

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

The Field Inspection Report indicates that 269 acre-feet were applied to 117 acres during the year of record. Since the Permit authorized a maximum of 224 acre-feet, the entire quantity was perfected.⁴

While the Certificate limits the total quantity to 176 acre-feet based on DWR’s after-the-fact determination that 1.5 acre-feet per acre was a reasonable quantity for irrigation use, DWR did not have jurisdiction to make this reduction.⁵

Since the perfection period has expired, the “authorized quantity” for this water right is the 224 acre-feet actually perfected even though it exceeds the certified quantity.

NIR for Alfalfa

The FIR states that alfalfa and wheat were grown on this circle during the year of record.⁶ According to the Kansas Irrigation Guide, the NIR for the 50% chance rainfall in Edwards County is 20.9 (1.741666 feet) inches for alfalfa.

Since alfalfa was grown on the authorized place of use during the perfection period it is reasonable to use the NIR for alfalfa, which yields a total quantity of 203.77 acre-feet consumed. While this quantity is greater than the quantity set out in the Certificate, it is less than the 224 perfected acre-feet, the “maximum annual quantity authorized by the water right.”⁷

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 176.0 acre-feet per year for municipal use.

Subject to the negotiated terms set out in the Initial Order, the proposed municipal well “G” will be limited to a maximum rate of 1,040 gallons per minute.

² Application, HAYS000758, Ex. B.

³ February 27, 1976, letter (emphasis added), HAYS000766, Ex. C.

⁴ FIR, HAYS000746, Ex. D.

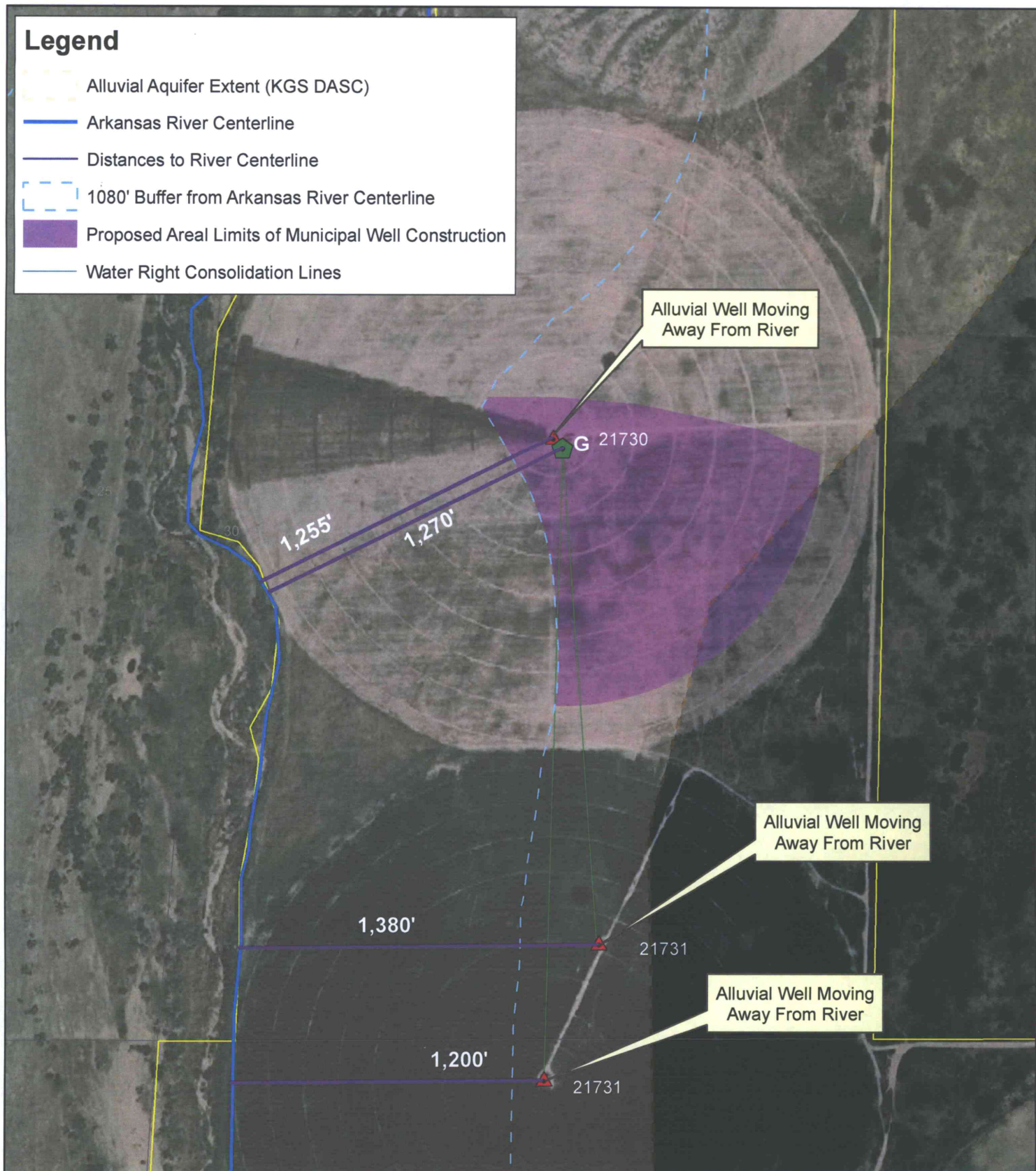
⁵ Certificate, HAYS000776, Ex. E; Larry M. Sheets Memo dated July 9, 1987, HAYS000771, Ex. F; and *Clawson v. Kansas Dept. of Agriculture, Div. of Water Resources*, 49 Kan. App. 2d 789, 315 P.3d 896 (2013).

⁶ FIR, HAYS000749, Ex. G.

⁷ See K.A.R. 5-5-9(a)(4).

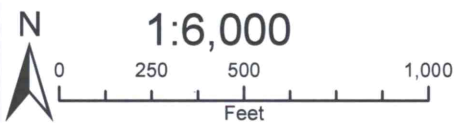
Legend

- Alluvial Aquifer Extent (KGS DASC)
- Arkansas River Centerline
- Distances to River Centerline
- 1080' Buffer from Arkansas River Centerline
- Proposed Areal Limits of Municipal Well Construction
- Water Right Consolidation Lines



Legend

- R9 Irrigation Wells
- Conceptual Municipal Well Site
- R9 Ranch Property Boundary
- PLSS - Sections



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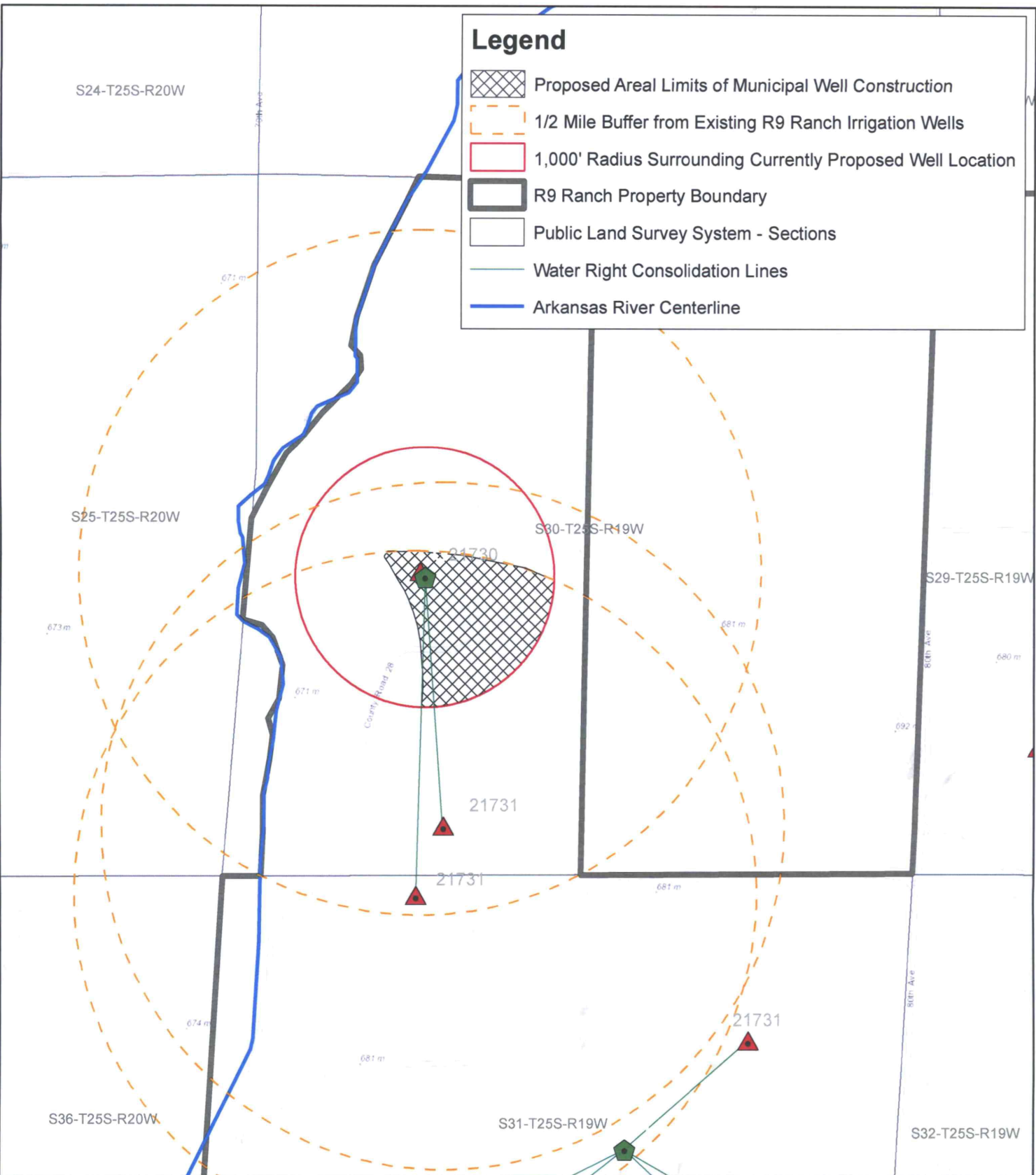
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Figure 2
Conceptual Well Site G
R9 Ranch
Analysis of Alluvial Aquifer Extent &
Well Proximity to Arkansas River

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Exhibit P

SCANNED



Legend

- R9 Irrigation Wells
- Currently Proposed Well Site

N

1:12,000

0 375 750 1,500
Feet

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Conceptual Well Site G

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Exhibit Q

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