22332

Submit To: CHIEF ENGINEER Division of Water Resources Kansas Department of Agriculture 1320 Research Park Drive

Manhattan, Kansas 66502

http://agriculture.ks.gov/dwr

### SECOND AMENDED

### 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



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 Water Resources Received Place of Use Point of Diversion (Check one or more) MAR 25 2019 Use Made of Water KS Dept Of Agriculture 22.332 23. Circle File No. 2. Name of applicant: City of Hays, Kansas and City of Russell, Kansas (See Section I.A. of the Cover Letter.) Address: c/o Foulston Siefkin LLP, 1551 N. Waterfront Parkway, Suite 100 City, State and Zip: Wichita, Kansas 67206 E-mail address: dtraster@foulston.com Phone Number: (316) 291-9725 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, Kansas Name of water use correspondent: City of Hays, Kansas Address: P.O. Box 490, 1507 Main Street City, State and Zip: Hays, Kansas 67601 E-mail address: <u>tdougherty@haysusa.com</u> Phone Number: (785) 628-7320 3. The change(s) proposed herein are desired for the following reasons (please be specific): \_\_\_\_ See Section I.B. of the accompanying Cover Letter which is incorporated by reference. The Cover Letter supersedes the June 25, 2015 Cover Letter that accompanied the original Change Applications. The change(s) (was) (will be) completed by December 31, 2029. (Date) For Office Use Only: Meets K.A.R. 5-5-1 (YES / NO) Use Source G/S County F.O. GMD By Date TR # Receipt Date Check # Code Fee \$

Amended Substitute Page

Assisted by:

4. The presently authorized place of use is:

Owner of Land —	NAME:	City of	Hays.	Kansas

	AD	DRES	s: <u>P</u>	<u>.O. B</u>	<u>ox 49</u>	0, 15	<u>07 M</u>	ain S	treet,	Hays	, Kan	sas 6	<u>7601</u>				
		NE	14			NV	N7/4			sv	V1⁄4			SE	1/4		TOTAL
Sec. Twp. Range	NE¼	NW1/4	SW1⁄4	SE1/4	NE¼	NW1/4	SW1/4	SE¼	NE <sup>1</sup> ⁄4	NW1/4	SW1⁄4	SE¼	NE¼	NW1/4	SW1/4	SE¼	ACRES
2-T26S-R20W					-								30	Lot 8 32	32	31	125

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

Owner of Land — NAME: <u>City of Russell, Kansas</u>

ADDRESS: <u>113 W. 8th Street, Russell, Kansas 67665</u>

		NE	14			NV	V1/4			sv	V1/4			SE	514		TOTAL
Sec. Twp. Range	• NE¼	NW1/4	SW1⁄4	SE¼	NE%	NW1/4	SW1⁄4	SE¼	NE¼	NW1/4	SW1⁄4	SE¼	NE¼	NW1/4	SW1/4	SE¼	ACRES
r esterst errente A. e																	
<u> </u>		1					Sa	ime a	s abo	ve							
					-												

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: <u>City of Hays, Kansas</u>

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

			N	Ξ%			NV	<b>N</b> 14			sv	V%			SE	14		TOTAL
Twp.	Range	NE¼	NW14	SW1/4	SE¼	NE¼	NW14	SW1/4	SE¼	NE¼	NW1⁄4	SW1⁄4	SE%	NE%	NW1/4	sw¼	SE%	ACRES
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								Se	e Atta	achm	ent							
																	-	
-	Twp.	Twp. Range	Twp. Range NE%		NE½           Twp. Range         NE½         NW½         SW½           Image: State				Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NW¼         SW¼           Image: Image interval	Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NW¼         SW¼         SE¼	Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NU¼         SW¼         SE¼         NU¼         SW¼         SU¼         SU¼<		Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NW¼         SW¼         SE¼         NW¼         SW¼         SW¼<	Twp.         Range         NE¼         NW¼         SE¼         NE¼         NW¼         SW¼         SE¼         SE¼         NE¼         NW¼         SW¼         SE¼         SE¼         NE¼         NU¼         SW¼         SU¼         SE¼         NU¼         SU¼         SU¼<	Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NU¼         SU¼         SU¼<	Twp.         Range         NE¼         NW¼         SW¼         SE¼         NE¼         NW¼         SE¼         NE¼         NW¼         SE¼         NE¼         NW¼         SE¼         NE¼         NW¼         SW¼         SU¼         SU¼<	Twp.         Range         NE¼         NW¼         SE¼         NE¼         NW¼         SW¼         SE¼         NE¼         NW¼         SW¼         SW¼<	Twp.         Range         NE¼         NW¼         SW¼         SE¼         NU¼         SW¼         SE¼         NE¼         NW¼         SW¼         SE¼         NU¼         SW¼         SU¼         SU¼<

List any other water rights that cover this place of use. See Attachment

Owner of Land — NAME: <u>City of Russell, Kansas</u>

ADDRESS: 113 W. 8th Street, Russell, Kansas 67665

				NE	1/4			NV	V1/4			sv	₩%			SE	14		TOTAL
Sec.	Twp.	Range	NE¼	NW1/4	SW1/4	SE¼	NE¼	NW1/4	sw1⁄4	SE1⁄4	NE1/4	NW1/4	sw¼	SE¼	NE1/4	NW1⁄4	SW1/4	SE¼	ACRES
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List any other water rights that cover this place of use. See Attachment

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IF MORE SPACE IS NEED	DED, ATTACH ADDITIONA	L SHEETS AS NECESSARY

Amended Substitute Page

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22,332 File No.

- 6. The presently authorized point(s) of diversion (is) (are) irrigation well(s) described in paragraphs 8, 9, and 10 (Provide description and number of points)
- 7. The proposed point(s) of diversion (is) (are) a new municipal well described in paragraphs 8, 9, and/or 10 and in the Attachment. (Provide description and number of points)

### List all presently authorized point(s) of diversion:

8.	Presently authorized point of diver	sion:				
	One in the <u>near the center</u>	Quarter of the	•	Quarter of the	SE	Quarter
$\mathcal{S}_{i}^{(1)}$	of Section2	, Township	26	South, Range	. 20	( <b>E</b> /W),
	in Edwards County, I	Kansas, <u>1,407</u>	feet North	1,330 feet West of S	outheast corner	of section.
	Authorized Rate 655 gpm Au	uthorized Quantity	111 a/f			
	(DWR use only: Computer ID No	GP	S	feet North	feet Wes	it)
	This point will not be changed	📕 This point wil	l be changed	as follows:	· · · ·	
	Proposed point of diversion: (Com	plete only if chang	ge is requeste	d)		
	One in the SE				SW	Quarter
	of Section 1	Township	26	South, Range	20	()≣/₩),
	in Edwards County, H	Kansas, <u>1,630</u>	_ feet North _	4,090 feet West of S	outheast corner	of section.
	Proposed Rate See Attachment Pr					
	This point is: 🗌 Additional Well					
9.	Presently authorized point of diver	sion:		. *		
	One in the <u>near the center</u> of Section <u>2</u>	Quarter of the	<u> </u>	Quarter of the	SE	Quarter
	of Section 2	, Township	26	South, Range	20	(KK/₩),
	in <u>Edwards</u> County, H	Kansas, <u>1,342</u>	feet North	797 feet West of S	outheast corner	of section.
	Authorized Rate 460 gpm Au	uthorized Quantity	77 a/f			
	(DWR use only: Computer ID No				feet Wes	t)
	└  ☐ This point will not be changed	📕 This point will	l be changed a	as follows:		
	Proposed point of diversion: (Com	plete only if chang	ge is requeste	d)		
	One in the         NE           of Section         1	Quarter of the	SW	Quarter of the	SW	Quarter
	of Section 1	, Township	26	South, Range	20	(€M),
	in Edwards County, H	(ansas, <u>1,341</u>	_ feet North _	4,056 feet West of S	outheast corner	of section.
	Proposed Rate See Attachment Pr					
	This point is:  Additional Well					
10.	Presently authorized point of diver					
	One in the0					
	of Section	, Township		South, Range		(E/W),
	in County, ł				outheast corner	of section.
	Authorized Rate Au					
	(DWR use only: Computer ID No	GP	'S	feet North	feet Wes	t)
	This point will not be changed	🗌 This point will	be changed a	as follows:	*.	
	Proposed point of diversion: (Com	plete only if chang	<u>ae is requeste</u>	<u>d)</u>		
	One in the0	Quarter of the		Quarter of the		Quarter
	of Section					
	in County, H	Kansas,	feet North	feet West of S	outheast corner	of section.
	Proposed Rate Pr	oposed Quantity				
	This point is: Additional Well	–				•
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11.	Describe the current condition of and	inture plans for any	point(s) of an	renation which will no longe	i ue useu.	

See the Attachment.

Water Resources

### IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY MAR 25 2019

Amended Substitute Page

File No. \_\_\_\_\_ 22,332

12.	The presently authorized use of water is for	irrigation		_ purposes.
	It is proposed that the use be changed to	municipal	•	purposes.

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

See the Attachment and the Master Order, Section III, Quantities for Municipal Use.

(Please show any calculations here.)

14. It is requested that the maximum annual quantity of water be reduced to See Attachment (acre-feet or million gallons).

15. It is requested that the maximum rate of diversion of water be reduced to <u>See Attachment</u> gallons per minute (\_\_\_\_\_ c.f.s.).

- 16. The application must include either a topographic map or detailed plat. A U.S. Geological Survey Topographic Map, scale 1:24,000, is available through the Kansas Geological Survey, 1930 Constant Avenue, University of Kansas, Lawrence, Kansas 66047-3726 (www.usgs.gov). The map should show the location of the presently authorized point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. The presently authorized place of use should also be shown. Identify the center of the section, the section lines and the section corners and show the appropriate section, township, and range numbers on the map. In addition the following information must also be shown on the map.
  - a. If a change in the location of the point(s) of diversion is proposed, show:
    - 1) The location of the proposed point(s) of diversion. Distances North and West of the Southeast corner of the section must be shown. Please be certain that the information shown on the map agrees with the information shown in Paragraph Nos. 9, 10 and 11 of the application.
    - 2) If the source of supply is groundwater, please show the location of existing water wells of any kind, including domestic wells, within ½ mile of the proposed well or wells. Identify each well as to its use and furnish name and mailing address of the property owner or owners. If there are no wells within ½ mile, please indicate so on the map.
    - 3) If the source of supply is surface water, the names and mailing addresses of all landowner(s) ½ mile downstream and ½ mile upstream from your property lines must be shown.
  - b. If a change in the place of use is desired, show the proposed place of use by crosshatching on the map. Please be certain that the information shown on the map agrees with the information shown in Paragraph No. 5 of the application.
- 17. Attach documentation to show the change(s) proposed herein will not impair existing water rights and relates to the same local source of supply as to which the water right relates. This information may include statements, plats, geology reports, well logs, test hole logs, and other information as necessary information to show the above. Additional comments may be made below.

See the Master Order, Section II, Change in Beneficial Use; Section VI, Change in Places of Use;

and Section VIII, Change in Points of Diversion.

18. If the proposed change(s) does not meet all applicable rules and regulations of the Kansas Water Appropriation Act, please identify the rules and regulations for which you request a waiver. State the reason why a waiver is needed and why the request should be granted. Attach documentation showing that granting the request will not impair existing water rights and will not prejudicially and unreasonably affect the public interest.

No waivers are required.

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IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS AS NECESSARY Substitute Page This Amended Change Application is contingent on (a) the entry of the Master Order as a Final Order with terms that are acceptable to the Cities and (b) the occurrence of the contingencies in the *Effective Date and Expiration Date* Section of the Master Order.

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

a. The various parcels of land known as the R9 Ranch located in Edwards County, Kansas, as specifically described in **Appendix A** of the Master Order.

b. 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.<sup>1</sup>

c. The City of Russell, Kansas and its immediate vicinity.<sup>2</sup>

Other water rights owned by the City of Hays: EL 002; 1,248; 5,757; 18,857; 18,858; 33,296; 33,548; 36,519; 36,520; 36,804; 40,367; 40,368; 40,702; 40,703; 40,704; 40,705; 40,706; and 40,707.

Other water rights owned by the City of Russell: RS 08; 206; 1,267; 1,861; 7,628; 17,586; 17,587; 36,680; and 20139006.

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

The Cities requested a total of 166.32 acre-feet at 980 gpm from the well associated with this water right, all of which would be diverted from new Municipal Well "J," as shown on Exhibit J. When combined with existing wells from other water rights, new Municipal Well "J" would have a cumulative total of 678.44 acre-feet at 3,170 gpm.

After extensive negotiation, the Cities and the Chief Engineer have reached an agreement on numerous terms that are set out in the Master Order, including an agreement that, subject to the negotiated terms and the contingencies in the Master Order, the proposed Municipal Well "J" will be limited to 540.0 acre-feet per year for municipal use at a maximum rate of 700 gallons per minute with 135.0 acre-feet diverted from File 22,332 and the balance from Files 22,329, 22,330, 22,331, and 30,084.

Attached as Exhibits J, K, P, and Q are maps that show the location of the currently authorized points of diversion, the proposed location of new Municipal Well "J," a one-half mile buffer around the proposed Municipal Well, a 1,000-foot radius around that location, and the proposed areal limits within which the new Municipal Well can be located without having to file a new change application.

## 11. Describe the current condition of and future plans for any point(s) of diversion that will no longer be used.

All but a few of the irrigation wells on the R9 Ranch have been properly plugged and WWC-5P well plugging forms have been prepared and submitted to KDHE. *See* Exhibits R and S for the Well Plugging Records for the irrigation wells authorized by File 22,332.

<sup>1</sup> See Exhibit L.

<sup>2</sup> See Exhibit M.

Water Resources Received

MAR 25 2019

KS Dept Of Agriculture

## 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, issued on March 19, 1976, granted the right to divert up to 231 acre-feet annually at a rate not to exceed 1,000 gallons per minute for irrigation use<sup>3</sup> on 125 acres in the SE/4 of Section 2-T26S-R20W, or 1.85 acre-feet per acre.<sup>4</sup> The Certificate further limited the rate of the wells to 980 gallons per minute when operated simultaneously.<sup>5</sup>

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."<sup>6</sup>

The Field Inspection Reports indicate that all of the 231 acre-feet authorized by the Permit were lawfully perfected.

• 205 acre-feet<sup>7</sup> and 144 acre-feet<sup>8</sup> (349 acre-feet) were applied to 125 approved acres in the SE/4 of Section 2-T26S-R20W.

While the Certificate limits the total quantity to 188 acre-feet based on DWR's after-thefact determination that 1.5 acre-feet per acre was a reasonable quantity for irrigation use, DWR did not have jurisdiction to make this reduction.<sup>9</sup>

Since the perfection period has expired, the "authorized quantity" for this water right is the 231 acre-feet actually perfected even though it exceeds the certified quantity.

See also, Exhibits N and O.

#### 14. The maximum annual quantity of water for municipal use:

Subject to the contingencies stated above and the negotiated terms of the Master Order, the proposed Municipal Well "J" will be limited to a maximum quantity 540.0 acre-feet per year for municipal use with 135.0 acre-feet diverted from File 22,332 and the balance from Files 22,329, 22,330, 22,331, and 30,084.

### **15.** The maximum annual rate of diversion:

Subject to the contingencies stated above and the negotiated terms of the Master Order, the proposed Municipal Well "J" will be limited to a maximum rate of 700 gallons per minute, 1.56 cubic feet per second.

<sup>6</sup> March 19, 1976, letter (emphasis added), HAYS002781, Ex. D.

<sup>7</sup> FIR, HAYS002759, Ex. E.

<sup>8</sup> FIR, HAYS002768, Ex. F. d. 344

<sup>9</sup> Certificate, HAYS002790, Ex. C; Doug Bush April 10, 1987, Memo, HAYS002785, Ex. G; and Clawson v. Kansas Dept. of Agriculture, Div. of Water Resources, 49 Kan. App. 2d 789, 315 P.3d 896 (2013).

# Amended Substitute Page

<sup>&</sup>lt;sup>3</sup> Permit, HAYS002782, Ex. A.

<sup>&</sup>lt;sup>4</sup> Application, HAYS002775, Ex. B.

<sup>&</sup>lt;sup>5</sup> Certificate, HAYS002790, Ex. C.

223	, 	EXHIBIT					•	
223	. 20	R				1.10	11 23 A	
W	ATER	· · · ·	L UGGING I	RECORD Form WV	VC-5P	KSA 82		
1	LOCA	TION OF WAT		Fraction	Section	Number	Township Number	
		y: Edwards	Wall Lačation	NE 1/4 NE 1/4 SW 1/4 SE if unknown, distance &		2 sitioning S	T 26 S Systems (GPS) inform	20 <u>E</u> [7] W.
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	check l	iere 🗌 7 sou	uth & 2 3/4 w	est of Kinsley, Ks.	Longitude Elevation		0	(in decimal degrees)
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			T id y c	1 <u> </u>			<u>3 m.                                    </u>	-5-15 m, -1 > 15 m
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	Grout	Plug İntervals:	From 22.	<u>70 ft. to 3 ft., i</u>	rom	fito	ft., From	to <u>f</u> t.
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còr Jacl	ect an (son St	swers: Send or ., Ste. 420, Top	ie copy to Kar eka, Kansas 6	pallpoint pen. Please press f isas Department of Health 6612-1367. Telephone: 78 gov/waterwell/index.html.	and Enviro	nment, Bu	reau of Water, Geolo o Water Well Owner :	gy Section,1000 SW and retain one for your
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22332       EXHIBIT         S       WATER WELL PLUGGING RECORD       Form WWC-SP       KSA 82a-1212       DNO.         I LOCATION OF WATER WELL       Fraction       Scation Number       T 2.6 S       2.0 C       E [] W         Stere/Rum Address of Well Location: [makenwo, distance Address, check here       T 2.6 S       2.0 C       E [] W         Stere/Rum Address of Well Location: [makenwo, distance Address, check here       T 3.0078       (in decimal degrees)         Levation: [makenwo, distance Address, check here       T 3.0078       (in decimal degrees)         Levation: [makenwo, distance Address, check here       T 3.0078       (in decimal degrees)         Levation: [makenwo, distance Address, check here       T 3.0078       (in decimal degrees)         Zware/Rum KLL OWNER: City of Hays       RR 3.5 Address, Box #: P.O. Box 56       [] OBox 56         Hays, Ks. 67601       Hays, Ks. 67601       Est Accuracy: C < sm. 3-5 m. 5 + 15 m. > 15 m.         Sox: N       Well YS STATIC WATER LEVEL 30 ft       Mell YS STATIC WATER LEVEL 30 ft         W       Station ft       Depth OF WELL 53.50 ft       ft         Well YS STATIC WATER LEVEL 30 ft       Olf Field Water Supply Domestic (Lawn & Garden) Address Station ft       Mell YS Station Melhod:         Swift A MY'S IN SECTION BOX: N       Abstaso-Cement Conditioning Lowards address Statio Melhod:       <
WATER WELLPLUGGING RECORD Form WWC-5P       KSA 82a-1212       ID NO.         IDCATION OF WATER WELL:       Fraction       Section Number       Township Number       Range Number.         StreetRuni Address of Well Location:       I maknown, disance & direction from nearest town or intersection:       If a decimal degrees.)       If a decimal degrees.)         StreetRuni Address of Well Location:       If a wenry's address, direct here       7 south & 2 3/4 west of Kinsley, Ks.       Global Positioning Systems (GPS) information:       In decimal degrees.)         Variable Address, Box #:       P.O., Box 56       Elevation:       20 37114       (in decimal degrees.)         2       WATER WELL OWNER:       City of Hays       Rt#, St. Address, Box #:       P.O., Box 56       Digital Map/Photo.       Topographic Map.       Land Survey         2       WATER WELL'S LOCATION       4       DEPTH OF WELL 53.50       ft.       Make/Model.       Digital Map/Photo.       Topographic Map.       Land Survey         3       MARK WELL'S LOCATION       4       DEPTH OF WELL 53.50       ft.       Well.'S Static Zip Code:       Hays. Ks. 67601       Bomestic       Digital Map/Photo.       Topographic Map.       Land Survey         8       MARK WELL'S LOCATION       4       DEPTH OF WELL 53.50       ft.       Musel' Survey       Street       Musel' Survey
1       DoCATION OF WATER WELL:       Fraction         2       MARK Well Costion; if usknown, disance & direction from nearest town or intersection: If at swnor's address, check here       7 South & 2 3/4 West of Kinsley, Ks.       Global Positioning Systems (GPS) information: (in decimal degrees) Latitude: 37.81078         2       WATER WELL OWNER: City of Hays       Rf.#; St. Address, Box #:       P.O., Box 56         2       WATER WELL SLOCATION WHATER XELS I.OCATION WITH AN X* IN SECTION BOX:       A DEPTH OF WELL 53.50       ft.         3       MARK WELL'S LOCATION WATER XEL'S SLOCATION WITH AN X* IN SECTION BOX:       4       DEPTH OF WELL 53.50       ft.         W                Steel Provide:                3       MARK WELL'S LOCATION WITH AN X* IN SECTION BOX:       4       DEPTH OF WELL 53.50       ft.            W
Street/Rural Address of Woll Location; if unknown, distance & direction from neurest lown or intersection; If at owner's address, check here [] 7 south & 2 3/4 west of Kinsley, Ks.       Clobal Positioning Systems (GPS) information: Latitude: 37.81078         2       WATER WELL OWNER: City of Hays RR?, St. Address, Box #: P.O. Box 56       [] GPS unit (Make/Model:
direction from nearest town or intersection: If at owner's address, check here □       7 south & 2 3/4 west of Kinsley, Ks.       Latitude: 37.81078       (in decimal degrees)         Longitude: 92047144       (in decimal degrees)         2       WATER WELL OWNER: City of Hays       (in decimal degrees)         RR/, St. Address, Box #:       P.O. Box 56       []       Offs unit (Make/Model:         2       WATER WELL'S LOCATION       4       DEPTH OF WELL 53.50       ft.         3       MARK WELL'S LOCATION BOX:       N       DepTH OF WELL 53.50       ft.         WITH AN *X* IN SECTION BOX:       N       DepTH OF WELL 53.50       ft.         W       N       N       Public Water Supply       Dewatering, Onif Field Water Supply       Dewatering, Onif Field Water Supply         W       N       N       Well. VAS USED AS:       Public Water Supply       Dewatering, Onif Field Water Supply         W       Steel       Steel       RMP (SR)       Wrought       As chemical/bacteriological sample submitted to Department? Yes       No []         Steel       PVC       ABS       Most came and industrial       If yes, how much       Casing height above or below land surface 36         Steel       PVC       ABS       Wought as the heartst source of possible contamination:       Secore fines       No []
aleck here       7 south & 2 3/4 west of Kineley, Ks.         Longitude:       99.47144       (in decimal degrees)         2       WATER WELL OWNER:       City of Hays       Collection Method:       Collection Method:         2       WATER WELL OWNER:       City of Hays       P.O. Box 56       Collection Method:       Collection Method:         2       WATER WELL OWNER:       City of Hays       P.O. Box 56       Collection Method:       Collection Method:         3       MARK WELL'S LOCATION BOX:       A DEPTH OF WELL 53.50       ft.       State ZIP Code:       Hays, Ks. 67601         3       MARK WELL'S LOCATION BOX:       A DEPTH OF WELL 53.50       ft.       WELL WAS USED AS:       Domestic       Public Water Supply       Dewatering, Monitoring Injection Well         3       MARK WELLS'S LOCATION BOX:       Versel was a chemical/bacteriological sample submitted to Department? Yes       No [2]         5       TYPE OF BLANK CASING USED:       Domestic       Public Water Supply       Domestic Outer (Specify below)         6       GROUT PLUG MATERIAL:       Neat cament       Concrete Tile       Other (Specify below)         6       GROUT PLUG MATERIAL:       Neat cament       Concrete Tile       Other       ft.         8       Sewer lines       Sepage pit       Fuel Storage
2       WATER WELL OWNER: City of Hays RR#, 5t. Address, Box #: P.O. Box 56 City. State ZIP Code: Hays, Ks. 67601       Datum: DwGS84, Z NAD83, NAD27 Collection Method: Digital MapPhoto, Doparaphic Map, Land Survey Est. Accuracy: C < 3 m. 3-5 m, S-15 m, > 15 m         3       MARK WELL'S LOCATION BOX: N       4       DEPTH OF-WELL 53.50 ft. WELL'S STATIC WATER LEVEL 30 ft. WELL'S STATIC WATER LEVEL 30 ft. WELL VAS USED AS: Domestic Predot Domestic Clawn & Garden) donitoring Domestic Clawn & Garden) donitoring Nonitoring Was a chemical/bacteriological sample submitted to Department? Yes No Z         5       TYPE OF BLANK CASING USED: Steel       Wrought Absestos-Cement       Fiberglass Fiberglass In.       Other (Specify below)         6       GROUT PLUG MATERIAL: Near casing fuelde? Yes in.       No Z       If yes, how much Sever fines       Near casing fuelde? Yes in.       No Z         6       GROUT PLUG MATERIAL: Near casing fuelde? If yes, how much Sever fines       Near cement Pit privy Severe fines       Near cement Pit privy Severe fines       Fiberglass In.       Other (specify below)         6       GROUT PLUG MATERIAL:       Near cement Pript privy Severe fines       Fiberglass In.       Other (specify below)         9       Sever fines       Prom
2       WATER WELL OWNER: RR#; St. Address, Box #: City, State ZLP Code:       City of Hays P.O. Box 56 Hays, Ks. 67601       GPS unit (Make/Model: Digital Map/Photo, ] Topographic Map, ] Land Survey         3       MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:       4       DEPTH OF WELL 53.50 N       ft.         W       N       N       Section       GPS unit (Make/Model: Digital Map/Photo, ] Topographic Map, ] Land Survey         W       N       N       Section       Section       Section         W       N       N       Section       Section       Section         W       N       N       N       Section       Section         W       N       N       N       N       N       Section         W       N       N       N       N       N       N         W       N       Section       N       N       N       N         W       Section       N       N       N       N       N       N         State       N       N       N       N       N       N       N       N       N         Section       N       N       N       N       N       N       N       N       N       N
2       RNM; St. Address, Box #: City, State ZIP Code:       PO, Box 56 Hays, Ks. 67601       Digital Map/Photo, □ Topographic Map, □ Land Survey Est. Accuracy: □ < 3 m. □ 3-5 m, □ 5-15 m. □ > 15 m         3       MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX: N       4       DEPTH OF WELL 53.50 (WELL'S STATIC WATER LEVEL 30) (Diffed Water Supply) Domestic Irrigation Feedlot Industrial       ft.         W       NU       E.       Domestic Irrigation SW       Domestic Irrigation SW       Public Water Supply Domestic (Lawn & Garden) Air Conditioning       Dewatering. Monitoring Domestic (Lawn & Garden) Dother         SW       SE       Industrial SE       Wrought Air Conditioning       Diffed Water Supply Domestic (Lawn & Garden) Dother       Dewatering. Monitoring Dother         5       TYPE OF BLANK CASING USED:       Industrial Assestos-Cement       Fiberglass Concrete Tile       Other (Specify below)         Steel       RMP (SR)       Wrought Asbestos-Cement       Fiberglass Concrete Tile       Other (Specify below)         Blank casing diameter 16 In.       In.       Was casing pulled? Yes Ino I       No I       If yes, how much If yes, how much Concrete Tile         Blank tasing height above or below land surface 36 In.       In.       Cement grout       Bentonite       Other Industrial         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other Industrial       Other Industria
City, State ZIP Code:       Hays, Ks. 67601       Est. Accuracy:       < 3 m.
3       MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:       4       DEPTH OF WELL 53:50
WITH AN "X" IN SECTION BOX:       WELL'S STATIC WATER LEVEL 30
N       N
NW       NU       NU       Public Water Supply Domestic (Lawn & Garden)       Dewatering. Monitoring Injection Well         W       SE       Was a chemical/bacteriological sample submitted to Department? Yes       No       No         5       TYPE OF BLANK CASING USED:       Was a chemical/bacteriological sample submitted to Department? Yes       No       No         5       TYPE OF BLANK CASING USED:       Steel       RMP (SR)       Wrought Asbestos-Cement       Fiberglass Concrete Tile       Other (Specify below)         Blank casing diameter 16       in       Was casing pulled? Yes       No       No       If yes, how much         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other (Specify below)         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other (specify below)         Septic tank       Seepage pit       Fuel Storage       Fortilizer storage       More       None         What is the nearest source of possible contamination:       Seepage pit       Fuel Storage       Other (specify below)       None         None       Pit privy       Sewage lagoon       Insecticide storage       Direction from well?       Direction from well?       Direction from well?
W       Irrigation       Oil Field Water Supply       Monitoring         Sw       SE       Irrigation       Feedlot       Injection Well         Sw       SE       Was a chemical/bacteriological sample submitted to Department? Yes       No I         S       TYPE OF BLANK CASING USED:       Wrought       Fiberglass       Other (Specify below)         PVC       ABS       Wrought       Asbestos-Cement       Fiberglass       Other (Specify below)         Blank casing diameter 16       in       Was casing pulled? Yes       No I       If yes, how much         Casing height above or below       Indext cement       Cement grout       Bentonite       Other         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other         Seweir lines       Seweir lines       Seepage pit       Fuel Storage       Other (specify below)       None         Vatertight seweir lines       Sewage lagoon       Insecticide storage       None       Other (specify below)       None         None       Vatertight seweir lines       Sewage lagoon       Fuel Storage       Other (specify below)       None         None       Pitprivy       Sewage lagoon       Insecticide storage       None       None       None
W       Sec       Feedlot       Domestic (Lawn & Garden)       Injection Well         Sw       Se       Was a chemical/bacteriological sample submitted to Department? Yes       No 📝         S       TYPE OF BLANK CASING USED:       Was a chemical/bacteriological sample submitted to Department? Yes       No 📝         Steel       RMP (SR)       Wrought Asbestos-Cement       Fiberglass Concrete Tile       Other (Specify below)         Blank casing diameter 16       in.       Was casing pulled? Yes       No 🖉       If yes; how much         Casing height above or below land surface 36       in.         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other         Grout Plug Intervals:       From 30.20 ft. to 3       ft.,       From
SN       SE         Was a chemical/bacteriological sample submitted to Department? Yes       No Z         5       TYPE OF BLANK CASING USED:         Z       Steel       RMP (SR)       Wrought Asbestos-Cement       Fiberglass Concrete Tile       Other (Specify below)         Blank casing diameter 16       in.       Was casing pulled? Yes       No Z       If yes, how much         Gasing height above or below land surface 36       in.         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other
5       TYPE OF BLANK CASING USED:
Image: Steel PVC ABS       RMP (SR) Assestos-Cement Score Tile Concrete Tile       Other (Specify below)         Blank casing diameter 16 in. Was casing pulled? Yes No If yes, how much Casing height above or below land surface 36 in.       If yes, how much Casing height above or below land surface 36 in.         6 GROUT PLUG MATERIAL:       Neat cement Image: Neat cement Comparison of the compa
PVC       ABS       Asbestos-Cement       Concrete Tile         Blank casing diameter 16       in.       Was casing pulled? Yes       No I If yes, how much         Casing height above or below land surface 36       in.         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other         6       GROUT PLUG MATERIAL:       Neat cement       Cement grout       Bentonite       Other         6       Grout Plug Intervals:       From 30.20 ft. to 3       ft.,       Fromft.       ft.;       Fromtoft.         What is the nearest source of possible contamination:       Seepage pit       Fuel Storage       Other (specify below)       None         Sewer lines       Pit privy       Sewage lagoon       Insecticide storage       Direction from well?
Casing height above or below land surface 36in.         6       GROUT PLUG MATERIAL:       Neat cement       Image: Cement grout       Bentonite       Other         6       GROUT PLUG MATERIAL:       Neat cement       Image: Cement grout       Bentonite       Other         6       Grout Plug Intervals:       From 30.20 ft. to 3 ft.,       Fromft.       toft.;       Fromft.         6       Grout Plug Intervals:       From 30.20 ft. to 3 ft.,       Fromft.;       Fromft.;         7       What is the nearest source of possible contamination:       Seepage pit       Fuel Storage       Fortilizer storage         8       Sewer lines       Pit privy       Fortilizer storage       None       Other (specify below)         None       Sewage lagoon       Insecticide storage       Direction from well?       Direction from well?
Grout Plug Intervals:       From 30.20       ft.       to 3       ft.,       Fromft.       ft.       toft.;       Fromtoft.         What is the nearest source of possible contamination:       Seepage pit       Fuel Storage       Seepage pit       Pit privy       Fortilizer storage       Other (specify below)         Sewer lines       Pit privy       Fortilizer storage       None       Direction from well?       Direction from well?
Grout Plug Intervals:       From 30.20       ft.       to 3       ft.,       Fromft.       ft.       toft.;       Fromtoft.         What is the nearest source of possible contamination:       Seepage pit       Fuel Storage       Fuel Storage       Other (specify below)         Sewer lines       Pit privy       Fortilizer storage       None       Other (specify below)         Watertight sewer lines       Sewage lagoon       Insecticide storage       Direction from well?
What is the nearest source of possible contamination:         Septic tank       Seepage pit         Sewer lines       Pit privy         Watertight sewer lines       Sewage lagoon         Lateral lines       Feedyard
Septic tank       Seepage pit       Fuel Storage         Sewer lines       Pit privy       Fertilizer storage         Watertight sewer lines       Sewage lagoon       Insecticide storage         Lateral lines       Feedyard       Abandoned water well
Septic tank       Seepage pit       Fuel Storage         Sewer lines       Pit privy       Fertilizer storage         Watertight sewer lines       Sewage lagoon       Insecticide storage         Lateral lines       Feedyard       Abandoned water well
Watertight sewer lines         Sewage lagoon         Insecticide storage           Lateral lines         Feedyard         Abandoned water well         Direction from well?
Lateral lines . Feedyard Abandoned water well Direction from well?
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a no a construction of the second
FROM         TO         PLUGGING MATERIALS         FROM         TO         PLUGGING MATERIALS
53.50     30.20     Chlorinated gravel       30.20     3     Gement grout
3 0 Top soil
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was
completed on (mo/day/year) 2-6-15 and this record is true to the best of my knowledge and belief. Kansas Water
Well Contractor's License No. 134 : This Water Well Record was completed on (ino/day/year) 2-12-15 under the business name of Rosencrantz-Bernis by (signature)
INSTRUCTIONS: Use typewriter or ballpoint pen. Please press firmly and print clearly. Please fill in blanks, underline or circle the
correct answers: Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 785/296-5524. Send one to Water Well Owner and retain one for your