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 ¹ ⁄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	N 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
			ļ			ļ		,										
								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
			·																
									Se	e Atta	achm	ent							

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

and the state of the second state of the secon		
IF MORE SPACE IS NEED	DED, ATTACH ADDITIONA	L SHEETS AS NECESSARY

Amended Substitute Page

22332	
-------	--

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	(E /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	–				•
ا ۲۰	· · · · · · · · · · · · · · · · · · ·					
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.

the state of the state of the

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.¹

c. The City of Russell, Kansas and its immediate vicinity.²

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.

¹ See Exhibit L.

² 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 use³ on 125 acres in the SE/4 of Section 2-T26S-R20W, or 1.85 acre-feet per acre.⁴ The Certificate further limited the rate of the wells to 980 gallons per minute when operated simultaneously.⁵

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."⁶

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

• 205 acre-feet⁷ and 144 acre-feet⁸ (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.⁹

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.

⁶ March 19, 1976, letter (emphasis added), HAYS002781, Ex. D.

⁷ FIR, HAYS002759, Ex. E.

⁸ FIR, HAYS002768, Ex. F. d. 344

⁹ 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

³ Permit, HAYS002782, Ex. A.

⁴ Application, HAYS002775, Ex. B.

⁵ 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.
				ion: If at owner's address,	Latitude:	37.81107		(in decimal degrees)
	check l	iere 🗌 7 sou	uth & 2 3/4 w	est of Kinsley, Ks.	Longitude Elevation		0	(in decimal degrees)
				•	Datum:	U WG	S84, 🛛 NAD83,	NAD27
ate <u>ta</u> e ar No de ar	<u>، د این از این از این از این از این از این این این این این این این این این این</u>	e de la companya de l Companya de la companya de la company Companya de la companya de la company	nya katang ka Katang katang	in a second s Second second	Collection		A. 41	
2		ER WELL OW St. Address, Bo		-		S unit (Mak	oto,	Aap Land Survey
		State ZIP Code	••••	Box 56 ; Ks. 67601	1	-	<u>3 m. 3-5 m. </u>	
			T id y c	1 <u> </u>			<u>3 m. </u>	-5-15 m, -1 > 15 m
3	MARI WITH	K WELL'S LO I AN "X" IN S	CATION ECTION	4 DEPTH OF WELL	and the second			
1	BOX:	N.		WELL'S STATIC W	ATER LEVI	EL 22.60	ft	•
	, <u>, , , ,</u>			WELL WAS USED :	AS:			
ļ.	<u></u> .	WW	NE -	Domestic		Water Supp		itering
w			E	✓ Irrigation Feedlot		d Water Su ic (Läwn &		toring tion Well
		św	SE	Industrial		ditioning	Other	
		X		Wás a chemical/bacter	iological sar	nole submi	ited to Department?	
	میں ہوئے تربید موجد	S						
5	ТҮРЕ	OF BLANK	CASING USE	CD:		•. •		gi a se
			MP (SR)	Wrought Asbestos-Coment	Fiberglass Concrete Tile		Other (Specify below)	
	ييني د ده	. فيسا				-		
	Casin	casing diamete g height above	or <u>below</u> land	Was casing pulled? Yes surface 36 in.		It yes, he	w much	
<u>.</u>	 						Π.	
6	GRO	JT PLUG MA					iite U Other	
	Grout	Plug İntervals:	From 22.	<u>70 ft. to 3 ft., i</u>	rom	fito	ft., From	to <u>f</u> t.
	S S L	s the nearest so eptic tank ewer lines /atertight sewe ateral lines ess pool	r lines	it privy Fertil ewage lagoon Insec eedyard Aban	Storage izer storage ticide storag doned water ell/Gas well	e well Dir	Other (specify below) None rection from well? w many feet?	· 1
	FRO	м то	PLL	GING MATERIALS	FROM	ТО	PLUGGING	MATERIALS
	43.40	the second s	Chlorinate					· · · · · · · · · · · · · · · · · · ·
	22.70		Cement gr				Water Reso	urces
	3	0 · · ·	Top soil				Receive	
		·····	-				AAAD OF	NUM
			-				MAR 257	.013
	<u></u>	<u></u>	10 10 10 10 10 10 10 10 10 10 10 10 10 1	a ann an Aonaichtean an			KS Dept Of Ag	Plouliuse .
com We	pleted I Cont	RACTOR'S C on (mo/day/ye actor's License ame of <u>Roser</u>	ar) <u>2-6-15</u> No. <u>134</u>	. This Water Well	cord is true Record was	to the best completed	vas plugged under m	y jurisdiction and was d belief. Kansas Water 2-15 under the
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
	,	, , , , , , , , , , , , , , , , , , ,	1				W	nite copy

22332

10-1-(-+++)

۰ ۲

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?
Cess poor
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