WATE	R WEI	LL RECORD	Form W	WC-5	Di	ivision of Wate	r Resources App. N	35,693			
		OF WATER WELL:	Fraction		Santi	on Number	Township No.	Range Number			
	nty: Mor		" "NE" SE	14 SE 1	4	2	T 34 S	R 40 □E			
		Address of Well Location;				Global Positioning System (GPS) information:					
from	nearest t	own or intersection: If at	owner's address, check	Latit	Latitude: .37.11507 (in decimal degrees)						
202	8th Ave).		Long	Longitude: 101.62908 (in decimal degrees)						
Rol	la, KS 6	7954			Elevation: 3328						
2 WA	TER W	ELL OWNER: City of F	Rolla, KS		- <u>Datum</u> : ☐ WGS 84, ☐ NAD 83, [7] NAD 27 Collection Method:						
		Oity Oi i	shington		GPS unit (Make/Model: Magel./Triton 300						
City	, State, Z	TD CL. 1.	S 67954			☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey					
					Est. A	Accuracy: <a> 	3 m, □ 3-5 m, □	5-15 m, \square >15 m	1		
	ATE WE		COMBLETED WELL	448		۵					
	H AN "X FION BO	AN "X" IN 4 DEPTH OF COMPLETED WELL 448 ft.									
SEC	N N	WELL'S STAT	IC WATER LEVEL 1	37.5		land surface i	measured on mo/d	3)	n.		
	SECTION BOX: N Depth(s) Groundwater Encountered (1)										
,,	W N	FOT MILE	gpm. Well water								
w N	W N	E Bore Hole Diam	eter 30in. to	148	.ft., and .	in.	to	ft.	5F		
			TO BE USED AS: 🔽					njection well			
51	v s	Domestic				y 🔲 De		Other (Specify bel	low)		
	₩ S	X ☐ Irrigation					onitoring well				
L		Was a chemical/	bacteriological sample				Yes 🗹 No				
,	S		day/yr sample was sub		• • • • • • • • • • • • • • • • • • • •						
	1 mile	Water well disin	fected? Yes	No							
5 TYP	E OF CA	SING USED: Stee					****				
CASIN	G JOIN	S: Glued Clar	nped 🗹 Welded	☐ Thread	ed						
Casir	ig diamet	er .16. in. to .448.	ft., Diameter	in	. to	ft., D	iameter	in. to	ft.		
		above land surface12		62.64	lbs./f	ft., Wall thic	kness or gauge N	o3 <u>75</u>			
		EEN OR PERFORATION		-	-						
_	Steel	Stainless Steel	PVC None used (open he	-1-)	_] Other (Specify)	•••••	•••••			
	Brass	☐ Galvanized Steel ERFORATION OPENING	None used (open no	oie)					İ		
			Gauze wrapped	Torch cut	[] Dri	illed holes	☐ None (open hole	e)			
	Louvered	shutter Key punched	Wire wrapped] Saw cut	Oth	ner (specify)					
SCREE	N-PERF	ORATED INTERVALS:	From. 266 f	t. to282		ft., From	325 ft. 1	to350	ft.		
			From375	ft. to385		ft., From	398& 434 ft.	to408& 441	ft.		
	GRAV	EL PACK INTERVALS:									
			From								
		TERIAL: Neat ceme	ent [V] Cement grout	M Bent	onite L	Other					
	ntervals:	From .0 ft. to			. n. to	1.1.9 ft.,	From	ft. to	tt.		
				Livestock	nene	☐ Insecticide	storage	per (enecify below)			
					Livestock pens						
		ht sewer lines		Fertilizer		Oil well/ga		•••••			
Dire	ction from	n well		Distanc	e from w	ell					
FROM	ТО	LITHOLOG	IC LOG	FROM	TO	LITHO. LO	OG (cont.) or PLU	GGING INTERV	ALS		
0,	2'	Surface		117'	124'	Sand Fine					
2'	11'	Grey, Brown Clay and C	Caliche	124'	130'	Brown Cla			_		
11	21'	Sand Fine - Loose		130'	145'	Sand Silty,	Fine, Few Clay				
21'	25'	Grey, Yellow - Clay		145'	165'		Red/Brwn Clay	& Limerock			
25'	39'	Sand Fine		165'	180'	Sand Silty,					
39'	49'	Sand Fn to Md. Crs., S	m to Md. Grvl	180'	212'	Red-Brwn	Clav. few Silty S	Sands			
49'	53'	Brown Clay		212'	223'	Sand, Silty					
53'	77'	Sand Fn. to Md. Crs., S	Sm. to Lg. Gr	223'	266'	Red-Brwn					
77'	83'	Brown, White Clay		266'	283'	Sand Silty,					
83'	117'	Brwn Clay, Cmntd San		283'	325'		few Limerock	- Cont. o			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ✓ constructed, ☐ reconstructed, or ☐ plugged											
under my jurisdiction and was completed on (mo/day/year) .8/10/09 and this record is true to the best of my knowledge and belief.											
Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) 19/9/09											
under the business name of Henkle Drilling & Supply Co. Inc. by (signature) fruit Fricken. H.											
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and eleck the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367.											
Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at											
http://ww	http://www.kdheks.gov/waterwell/index.html.										
KSA 82a	-1212				Cl	heck: 🗸 Wh	nite Copy, Blu	ue Copy, Pin	k Copy		

WATER WELL		Form W	WC-5	D	ivision of Wate	r Resources App. N	o. L				
1 LOCATION OF	WATER WELL:	Fraction			on Number		Range Number				
County:		1/4 1/4 1/4 1/4			T S R DE D						
	ress of Well Location; in or intersection: If at o			Global Positioning System (GPS) information:							
l .		•		Latitude: (in decimal degrees) Longitude: (in decimal degrees)							
This page added to complete lithologic log only!!! Needed Extra Room.					Elevation: (in decimal degrees)						
			- Datur	Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27							
2 WATER WELL					Collection Method:						
RR#, Street Add City, State, ZIP					GPS unit (Make/Model:)						
City, State, Zir	code :				☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m						
3 LOCATE WELL				<u> Lat.</u> F	tecuracy.	5 m, [] 5-5 m, []	J-13 III,				
WITH AN "X" IN		COMPLETED WEL									
SECTION BOX:	[- [- (-)										
N	N WELL'S STATIC WATER LEVELft. below land surface measured on mo/day/yr										
	Pump	test data: Well wate	r was	f	t. after	hours pum	ping gpm				
NW NE	EST. YIELD	gpm. Well water was									
W		Bore Hole Diameterin. toft., andin. toft. VELL WATER TO BE USED AS: Public water supply Geothermal Injection well									
	□ Domostic										
SW SE	☐ Irrigation										
		bacteriological sample									
s	If yes, mo/	day/yr sample was sut									
1 mile	Water well disin	fected? Yes	No								
5 TYPE OF CASI	NG USED: Steel	□ PVC □ (Other								
	☐ Glued ☐ Clan										
	in. to				ft., D	iameter	in. to ft.				
	ve land surface			lbs./1	ft., Wall thic	kness or gauge N	0				
	OR PERFORATION		_								
	Stainless Steel Galvanized Steel	PVC		Other (Specify)	•••••	•••••				
	Galvanized Steel FORATION OPENING	☐ None used (open h	ole)								
	slot Mill slot	Gauze wrapped	Torch cut	□Dr	illed holes	☐ None (open hole	e)				
Louvered shi	utter Key punched	☐ Wire wrapped [☐ Saw cut	Otl	ner (specify)		•••••				
SCREEN-PERFOR	ATED INTERVALS:										
							to ft.				
GRAVEL	PACK INTERVALS:										
(CDOUT MATE	DYAY. CINIA	From	n. to		ft., From	n.	to ft.				
	RIAL: Neat ceme From ft. to										
	source of possible conta		1	. 11. 10	11.,	F10III	16. 60				
Septic tank	Lateral lin	es Pit privy	Livestock	pens	☐ Insecticide	storage Oth	er (specify below)				
☐ Sewer lines	☐ Cesspool	Sewage lagoon	Fuel stora	ge	☐ Abandoned	l water well					
	ewer lines		Fertilizer	_	Oil well/ga						
	ell				ell		ICCINIC INTERVALO				
FROM TO 325' Sa	LITHOLOG	IC LOU	FROM 457'	TO 470'	Redbed	OG (CONL.) OF PLU	GGING INTERVALS				
	and Silty, thin Clay and Fine to Small, thi	Clay	457	470	reubed						
	own-Yellow Clay - St										
	andstone - fairly loose										
	own & Yellow Sansto										
	pastone, some Sand										
	Yellow/White Soapstone										
	Red Sopastone										
	Soapstone, some Sandstone										
441' 457' Sc	Soapstone, few Red										
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ✓ constructed, ☐ reconstructed, or ☐ plugged											
under my jurisdiction and was completed on (mo/day/year) .8/10/09 and this record is true to the best of my knowledge and belief.											
Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/year) .10/9/09											
under the business name of Henkle Drilling & Supply Co. Inc by (signature) Burney Burker All INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies											
							t answers. Send three copies Topeka, Kansas 66612-1367.				
							onstructed well. Visit us at				
http://www.kdheks.gov/v											
KSA 82a-1212				C	heck: 🖊 Wh	nite Copy, 🔲 Blu	ue Copy, Pink Copy				