	_	_	WWC-5		rision of Water			L3N		
			ge in Well Use		ources App. No		Well ID	No		
	ITON OF V _{y:} Atchison	VATER WELL:	Fraction NE 1/4 NW 1/4		ction Number 31	Township Numb		e Number ■ E □ W		
2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and										
	City of A		ntersection): If at owne	r's address, ch	eck here:					
Address:	1801 Ma	in Street		1.1 Miles NNE of the intersection of River Road and Ato				tchison		
City:	Atchison	State: KS	ZIP: 66002	Street, Atch	ison, Kansa	ıs				
3 LOCAT		4 DEPTH OF COM	MPLETED WELL:	92 fi	. 5 Latitud	de: 39.5793	67 (de	ecimal deorees)		
WITH "		Depth(s) Groundwater	Encountered: 1)13	3.9 _{ft} .	Longit	Longitude: -95.103377 (decimal degrees)				
2) ft.			3) ft., or 4) [Dry Well	Horizon	Horizontal Datum: ■ WGS 84 □ NAD 83 □ NAD 27				
WELL'S STATIC ■ below land sur			TER LEVEL:		Source	Source for Latitude/Longitude: GPS (unit make/model: Garmin eTrex 10)				
NWNE □ above land surfa			, measured on (mo-day	·yr)		(WAAS enabled? ■ Yes □ No)				
		Pump test data: Well v			☐ Laı	☐ Land Survey ☐ Topographic Map				
W	E		s pumpingvater was		☐ On	☐ Online Mapper:				
SW	SE	after hour	s pumping		4	700				
Estimated Yield:N			gpm		6 Elevati	6 Elevation: .789				
							Other			
		O BE USED AS:	III. 10	11.	L					
1. Domestic			ater Supply: well ID		10. 🗌 Oil	Field Water Supply: 1	ease			
	☐ Household 6. ☐ Dewatering: how many wells?									
☐ Lawn	& Garden	7. ☐ Aquifer R	echarge: well IDg: well ID	L3N Coethormel, how many bees?						
2. Irrigat			al Remediation: well II							
3. Feedlo	3. ☐ Feedlot ☐ Air Sparge ☐ Soil Vapo				extraction b) Open Loop Surface Discharge Inj. of Water					
4. Indust		☐ Recovery				er (specify):				
Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ■ No If yes, date sample was submitted:										
Water well disinfected? ☐ Yes ☐ No 8 TYPE OF CASING USED: ☐ Steel ☐ PVC ☐ Other										
Casing diameter 2 in to ft Diameter in to ft Diameter in to ft										
Casing diameter 2 in. to 72 ft., Diameter in. to ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 36 in. Weight 0.068 lbs/ft. Wall thickness or gauge No. Schedule 40										
I		R PERFORATION MA				(G'6)				
☐ Steel	☐ Steel ☐ Stainless Steel ☐ Fiberglass ☐ PVC ☐ Other (Specify) ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)									
_		RATION OPENINGS A		open ner	-)					
_	nuous Slot					Other (Specify)				
COPERN I	ered Shutter	☐ Key Punched ☐ W	/ire Wrapped ☐ Sa	w Cut ∐ 1	None (Open Ho	ole)	ft to	A		
SCREEN-PERFORATED INTERVALS: From .72 ft. to .92 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 67 ft. to 92 ft., From ft. to ft., From ft. to ft.										
9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☐ Bentonite ☐ Other										
Nearest sou		ole contamination:	es 🗌 Pit Privy	П	Livestock Pen	s 🗆 Insecti	cide Storage			
Sewer		Cess Pool			Fuel Storage		loned Water We	ell		
	ight Sewer L		☐ Feedyard		Fertilizer Stora		ell/Gas Well			
☐ Other ((Specify)	Α	Distance from w	 e11?		f	,			
10 FROM		LITHOLO	GIC LOG	FROM		LITHO. LOG (cont.) o		INTERVALS		
0	27	Clay								
27	92	Sand								
92	92	Shale Bedrock								
				Notes:	I					
	Locking 4" steel protective casing installed and cemented in place									
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION. This was a substitute of the substitut										
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was lonstructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) .9/6/2023										
Kansas Wa	iter Well Co	ontractor's License No ne of Terracon Consu	778 This Wa	ater Well Red	ord was com	pleted on mo-day-	gay / to			
under the b	usiness nan	ne of erracon Consul	riants, inc.	Si	gnature	nyronment Russey of H	Jator GWTS San	rtion		
	Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Buseau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.									
	Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015									

OWNER:	City of A	tchison, KS	BORING/WELL NO.	Land Line: OB #3 (L3N) PAGE 1 OF 1 PAGES				
LOCATIO	N:	North Test Well S	Site	SCREEN: PVC				
				DIAMETER: 2-inch SLOT NO. 0.02-inch				
DATE CO	MPLETE	:D:		SETTING: 72 to 92 feet below ground				
DRILLING	COMP	ANY:	Terracon	SAND PACK:				
				SETTING: 67 to 92 feet below ground				
DRILLING	METHO	D: Rotary		CASING: 2-inch PVC				
SAMPLIN	IG METH	OD: Split spoon	with 2-inch or 3-inch sampler	SETTING: +2.58 to 72 feet below ground				
OBSERV	ER:	Martha Silks		SEAL TYPE: bentonite pellet grout 67 to surface				
REFERENCE POINT: Native ground surface			Native ground surface	DEVELOPMENT: by pump				
REFERENCE POINT ELEVATION: 790.997 feet msl				DURATION: until discharge appeared clear (minimum of 3 well volumes)				
STICK-U	:	2.58 feet above g	round surface					
SURFACI	COMPI	LETION:	Steel locking casing, cement grout	WATER LEVEL: 19.96 feet below top of PVC casing				
REMARK	S:			YIELD: na				
DEPTH IN FEET Spl. Type (Rec.)				GEOLOGIC DESCRIPTION				
FROM	TO	/ blow counts						
0	5	WB	sand, light brown, fine					
5	15	WB	clay, light brown, sandy					
15	27	WB	clay, dark gray, sandy					
27	53	WB	sand, gray, medium to coarse					
53	69.5	WB	sand, gray, very coarse					
69.5	71.5	SS (13") 11,10,18,19	sand, gray, medium to fine, with lignite					
71.5	73.5	SS (12") 11,10,16,16	sand, gray, medium to fine sand, trace rocks and coarse sand					
73.5	75.5	SS (10") 10,12,8,9	AA, no rocks and layers of brown-gray sand, trace coal					
75.5	77.5	SS (9") 8,9,13,13	AA, trace rocks and no coal, trace small black grains of lignite					
77.5	79.5	SS (10") 7,8,10,11	AA, no rocks, with trace very fine black grains of lignite					
79.5	81.5	SS (11") 7,12,7,8	AA, with layers of brown-gray sand, trace small gravel and coarse sand, no black grains of lignite					
81.5	83.5	SS (8") 14,15,17,18	AA, with trace pea gravel and thin lneses of black lignite rich sand					
83.5	85.5	SS (9") 8,11,11,11	AA, with lenses of coal					
85.5	87.5	SS (0") 5,7,18,18	no sample					
87.5	89.5	3" SS (10") 7,9,15,22	AA, slightly coarser					
89.5	91.0	3" SS (6") 41,14,50/2"	AA (like the 83' sample) with large rocks, boulders					
91.0			Shale					