

**WATER WELL RECORD Form WWC-5**

Division of Water Resources App. No.

**R3N**

Original Record  Correction  Change in Well Use

Well ID

<b>1 LOCATION OF WATER WELL:</b> County: Atchison	Fraction NE ¼ NW ¼ ¼ ¼	Section Number 31	Township Number T 5 S	Range Number R 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: City of Atchison Business: City of Atchison Address: 1801 Main Street Address: City: Atchison State: KS ZIP: 66002	First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> 1.1 Miles NNE of the intersection of River Road and Atchison Street, Atchison, Kansas
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N <table style="width: 100%; text-align: center;"> <tr> <td style="border: 1px solid black; width: 25px; height: 25px;">X</td> <td style="border: 1px solid black; width: 25px; height: 25px;"></td> </tr> <tr> <td style="border: 1px solid black; width: 25px; height: 25px;">NW</td> <td style="border: 1px solid black; width: 25px; height: 25px;">NE</td> </tr> <tr> <td style="border: 1px solid black; width: 25px; height: 25px;">SW</td> <td style="border: 1px solid black; width: 25px; height: 25px;">SE</td> </tr> </table> S  -----1 mile-----	X		NW	NE	SW	SE	<b>4 DEPTH OF COMPLETED WELL:</b> 81.5 ft. Depth(s) Groundwater Encountered: 1) 15.2 ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 15.2 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 08-22-23. <input type="checkbox"/> above land surface, measured on (mo-day-yr) ..... Pump test data: Well water was NA ft. after ..... hours pumping ..... gpm Well water was ..... ft. after ..... hours pumping ..... gpm Estimated Yield: NA gpm Bore Hole Diameter: 6 in. to 82.5 ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> 39.579308 (decimal degrees) <b>Longitude:</b> -95.103880 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: Garmin eTrex 10) (WAAS enabled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: ..... <b>6 Elevation:</b> 790 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....
X								
NW	NE							
SW	SE							

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID R3N 9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): .....
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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 JOINTS:  Glued  Clamped  Welded  Threaded  
 Casing diameter 2 in. to 61.5 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  
**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) .....  
 Brass  Galvanized Steel  Concrete tile  None used (open hole)  
**SCREEN OR PERFORATION OPENINGS ARE:**  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) .....  
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)  
**SCREEN-PERFORATED INTERVALS:** From 61.5 ft. to 81.5 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From 57 ft. to 81.5 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....  
 Grout Intervals: From 57 ft. to 0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**Nearest source of possible contamination:**  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) .....  
 Direction from well? NA Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	23	Clay			
23	81.5	Sand			
81.5	82.5	Shale bedrock			

**Notes:**  
 Locking 4" steel protection casing installed and cemented in place

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) 8/22/2023 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 778 This Water Well Record was completed on (mo-day-year) ..... under the business name of Terracon Consultants, Inc. Signature *[Signature]*

<b>OWNER:</b> City of Atchison, KS	<b>BORING/WELL NO.</b> River Line OB #3 (R3N)	<b>PAGE</b> 1 <b>OF</b> 1 <b>PAGES</b>
<b>LOCATION</b> North Test Well Site	<b>SCREEN:</b> PVC	
	<b>DIAMETER:</b> 2-inch	<b>SLOT NO.</b> 0.02-inch
<b>DATE COMPLETED:</b> 8/22/2023	<b>SETTING:</b> 61.5 to 81.5 feet below ground	
<b>DRILLING COMPANY:</b> Terracon	<b>SAND PACK:</b>	
	<b>SETTING:</b> 57 to 81.5 feet below ground	
<b>DRILLING METHOD:</b> Rotary	<b>CASING:</b> 2-inch PVC	
<b>SAMPLING METHOD</b> Split spoon with 2-inch or 3-inch sampler	<b>SETTING:</b> + 3.25 to 81.5 feet below ground	
<b>OBSERVER:</b> Martha Silks	<b>SEAL TYPE:</b> bentonite pellet grout to ground surface	
<b>REFERENCE POINT:</b> Native ground surface	<b>DEVELOPMENT:</b> by pump	
<b>REFERENCE POINT ELEVATION:</b>	<b>DURATION:</b> until discharge appeared clear (minimum of 3 well volumes)	
<b>STICK-UP:</b> 3.25 feet above ground level		
<b>SURFACE COMPLETION:</b> steel locking casing, cement grout	<b>WATER LEVEL:</b> 17.94 feet below top of PVC casing	
<b>REMARKS:</b>	<b>YIELD:</b> na	

DEPTH IN FEET		Spl. Type / Recovery	GEOLOGIC DESCRIPTION
FROM	TO		
0	5	WB	clay, brown, silty
5	11	WB	AA
11	23	WB	clay, gray, soft, fat
23	69.5	WB	sand, gray, fine to coarse
69.5	71.5	SS (10") / 8-9-5-6	sand, gray, medium to fine, trace/ coarse and very fine sand and small gravel (poor recovery)
71.5	73.5	SS (10") / 7-8-6-9	sand, gray, medium to fine, trace/ coarse and very fine sand and small gravel (poor recovery)
73.5	75.5	/ 10-13-13-11	sand, gray, medium to coarse, with fine sand and small gravel (poor recovery)
75.5	77.5	/ 10-13-11-9	sand, dark gray, coarse to medium, with fine and small gravel, trace med. Gravel
77.5	79.5	/ 13-18-23-50/4"	sand, med.-dark gray, very coarse to medium, trace fine sand and small rocks
79.5	81.3	WB	AA
81.3	82.5	WB	shale, med. gray