WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID: R2N

■ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Atchison | Fraction: NE ¼ NW ¼ ¼ ¼ | Section Number: 31 | Township Number: T 5 S | Range Number: R 21 ■ E ☐ W

2 WELL OWNER: Last Name: First:
Business: City of Atchison
Address: 1801 Main Street
Address:
City: Atchison State: KS ZIP: 66002

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: ☐
1.1 Miles NNE of the intersection of River Road and Atchison Street, Atchison, Kansas

3 LOCATE WELL WITH "X" IN SECTION BOX: N / W / E / S; X in NW; 1 mile

4 DEPTH OF COMPLETED WELL: 88 ft.
Depth(s) Groundwater Encountered: 1) 17.3 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 16.9 ft.
■ below land surface, measured on (mo-day-yr) 09-12-23
☐ 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 90.5 ft. and ..... in. to ..... ft.

5 Latitude: 39.579164 (decimal degrees)
Longitude: -95.103559 (decimal degrees)
Horizontal Datum: ■ WGS 84 ☐ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
■ GPS (unit make/model: Garmin eTrex 10) (WAAS enabled? ■ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: .....

6 Elevation: 790 ft. ■ Ground Level ☐ TOC
Source: ☐ Land Survey ■ GPS ☐ Topographic Map ☐ Other .....

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ☐ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID .....
6. ☐ Dewatering: how many wells? .....
7. ☐ Aquifer Recharge: well ID .....
8. ■ Monitoring: well ID R2N
9. Environmental Remediation: well ID ..... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Recovery ☐ Injection
10. ☐ Oil Field Water Supply: lease .....
11. Test Hole: well ID ..... ☐ Cased ☐ Uncased ☐ Geotechnical
12. Geothermal: how many bores? ..... a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
13. ☐ Other (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 JOINTS: ☐ Glued ☐ Clamped ☐ Welded ■ Threaded
Casing diameter 2 in. to 68 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 30 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 68 ft. to 88 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 64 ft. to 88 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ■ Cement grout ■ Bentonite ☐ Other .....
Grout Intervals: From 64 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	88	Sand			
88	90.5	Boulders			
90.5	90.5	Shale Bedrock			

Notes:
Locking 4" steel protective 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) 9/12/2023 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 (mo-day-year) ..... under the business name of Terracon Consultants, Inc. Signature .....

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau 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**

T.5 Rge. 21E Sec. 31
Atchison

OWNER: City of Atchison, KS	**BORING/WELL NO.** River Line: OB #2 (R2N)	**PAGE** 1 **OF** 1 **PAGES**

LOCATION: North Test Well Site	**SCREEN:** PVC
	DIAMETER: 2-inch **SLOT NO.** 0.02-inch
DATE COMPLETED: 9/12/2023	**SETTING:** 68 to 88 feet below ground
DRILLING COMPANY: Terracon	**SAND PACK:**
	SETTING: 64 to 88 feet below ground
DRILLING METHOD: Rotary	**CASING:** 2-inch PVC
SAMPLING METHOD: Split spoon with 2-inch or 3-inch sampler	**SETTING:** +2.5 to 68 feet below ground
OBSERVER: Martha Silks	**SEAL TYPE:** bentonite pellet grout 59 feet to surface
REFERENCE POINT: Native ground surface	**DEVELOPMENT:** by pump
REFERENCE POINT ELEVATION: 790.406 feet msl	**DURATION:** until discharge appeared clear (minimum of 3 well volumes)
STICK-UP: 2.5 feet above ground level	
SURFACE COMPLETION: Steel locking casing, cement grout	**Water Level:** 19.34 feet below top of PVC casing
REMARKS:	**YIELD:** na

DEPTH IN FEET		Spl. Type (Rec.) / blow counts	GEOLOGIC DESCRIPTION
FROM	TO		
0	5	WB	clay, brown, sandy
5	15	WB	AA, turns dark dray
15	23	WB	SAA
23	31	WB	Sand, gray, fine
31	55	WB	sand, medium to coarse, with lignite
55	69.5	WB	AA, turns coarse at 65 feet
69.5	71.5	SS (9") 5,4,7,9	sand, gray, coarse
71.5	73.5	SS (6") 10,11,11,12	sand, gray, medium to coarse
73.5	75.5	SS (6") 8,7,8,8	AA
75.5	77.5	SS (6") 5,4,5,7	sand, gray, very coarse with gravel
77.5	79.5	SS (8") 7,7,8,8	AA
79.5	81.5	SS (7") 10,7,7,6	AA
81.5	83.5	SS (10") 12,8,8,9	AA
83.5	85.5	SS (10") 11,11,12,13	AA
85.5	87.5	SS (6") 10,7,12,8	AA with boulders
87.5	89	SS (4") 23,21,50/4"	AA
89	90.5	WB	boulders
90.5		WB	Shale