

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

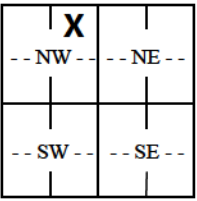
L2N

Original Record Correction Change in Well Use

Well ID

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 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: 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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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 90.5 ft. Depth(s) Groundwater Encountered: 1) 16.7 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 17.0 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 09-07-23 <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 90.5 ft. and in. to ft.	5 Latitude: 39.579314 (decimal degrees) Longitude: -95.103443 (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:
		6 Elevation: 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

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 L2N	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	12. Geothermal: how many bores?	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 70.5 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 70.5 ft. to 90.5 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 65 ft. to 90.5 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

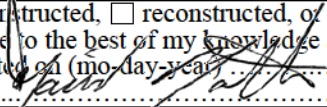
Grout Intervals: From 65 ft. to 0 ft., From ft. to ft., From ft. to ft.

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	25	Clay			
25	90.5	Sand			
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) 9/7/2023 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. 778. Signature 

OWNER: City of Atchison, KS		BORING/WELL NO. Land Line: OB #2 (L2N)		PAGE 1 OF 1 PAGES	
LOCATION: North Test Well Site			SCREEN: PVC		
			DIAMETER: 2-inch		SLOT NO. 0.02-inch
DATE COMPLETED: 9/17/2023			SETTING: 70.5 to 90.5 feet below ground		
DRILLING COMPANY: Terracon			SAND PACK:		
			SETTING: 65 to 90.5 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 70.5 feet below ground		
OBSERVER: Martha Silks			SEAL TYPE: bentonite pellet grout 65 to surface		
REFERENCE POINT: Native ground surface			DEVELOPMENT: by pump		
REFERENCE POINT ELEVATION: 790.123 feet msl			DURATION: until discharge appeared clear (minimum of 3 well volumes)		
STICK-UP: 2.5 feet above ground surface					
SURFACE COMPLETION: Steel locking casing, cement grout			WATER LEVEL: 19.14 feet below top of PVC casing		
REMARKS:			YIELD: na		

DEPTH IN FEET		Spl. Type (Rec.) / blow counts	GEOLOGIC DESCRIPTION
FROM	TO		
0	5	WB	sand and sandy clay, brown
5	25	WB	AA, turning dark gray
25	50	WB	sand, gray, coarse, with lignite
50	65	WB	AA, coarser
65	69.5	WB	boulder and coarse sand
69.5	71.5	SS (8") 7,11,11,5	sand, gray, very fine to very coarse, with very small gravel
71.5	73.5	SS (15") 5,15,20,20	sand, gray, fine, with gray sandy clay (not bagged for sieves)
73.5	75.5	SS (10") 8,11,15,8	sand, gray, fine to medium, with very small gravel
75.5	77.5	SS (12") 6,5,8,8	AA
77.5	79.5	SS (15") 7,7,8,5	AA
79.5	81.5	SS (11") 11,11,18,17	AA, with fine layer @ 81' to 81.5'
81.5	83.5	SS (12") 4,11,15,15	sand, gray, medium with fine sand
83.5	85.5	SS (10") 13,13,15,8	sand, gray, medium to coarse, trace rocks, medium gravel and black lignite sand
85.5	87.5	SS (7") 6,5,4,4	sand, gray, fine to coarse, trace pea gravel and very tiny black grains
87.5	89.5	3" SS (10") 8,13,11,22	sand, medium to very coarse, trace very small to pea sized gravel, layer black lignite sand
89.5	90.5	WB	AA with boulders
90.5			Shale