KOLAR Document ID: 1530560

# WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. _____ Well ID _____

☑ Original Record ☐ Correction ☐ Change in Well Use

**1 LOCATION OF WATER WELL:** County: Riley | Fraction: SE ¼ SE ¼ SW ¼ SW ¼ | Section Number: 22 | Township Number: T 9 S | Range Number: R 7 ☑ E ☐ W

**2 WELL OWNER:** Last Name: First:
Business: CARLSON HVAC
Address: 617 BRIDGE STREET
Address:
City: CLAY CENTER State: KANS ZIP: 67432

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: ☐
1200' SOUTH EAST OF THE INTERSECTION OF 4800 ROAD N & HWY 24 MANHATTAN, KS

**3 LOCATE WELL WITH "X" IN SECTION BOX:**
N / W / E / S; NW, NE, SW, SE; X in SW
|----------1 mile---------|

**4 DEPTH OF COMPLETED WELL:** 230 ft.
Depth(s) Groundwater Encountered: 1) ……. ft. 2) ……. ft. 3) ……. ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: …… ft.
☐ below land surface, measured on (mo-day-yr)……
☐ above land surface, measured on (mo-day-yr)……
Pump test data: Well water was …… ft. after……. hours pumping …… gpm
Well water was …… ft. after……. hours pumping …… gpm
Estimated Yield: ……gpm
Bore Hole Diameter: 6 in. to 230 ft. and …… in. to ……. ft.

**5 Latitude:** 39.2482219 (decimal degrees)
**Longitude:** 96.6404931 (decimal degrees)
Datum: ☑ WGS 84 ☐ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
☐ GPS (unit make/model: ……) (WAAS enabled? ☐ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: ……

**6 Elevation:** 1329 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ☑ Other KOLAR

**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 ……
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? 5 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 HDPE …… CASING JOINTS: ☐ Glued ☐ Clamped ☑ Welded ☐ Threaded
Casing diameter 75 in. to 230 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.
Casing height above land surface 48 in. Weight …… lbs./ft. Wall thickness or gauge No. SDR-15

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☐ PVC ☐ Other (Specify) ……
☐ Brass ☐ Galvanized Steel ☑ 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 …… ft. to …… ft., From …… ft. to …… ft., From …… ft. to …… ft.
GRAVEL PACK INTERVALS: From …… ft. to …… ft., From …… ft. to …… ft., From …… ft. to …… ft.

**9 GROUT MATERIAL:** ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other ……
Grout Intervals: From 0 ft. to 230 ft., From …… ft. to …… ft., From …… ft. to …… ft.

**Nearest source of possible contamination:** ✔ No potential source of contamination within 200 ft.
☐ 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? …… Distance from well? …… ft.

| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---|---|---|---|---|---|
| 0 | 3 | CLAY | 198 | 230 | GREY SHALE |
| 3 | 20 | BROKEN LIMESTONE | | | |
| 20 | 67 | ALTERNATING LAYERS SHALE | | | |
| 67 | 93 | LIMESTONE | | | |
| 93 | 138 | GREY SHALE | | | |
| 138 | 147 | RED SHALE | | | |
| 147 | 150 | LIMESTONE | | | |
| 150 | 190 | GREY SHALE | | | |
| 190 | 198 | LIMESTONE | | | |

**Notes:**

**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) 09/13/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 914 This Water Well Record was completed on (mo-day-year) 09/21/2020 under the business name of Flint Hills Drilling #914

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212