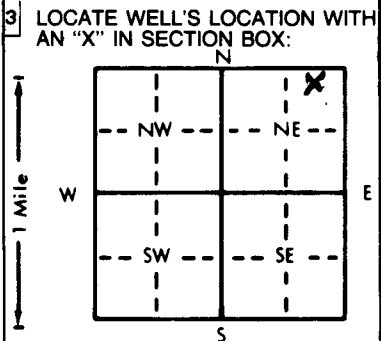


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NE 1/4 Section Number 3 Township Number T 10 S Range Number R 7 E/W  
 County: RILEY

Distance and direction from nearest town or city street address of well if located within city?  
1/2 mile west of the NW CORNER OF MANHATTAN

2 WATER WELL OWNER: JIM ROUSH  
 RR#, St. Address, Box #: 3320 EFFINGHAM Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: MANHATTAN, KS. 66503 Application Number:



4 DEPTH OF COMPLETED WELL: 191 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1. ~ 79 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL NA 79 ft. below land surface measured on mo/day/yr \_\_\_\_\_  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield: 2 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 4.5 in. to \_\_\_\_\_ ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well GEOTHERMAL, CLOSED LOOP  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No \_\_\_\_\_; If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes \_\_\_\_\_ No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded   
 2 PVC 4 ABS 7 Fiberglass Threaded \_\_\_\_\_  
 Blank casing diameter 3/4 in. to \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft. Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface \_\_\_\_\_ in. weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. SDR 4  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) \_\_\_\_\_  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 999 7 Torch cut 999 10 Other (specify) \_\_\_\_\_  
 SCREEN-PERFORATED INTERVALS: From 999 ft. to 999 ft., 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., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other \_\_\_\_\_  
 Grout Intervals: From 0 ft. to 191 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination:  
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
 13 Insecticide storage  
 Direction from well? EAST How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Fill-w/ chert GUL			
5	18	LIMESTONE, YELLOW			
18	42	SHALE, GRAY TO GREEN GRAY			
42	52	SHALE, RED			
52	60	LIMESTONE, YELLOW			
60	69	SHALE, GREEN GRAY			
69	79	MUDSTONE, GRAY			
79	97	SHALE, DK GRAY			
97	99	" Brown			
99	163	SHALE, GRAY			
163	166	LIMESTONE, YELLOW			
166	191	SHALE, GRAY			
	191	TD.			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This <sup>geothermal</sup> water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/26/18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. SB5 This Water Well Record was completed on (mo/day/yr) 11/14/18 under the business name of ART by (signature) [Signature]

OFFICE USE ONLY  
T  
R  
EW  
SEC.  
1/4  
1/4  
1/4