

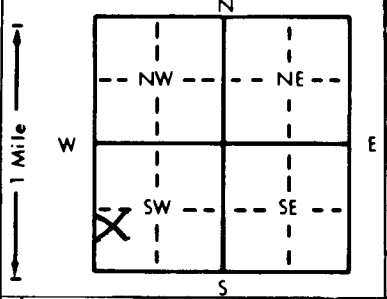
1 LOCATION OF WATER WELL: County: Marion Fraction: NW 1/4 SW 1/4 SW 1/4 Section Number: 4 Township Number: T 21 S Range Number: R 2 E

Distance and direction from nearest town or city street address of well if located within city?

7 S 1 W Hillsboro

2 WATER WELL OWNER: Jim Ratzlaff
 RR#, St. Address, Box #: 601 S Lincoln
 City, State, ZIP Code: Hillsboro
 Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 85 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1. 836 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 8 ft. below land surface measured on mo/day/yr 4-29-93
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 15 gpm Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 8.5 in. to 8.5 in. and in. to in.
 WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 Blank casing diameter: 5 in. to 30 in. Dia. 5 in. to 7.5 in. Dia. in. to in. weight lbs./ft. Wall thickness or gauge No.
 Casing height above land surface: in., weight lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From 30 ft. to 40 ft. From 7.5 ft. to 8.5 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 8.5 ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
 Direction from well? in pasture None within How many feet? 1/4 mi

FROM		TO		LITHOLOGIC LOG	FROM		TO		PLUGGING INTERVALS
	<u>0</u>		<u>20</u>	<u>yellow-gray Clay</u>					
	<u>30</u>		<u>38</u>	<u>Broken Shale & Water</u>					
	<u>38</u>		<u>85</u>	<u>Blue-gray Shale</u>					

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4-29-1980 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 180 This Water Well Record was completed on (mo/day/yr) 5-4-93 under the business name of Backhus Drilling by (signature) Paul H. Backhus