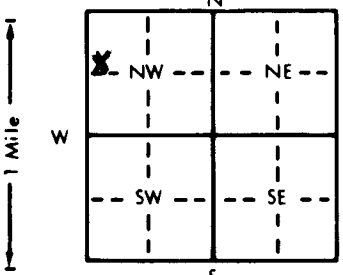


1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 NW 1/4 Section Number 5 Township Number T 12 S Range Number R 11  W  
 County: Wabaunsee

Distance and direction from nearest town or city street address of well if located within city?  
From City of McFarland - 2 miles East and 1.25 miles South

2 WATER WELL OWNER: Mr. Verne Clausen, Jr. Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: Route 2, Box 119 Application Number:  
 City, State, ZIP Code: Alma, KS, 66401

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 178 ft. ELEVATION: NA  
 Depth(s) Groundwater Encountered 1. 80 ft. 2. — ft. 3. — ft.  
 WELL'S STATIC WATER LEVEL NA ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was — ft. after — hours pumping — gpm  
 Est. Yield — 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 X; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes — No X

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued — Clamped —  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded (FUSED)  
 7 Fiberglass Threaded —  
 Blank casing diameter 0.75 in. to 178 ft., Dia — in. to — ft., Dia — in. to — ft.  
 Casing height above land surface NA in., weight NA lbs./ft. Wall thickness or gauge No. SDR 11  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) Polyethylene  
 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: NA  
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 7 Torch cut 9 Drilled holes 10 Other (specify) —  
 SCREEN-PERFORATED INTERVALS: From NA ft. to NA ft., From NA ft. to — ft.  
 GRAVEL PACK INTERVALS: 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 178 ft., From — ft. to — ft., From — ft. to — ft.  
 What is the nearest source of possible contamination:  
 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? WEST / DOWN GRADIENT How many feet? Approx. 200

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	11	Silty Clay, brown			
11	15	Shale, Gray			
15	26	Shale, yellow			
26	38	Limestone, yellow			
38	55	Shale, gray			
55	96	Shale, dk. gray			
96	105	Shale, Red			
105	149	Shale, blue			
149	151	Shale, Blue			
151	178	Shale, Gray			
	178	TD			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This <sup>geothermal</sup> water well was  constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 9/20/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585. This Water Well Record was completed on (mo/day/yr) 10/27/97 under the business name of Associated Environmental, Inc. by (signature) William R. Baker

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