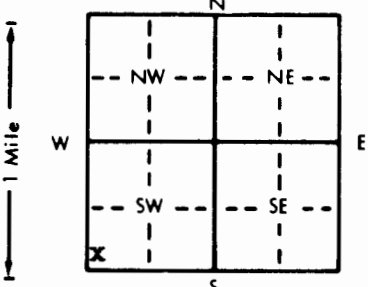


1 LOCATION OF WATER WELL: County: **OTTAWA** Fraction: **SW 1/4 SW 1/4 SW 1/4** Section Number: **19** Township Number: **T 11 S** Range Number: **R 4 E/W**

Distance and direction from nearest town or city, street address of well if located within city?  
**5 1/2 MILES WEST 3 MILES SOUTH EAST OF MINNEAPOLIS, KS.**

2 WATER WELL OWNER: **MELVIN ZUKER**  
 RR#, St. Address, Box #: **418 E. 4th** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **MINNEAPOLIS, KS. 67467** Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **113** ft. ELEVATION: **1375**  
 Depth(s) Groundwater Encountered 1. **80** ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL **80** ft. below land surface measured on **mo/day/yr 8-18-92**  
 Pump test data: Well water was **?** ft. after **1** hours pumping **12** gpm  
 Est. Yield **20+** gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter **9** in. to **113** 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  
 Was a chemical/bacteriological sample submitted to Department? Yes No **X**; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes **X** No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded  
 2 PVC 4 ABS 7 Fiberglass Threaded  
 Blank casing diameter **5** in. to **83** ft., Dia. in. to ft., Dia. in. to ft.  
 Casing height above land surface **36** in., weight **160** lbs./ft. Wall thickness or gauge No. **SDR 26**  
 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 **.030** 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)  
 SCREEN-PERFORATED INTERVALS: From **83** ft. to **113** ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From **64** ft. to **113** 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 **23** ft., From ft. to ft., From ft. to ft.  
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well  
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage **OPEN FIELD NONE APPARENT**  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	TOP SOIL			
2	15	CLAY TAN			
15	22	CLAY GRAY			
22	34	CLAY BROWN w/SANDSTONE LAYERS YELLOW			
34	38	CLAY GRAY			
38	50	CLAY TAN w/SANDSTONE LAYERS REDISH BROWN			
50	79	SANDSTONE TAN w/CLAY LAYERS WHITE			
79	90	CLAY TAN TO WHITE			
90	113	SANDSTONE WHITE			

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) **8-18-92** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **388** This Water Well Record was completed on (mo/day/yr) **8-18-92** under the business name of **PESTINGER PUMP SERVICE** by (signature) *[Signature]*