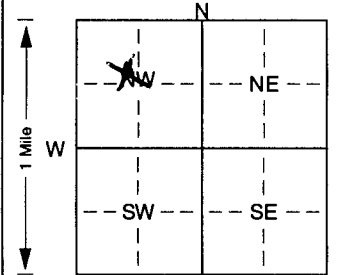


1 LOCATION OF WATER WELL: Fraction near 1/4 center 1/4 NW 1/4 Section Number 33 Township Number T 12 S Range Number R 1 **KW**
 County: Ottawa
 Distance and direction from nearest town or city street address of well if located within city?
1 mile East of Niles, KS

2 WATER WELL OWNER: Robert Drummond
 RR#, St. Address, Box # : 2586 Arrowhead Rd. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Solomon, KS 67480-8601 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 49 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 9 ft. below land surface measured on mo/day/yr 10/13/00
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 7-10 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 9 in. to 53 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 **1X Other (Specify below)**
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Stockwell
 Was a chemical/bacteriological sample submitted to Department? Yes. No. **X** ; If yes, mo/day/yrs sample was sub-
 mitted 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.
X PVC 4 ABS 7 Fiberglass Threaded.
 Blank casing diameter 5 in. to 24 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: 12 in., weight 2,37 lbs./ft. Wall thickness or gauge No. 214
 TYPE OF SCREEN OR PERFORATION MATERIAL: **X** 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 **X** Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft.
 SCREEN-PERFORATED INTERVALS: From 24 ft. to 39 ft., From 44 ft. to 49 ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 49 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 20 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: **None within 1/4 mile** 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
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Topsoil			
4	7	Gray Clay			
7	10	Fine Sand			
10	24	Gray Clay			
24	30	Medium Sand with Gray Clay			
30	38	Gray Clay			
38	45	Gray, Hard Shale			
45	45.5	Limestone			
45.5	46	Fractured Limestone			
46	53	Fractured gray shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was **(X)** constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/13/00 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 138 This Water Well Record was completed on (mo/day/yr) 10/13/00 under the business name of Peterson Irrigation, Inc. by (signature) Mike Peterson