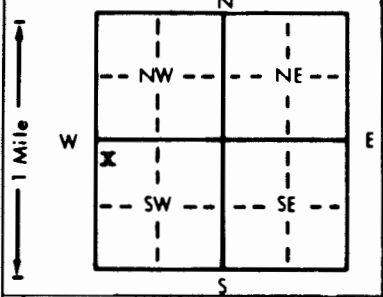


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 21 Township Number T 11 S Range Number R 3 E/W
 County: OTTAWA

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

2 WATER WELL OWNER: JOHN TWADDELL
 RR#, St. Address, Box # : RT. 2 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: 42 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 18 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 18 ft. below land surface measured on mo/day/yr 4-22-93
 Pump test data: Well water was 20 ft. after 1 hours pumping 30 gpm
 Est. Yield 60+ gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 9 in. to 42 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 37 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 18 in., weight 160 lbs./ft. Wall thickness or gauge No. SDR 26

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)
 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot .035 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 37 ft. to 42 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 30 ft. to 42 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 25 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? SOUTHEAST How many feet? 10

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|---|------|----|--------------------|
| 0 | 4 | TOP SOIL | | | |
| 4 | 28 | CLAY TAN SILTY | | | |
| 28 | 42 | SAND FINE TO COARSE | | | |
| | | CLAY LAYER (STOP HERE AT OWNER REQUEST) | | | |
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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) 4-22-93 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) 4-22-93 under the business name of PESTINGER PUMP SERVICE by (signature) [Signature]