

1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NE 1/4 Section Number 16 Township Number T 3 S Range Number R 4

Distance and direction from nearest town or city street address of well if located within city?  
 1 mile East & 1/4 mile South of Scandia

2 WATER WELL OWNER: City of Scandia  
 RR#, St. Address, Box # : c/o Schwab-Eaton Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : 1125 Garden Way, Manhattan, KS Application Number: 41,146

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants and an 'X' in the NE quadrant. A 1-mile scale bar is on the left.]

4 DEPTH OF COMPLETED WELL... 84 ft. ELEVATION: ... ft.  
 Depth(s) Groundwater Encountered 1. ... 48 ft. 2. ... ft. 3. ... ft.  
 WELL'S STATIC WATER LEVEL ... 31 ft. below land surface measured on mo/day/yr ... 8-30-95 ...  
 Pump test data: Well water was ... ft. after ... hours pumping ... gpm  
 Est. Yield ... 300 gpm: Well water was ... 15 ft. after ... 8 hours pumping ... 160 gpm  
 Bore Hole Diameter ... in. to ... 87 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  If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes  No

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   
 7 Fiberglass Threaded   
 Blank casing diameter ... 12 in. to ... 64 ft., Dia ... 12 in. to ... 87 ft., Dia ... in. to ... ft.  
 Casing height above land surface ... 12 in., weight ... 49.56 lbs./ft. Wall thickness or gauge No. ...  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) ...  
 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 ~~Wire wrapped~~ 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 ... 64 ft. to ... 84 ft., From ... ft. to ... ft.  
 GRAVEL PACK INTERVALS: From ... 56 ft. to ... 87 ft., From ... ft. to ... ft.  
 50% sand 50% hole plug 25 ft. to 56 ft., From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout X 3 Bentonite 4 Other ...  
 Grout Intervals: From ... 5 ft. to ... 25 ft., From ... ft. to ... ft., From ... ft. to ... ft.  
 What is the nearest source of possible contamination: No contamination within 1/4 mile 11 Livestock pens 14 Abandoned water well  
 1 Septic tank 4 Lateral lines 7 Pit privy 1/4 mile 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      | Top Soil                                      |      |    |                    |
| 4      | 14     | Brown Clay                                    |      |    |                    |
| 14     | 40     | Silty Tan Clay                                |      |    |                    |
| 40     | 43     | Brown Clay & Limestone Pieces                 |      |    |                    |
| 43     | 48     | Brown Clay                                    |      |    |                    |
| 48     | 56 1/2 | Brown Clay & Limestone Pieces                 |      |    |                    |
| 56 1/2 | 65     | Fine to Course Sand Some Gravel               |      |    |                    |
| 65     | 66     | Brown Clay                                    |      |    |                    |
| 66     | 72     | Fine to Course Sand Some Gravel               |      |    |                    |
| 72     | 74 1/2 | Brown Clay                                    |      |    |                    |
| 74 1/2 | 84     | Fine to course Sand, Limestone, Gravel & Clay |      |    |                    |
| 84     | 87     | Gray Shale                                    |      |    |                    |

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) ... 8-30-95 ... and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. ... 138 ... This Water Well Record was completed on (mo/day/yr) ... 9-27-95 ...  
 under the business name of Peterson Irrigation Inc. by (signature) Mike Petusa