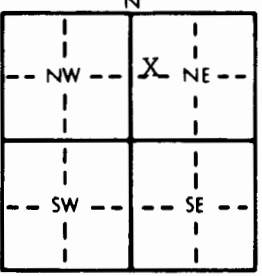


1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 NE 1/4 Section Number 4 Township Number T 11 S Range Number R 15 EW  
 County: SHAWNEE

Distance and direction from nearest town or city street address of well if located within city?

2 north, 1 1/2 west of Topeka

2 WATER WELL OWNER: Roger Emperley  
 RR#, St. Address, Box # : 4520 NW Leedy Rd Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Topeka, KS 66618 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 100' ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 28' ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 21' ft. below land surface measured on mo/day/yr 5-27-93  
 Pump test data: Well water was ft. after hours pumping gpm  
 Est. Yield 6 gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 12" 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  
 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 0-26 ft., Dia 5" in. to 46-98 ft., Dia  
 Casing height above land surface 24" in., weight 2.82 lbs./ft. Wall thickness or gauge No. .258  
 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 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)  
 SCREEN-PERFORATED INTERVALS: From 26 ft. to 46 ft., From ft. to ft.  
 From 98 ft. to 100 ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 22 ft. to 100 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 22 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  
 Direction from well? west How many feet? 205'

| FROM | TO  | LITHOLOGIC LOG                                    | FROM | TO | PLUGGING INTERVALS |
|------|-----|---|------|----|--------------------|
| 0    | 1   | Top Soil  |      |    |                    |
| 1    | 16  | Clay-Brown  |      |    |                    |
| 16   | 24  | Fine Sand-Brown                                   |      |    |                    |
| 24   | 28  | Fine Sand-Coarse Sand-Med-Pea Chert 1/4x1/2-Brown |      |    |                    |
| 28   | 33  | Sandstone-Brown                                   |      |    |                    |
| 33   | 36  | Limestone-Grey                                    |      |    |                    |
| 36   | 45  | Sandy Shale-Yellow                                |      |    |                    |
| 45   | 63  | Shale-Yellow                                      |      |    |                    |
| 63   | 100 | Shale-Grey  |      |    |                    |

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) 5-27-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 6-4-93 under the business name of STRADER DRILLING CO., INC. by (signature) *D. A. Strader*