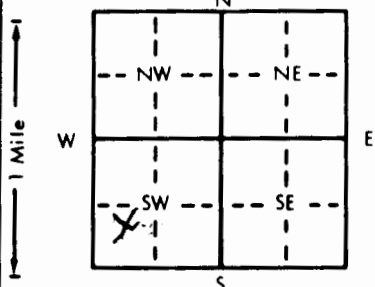


1 LOCATION OF WATER WELL: County: Geary Fraction: NE 1/4 SW 1/4 SW 1/4 Section Number: 28 Township Number: T 12 S Range Number: R 7 E 10

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

2 WATER WELL OWNER: Ed Cummings
 RR#, St. Address, Box # Box 1527 City, State, ZIP Code Manhattan Kans 66502
 Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL: 2 test holes ft. ELEVATION: 140 ft + one 30 ft

Depth(s) Groundwater Encountered 1. 1.5 ft. 2. 1.5 ft. 3. 1.5 ft.
 WELL'S STATIC WATER LEVEL 1.5 ft. below land surface measured on mo/day/yr April 19-84
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 1 gal gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter _____ 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 Observation 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: none
 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 _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL: test holes
 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 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 _____ ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ ft. to _____ 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 _____ ft. to _____ 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? in Pasture How many feet? _____

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|-----|-----------------------|------|----|---------------------|
| 0 | 1 | topsoil Black | | | |
| 1 | 3 | Clay Brown | | | |
| 3 | 8 | Rock Limey | | | |
| 8 | 27 | Clay red | 6 | 3 | topsoil |
| 37 | 47 | Rock Limestone yellow | 3 | 15 | Clay Brown + sticky |
| 47 | 60 | Shale Red | 15 | 20 | Loose Rocks + sand |
| 60 | 68 | Shale Blue Very Hard | 20 | 50 | Shale Blue Hard |
| 68 | 122 | Shale Blue | | | |
| 122 | 140 | Shale Blue | | | |

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) April 19-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 237 This Water Well Record was completed on (mo/day/yr) April 20-84 under the business name of Strader Drilling Co by (signature) Harold Strader

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R EW SEC. 1/4 1/4 1/4