WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Geary | Fraction: NE ¼ SW ¼ SW ¼ | Section Number: 28 | Township Number: T 12 S | Range Number: R 7 E/W

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

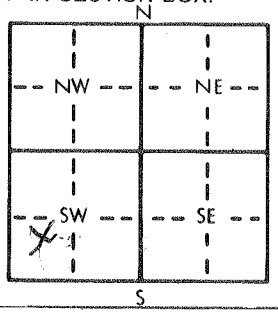
2 WATER WELL OWNER: Ed Cummings

RR#, St. Address, Box #: Box 1527 Manhattan Kans 66502

City, State, ZIP Code

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: 1.40 ft one 50 ft

Depth(s) Groundwater Encountered 1. 15 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 15 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: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)

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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

CASING JOINTS: Glued Clamped Welded 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 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

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

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 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? NW Pasture How many feet?

FROM	TO	LITHOLOGIC LOG
0	1	topsoil Black
1	3	Clay Brown
3	8	Rocks Lime
8	37	Clay Red
37	47	Rocks Limestone yellow
47	60	Shale Red
60	68	Shale Blue Very Hard
68	122	Shale Blue
122	140	Shale Blue

FROM	TO	LITHOLOGIC LOG
		2nd hole 1gal. water 1 minute at 15 ft
0	3	topsoil
3	15	Clay Brown + Sticky
15	20	Loose Rocks + Sand
20	50	Shale Blue Hard

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. 231 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.