

1 LOCATION OF WATER WELL: County: Commanche Fraction: SE 1/4 SE 1/4 SE 1/4 Section Number: 4 Township Number: T 33 S Range Number: R 20 E/W

Distance and direction from nearest town or city street address of well if located within city?
 Approx. 1/4 miles west of Protection, KS

2 WATER WELL OWNER: Robert Sanders
 RR#, St. Address, Box # :
 City, State, ZIP Code : Protection, KS 67127
 Board of Agriculture, Division of Water Resources
 Application Number: n/a REPLACEMENT

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants. An 'X' is marked in the SE quadrant.]

4 DEPTH OF COMPLETED WELL: 57 ft. ELEVATION: NEAR OLD WELL unknown
 Depth(s) Groundwater Encountered 1. 24 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL ... 24 ft. below land surface measured on mo/day/yr ... 8-1-85
 Pump test data: Well water was not ok! ft. after ... hours pumping ... gpm
 Est. Yield ... 350 gpm: Well water was ... ft. after ... hours pumping ... gpm
 Bore Hole Diameter: 24 in. to 57 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 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No...X.....; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No X

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 XX
 7 Fiberglass Threaded.....

Blank casing diameter 16 in. to 41 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 12 in., weight 36.87 lbs./ft. Wall thickness or gauge No. 219

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 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) Doerr Bridge Slot

SCREEN-PERFORATED INTERVALS: From 41 ft. to 57 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 57 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 10 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) FIELD
 13 Insecticide storage
 Direction from well? all How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	28	Topsoil & brown clay			
28	35	Sand & gravel, med.			
35	42	Very soft red clay			
42	54	Sand & gravel, med. to fine w/a couple thin clay streaks and broken shale in gravel			
54	56	Sand & gravel, med. to coarse w/ broken red shale in gravel			
56	57	Red 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) 8/1/85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/yr) 8/15/85 under the business name of Clarke Well & Eq., Inc. by (signature) [Signature]

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.

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