

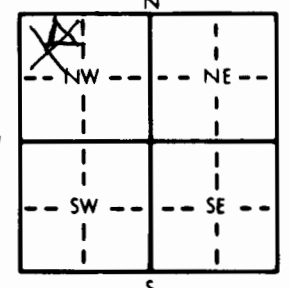
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W-4

1 LOCATION OF WATER WELL: County: Butler Fraction: NE 1/4 NW 1/4 NW 1/4 Section Number: 35 Township Number: T 25 S Range Number: R 5 BW

Distance and direction from nearest town or city street address of well if located within city? 1802 North Star Road, EL Dorado, KS., 67042 (200' SE)

2 WATER WELL OWNER: Union Tank Car Company RR#, St. Address, Box #: 1802 North Star Road, P.O. Box 511 City, State, ZIP Code: EL Dorado, KS., 67042 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: 19.3 ft. ELEVATION: 1291.98 TOC
 Depth(s) Groundwater Encountered 1. 13.5 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 11.5 ft. below land surface measured on mo/day/yr 1-15-90
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 7 in. to 21.5 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: 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 2 in. to 9.3 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 11 in., weight 4 lbs./ft. Wall thickness or gauge No. Schedule 5
 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 19.3 ft. to 9.3 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 21.5 ft. to 7.3 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 Peltonite
 Grout Intervals: From 7.3 ft. to 5.2 ft., From 5.2 ft. to 0.0 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 Oil Refinery
 Direction from well? North West How many feet? 1400'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	9.8	Stiff, Drk Olive green and Brn highly plastic clay fill.			
9.8	21.2	Stiff, Drk Olive Brn to gray highly plastic clay.			
21.2	21.5	V. Stiff, Gray, highly plastic Clay to weathered clayey 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) 1-9-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 399 This Water Well Record was completed on (mo/day/yr) 1-29-90 under the business name of Woodward - Clyde consultants by (signature) Richard D. McPherson
 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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.