

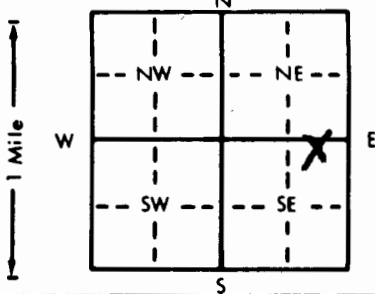
1 LOCATION OF WATER WELL: County: Crawford Fraction NW 1/4 NE 1/4 SE 1/4 Section Number 25 Township Number T 28 S Range Number R 25 EW

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

2 1/2 miles north of Mulberry, Kansas

2 WATER WELL OWNER: Clemens Coal Company RR#, St. Address, Box #: P.O. Box 299 City, State, ZIP Code: Pittsburg, Kansas 66762 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: 39 ft. ELEVATION: 887.1



DEPTH OF COMPLETED WELL: 39 ft. ELEVATION: 887.1. WELL'S STATIC WATER LEVEL: 24 ft. below land surface measured on 4/19/86. Pump test data: Well water was N/A ft. after hours pumping gpm. Est. Yield gpm: Well water was ft. after hours pumping gpm. Bore Hole Diameter: 4 in. to 39 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 X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 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 X, Clamped, Welded, Threaded.

Blank casing diameter: 1 in. to 34 ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface: 12 in., weight Sch. 40 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 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 34 ft. to 39 ft. GRAVEL PACK INTERVALS: From 20 ft. to 39 ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other. Grout Intervals: From 0 ft. to 18 ft., From 18 ft. to 20 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) Coal Spoil Piles.

Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG. Row 1: FROM 0, TO 39, LITHOLOGIC LOG Shale Fill.

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) 4/16/86 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) 6/3/86 under the business name of Woodward-Clyde Consultants by (signature) Robert A. Woodward

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.