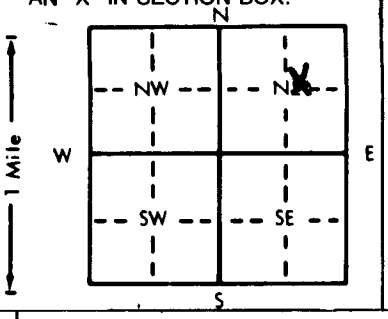
WATER WELL RECORD Form WWC-5 KSA 82a-1212 6C7040 B-10

1 LOCATION OF WATER WELL: County: Crawford | Fraction: SW ¼ NE ¼ NE ¼ | Section Number: 23 | Township Number: T 28 S | Range Number: R 25 (E)W

Distance and direction from nearest town or city street address of well if located within city?
2½ 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: 875.8
Depth(s) Groundwater Encountered 1. 34 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 22 ft. below land surface measured on mo/day/yr 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 39.0 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
(2) PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 1 in. to 21 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 13 in., weight Sch. 40 lbs./ft. Wall thickness or gauge No.

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 34 ft. to 39 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 23 ft. to 39 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 21 ft., From 21 ft. to 23 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 Coal Spoil Piles
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	12	Shale Fill			
12	17	Coal & Silt Fill			
17	20.5	Shale Fill			
20.5	28	Shale Fill			
28	39	Clay			

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) 4/17/86 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) 5/2/86
under the business name of Woodward-Clyde Consultants by (signature) Richard L. Mobley

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 E/W SEC. ¼ ¼ ¼