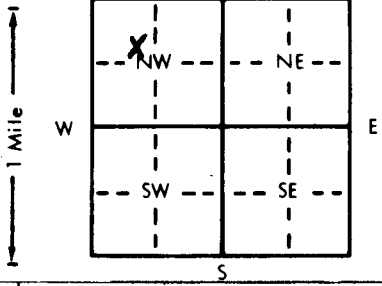


1 LOCATION OF WATER WELL: Fraction SE 1/4 NW 1/4 NW 1/4 Section Number 17 Township Number T 13 S Range Number R 22 EW
 County: Johnson

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

2 WATER WELL OWNER: US Government
 RR#, St. Address, Box #: Sunflower Army Ammunitions Plant Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: De Soto, KS Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 52.0 ft. ELEVATION: 880.97 (to top of concrete pad)

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 28.17 ft. below land surface measured on mo/day/yr 11-24-81
 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: 8 in. to 52.0 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 monitoring 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 4" in. to 3.5" ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: ~~#~~ 3.23 Ft. weight lbs./ft. Wall thickness or gauge No. Sch 40

TYPE OF SCREEN OR PERFORATION MATERIAL: 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 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 5.0 ft. to 50.0 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 4.0 ft. to 52.0 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 Neat cement w/ 1% Bentonite
 Grout Intervals: From 0.0 ft. to 3.5 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)
 13 Insecticide storage

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	4.0	Clay			
4.0	4.6	Vilas Shale fm.			
4.6	38.7	Spring Hill mb.			
38.7	40.3	Hickory Creek Shale mb.			
40.3	47.7	Merriam Limestone mb.			
47.7	48.6	Bonner Springs Shale Fm.			
48.6	52.0	Wyandotte Fm. Farley Limestone			

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) OCT. 30, 1981 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. N/A This Water Well Record was completed on (mo/day/yr) DEC. 19, 1981 under the business name of U.S. ARMY CORPS OF ENGINEERS by (signature) John E. Mayhan
 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.