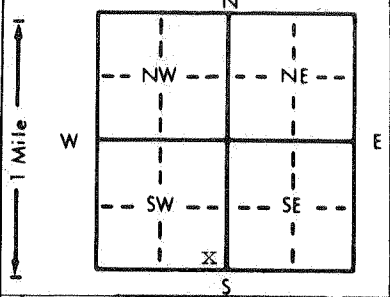


1 LOCATION OF WATER WELL: County: Sheridan Fraction: SE 1/4 SE 1/4 SW 1/4 Section Number: 13 Township Number: T 7 S Range Number: R 28 W

Distance and direction from nearest town or city street address of well if located within city?
6 miles north and 2.5 miles east of Hoxie, KS well nest; well 1 of 2--2 wells in

2 WATER WELL OWNER: Kansas Geological Survey one hole
 RR#, St. Address, Box #: 1930 Constant Ave. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Lawrence, KS 66046 Application Number:

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



4 DEPTH OF COMPLETED WELL: 240 ft. ELEVATION: 2762

Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 171.02 ft. below land surface measured on mo/day/yr 11-29-88
 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: 6 in. to 240 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 X _____

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____

Blank casing diameter: 2 in. to 240 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 18,96 in., weight _____ lbs./ft. Wall thickness or gauge No. Sch. 80

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 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) _____

SCREEN-PERFORATED INTERVALS: From 225 ft. to 240 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 219 ft. to 240 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 volclay
 Grout Intervals: From 201 ft. to 219 ft., From 162 ft. to 117 ft., From 5 ft. to 0 ft.

What is the nearest source of possible contamination: volclay volclay cement
 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 <u>X</u> | 2 | dark grey topsoil | 187 | 192 | white and grey xxx clays |
| 2 | 30 | tan/brown silt, some caliche, mollusks | 192 | 201 | sand and gravel |
| 30 | 54 | tan, sandy silt | 201 | 202 | hard zone |
| 54 | 66 | sand and gravel w clay lenses | 202 | 206 | white sandy clay |
| 66 | 84 | pinkish/tan siltstone w sandy clay and sand lenses, some caliche | 206 | 208 | sand and gravel |
| 84 | 95 | pinkish/tan sandy clay | 208 | 219 | white sandy clay |
| 95 | 104 | medium sand w clay lenses | 219 | 224 | tan clay w sand lenses (hard) |
| 104 | 131 | pinkish/tan clay w sand & gravel lenses | 224 | 242.5 | sand and gravel w clay lenses |
| 131 | 149 | sand and gravel, some caliche | 242.5 | 254 | grey shale |
| 149 | 160 | grey/tan sandy clay w sand & gravel lenses | | | |
| 160 | 169 | white sandy clay | | | |
| 169 | 184 | coarse sand | | | |
| 184 | 185 | hard zone, caliche? | | | |
| 185 | 187 | coarse sand | | | |

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) 12-1-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____ This Water Well Record was completed on (mo/day/yr) 12-20-88 under the business name of Kansas Geological Survey by (signature) Jarvis Rod SABINE BOG

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.