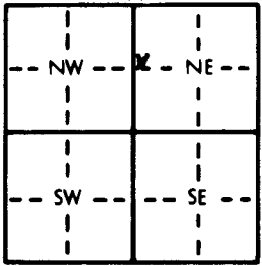


1 LOCATION OF WATER WELL: County: Chase Fraction: SW 1/4 NW 1/4 NE 1/4 Section Number: 4 Township Number: T 18 S Range Number: R 9 E

Distance and direction from nearest town or city street address of well if located within city? 7 1/2 Mile North & 3/4 West of Saffordville at LAKE Kahola Lot 69

2 WATER WELL OWNER: William E Willmore
 RR#, St. Address, Box #: 105 S Constitution
 City, State, ZIP Code: Emporia, Kansas
 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: 45 23 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 23 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 7 ft. below land surface measured on mo/day/yr May 23 85
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 7 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 8 in. to 13 ft., and in. to ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 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: 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 5 in. to 20 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 14 in., weight lbs./ft. Wall thickness or gauge No. SDR-26
 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 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 20 ft. to 45 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From NO ft. to ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 3 ft. to 13 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 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? North North West How many feet? 60

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|------|----|---------------------|------|----|----------------|
| 0 | 1 | Topsoil | | | |
| 1 | 2 | Frac lime TAN | | | |
| 2 | 5 | Shale TAN | | | |
| 5 | 7 | lime TAN | | | |
| 7 | 16 | Shale Yel | | | |
| 16 | 21 | lime TAN Cottonwood | | | |
| 21 | 23 | Break | | | |
| 23 | 30 | lime shells & Shale | | | |
| 30 | 37 | lime TAN | | | |
| 37 | 40 | Shale Gray | | | |
| 40 | 41 | lime TAN | | | |
| 41 | 44 | Coal Hard Black | | | |
| 44 | 45 | lime TAN | | | |

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) May 23 85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 218 This Water Well Record was completed on (mo/day/yr) JUN 20 85 under the business name of ZINN Water Well Dnlg by (signature) Joseph A. Zinn

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.

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