

|                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|---------------------------------------------------|--|--------------|--|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                  |  | Fraction                                                                                                                            |  | Section Number |  | Township Number                                   |  | Range Number |  |
| County: JOHNSON                                                                                                                                                                                                                                                                                                                                                            |  | NE 1/4 NE 1/4 NW 1/4                                                                                                                |  | 13             |  | T 13 S                                            |  | R 21 EW      |  |
| Distance and direction from nearest town or city street address of well if located within city?                                                                                                                                                                                                                                                                            |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 2 WATER WELL OWNER: SUNFLOWER ARMY AMMUNITION PLANT                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| RR#, St. Address, Box # :                                                                                                                                                                                                                                                                                                                                                  |  | ATTN: SMCSU-EV                                                                                                                      |  |                |  | Board of Agriculture, Division of Water Resources |  |              |  |
| City, State, ZIP Code :                                                                                                                                                                                                                                                                                                                                                    |  | DeSOTO, KS 66018-0640                                                                                                               |  |                |  | Application Number:                               |  |              |  |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                       |  | 4 DEPTH OF COMPLETED WELL: 35.5 ft. ELEVATION: 879.4                                                                                |  |                |  |                                                   |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                            |  | Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.                                                       |  |                |  |                                                   |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                            |  | WELL'S STATIC WATER LEVEL . . . 8.8 . . . ft. below land surface measured on mo/day/yr . . . 5/22/88 . . . . .                      |  |                |  |                                                   |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                            |  | Pump test data: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm                                            |  |                |  |                                                   |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                            |  | Est. Yield . . . <1 . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm                             |  |                |  |                                                   |  |              |  |
|                                                                                                                                                                                                                                                                                                                                                                            |  | Bore Hole Diameter . . . 9 . . . in. to . . . 7.5 . . . ft., and . . . 5.63 . . . in. to 37.8 . . . 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 Monitoring 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 . . . . . Clamped . . . . .                                                                                                                                                                                                                                                                         |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded . . . . .                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| Blank casing diameter . . . . . 4 . . . . . in. to . . . . . 5.5 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.                                                                                                                                                                                                                     |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| Casing height above land surface . . . . . 26 . . . . . in., weight . . . . . lbs./ft. Wall thickness or gauge No. . . . . 40                                                                                                                                                                                                                                              |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) . . . . .                                                                                                                                                                                                                                                                                              |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 12 None used (open hole)                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| SCREEN OR PERFORATION OPENINGS ARE:                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 1 Continuous slot 2 Mill slot 3 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 . . . . . 5.5 . . . . . ft. to . . . . . 35.5 . . . . . ft., From . . . . . ft. to . . . . . ft.                                                                                                                                                                                                                                         |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| GRAVEL PACK INTERVALS: From . . . . . 5.5 . . . . . ft. to . . . . . 35.9 . . . . . 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 . . . . . 5.5 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 17 Production                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| Direction from well? How many feet?                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 0 7.5 Sandy Silt and silty clay                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 7.5 12.0 Stoner Limestone                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 12.0 18.7 Eudora Shale                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 18.7 25.7 Captain Creek Limestone                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 25.7 37.8 Vilas Shale                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 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) . . . . . 5/15/88 . . . . . 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) . . . . . 8/1/88                                                                                                                                                                                                                                                           |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| under the business name of US ARMY ENVIRONMENTAL HYGIENE AGENCY by (signature) Gary Nemeth                                                                                                                                                                                                                                                                                 |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |
| 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, Bureau of Water Protection, Topeka, Kansas 66620-7320. Telephone: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records. |  |                                                                                                                                     |  |                |  |                                                   |  |              |  |