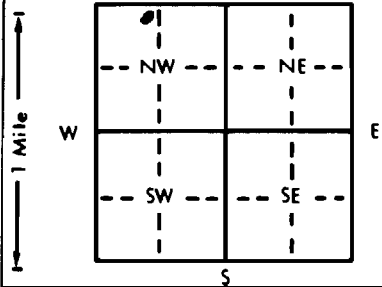


1 LOCATION OF WATER WELL: County: Ellis Fraction: NE 1/4 NW 1/4 NW 1/4 Section Number: 27 Township Number: T 13 S Range Number: R 18 E

Distance and direction from nearest town or city street address of well if located within city?
In Hays; I-70 & Hwy 183 Interchange

2 WATER WELL OWNER: Rita Pfeffel
 RR#, St. Address, Box #: 245E 4th St. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Hays, Ks. 67601 Application Number:

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



4 DEPTH OF COMPLETED WELL: 30' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 21' ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 21.3" ft. below land surface measured on mo/day/yr 10-27-93
 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: 7 1/2" in. to 30' 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 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 7 Fiberglass _____ Welded _____
 Blank casing diameter 2.42 in. to 15' ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: Flush Mount in., weight _____ lbs./ft. Wall thickness or gauge No. SDR-13 sch 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 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 30' ft. to 15' ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 30' ft. to 13' 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 13' ft. to 4' ft., From 4' ft. to 0' ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? West Northwest How many feet? 220'

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|-------|-------|---|------|----|--------------------|
| 0 | 3.0 | Grass - dk Brown loamy silty soil | | | |
| 3.0 | 6.75 | Pale green to brown silty clay, mottled iron oxides, dk brown banding | | | |
| 6.75 | 10.50 | Red Brown silty clay, iron oxides w/ dk brown banding | | | |
| 10.50 | 19.50 | " " " sandy clay w/ iron oxides | | | |
| 19.50 | 21.25 | Red Brown sandy silt w/ iron oxides fine grained sand | | | |
| 21.25 | 27.0 | Tan Brown silty sand to fine sand; fine coarse grained sand | | | |
| 27.0 | 30.0 | Gray-yellow brown 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) 10-27-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 539 This Water Well Record was completed on (mo/day/yr) 10-28-93 under the business name of JB Environmental Drilling by (signature) James Bulker