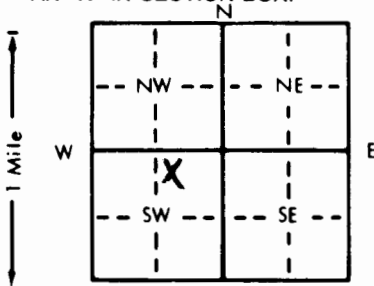


1 LOCATION OF WATER WELL: County: Pottawatomie Fraction: NW 1/4 NE 1/4 SW 1/4 Section Number: 18 Township Number: T 9 S Range Number: R 8 E
 Distance and direction from nearest town or city street address of well if located within city? 7 Miles North of Manhattan in Washington Heights Subdivision Lot 11+12 Block B.

2 WATER WELL OWNER: Jerry Holden
 RR#, St. Address, Box #: 7824 Washington Blvd. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Manhattan, KS 66502 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 140' ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 109' ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 60' ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 25 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 in. to 140 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 12 Other (Specify below)
 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:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)
 2 PVC 4 ABS 7 Fiberglass
 CASING JOINTS: Glued Clamped Welded Threaded
 Blank casing diameter: 5 in. to 120 ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: 2' in., weight Sch 40 lbs./ft. Wall thickness or gauge No. _____
 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 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 25/1000 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 120 ft. to 140 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 140 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 25 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: None Close
 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 | PLUGGING INTERVALS |
|------|----|----------------|------|-----|--------------------|
| 0 | 1 | Top Soil | 88 | 102 | Brown Shale |
| 1 | 10 | Yellow Shale | 102 | 105 | Limestone |
| 10 | 13 | Limestone | 105 | 109 | Brown Shale |
| 13 | 36 | Yellow Shale | 109 | 115 | Limestone (Water) |
| 36 | 41 | Brown Shale | 115 | 123 | Grey Shale |
| 41 | 49 | Limestone | 123 | 128 | Limestone |
| 44 | 47 | Grey Shale | 128 | 140 | Grey Shale |
| 47 | 51 | Brown Shale | | | |
| 51 | 55 | Limestone | | | |
| 55 | 62 | Yellow Shale | | | |
| 62 | 64 | Limestone | | | |
| 64 | 69 | Yellow Shale | | | |
| 69 | 74 | Limestone | | | |
| 74 | 86 | Brown Shale | | | |
| 86 | 88 | 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) 7/27/93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 8/19/93 under the business name of Holdeman Well Drilling by (signature) Craig H. CWD/PE