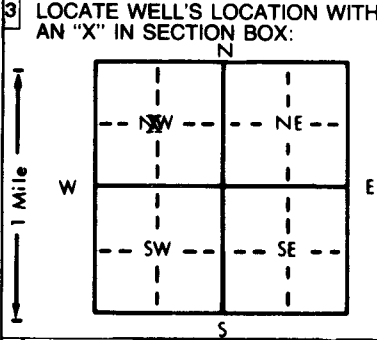


1 LOCATION OF WATER WELL: County: **POTTAWATOMIE** Fraction: **NEAR 1/4 CENTER 1/4 OF NW 1/4** Section Number: **15** Township Number: **T 10 S** Range Number: **R 12 EW**

Distance and direction from nearest town or city street address of well if located within city? **FROM INTERSECTION OF U.S. HWY 24 & GRAND AVE. IN ST. MARYS, KS. 3/4 MILE SOUTH & 1/4 MILE WEST**

2 WATER WELL OWNER: **WINNIFRED V. MINNIS**
 RR#, St. Address, Box #: **602 MAIN** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **ROSSVILLE KS 66533** Application Number: **41332**



4 DEPTH OF COMPLETED WELL: **41** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered: 1. **19** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **19** ft. below land surface measured on **mo/day/yr 8-20-02**
 Pump test data: Well water was **24** ft. after **1** hours pumping **600** gpm
 Est. Yield: **750** gpm: Well water was **26** ft. after **1** hours pumping **850** gpm
 Bore Hole Diameter: **32** in. to **41** 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 **X** Clamped **X**
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter: **16** in. to **21** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **12** in., weight _____ lbs./ft. Wall thickness or gauge No. **50**
 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 **21** ft. to **41** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **19** ft. to **41** 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 **19** 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
 Direction from well? **WEST** How many feet? **25**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	BROWN SANDY SILT			
7	16	FINE BROWN SAND			
16	20	SMALL-MEDIUM BROWN GRAVEL			
20	30	FINE GREY SAND			
30	35	MEDIUM-LARGE GREY GRAVEL			
35	39	MEDIUM GREY GRAVEL & GREY CLAY			
39	41	MEDIUM-LARGE GREY GRAVEL			
41		SHALE, STOPPED			

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) **8-25-02** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **323** This Water Well Record was completed on (mo/day/yr) **8-20-03** under the business name of **HOUBLER DRILLING CO.** by (signature) *[Signature]*