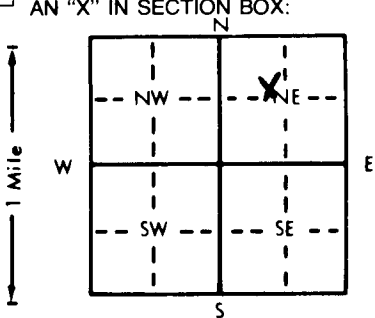


1 LOCATION OF WATER WELL: County: **Hodgeman** Fraction: **SE 1/4 NW 1/4 NE 1/4** Section Number: **2** Township Number: **T 23 S** Range Number: **R23 XE/W**

Distance and direction from nearest town or city street address of well if located within city?
4025'N & 1349'W of SE corner of Sec. 2 SMITH/WASKO TH13

2 WATER WELL OWNER: **Kansas Dept. of Health and Environment**
 RR#, St. Address, Box #: **Forbes Field, Bldg. 740** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Topeka KS 66620** Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **66.5** ft. ELEVATION: **2215.59** GS MSL.
 Depth(s) Groundwater Encountered: 1. **38.30** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **2177.29** ft. below land surface measured on mo/day/yr **10-18-90**
 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: **7.63** in. to **2149.1** 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** **Test Hole #13**
 Was a chemical/bacteriological sample submitted to Department? **Yes** No _____; If yes, mo/day/yr sample was submitted **Part of RFP 82095** Water Well Disinfected? Yes _____ No **No**

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** _____
 7 Fiberglass _____ **Threaded** _____
 Blank casing diameter: **2** in. to **2159.1** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **3.5** ft., weight _____ lbs./ft. Wall thickness or gauge No. **Sch. 40**
 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** **0.01** 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 **2159.1** ft. to **2149.1** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **2179.6** ft. to **2149.1** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
NATURAL

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout **3 Bentonite** 4 Other **None temporary Test Hole**
 Grout Intervals: From **2215.6** ft. to **2179.6** 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? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
2215.6	2209.6	topsoil, dark brown, silty clay			Sampled 10-18-90 - TEST composite
2209.6	2182.6	clay, dark brown, stiff, moist			Sampled 10-18-90 - KDHE bottom
2182.6	2177.6	cored-clay as above (2182.6-2179.6)			Logged 10-15-90
		sand & gravel poorly sorted (2179.6-2177.6)			
2177.6	2172.6	cored - sand & gravel poorly sorted			pulled casing and plugged with drilling cuttings and bentonite
2172.6	2158.6	cored - no return, but was sand & gravel			entire length of bore hole from collapsed sand and gravel at 36 ft to ground surface
2158.6	2154.6	cored - sand & gravel poorly sorted			
2154.6	2154.1	cored-bedrock shaley sandstone gray, Cretaceous Dakota Fm.			
2154.1	2149.1	shaley, sandstone, gray Cretaceous Dakota Fm.			

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) **10-15-90** **plugged 11-2-90** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **483** This Water Well Record was completed on (mo/day/yr) **1-12-91** under the business name of **Total Environmental Services/Technologies** by (signature) *Dwight Binkley*