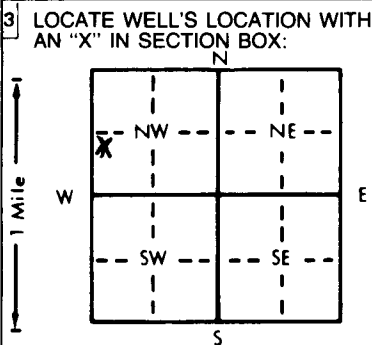


MW-4

1 LOCATION OF WATER WELL: County: Shawnee Fraction: SW NW NW Section Number: 18 Township Number: T 12 S Range Number: R 16 EW

Distance and direction from nearest town or city street address of well if located within city?  
3210 S. Topeka Blvd, Topeka

2 WATER WELL OWNER: RR#, St. Address, Box #: Kansas Department of Transportation Attn: S. Vogel  
 City, State, ZIP Code: Board of Agriculture, Division of Water Resources  
KDOT Docking Bldg 8th Floor, Topeka, KS 66612 Application Number: -----



4 DEPTH OF COMPLETED WELL: 25 ft. ELEVATION: -----  
 Depth(s) Groundwater Encountered: 1. 20 ft. 2. ----- ft. 3. ----- ft.  
 WELL'S STATIC WATER LEVEL: 16.71 ft. below land surface measured on mo/day/yr 10-14-97  
 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: 8.625 in. to 25 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 mw-4  
 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) 6 Asbestos-Cement 9 Other (specify below) Welded -----  
2 PVC 4 ABS 7 Fiberglass ----- Threaded X  
 Blank casing diameter: 2 in. to 10 ft. Dia. ----- in. to ----- ft. Dia. ----- in. to ----- ft.  
 Casing height above land surface: 0 in., weight SCH 40 PVC lbs./ft. Wall thickness or gauge No. -----  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) -----  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) -----  
 SCREEN-PERFORATED INTERVALS: From 10 ft. to ----- ft. From ----- ft. to ----- ft.  
SAND  
 GRAVEL PACK INTERVALS: From 9 ft. to 25 ft. From ----- ft. to ----- ft.

6 GROUT MATERIAL: 20 1 Neat cement 7 Cement grout 37 Bentonite 9 4 Other -----  
 Grout Intervals: From 0 ft. to 7 ft. From 37 ft. to 9 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)  
3 Cont. Sets  
 Direction from well? ----- How many feet? -----

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
GL	1.00	Top soil			
1.00	3.00	Fill Material			
3.00	11.50	Clay (CL)			
11.50	22.50	Sandy Silt (ML)			
22.50	25.00	Shale, weathered			
25.00	TD	End of Borehole			

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) 10-14-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 555 This Water Well Record was completed on (mo/day/yr) 10-29-97 under the business name of AEI by (signature) [Signature]