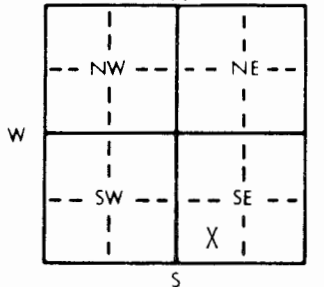


LOCATION OF WATER WELL: County: <b>Shawnee</b>	Fraction $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	Section Number <b>31</b>	Township Number T <b>12</b> S	Range Number R <b>16</b> <b>EW</b>
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Distance and direction from nearest town or city street address of well if located within city?

WATER WELL OWNER: **U.S. Air Force**  
 R#, St. Address, Box #: **Forbes Field**  
 City, State, ZIP Code: **Topeka, KS**  
 Board of Agriculture, Division of Water Resources  
 Application Number:

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: **4** DEPTH OF COMPLETED WELL: **52.7** ft. ELEVATION: \_\_\_\_\_



Depth(s) Groundwater Encountered 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL **12.09** ft. below land surface measured on mo/day/yr \_\_\_\_\_  
 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** in. to **23.1** ft., and **3.5** in. to **52.7** 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** Observation 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** \_\_\_\_\_

TYPE OF CASING USED: 1 Steel 2 **PVC** 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_ Welded \_\_\_\_\_ Threaded **X** \_\_\_\_\_

Blank casing diameter: **4** in. to **23.1** ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: **0** in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. **Schedule 80**

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) \_\_\_\_\_ **12** None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 11 None (open hole) **10** Other (specify) **None**

SCREEN-PERFORATED INTERVALS: From \_\_\_\_\_ None \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From \_\_\_\_\_ None \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

GRAVEL PACK MATERIAL: 1 Neat cement 2 **Cement grout** 3 Bentonite 4 Other \_\_\_\_\_  
 Grout Intervals: From **0** ft. to **21** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

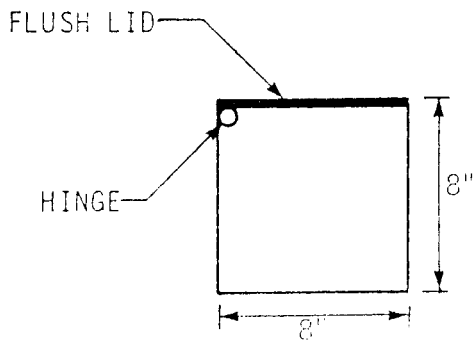
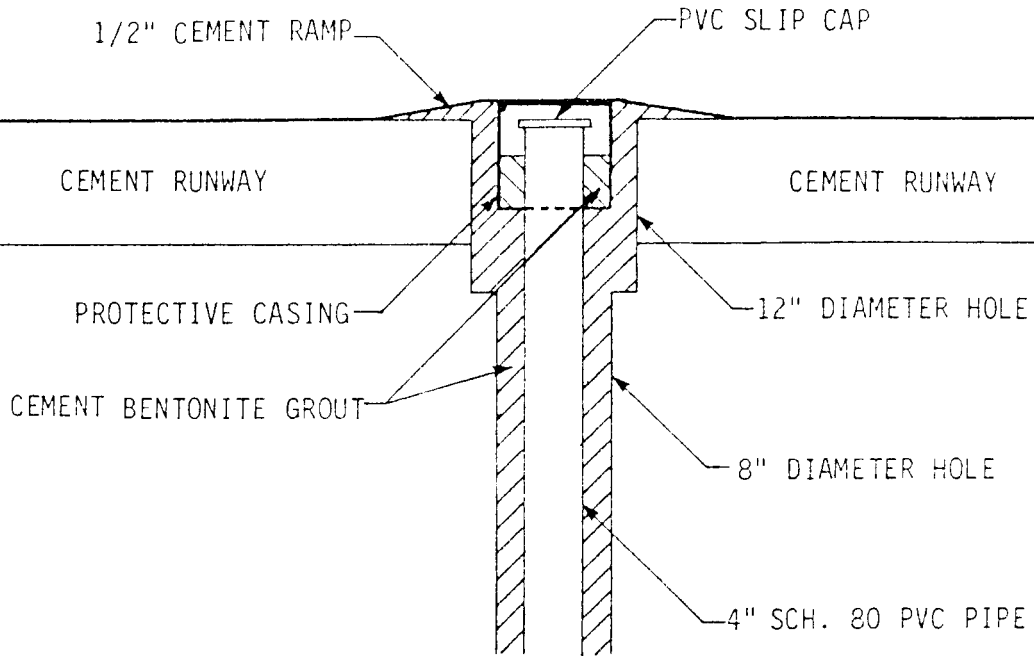
What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 **Fuel storage** 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) \_\_\_\_\_

Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	2.2	.4' Asphalt, 1.8' Concrete			
2.2	16.3	Dark Clay			
16.3	18.1	Weathered Shale			
18.1	19.4	Dark Gray Limestone			
19.4	52.7	Limestone with Clay Seams			

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) **12/27/84** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **416** This Water Well Record was completed on (mo/day/yr) **1/5/85**  
 Under the business name of **Terracon Consultants, Inc.** by (signature) *[Signature]*

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top two copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.



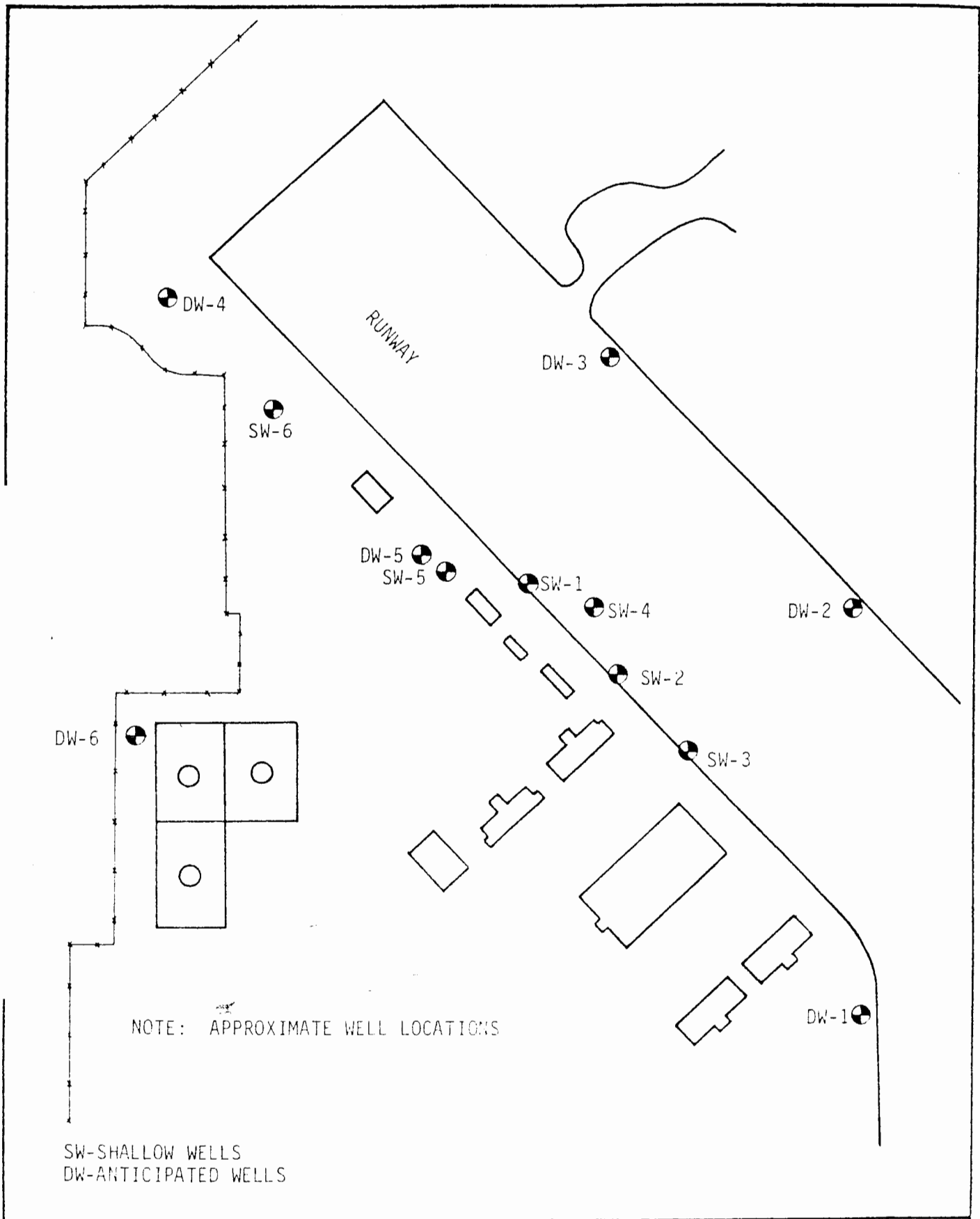
ENLARGED SECTION OF PROTECTIVE CASING

TYPICAL SECTION OF WELLS DW#2 AND DW#3  
FORBES OBSERVATION WELLS  
TOPEKA, KANSAS



Terracon Consultants, Inc.  
Cedar Falls Cedar Rapids Davenport Des Moines, IA  
Kansas City Wichita, KS  
Oklahoma City Tulsa, OK

JME	NTS	1-21-85	284784
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NOTE: APPROXIMATE WELL LOCATIONS

SW-SHALLOW WELLS  
 DW-ANTICIPATED WELLS

LOCATION DIAGRAM  
 MONITORING WELLS  
 FORBES FIELD ANG BASE  
 TOPEKA, KANSAS



Terracon Consultants, Inc.  
 Cedar Falls Cedar Rapids Davenport Des Moines, IA  
 Kansas City Wichita, KS  
 Oklahoma City Tulsa, OK

JME	NTS	1-16-85	284784
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