

1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 SW 1/4 Section Number 31 Township Number T 13 S Range Number R 16 **EWX**

County: Shawnee

Distance and direction from nearest town or city street address of well if located within city?  
Approxly 300' W of NW Tank - Site 1

2 WATER WELL OWNER: Kansas Air National Guard  
RR#, St. Address, Box #: Forbes Field "ANG"  
City, State, ZIP Code: Topeka, Kansas 66619  
Board of Agriculture, Division of Water Resources  
Application Number:

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

4 DEPTH OF COMPLETED WELL: 9.5 ft. ELEVATION: 1035.5

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 5.70 ft. below land surface measured on mo/day/yr 7/6/88

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 9.5 in. 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 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**

5 TYPE OF BLANK 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 2 in. to 4 ft., Dia. in. to ft., Dia. in. to ft.  
Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No. Sch. 40

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 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 4 ft. to 9 ft., From ft. to ft.  
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 3, 5 ft. to 9, 5 ft., From ft. to ft.  
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: cement Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 1.5 ft., From 1.5 ft. to 3.5 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? West/North How many feet? 2000'±

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See attached log			

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) 6/20/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) 8/31/88 under the business name of Layne-Western Company, Inc. by (signature) Paul W. Lamb

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 three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OAK RIDGE NATIONAL LABORATORY

Prepared By J.L. ZUTMAN Date \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Hole No. MW 19 Elevation \_\_\_\_\_ Location ~300' W OF NW TANK - SITE 1  
 Total Depth 9.6' No. of Completions 1 Rig Type MOBIL B-61  
 Auger Size 7 5/8" x 4 1/4" Sample Type 5' continuous  
 Project \_\_\_\_\_ Data Verified By S. Conners Date \_\_\_\_\_

DEPTH (FEET)	BLKS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
2					VERY DARK BROWN (10YR 2/2) SILTY clay. ABUNDANT ROOTS AND ORGANIC MATTER - TOPSOIL - BECOMING LIGHTER & MOTTLED @ 3'
4					DARK BROWN (10YR 3/3) SILTY clay MOTTLED WITH CARBONATE MARL, RED AND yellow oxidized patches, DAMP. GRADUALLY TO DARK REDDISH BROWN (5YR 3/3) SILTY clay. MIST WITH WATER HISS, DARK GREASY SALLS INTERSPERSED. NO ELEVATED HNU READINGS. WET @ 7.5'
6					
8					
10					SAME AS ABOVE. TO 8.5' GRADUALLY TO MORE yellowish BROWN SILTY clay mottled with organics, ALSO
12					AS BROWNISH yellow OXIDIZED ZONES. WEATHERED BEDROCK at 9.3'. FEASIBLE STRATIFIED SAND. FOSSILS PRESENT (SNAILS), DEBRIS AUGER THROUGH. AUGER REFUSAL @ 9.6'
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