

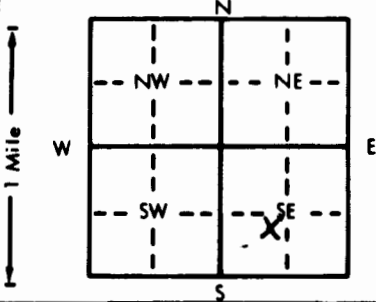
1 LOCATION OF WATER WELL: County: Shawnee Fraction: NW 1/4 SW 1/4 SE 1/4 Section Number: 31 Township Number: T 13 S Range Number: R 16 FAX

Distance and direction from nearest town or city street address of well if located within city?

Site #7

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

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 13.5 ft. ELEVATION: 1047.4 ft.



Depth(s) Groundwater Encountered 1.35 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL +8.55 ft. below land surface measured on mo/day/yr 7/8/88
 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 13.5 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 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 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 X _____
 Blank casing diameter 2 in. to 8 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 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 8 ft. to 13.0 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 7 ft. to 13.5 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: cement 1 Neat cement 2 Cement grout bent 5 3 Bentonite 4 Other _____
 Grout Intervals: From 1 ft. to 5 ft., From 5 ft. to 7 ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 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) 6/16/88 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 [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 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 F. GARDNER Date 6-16-88 Page 1 of 1
 Hole No. 11145 Elevation ? Location SITE #7 (see log book)
 Total Depth 13.5 No. of Completions 1 Rig Type Mobile B-61
 Auger Size 7 5/8 x 4 1/4 Sample Type 5' CONTINUOUS S.S.
 Project Forbes Data Verified By _____ Date _____

DEPTH (FEET)	BLOGS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
2				CONC.	ASPHALT CONCRETE 1 1/2" Flush mount - 8" manhole cover
4				FILL	SAND FILL SLTY CLAY: UDRGY (7.5YR N3) HOMOGENOUS, PLASTIC VFINE DESM MICR THRUOUT, ABNT ROOT MATTER, SLIGHT MOISTURE SHEEN ON CLAY FACES
6					1/4 BENT PELLETS 45/55 GRADE SAND (POTENTIAL FILL MATERIAL)
10				SLTY CLAY: GRAY (5Y 4/1) - FAT, PLASTIC, VISIBLE WATER SHEEN	
12				TR LIMONITE NODULES, BECOMING VERY OXIDIZED WITH DEPTH	
14				SAMPLE T.D 13.3 (DENSE WEATHERED CLAY) bedrock - yellowish weathered claystone (crystalline) BEDROCK @ 13.0' Auger to 13.5' planes, fissile.	
18					.4' WELL POINT
22					6" below ground