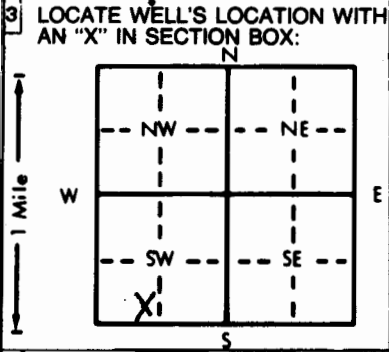


1 LOCATION OF WATER WELL: Fraction **SE 1/4 SW 1/4 SW 1/4** Section Number **31** Township Number **T 13 S** Range Number **R 16** **XX**
 County: **Shawnee**

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

2 WATER WELL OWNER: **KS. ~~Topeka~~ 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:



4 DEPTH OF COMPLETED WELL: **18.0** ft. ELEVATION: **1053.7**
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **12.46** ft. below land surface measured on **mo/day/yr** **7/10/88**
 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 **18.0** 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**

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
 Blank casing diameter: **2** in. to **12.5** 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 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)
 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 **13** ft. to **17.5** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **10.5** ft. to **18.0** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement **2** Cement grout **Bent.** **3** Bentonite 4 Other
 Grout Intervals: From **0** ft. to **8.5** ft., From **8.5** ft. to **10.5** 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) **6/15/88** 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 6-15-88 Page 1 of 1
 Hole No. MW03 Elevation ? Location S. E. CORNER
 Total Depth 16' No. of Completions 1 Rig Type Mobile B-61
 Auger Size 7/8 x 4/4 Sample Type 5' CONT stainless steel.
 Project for bed AN6 ~~stickup~~ Data Verified By _____ Date _____

DEPTH (FEET)	BLOGS/ 6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0					Flush mount 8" cored to 21" - BEGIN 7/8 Auger @ 21"
2			CONCRETE	FILL	SAND FILL
4					SILTY CLAY - GRAY (2.5YR 5), ABNT OXIDIZED (LIMONITE) (CH STAINS, PLASTIC, DRY)
6					
8					(CH) SILTY CLAY - GRAY AS ABOVE - INCR OXIDIZED DK BROWN (7.5YR 4/4) LIMONITE STAINING
10					SLIGHT DAMPNES 8 1/2 - 9' - COAL PTGS BEGIN @ 8 1/2' SLIGHT SHEEN (WATER) ON CLAY FIBES 8 1/2 to 9
12					(CH) SILTY CLAY AA - oxidized, coal ptgs,
14					(CH) CLAY LT OLIVE BRN (2.5Y 6/4), Plastic, abnt coal ptgs dry, dens.
16					BEDROCK SANDSTONE - TOP OF BEDRICK 16 1/2 - weathered claystone
18					SANDSTONE - LT YEL BRN (2.5Y 6/4) - vfgs, abnt silty strks, gaily ptgs, WET Lt feshish brown yellowish
20					
22					
24					
26					
28					
30					
32					

NO
HULL
IN
HEAD
SPACE
HULL

MW03