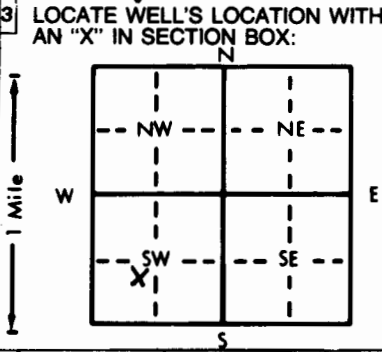


1 LOCATION OF WATER WELL: County: Shawnee Fraction NE 1/4 SW 1/4 SW 1/4 Section Number 31 Township Number T 13 S Range Number R 16 EXX

Distance and direction from nearest town or city street address of well if located within city? Site 1 - NE of MW-21, next to fence

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: 14.0 ft. ELEVATION: 1033.1 ft. WELL'S STATIC WATER LEVEL: 5.75 ft. below land surface measured on mo/day/yr 7/8/88. Bore Hole Diameter: 8 in. to 14.0 ft. WELL WATER TO BE USED AS: 10 Observation well. Was a chemical/bacteriological sample submitted? No. Water Well Disinfected? 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, 10 Asbestos-cement. CASING JOINTS: Glued, Clamped, Welded, Threaded. Blank casing diameter: 2 in. to 3.5 ft., Dia. 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, 12 None used. 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, 11 None. SCREEN-PERFORATED INTERVALS: From 3.5 ft. to 13.5 ft. GRAVEL PACK INTERVALS: From 3 ft. to 14 ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout bent., 3 Bentonite, 4 Other. Grout Intervals: From 0 ft. to 1 ft., From 1 ft. to 3 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. Direction from well? West/North How many feet? 2000'±

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHOLOGIC LOG. Content: 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) 6/23/88 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. Funk

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. G. TRUJER Date 6-23-88 Page 1 of 1
 Hole No. MLW26 Elevation ? Location SITE 1 - NE corner of well, next to fence
 Total Depth 14 No. of Completions 1 Rig Type mobile P-61
 Auger Size 7 5/8 x 4 1/4 Sample Type 5' CONTINUOUS
 Project Forbes MIG Data Verified By _____ Date _____

DEPTH (FEET)	BLOWS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
2				see	dry friable, sticky at bottom fragments down to 3', becoming lt gray with scattered oxidized nodules beginning @ 3.2 to 5.
4					
6					DRY GRAYISH BROWN (DRY 4/3) moist from 5 to 7'; Dips from 7 to 8 1/2. Becoming predominantly very fat plastic stick clay from 7 to 8 1/2, slight odor of kerosene - possible sin lens
8					
10					CLAYSTONE - WEATHERED BEDROCK 25' from at bedrock contact (8-2) to olive brown, yellowish brown, light bedded, occ black shale lens, very silty in beds, very calcareous
12					l.s. "1" or weathered l.s. (lt gray - yellowish brown, carb lens ip; saturated, oxidized deposits along fractures)
14					weathered claystone below l.s. dense sticky with silty, int as a bone, yet brown, bedded. very calcareous.
16					
18					6' STEEL CASING - STILL 3.5 2.5 BL
20					Dr track @ 8.2 l.s. at 8 1/2
22					15.4 Pipe 1.6 stick upon PVC. 13.8
24					Add PVC stick up.
26					
28					
30					
32					

MLW26