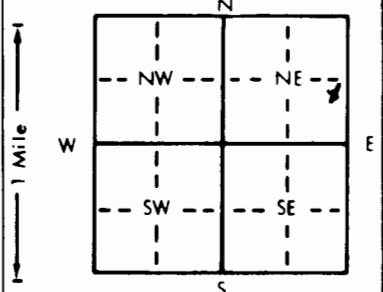


1 LOCATION OF WATER WELL: County: **ELLIS** Fraction: **NE 1/4 SE 1/4 NE 1/4** Section Number: **28** Township Number: **T 13 S** Range Number: **R 18** **EMW**

Distance and direction from nearest town or city street address of well if located within city?
AMOCO #9667 I-70 + US 183 HAYS, KS

2 WATER WELL OWNER: **LAW-ENVIRONMENTAL INC**
 RR#, St. Address, Box # **10220 N. EXECUTIVE HILLS SUITE 400**
 City, State, ZIP Code: **KANSAS CITY, MO 64153**
 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: **28** ft. ELEVATION: _____

Depth(s) Groundwater Encountered 1. **23.5** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL **23.5** ft. below land surface measured on mo/day/yr **7/28-90**
 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 **30** 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 Monitoring well**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____; 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 7 Fiberglass _____ Welded _____
 Blank casing diameter **2** in. to **18** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **0** in., weight _____ lbs./ft. Wall thickness or gauge No. **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 9 ABS 11 Other (specify) _____
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot **5 Mill slot 0.010"** 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From **18** ft. to **28** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **16** ft. to **28** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout **3 Bentonite** 4 Other _____
 Grout Intervals: From **1.5** ft. to **14** ft., From **14** ft. to **16** 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? **N** How many feet? **75**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	6	DRK BRN silty CLAY	0	1.5	CONCRETE CAP
6	18	BRN SANDY SILT	1.5	14	BENT. GROUT
18	19	TAN BRN silty CLAY	14	16	BENT. PELLETS
19	28	BRN - GRAYISH BRN CLAYEY SILT			
25	28	GREYISH BRN silty SAND			

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) **7-28-90** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **530** This Water Well Record was completed on (mo/day/yr) **8-15-90** under the business name of **SHAMROCK ENVIRON. DRILL.** by (signature) **Clay D. Noye**