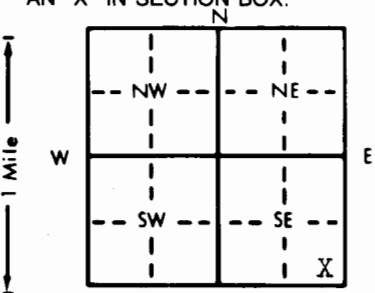


1 LOCATION OF WATER WELL: County: **HASKELL** Fraction: **SE 1/4 SE 1/4 SE 1/4** Section Number: **17** Township Number: **T 27 S** Range Number: **R 31** **(W)**

Distance and direction from nearest town or city street address of well if located within city?
10 North and 5 West of Copeland, Kansas

2 WATER WELL OWNER: **Mr. Louis Unruh**
 RR#, St. Address, Box #: **Rt. #1, Box 37**
 City, State, ZIP Code: **Copeland, Kansas 67837**
 Board of Agriculture, Division of Water Resources
 Application Number: **----**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  **N** **E** **S** **W**

4 DEPTH OF COMPLETED WELL: **350** ft. ELEVATION: **Slope**
 Depth(s) Groundwater Encountered: 1. **Not available** ft. 2. **-----** ft. 3. **-----** ft.
 WELL'S STATIC WATER LEVEL: **150** ft. below land surface measured on mo/day/yr **Oct. 28, 1987**
 Pump test data: Well water was **-----** ft. after **-----** hours pumping **-----** gpm
 Est. Yield: **20** gpm: Well water was **-----** ft. after **-----** hours pumping **-----** gpm
 Bore Hole Diameter: **10** in. to **350** ft., and **-----** in. to **-----** ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
XX 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 **XX**; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes **XX** No **-----**

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **XX** Clamped **-----**
XX PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded **-----**
 7 Fiberglass Threaded **-----**
 Blank casing diameter: **5** in. to **290** ft., Dia. **-----** in. to **-----** ft., Dia. **-----** in. to **-----** ft.
 Casing height above land surface: **15** in., weight **2.8** lbs./ft. Wall thickness or gauge No. **265**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
XX PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) **-----**
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 5 Gauzed wrapped **XXX** Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) **-----**
 SCREEN-PERFORATED INTERVALS: From **290** ft. to **350** ft., From **-----** ft. to **-----** ft.
 From **-----** ft. to **-----** ft., From **-----** ft. to **-----** ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **150** ft., From **180** ft. to **350** ft.
 From **-----** ft. to **-----** ft., From **-----** ft. to **-----** ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite **XXX** Other **Baroid Hole Plug**
 Grout Intervals: From **0** ft. to **20** ft., From **150** ft. to **180** ft., From **-----** ft. to **-----** ft.
 What is the nearest source of possible contamination:
XXX Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **West** How many feet? **110**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Topsoil			
2	5	Clay			
5	47	Fine Sand			
47	154	Clay and Med. to Lar. Sand			
154	271	Blue Clay			
271	348	Med. to Lar. Sand & Gravel			
348	350	Clay			

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) **October 29, 1987** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **252**. This Water Well Record was completed on (mo/day/yr) **November 17, 1987** under the business name of **FRIESEN WINDMILL & SUPPLY INC.** by (signature) *[Signature]*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle for correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

05-8700000253