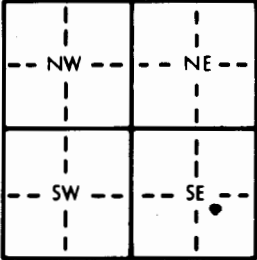


1 LOCATION OF WATER WELL: County: **RILEY** Fraction: **NW 1/4 SE 1/4 SE 1/4** Section Number: **29** Township Number: **T 10 S** Range Number: **R 8 @W**

Distance and direction from nearest town or city street address of well if located within city?
1.5 MILES South of MANHATTAN, WEST OFF HWY 177

2 WATER WELL OWNER: **HAROLD W. VOLKMAN**
 RR#, St. Address, Box #: **RR#2** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **MANHATTAN, KS 66502** Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: **265** ft. ELEVATION: **HILL-SLOPE**
 Depth(s) Groundwater Encountered 1. **110** ft. 2. **241** ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **240** ft. below land surface measured on mo/day/yr: **11-26-83**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: **25** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **8** in. to **265'** ft. and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) _____ Welded _____
 Blank casing diameter: **5** in. to **265** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: **26** in., weight **2.82** lbs./ft. Wall thickness or gauge No. **.258**
 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) _____
 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 **240** ft. to **260** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **15** ft. to **265** ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **3** ft. to **15** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 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? **NORTH** How many feet? **200'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
1	30	ROCK AND TOP SOIL	200	208	GRAY ROCK
30	42	YELLOW CLAY	208	233	GRAY SHALE
42	64	GREEN SHALE	233	235	GRAY ROCK
64	76	YELLOW ROCK	235	241	YELLOW CLAY
76	88	RED CLAY	241	248	YELLOW ROCK (WATER)
88	96	YELLOW ROCK	248	265	BLUE SHALE
96	105	YELLOW CLAY			
105	111	YELLOW ROCK (WATER 2 GPM)			
111	121	GREEN SHALE			
121	139	GRAY SHALE			
139	144	GRAY ROCK			
144	160	GREENISH SHALE			
160	174	RED SHALE			
174	190	GRAY ROCK			
190	200	GRAY SHALE			

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) **11-26-83** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **202** This Water Well Record was completed on (mo/day/yr) **11-26-83** under the business name of **RAY E ENSLEY WELL DRILLING** by (signature) *Ray E. Ensley*
 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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EW
SEC.