WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Ellis | Fraction: SE ¼ SE ¼ NW ¼ | Section Number: 11 | Township Number: T 14 S | Range Number: R 18 E/W

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

1/2 South, 1/4 East of Hays, Kansas

2 WATER WELL OWNER: H. Schwaller & Associates

RR#, St. Address, Box # : 1200 East 27th Street

City, State, ZIP Code : Hays, Kansas 67601

Board of Agriculture, Division of Water Resources Application Number:

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

N / NW / NE / W / X / E / SW / SE / S — 1 Mile

4 DEPTH OF COMPLETED WELL 53 ft. ELEVATION: Upland

Depth(s) Groundwater Encountered 1. 36 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 37 ft. below land surface measured on mo/day/yr December 4, 1984

Pump test data: Well water was 38 ft. after 1 hours pumping 115 gpm

Est. Yield 115 gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 10 in. to 53 ft., and in. to ft.

WELL WATER TO BE USED AS: 1 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes X No; If yes, mo/day/yr sample was submitted December 5, 1984 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 2

1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

CASING JOINTS: Glued X Clamped Welded Threaded

Blank casing diameter 5 in. to 33 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 36 in., weight 160 lbs./ft. Wall thickness or gauge No. .26

TYPE OF SCREEN OR PERFORATION MATERIAL: 7

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 (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 8

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 (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 33 ft. to 53 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 28 ft. to 53 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 28 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: None

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 (specify below)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	Topsoil			
4	36	Brown clay			
36	48	Sand and medium gravel			
48	53	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) November 20, 1985 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 199 This Water Well Record was completed on (mo/day/yr) December 16, 1985 under the business name of Karst Water Well Drilling & Service, 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY I H E/W SEC. ¼ ¼ ¼