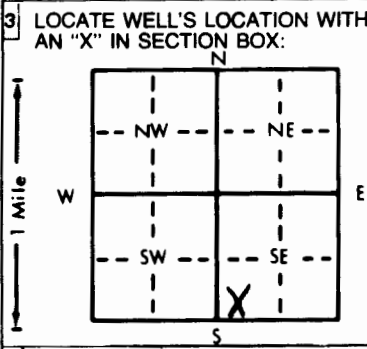


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Riley Fraction: SW 1/4 SE 1/4 SE 1/4 Section Number: 34 Township Number: T 9 S Range Number: R 7
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: Mike Butler Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: 2904 Hickory Application Number: _____
 City, State, ZIP Code: Manhattan, KS, 66503



4 DEPTH OF COMPLETED WELL: 180 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 147 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: NA ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 2 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 4.5 in. to 180 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 Geothermal (closed)
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No X

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 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded _____
 Blank casing diameter: 3/4 in. to 180 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface: _____ in., weight _____ lbs./ft. Wall thickness or gauge No. SOR.11
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 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 NA ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From NA ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Pentonite 4 Other _____
 Grout Intervals: From 0 ft. to 180 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? SOUTHEAST How many feet? 75 to 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Fill			
3	12	Limestone, yellow			
12	23	Shale, limy, yellow			
23	47	Shale, Brown to Red brown			
47	51	Limestone, yellowish tan			
51	57	Shale, light gray			
57	65	Shale, red brown			
65	70	Shale, tan			
70	115	Shale, gray			
115	131	Shale, brown			
131	140	Shale, gray			
140	145	Lime stone tan			
145	180	Shale, gray			
	180	Total Depth			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This geothermal well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8/4/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo/day/yr) 9/1/98 under the business name of AET 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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

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