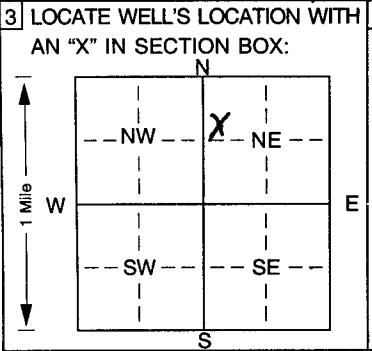


1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 NE 1/4 Section Number 20 Township Number T 7 S Range Number R 6 EW
 County: RILEY

Distance and direction from nearest town or city street address of well if located within city?
ONE MILE WEST OF RANDOLPH

2 WATER WELL OWNER: WARREN STRAUSS
 RR#, St. Address, Box #: 3103 HARAWAY RD Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: MANHATTAN, KS 66502 Application Number: _____



4 DEPTH OF COMPLETED WELL: 180 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 30 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 40 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 6 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 Domestic (lawn & garden) 10 Monitoring well CLOSED LOOP GEOTHERMAL
 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. _____ Clamped. _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded X
 2 PVC 4 ABS 7 Fiberglass _____ Threaded. _____
 Blank casing diameter 3 3/4 in. to 180 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height 6 feet below land surface, weight _____ lbs./ft. Wall thickness or gauge No. FOR 11
 TYPE OF SCREEN OR PERFORATION MATERIAL: 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 8 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) _____ ft.
 SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ 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 Bentonite 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)
 Direction from well? WEST How many feet? 15 FEET

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	10	LIMESTONE, YELLOW			
10	26	SHALE, TAN			
26	32	LIMESTONE, GREENISH			
32	75	SHALE, GRAY			
75	79	LIMESTONE, GRAY			8 HOLES 155, 165, 175, 180, 170, 160 150, 140
79	82	MUDSTONE, GRAY			
82	89	LIMESTONE, GRAY			
89	105	SHALE, GRAY			
105	112	SHALE, BROWN			
112	144	SHALE, GRAY			
144	146	GYPSON			
146	166	SHALE, GRAY & BROWN			
166	166	LIMESTONE, TAN			
166	180	SHALE, GRAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This geothermal water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) NOV. 29, 2000 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 585 This Water Well Record was completed on (mo/day/yr) 12/11/00 under the business name of ASSOCIATED BANDMAN RENTAL INC. by (signature) Dan R. [Signature]