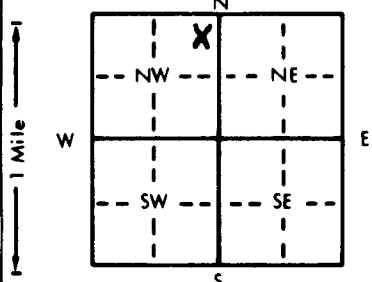


1) LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NW 1/4 Section Number 18 Township Number T 15 S Range Number R 8 E (W)
 County: ELLSWORTH

Distance and direction from nearest town or city street address of well if located within city?
FROM CITY OF ELLSWORTH 1.5 MILE WEST ON OLD HWY 50 and 0.75 mile north.

2) WATER WELL OWNER: JIM JIRICEK
 RR#, St. Address, Box #: 505 W. 10TH Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: ELLSWORTH, KS 67439 Application Number: _____

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



4) DEPTH OF COMPLETED WELL: 175 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 96 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: 8 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 7.875 in. to 40 ft., and 4.5 in. to 175 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 GROUNDWATER HEAT PUMP (CLOSED LOOP)
 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: 34 in. to 175 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____

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) _____
 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 _____ 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 175 ft. to 0 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? SOUTH How many feet? 60-70 FEET

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	CLAY, BRN TO GRAY			
20	25	SAND, FINE TO MED.			
25	35	SAND, MED TO LGSE			
35	45	SHALE, GRAY, WEATHERED			
45	96	SHALE, GRAY			
96	98	SANDSTONE, GRAY			
98	105	SHALE, RED			
105	175	SHALE, GRAY			
	175	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) 10/29/98 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) 11/2/98 under the business name of Assoc. Environmental, Inc. by (signature) [Signature]