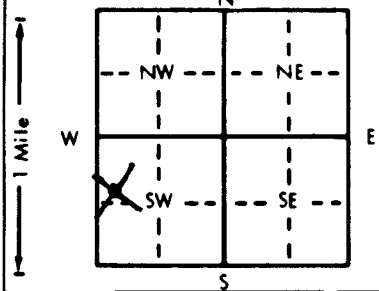


1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 SW 1/4 Section Number 19 Township Number T 10 S Range Number R 2 E
 County: Clay

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

4 miles East & 3/4 Mile South of Longford

2 WATER WELL OWNER: Fred Heigele Jr. Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: R.R. 1 Application Number:
 City, State, ZIP Code: Longford, KS 67458

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: .72 ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1... 5 above Land Surface ft. 3. ft.
 WELL'S STATIC WATER LEVEL ±.5 ft. above land surface measured on mo/day/yr 8-26-93
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 50-100 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: .8 in. to .72 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 Stock Well
 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded.....
 Blank casing diameter 5 in. to 52 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface .12 in., weight 2.37 lbs./ft. Wall thickness or gauge No. .214
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 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)
 SCREEN-PERFORATED INTERVALS: From 52 ft. to 72 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 72 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 5 ft. to 25 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 Direction from well? West How many feet? 500 ft

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	Top Soil			
4	28	Brown Clay			
28	49	Green Soft Shale			
49	50	Limestone			
50	64	Soft Gray Shale With Small Limestone Layers			
64	65	Limestone			
65	65 1/2	Fractured Limestone Cavity			
65 1/2	71	Gray Shale			
71	72	Limestone			

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) 8-26-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/yr) 8-29-93 under the business name of Peterson Irrigation Inc. by (signature) Mike Peterson