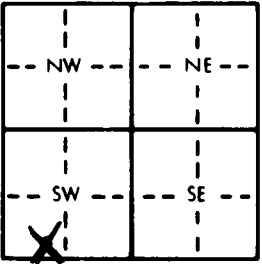


1 LOCATION OF WATER WELL: Fraction SE 1/4 SW 1/4 SW 1/4 Section Number 7 Township Number T 11 S Range Number R 4 E
 County: Dickinson

Distance and direction from nearest town or city street address of well if located within city?
1 mile North & 3/4 mile West of Upland, KS

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

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

 4 DEPTH OF COMPLETED WELL: 179 ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1. 150 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 150 ft. below land surface measured on mo/day/yr 3-16&17-93
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 20-30 gpm: Well water was 160 ft. after 1 hours pumping 4-5 gpm
 Bore Hole Diameter: 8 in. to 179 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
 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:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 170 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:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 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 170 ft. to 179 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 179 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: None within 1/2 mile 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top Soil	109	115	Light Gray Shale
3	10	Brown Clay	115	125	Red & Gray Shale
10	28	Green Shale	125	150	Soft Red & Gray Shale
28	30	Red Shale	150	160	Limestone
30	40	Green Shale	160	170	Gray Shale
40	42	Limestone	170	175	Limestone with small cavitys in it
42	50	Green Shale	175	179	Hard Limestone
50	57	Gray Shale			
57	58	Limestone			
58	80	Green Shale & Red Shale			
80	81	Limestone			
81	89	Light Gray			
89	95	Very Hard Limestone			
95	105	Light Green Shale			
105	109	Very Hard 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) 3-17-93 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) 4-6-93 under the business name of Peterson Irrigation Inc. by (signature) Mike Peterson

OFFICE USE ONLY

T

R

EW

SEC.

1/4

1/4

1/4