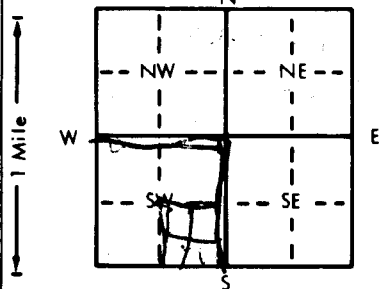


1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 SW 1/4 Section Number 27 Township Number T 02 S Range Number R 20 EW
 County: Doniphan Co. Kans.
 Distance and direction from nearest town or city street address of well if located within city?

5 1/2 miles northwest of Troy Kans.

2 WATER WELL OWNER: Leonard E. Twombly
 R.F. St. Address, Box #: RR 1 Box 133
 City, State, ZIP Code: Troy Kansas 66087
 Board of Agriculture, Division of Water Resources
 Application Number:

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



4 DEPTH OF COMPLETED WELL: 37 ft. ELEVATION: 27 ft.

Depth(s) Groundwater Encountered 1. 18 ft. 2. 27 ft. 3. 37 ft.

WELL'S STATIC WATER LEVEL 18 ft. below land surface measured on mo/day/yr 8-30-89

Pump test data: Well water was 32 ft. after 6 hours pumping 37 gpm

Est. Yield 3 gpm Well water was 32 ft. after 6 hours pumping 37 gpm

Bore Hole Diameter 34 in. to 20 ft. and 42 in. to 37 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

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
 2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 36 in. to 36 ft., Dia. 36 in. to 36 ft., Dia. 36 in. to 36 ft.

Casing height above land surface 36 in., weight 36 lbs./ft. Wall thickness or gauge No. 36

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 0 ft. to 20 ft., From 0 ft. to 20 ft., From 0 ft. to 20 ft.

GRAVEL PACK INTERVALS: From 0 ft. to 20 ft., From 0 ft. to 20 ft., From 0 ft. to 20 ft.

6 GROUT MATERIAL: Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 20 ft., From 0 ft. to 20 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? How many feet? 250'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	BLACK TOP SOIL			
12	9	GRAY SILTY CLAY			
9	13	BROWN WIND BLOWN			
13	21	YELLOW CLAY			
21	27	SANDY YELLOW CLAY			
27	33	JOINT CLAY - WET SAND + CLAY			
		PRODUCES WATER			
33	37	YELLOW CLAY			
		BOTTOM - YELLOW CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8-30-89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 320 This Water Well Record was completed on (mo/day/yr) 9-3-89 under the business name of POPPLEWELL WELL BORING by (signature) Jerry Popplewell