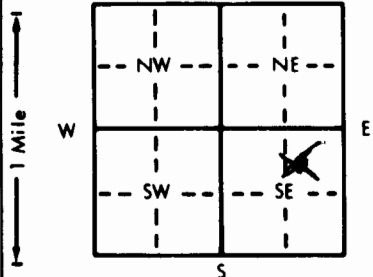


1 LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 SE 1/4 Section Number 16 Township Number T 18 S Range Number R 4 ~~W~~  
 County: McPherson

Distance and direction from nearest town or city street address of well if located within city?  
 4 1/2 miles south & 4 miles East of Marquette, KS

2 WATER WELL OWNER: E & M Sand Co., Inc.  
 RR#, St. Address, Box #: RR 3, P.O. Box 135 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Lindsborg, KS 67456 Application Number: N/A

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



4 DEPTH OF COMPLETED WELL... 61.5 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.  
 WELL'S STATIC WATER LEVEL .24 . . . . . ft. below land surface measured on mo/day/yr 6/25/97  
 Pump test data: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Est. Yield .50 . . . . . gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Bore Hole Diameter .8 . . . . . in. to .65 . . . . . ft., and . . . . . in. to . . . . . ft.  
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 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.  . . . . .; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes  No

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 . . . . .  
 PVC 4 ABS 7 Fiberglass . . . . . Threaded . . . . .

Blank casing diameter .5 . . . . . in. to .51.5 . . . . . 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:  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  Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) . . . . .

SCREEN-PERFORATED INTERVALS: From .51.5 . . . . . ft. to .61.5 . . . . . ft., From . . . . . ft. to . . . . . ft.  
 From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.  
 GRAVEL PACK INTERVALS: From .20 . . . . . ft. to .61.5 . . . . . ft., From . . . . . ft. to . . . . . ft.  
 From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout  Bentonite 4 Other . . . . .  
 Grout Intervals: From .0 . . . . . ft. to .20 . . . . . ft., From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.

What is the nearest source of possible contamination: none with 500 ft.  
 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Sandy Topsoil			
1	11	Fine to Medium Sand Tan			
11	12	Brown Sandy Clay Streak			
12	21	Medium to Coarse Sand Tan			
21	23	Brown Sandy Clay			
23	26	Medium to Coarse Sand Tan			
26	28	Brown Sandy Clay			
28	31	Medium to Coarse Sand Tan			
31	32	Brown Sandy Clay			
32	61.5	Medium to Coarse Sand White			
61.5	65	Red & Green Shale			

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) . . . . . 6/25/97 . . . . . 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) . . . . . 7/1/97 . . . . . under the business name of Peterson Irrigation, Inc. by (signature) Mike Peterson