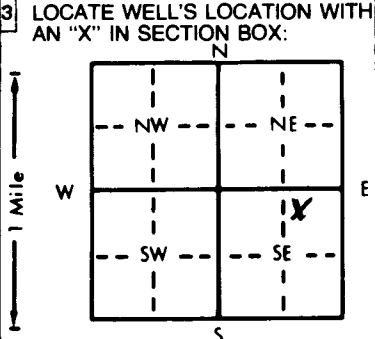


1 LOCATION OF WATER WELL: County: Riley Fraction: NW 1/4 NE 1/4 SE 1/4 Section Number: 22 Township Number: T 9 S Range Number: R 7 E/W

Distance and direction from nearest town or city street address of well if located within city? From Manhattan Mo 3 miles North on 13 Highway + 1/2 mile west on 24

2 WATER WELL OWNER: Palmer Industries Riley Co # 7743  
 RR#, St. Address, Box #: 5882 Tuttle Creek Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Manhattan, Mo 66502 Application Number:



4 DEPTH OF COMPLETED WELL: 120 ft. ELEVATION: ..... ft.  
 Depth(s) Groundwater Encountered 1. 75 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL: 60 ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield: 20.7 gpm; Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter: 9 in. to 120 in. to ..... in. to ..... in. to ..... ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic (circled) 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

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped  
 2 PVC (circled) 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter: 5 in. to 100 ft., Dia. in. to ..... ft., Dia. in. to ..... ft.  
 Casing height above land surface: 14 in., weight Sch 40 lbs./ft. Wall thickness or gauge No. ....  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC (circled) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) .....  
 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot (circled) 25/1000's 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 100 ft. to 120 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 25 ft. to 120 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite (circled) 4 Other .....  
 Grout Intervals: From 0 ft. to 25 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines (circled) 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? 100'

LITHOLOGIC LOG			PLUGGING INTERVALS		
FROM	TO		FROM	TO	
0	15	Brown Clay	91	105	Brown Shale
15	18	Limestone	105	109	Limestone
18	27	Gray Shale	109	120	Gray Shale
27	30	Limestone			
30	34	Yellow Shale			
34	43	Brown Shale			
43	45	Limestone			
45	49	Tan Shale			
49	55	Limestone			
55	68	Brown Shale			
68	70	Limestone			
70	75	Brown Shale			
75	83	Limestone (Water)			
83	88	Brown Shale			
88	91	Limestone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed (circled) (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/4/94 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451 This Water Well Record was completed on (mo/day/yr) 10/26/94 under the business name of Haldeman Well Drilling by (signature) Craig W. CWO/PS

OFFICE USE ONLY T R E/W SEC. 1/4 1/4 1/4