

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>McPherson</u>	<u>Near 1/4 Center 1/4 NW 1/4</u>	<u>28</u>	<u>T 20 S</u>	<u>R 3</u>

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

2 miles West of Elyria, KS

2 WATER WELL OWNER:	Sherwin Niehage
RR#, St. Address, Box # :	R.R. 1
City, State, ZIP Code :	McPherson, KS 67460
Board of Agriculture, Division of Water Resources	Application Number: <u>40,394</u>

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>156</u> ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. <u>48</u> ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL <u>48</u> ft. below land surface measured on mo/day/yr <u>3-18-94</u>
	Pump test data: Well water was ft. after hours pumping gpm
	Est. Yield <u>800</u> gpm: Well water was ft. after hours pumping gpm
	Bore Hole Diameter <u>30</u> in. to <u>76</u> ft., and <u>111</u> in. to <u>131</u> ft.
WELL WATER TO BE USED AS:	
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 <u>X</u> If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes <u>X</u> No	

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter <u>16</u> in. to <u>76</u> ft., Dia. <u>111</u> in. to <u>131</u> ft., Dia. in. to ft.			Threaded
Casing height above land surface <u>12</u> in., weight <u>16-15</u> lbs./ft. Wall thickness or gauge No. <u>500</u>			
TYPE OF SCREEN OR PERFORATION MATERIAL:			
1 Steel	3 Stainless steel	5 Fiberglass	7 PVC
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)
			10 Asbestos-cement
			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
2 Louvered shutter	4 Key punched	6 Wire wrapped	11 None (open hole)
		7 Torch cut	9 Drilled holes
			10 Other (specify)
SCREEN-PERFORATED INTERVALS:			
From <u>76</u> ft. to <u>111</u> ft., From ft. to ft.			
From <u>131</u> ft. to <u>156</u> ft., From ft. to ft.			
GRAVEL PACK INTERVALS:			
From <u>20</u> ft. to <u>156</u> 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 <u>0</u> ft. to <u>20</u> ft., From ft. to ft., From ft. to ft.			
What is the nearest source of possible contamination: <u>None within 1/4 mile</u>				
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	5	Top Soil	143	148	Fine to Medium Sand
5	14	Red Clay	148	151	Brown Clay
14	25	Tan Clay	151	155	Medium Sand
25	44	Tan Sandy Clay	155	156	Green Shale
44	60	Light Gray Clay			
60	72	Medium Tan Sand			
72	78	Tan Clay			
78	82	Fine Tan Sand			
82	85	Tan Clay			
85	107	Fine to Medium Sand			
107	110	Brown Clay & coarse Sand			
110	124	Gray Clay			
124	131	Brown Clay with fine Sand Streaks			
131	138	Medium to Course Sand & Gravel			
138	143	Brown Clay			

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) <u>3-18-94</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>138</u> This Water Well Record was completed on (mo/day/yr) <u>4-1-94</u> under the business name of <u>Peterson Irrigation Inc.</u> by (signature) <u>Mike Peterson</u>
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