

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Thomas</u>	<u>SE 1/4 SE 1/4 SE 1/4</u>	<u>11</u>	<u>T 9 S</u>	<u>R 33 EW</u>

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

In Mingo, Ks.

2 WATER WELL OWNER: <u>Engelhardt</u>	<u>Butler Environmental</u>
RR#, St. Address, Box # :	<u>1804 Glendale</u>
City, State, ZIP Code :	<u>Salina, Ks. 67401</u>

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: <u>160</u> ft. ELEVATION:
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1 Mile

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 120 ft. below land surface measured on mo/day/yr

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

Est. Yield gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter. 8 in. to 160 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Monitoring well

12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes. No. X If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No X

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>4.5</u> in. to <u>140</u> ft., Dia. in. to ft., Dia. in. to ft.			Threaded
Casing height above land surface. <u>18</u> in., weight <u>2.38</u> lbs./ft. Wall thickness or gauge No. <u>248</u>			

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	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	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 140 ft. to 160 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 160 ft., From ft. to ft.

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
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Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:

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	Elevator

Direction from well? West How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Surface	96	97	Clay
3	30	Clay	97	109	Clay & caliche
30	39	Clay & caliche strk.	109	119	Med. sand
39	59	Med. sand/2ith small clay st.	119	121	Caliche
59	62	Clay	121	126	Med. sand
62	64	Med. sand	126	127	Caliche
64	70	Clay	127	137	Med. sand
70	71	Med. sand	137	138	Clay
71	75	Clay	138	139	Med. sand
75	76	Caliche	139	145	Clay
76	90	Med. sand	145	147	Med. sand
90	92	Clay	147	151	Clay
92	93	Med. sand (coarse)	151	160	Med. sand
93	96	Clay & caliche			

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) 2-1-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 394 .. This Water Well Record was completed on (mo/day/yr) 2-6-91 under the business name of WOOFER PUMP & WELL by (signature) Walter Woofler