

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Ottawa</u>	<u>NW 1/4 SW 1/4 SW 1/4</u>	<u>22</u>	<u>T 12 S</u>	<u>R 1 E</u>

Distance and direction from nearest town or city street address of well if located within city?
1/4 mile North of Niles, Ks 2 miles East & 1 1/4 miles North

2 WATER WELL OWNER: Jim P. Duggan
 RR#, St. Address, Box # : 2522 Arrowhead Rd
 City, State, ZIP Code : Niles, Kansas 67480
 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>7.5</u> ft. ELEVATION:
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Depth(s) Groundwater Encountered 1 1.8 ft. 2 ft. 3 ft.

WELL'S STATIC WATER LEVEL 1.6 ft. below land surface measured on mo/day/yr 1.2 / 1.6 / 0.2

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

Est. Yield 9 gpm: Well water was ft. after hours pumping gpm

WELL WATER TO BE USED AS:

5 Public water supply	8 Air conditioning	11 Injection well
<u>1</u> Domestic	3 Feedlot	6 Oil field water supply
2 Irrigation	4 Industrial	7 Domestic (lawn & garden)
		9 Dewatering
		12 Other (Specify below)

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:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>*</u> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter 5 in. to 7.5 ft., Dia in. to ft.
 Casing height above land surface 2.4 in., weight 2.00 lbs./ft. Wall thickness or guage No. 2.50

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	<u>7</u> 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	<u>3</u> 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 1.6 ft. to 7.5 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 1.5 ft. to 7.5 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 7.5 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	

Direction from well? NONE How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	DARK CLAY			
7	14	SOFT BROWN CLAY			
14	22	SOFT GRAY CLAY & LITE BROWN			
22	28	TIGHT GRAY CLAY			
28	29	BLUE CLAY			
29	31	GRAY & BROWN MIXED SOFT			
31	40	WHITE SHALE			
40	55	BLUE CLAY			
55	57	SOFT BLUE CLAY			
57	58	LITE GRAY SHALE			
58	62	DARK GRAY SHALE			
62	75	GRAY SHALE & GYPSUM			

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) 1.2 / 1.6 / 0.2 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 39.7 This Water Well Record was completed on (mo/day/yr) 1.2 / 2.6 / 0.2 under the business name of CENTRAL KANSAS DRILLING by (signature) Herold D. Martin