

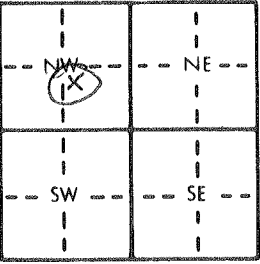
1 LOCATION OF WATER WELL: County: <u>Morris</u>	Fraction <u>NW 1/4 SE 1/4 NW 1/4</u>	Section Number <u>31</u>	Township Number <u>T 15 S</u>	Range Number <u>R 6 E</u>
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Distance and direction from nearest town or city street address of well if located within city?

3 miles North of Delavan, KS.MW# 20302 A

2 WATER WELL OWNER: <u>U.S. Corps of Engineers</u> RR#, St. Address, Box #: <u>700 Federal Building</u> City, State, ZIP Code: <u>601 E. 12th Street Kansas City, Mo. 64106-2895</u>	Board of Agriculture, Division of Water Resource Application Number: <u>64106-2895</u>
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>55</u> ft. ELEVATION: <u>42</u> ft.
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1 Mile

Depth(s) Groundwater Encountered 1. 19 ft. 2. 42 ft. 3. 42 ft.

WELL'S STATIC WATER LEVEL 42 ft. below land surface measured on mo/day/yr 12/08/96

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

Est. Yield 1.2 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter: 10 1/2 in. to 34.5 ft., and 6 in. to 55 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 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well (UNKNOWN)

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 _____ Clamped _____
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1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____

2 PVC 4 ABS 7 Fiberglass Threaded (X)

Blank casing diameter 6 in. to 34.5 ft. Dia. 2 in. to 50 ft. Dia. _____ in. to _____ ft.

Casing height above land surface 30 in., weight _____ lbs./ft. Wall thickness or gauge No. SL 40

TYPE OF SCREEN OR PERFORATION MATERIAL:

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:

1 Continuous slot 3 Mill slot .010 5 Gauzed wrapped 8 Saw cut 11 None (open hole)

2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes

3 Torch cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From 50 ft. to 55 ft. From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 47.5 ft. to 55 ft. From _____ ft. to _____ ft.

Blank casing diameter _____ in. to _____ ft. Dia. _____ in. to _____ ft.

Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL:

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)

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SCREEN-PERFORATED INTERVALS: From 50 ft. to 55 ft. From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 47.5 ft. to 55 ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other <u>concrete</u>	5 Bentonite High <u>3</u>
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Grout Intervals: From 40 ft. to 3 ft. From 3 ft. to 34.5 ft. From 42 ft. to 47.5 ft.

What is the nearest source of possible contamination: 2 From 3 to 42

1 Septic tank 4 Lateral lines 7 Pit privy

2 Sewer lines 5 Cess pool 8 Sewage lagoon

3 Watertight sewer lines 6 Seepage pit 9 Feedyard

10 Livestock pens 14 Abandoned water well

11 Fuel storage 15 Oil well/Gas well

12 Fertilizer storage 16 Other (specify below) Airpark

13 Insecticide storage

How many feet? ~1000' South

Direction from well? - South -

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	9	Clay Black to yellowish red.			
9	10.5	Shale weathered			
10.5	14	Claystone weathered			
14	16	Dolomite w/ limestone			
16	19	Claystone white, weathered			
19	20	Dolomite			
20	24.5	Dolomitic Claystone fractured			
24.5	29	Limestone			
29	31	Claystone & Limestone (fractured)			
31	40	Limestone			
40	50	Claystone w/ chert nodules			
50	54	Limestone			
54	55	Claystone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>12/12/96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>555</u> This Water Well Record was completed on (mo/day/yr) <u>01/07/97</u> under the business name of <u>A.W. Pool Inc.</u> by (signature) <u>Keith Pool</u>
