

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 095 GRAY W/C 1/4 LOT 5 1/4 NW 1/4 27 T 25 S R 30 W

Distance and direction from nearest town or city street address of well if located within city?
 APPROX. 1 MILE SOUTH AND 2 MILES WEST OF CHARLESTON

2 WATER WELL OWNER: WARTMAN RANCH INC.
 RRD, St. Address, Box #: R.R. 2, BOX 17 Board of Agriculture, Division of Water Resources
 City, State, ZIP code: INGALLS, KS 67853- Application Number: 12,931

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 165 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 24 ft. below land surface measured on mo/day/yr 05/03/93
 Pump test data: Well water was 81 ft. after 4 hours pumping 570 gpm
 Estimated Yield 600 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter 21 in. to 165 ft., and in. to 0 ft.
 WELL WATER TO BE USED AS: 02 IRRIGATION
 Was a chemical/bacteriological sample submitted to department? No ;
 If yes, mo/day/yr sample was submitted Water well disinfected? No

5 TYPE OF BLANK CASING USED: 02 PVC CASING JOINTS: WELDED
 Blank casing diameter 12 in. to 165 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 12 lbs/ft. Wall thickness or gauge No. .42
 TYPE OF SCREEN OR PERFORATION MATERIAL: 07 PVC
 SCREEN OR PERFORATION OPENINGS ARE: 03 MILL SLOT

SCREEN PERFORATED INTERVALS: From 05 ft. to 05 ft., From 115 ft. to 125 ft.
 From 95 ft. to 105 ft., From 135 ft. to 140 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 35 ft., From 0 ft. to 0 ft.
 From 45 ft. to 165 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 03 BENTONITE
 Grout intervals: From 0 ft. to 20 ft., From 35 ft. to 45 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: 14 ABAND. WELL
 Direction from well? EAST How many feet? 00

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	02 SILT			
1	37	09 COARSE SAND 14 MED GRAVEL 16 V CRS GRAVEL			
37	41	04 SANDY CLAY 20 LIMESTONE			
41	72	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND			
72	80	01 CLAY			
80	89	07 FINE SAND 08 MEDIUM SAND 09 COARSE SAND			
89	93	01 CLAY			
93	105	08 MEDIUM SAND 09 COARSE SAND 14 MED GRAVEL			
105	116	04 SANDY CLAY			
116	125	07 FINE SAND 08 MEDIUM SAND			

17 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was
 completed on (mo/day/year) and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 05/07/93
 under the business name of NEMKE DRILLING & SUPPLY by (signature)

(Continued)

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1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number
COUNTY: 035 GRAY | N/C 1/4 LOT 5 1/4 NW 1/4 | 27 | T 25 S | R 30 W

2 WATER WELL OWNER: WARTHAN RANCH INC.

RR#, St. Address, Box #: R.R. 2, BOX 17

City, State, ZIP code: INGALLS, KS 67053-

Board of Agriculture, Division of Water Resources

Application Number: 12,931

SCREEN PERFORATED INTERVALS: From 155 ft. to 165 ft., From 0 ft. to 0 ft.
From 0 ft. to 0 ft., From 0 ft. to 0 ft.

FROM	TO	LITHOLOGIC LOG
125	132	01 CLAY
132	144	07 FINE SAND 08 MEDIUM SAND
144	155	01 CLAY
155	163	08 MEDIUM SAND 09 COARSE SAND 14 MED GRAVEL
163	164	36 GYP ROCK
164	170	19 SHALE

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Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 05/07/03
under the business name of MENKLE DRILLING & SUPPLY by (signature)

Bruce J. Richmond