

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

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
 COUNTY: 047 KEARNY NE 1/4 SW 1/4 NW 1/4 10 T 23 S R 35 W

Distance and direction from nearest town or city street address of well if located within city?
 APPX. 1/4 MILE W, 6 N, 1 W, 1/2 OF DEERFIELD

2 WATER WELL OWNER: MILLER FARMS Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: RR 1 BOX 255
 City, State, ZIP code: DEERFIELD, KS 67838-9516 Application Number: 12,422

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 321 ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 128 ft. below land surface measured on mo/day/yr 11/24/97
 Pump test data: Well water was 205 ft. after 4 hours pumping 1410 gpm
 Estimated Yield 1410 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter 24 in. to 321 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? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
 Blank casing diameter 16 in. to 321 ft., Dia in. to 0 ft., Dia in. to 0 ft.
 Casing height above land surface 12 in., weight 39 lbs/ft. Wall thickness or gauge No. .225
 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
 SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: From 175 ft. to 235 ft., From 287 ft. to 317 ft.
 From 253 ft. to 263 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 321 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL 03 BENTONITE
 Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination: NONE OBSERVED
 Direction from well? How many feet? 0

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	02 SILT			
2	8	01 CLAY			
8	15	03 SILTY CLAY 31 CALICHE			
15	20	04 SANDY CLAY			
20	65	04 SANDY CLAY 31 CALICHE			
65	105	04 SANDY CLAY 08 MEDIUM SAND 09 COARSE SAND			
105	120	05 SAND 11 GRAVEL			
120	141	05 SAND 01 CLAY 11 GRAVEL			
141	164	04 SANDY CLAY 05 SAND			
164	177	05 SAND 04 SANDY CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 11/21/97 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) 12/10/97 under the business name of HENKLE DRILLING & SUPPLY by (signature)

(Continued)

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

1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number
COUNTY: 047 KEARNY NE 1/4 SW 1/4 NW 1/4 10 T 23 S R 35 W

2 WATER WELL OWNER: MILLER FARMS
RR#, St. Address, Box #: RR 1 BOX 255 Board of Agriculture, Division of Water Resources

City, State, ZIP code : DEERFIELD, KS 67838-9516 Application Number: 12,422

FROM	TO	LITHOLOGIC LOG
177	203	05 SAND 11 GRAVEL 01 CLAY
203	208	05 SAND 01 CLAY
208	215	01 CLAY
215	220	05 SAND 01 CLAY
220	225	04 SANDY CLAY
225	234	07 FINE SAND 08 MEDIUM SAND 01 CLAY
234	242	04 SANDY CLAY
242	252	04 SANDY CLAY 05 SAND
252	263	07 FINE SAND 08 MEDIUM SAND 01 CLAY
263	281	01 CLAY
281	285	FINE SAND 01 CLAY
285	318	05 SAND 11 GRAVEL 28 ROCK
318	340	19 SHALE

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 11/21/97 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) 12/10/97 under the business name of HENKLE DRILLING & SUPPLY by (signature)

Bruce J. Richman