WATER WELL RECORD — Form WWC-5

Division of Water Resources App. No. 21,792

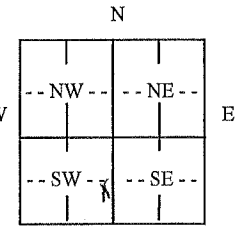
1 LOCATION OF WATER WELL: County: KEARNY | Fraction: ¼ SW ¼ SE ¼ NE ¼ | Section Number: 9 | Township No.: T 23 S | Range Number: R 35 ☐E ☑W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
DEERFIELD RD 180, WEST TO ROAD Z, N 5 MILES TO RD 230 WEST 1 MILE TO ROAD Y, 1/2 MILE N.

Global Positioning System (GPS) information:
Latitude: 38.06854 (in decimal degrees)
Longitude: 101.16147 (in decimal degrees)
Elevation: .....
Datum: ☐ WGS 84, ☐ NAD 83, ☑ NAD 27
Collection Method:
☑ GPS unit (Make/Model: .....)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER:
RR#, Street Address, Box #: MILLER FARMS INC 2413 ROAD Y
City, State, ZIP Code : DEERFIELD , KS 67838

3 LOCATE WELL WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 336 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 154 ft. below land surface measured on mo/day/yr. 6-29-11
Pump test data: Well water was 226 ft. after 4 hours pumping 1003 gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 16 in. to 336 ft., and ..... in. to ..... ft.
WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well
☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below)
☑ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well .....
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 CASING USED: ☑ Steel ☐ PVC ☐ Other .....
CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☐ Threaded
Casing diameter 24 in. to 270 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in., Weight 36.95 lbs./ft., Wall thickness or gauge No. 219
TYPE OF SCREEN OR PERFORATION MATERIAL:
☑ Steel ☐ Stainless Steel ☐ PVC ☐ Other (Specify) .....
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
☑ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)
☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) .....
SCREEN-PERFORATED INTERVALS: From 171 ft. to 261 ft., From 286 ft. to 316 ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 336 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other .....
Grout Intervals: From 0 ft. to 20 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
What is the nearest source of possible contamination:
☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☐ Other (specify below)
☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☑ Abandoned water well
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well .....
Direction from well East Distance from well 173

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	TOP SOIL	132	146	SAND FINE TO MED COURSE
2	19	BROWN SANDY CLAY	146	164	BROWN SANDY CLAY
19	25	SAND FINE TO MED	164	172	SAND FINE TO MED COURSE W/ CLAY STR
25	49	BRN SANDY CLAY W/ FEW SM SAND B	172	200	SAND FINE TO MED COURSE
49	60	BROWN CLAY	200	220	SAND FINE TO MED COURSE SM GRAVEL
60	70	SAND FINE TO MED COURSE SM GRA	220	230	SAND FINE TO MED W/COUPLE CLAY STRI
70	99	SAND FINE TO MED W/ FEW CLY STRI	230	245	FINE SAND W/ SOME CLAY STRINGERS
99	107	BROWN SANDY CLAY	245	256	BROWN SANDY CLAY
107	126	SAND FINE TO MED COURSE FEW SM	256	261	SAND FINE TO MED COURSE
126	132	BROWN SANDY CLAY	261	283	BROWN CLAY STICKY

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☑ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 6-27-11 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/year) 9-9-11 under the business name of HYDRO RESOURCES by (signature) Bruce J. Kerchmark

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of $5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

KSA 82a-1212 Check: ☑ White Copy, ☐ Blue Copy, ☐ Pink Copy

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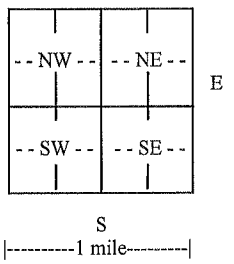

4 DEPTH OF COMPLETED WELL 336 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 145 ft. below land surface measured on mo/day/yr. 8-31-10
Pump test data: Well water was 226 ft. after 4 hours pumping 1003 gpm
EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
Bore Hole Diameter 24 in. to 336 ft., and .....in. to .....ft.
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Direction from well ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
283	302	SAND FINE TO MED W/BRN & TAN RK			
302	316	SAND FINE TO MD W/ BRN & TN RK			
316	318	YELLOW SANDSTONE			
318	330	BLACK SHALE			

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