

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Morton

Location listed as:

Section-Township-Range: 21-35S-39W

Fraction ( 1/4 1/4 1/4): None Given

Location changed to:

21-35S-39W

NW NW NE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

verification method: Written & legal descriptions, county map, latitude & longitude, KGS "LEO" conversion tool, and mapping tool & aerial photo on KGS website. initials: DR date: 9/30/2009

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

**WATER WELL RECORD**

**Form WWC-5**

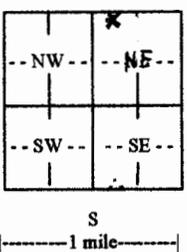
Division of Water Resources App. No.

10,870

**1 LOCATION OF WATER WELL:** Fraction  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  Lot 1 $\frac{1}{4}$  Section Number 21 Township No. T 35 S Range Number R 39  E  W  
 County: Morton  
 Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here   
 From Rolla, approx. 8 3/4 mi. South, 3 6/10 mi. East, and 150' North.

**2 WATER WELL OWNER:** Mitchell Farms  
 RR#, Street Address, Box #: PO Box 427  
 City, State, ZIP Code : Elkhart, Ks 67950

**Global Positioning System (GPS) information:**  
 Latitude: 36.99566 (in decimal degrees)  
 Longitude: 101.56177 (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

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


**4 DEPTH OF COMPLETED WELL 475** ..... ft.  
 Depth(s) Groundwater Encountered (1) ..... ft. (2) ..... ft. (3) ..... ft.  
 WELL'S STATIC WATER LEVEL 283 ..... ft. below land surface measured on mo/day/yr. 6/2/09  
 Pump test data: Well water was 393 ..... ft. after 4 ..... hours pumping. 422 ..... gpm  
 EST. YIELD ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter 30 ..... in. to 475 ..... 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 16 ..... in. to 475 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface 12 ..... in., Weight 42 ..... lbs./ft., Wall thickness or gauge No. 250  
 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 270 ..... ft. to 390 ..... ft., From 390 ..... ft. to 470 ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 20 ..... ft. to 375 ..... ft., From 375 ..... ft. to 475 ..... 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 West & North ..... Distance from well 191' & 58'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Top Soil	377	397	Fine to Medium Sand
2	77	Brown Sandy Clay	397	470	Fine-Med. Crs Sand, Clay Stringers
77	84	Fine to Medium Coarse Sand	470	475	Brown Sandy Clay
84	202	Brown Sandy Clay, Some Limerock			
202	219	Fine to Medium Sand			
219	270	Brown Sandy Clay			
270	301	Fine, Some Medium Sand			
301	315	Brown Sandy Clay			
315	369	Fine Sand, Lots of Mixed Clay			
369	377	Brown Sandy Clay			

**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) 5/28/2009 ..... 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) 6/15/2009 .....  
 under the business name of Henkle Drilling & Supply Co., Inc. ..... by (signature) [Signature]

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>.