

County: Morton Fraction S2 SW SE SE Sec. 31 T 32 S R 43 E/W

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

(to rectify lacking or incorrect information)

Owner: Richard Harlow

Location was listed as:

Location changed to:

Section-Township-Range: 31-32 S-43 W

31-32 S-43 W

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

S2 SW SE SE

Other changes: Initial statements: Written description unclear.

Changed to: From intersection of KS Hwy 27 and Blvd. L: 7 mi. W. to Rd. 2, 5 mi. N. to Blvd. R, 0.1 mi. W. to treeline, 300 ft. N. to fence.

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

Verification method: written & legal descriptions, county ownership map, and mapping tool & aerial photos on KGS website.

initials: ARL date: 7/11/2014

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**

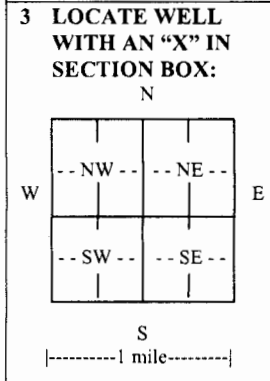
Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: Morton Co	Fraction 1/4    1/4    1/4    1/4	Section Number 31	Township No. T 32 S	Range Number R 43 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here   
w 7 m iles to rd 2' n 5 to rd r, go .1w to tree line, go n 300' to fence, locate 250' ra

**Global Positioning System (GPS) information:**  
Latitude: ..... (in decimal degrees)  
Longitude: ..... (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:** RICHARD HARLOW  
RR#, Street Address, Box #: 1615 RD 2  
City, State, ZIP Code : RICHFIELD KS 67953



**4 DEPTH OF COMPLETED WELL** 280 ..... ft.  
Depth(s) Groundwater Encountered (1) 162 ..... ft. (2) ..... ft. (3) ..... ft.  
WELL'S STATIC WATER LEVEL 162 ..... ft. below land surface measured on mo/day/yr. 5-22-14 .....  
Pump test data: Well water was 16 ..... ft. after 1 ..... hours pumping 100 ..... gpm  
EST. YIELD 100 ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm  
Bore Hole Diameter 9.75 ..... in. to 280 ..... 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 5 ..... in. to 280 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface 24 ..... in., Weight 3,706 ..... lbs./ft., Wall thickness or gauge No. SDR-21/17 .....  
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 200 ..... ft. to 280 ..... ft., From ..... ft. to ..... ft.  
From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From 60 ..... ft. to 280 ..... 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 1 ..... ft. to 25 ..... 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 ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	TOP SOIL			
3	14	CLAY			
14	19	CLAY SANDY CALICHE			
19	32	CALICHE/TAN CLAY			
32	54	SANDY CLAY			
54	105	MED. SAND			
105	151	CLAY SAND STREAKS			
151	174	SAND			
174	273	SAND/SAND STONE			
273	280	RED SHALE			

**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) 5-22-14 ..... and this record is true to the best of my knowledge and belief.  
Kansas Water Well Contractor's License No. 430 ..... This Water Well Record was completed on (mo/day/year) 5-22-14 .....  
under the business name of Howard Drlg Co Box 806 Beaver Ok 73932 by (signature) *Phil Howard*

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. 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>