

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No. []

1 LOCATION OF WATER WELL: County: BROWN Fraction SE 1/4 NE 1/4 SE 1/4 NE 1/4 Section Number 8 Township No. T 4 S Range Number R 17 [X]E []W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [] 1463 US 73 HWY Hiawatha, Ks. 664364
2 WATER WELL OWNER: Mr & Mrs Mark White RR#, Street Address, Box #: 102 Cherokee Ave City, State, ZIP Code : Hiawatha, KS. 66434
Global Positioning System (GPS) information: Latitude: 39.720067 (in decimal degrees) Longitude: -95.528026 (in decimal degrees) Elevation: Datum: [] WGS 84, [X] NAD 83, [] NAD 27 Collection Method: [X] GPS unit (Make/Model:) [] Digital Map/Photo, [] Topographic Map, [] Land Survey Est. Accuracy: [] <3 m, [] 3-5 m, [X] 5-15 m, [] >15 m

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S |-----1 mile-----|
4 DEPTH OF COMPLETED WELL 56 ft. Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 41 ft. below land surface measured on mo/day/yr. 9/29/16 Pump test data: Well water was ft. after hours pumping gpm EST. YIELD gpm Well water was ft. after hours pumping gpm Bore Hole Diameter in. to ft., and in. to ft. WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well [X] 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 [X] No If yes, mo/day/yr sample was submitted. Water well disinfected? [X] Yes [] No

5 TYPE OF CASING USED: [] Steel [] PVC [X] Other Rock Lined CASING JOINTS: [] Glued [] Clamped [] Welded [] Threaded Casing diameter 36" insid. in. to 68" out. ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface in., Weight lbs./ft., Wall thickness or gauge No. 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 ft. to ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout Intervals: From ft. to ft., From ft. to 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

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Multiple empty rows for data entry.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [] constructed, [] reconstructed, or [X] plugged under my jurisdiction and was completed on (mo/day/year) 11-22-16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/year) 9-16 under the business name of Kaudson Construction, Inc. by (signature) []

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

**NPS POLLUTION CONTROL FUNDS
ABANDONED WATER WELL COST-SHARE PROGRAM
(WELL PLUGGING WORKSHEET)**

WORKSHEET: (Use water quality bulletin to complete this worksheet, available through Cooperative Extension Service)

Name: Mark & Mary White County: BROWN Date: September 23, 2016

Type of Well: Drilled: Hand dug: X

Diameter (Inside): 36 in Diameter (Outside): 68 in Depth to Water: 41 Total Depth: 56 ft

<p>TOP SOIL: <u> 4.5 </u> ft</p>		<p>TOP SOIL NEEDED: <u> 25.22 </u> cu.ft/ft x <u> 4.5 </u> ft = <u> 113.5 </u> cu.ft <u> 113.5 </u> cu.ft x 1 cu.yd/27 cu.ft = <u> 4.2 </u> cu.yds</p>
<p>BENTONITE PLUG: <u> 0.5 </u> ft</p>		<p>BENTONITE NEEDED: PLUG: <u> 25.22 </u> cu.ft/ft x <u> 0.5 </u> ft = <u> 12.6 </u> cu.ft GROUT SEAL RESTORATION: <u> 0.0 </u> cu.ft <u> 12.6 </u> cu.ft x 1 bag/0.7 cu.ft = <u> 18.0 </u> bags</p>
<p>SUBSOIL: <u> 36 </u> ft</p>		<p>SUBSOIL NEEDED: <u> 7.07 </u> cu.ft/ft x <u> 36 </u> ft = <u> 254.5 </u> cu.ft <u> 254.5 </u> cu.ft x 1 cu.yd/27 cu.ft = <u> 9.4 </u> cu.yds</p>
<p>SAND (to water level): <u> 15 </u> ft</p>		<p>SAND NEEDED: <u> 9.19 </u> cu.ft/ft x <u> 15 </u> ft = <u> 137.8 </u> cu.ft <u> 137.8 </u> cu.ft x 1 cu.yd/27 cu.ft = <u> 5.1 </u> cu.yds</p> <p>CHLORINE NEEDED - Liquid (5.25%): <u> 64.51 </u> oz/ft x <u> 15 </u> ft = <u> 967.6 </u> oz <u> 967.6 </u> oz x 1 gal/128 oz = <u> 7.6 </u> gal</p>

SITE PREPARATION: REMOVE PUMP AND COLUMN PIPE AND DEBRIS. EXCAVATE AROUND DRILLED WELL CASING AND CUT CASING 3 FEET BELOW GROUND LEVEL. STOCKPILE FILL MATERIAL ON SITE. LEAVE IN TRUCK IF POSSIBLE. HANDDUG WELLS NEED TRACTOR WITH FRONT END LOAD OR LARGE PRY BARS TO CAVE IN ROCK LINING.

RECEIVED

FEB 14 2017

KS GEO SURVEY