

**WATER WELL PLUGGING RECORD Form WWC-5P**

KSA 82a-1212

ID NO.  

<b>1 LOCATION OF WATER WELL:</b> County: <u>Franklin</u>	Fraction <u>NE 1/4 SE 1/4 NW 1/4 NE 1/4</u>	Section Number <u>33</u>	Township Number <u>T 17 S</u>	Range Number <u>R 21</u> <input checked="" type="checkbox"/> E <input 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

**Global Positioning Systems (GPS) information:**  
 Latitude: 38° 31' 58.73" N (in decimal degrees)  
 Longitude: 95° 5' 21.71" W (in decimal degrees)  
 Elevation: 904 ft  
 Horizontal Datum:  WGS84,  NAD83,  NAD27  
 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:** Ellen Unnh  
 RR#, St. Address, Box #: 4642 Jackson Rd  
 City, State ZIP Code: Rantoul, KS 66079

<p><b>3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b></p> <div style="text-align: center;"> </div>	<p><b>4 DEPTH OF WELL</b> <u>27</u> ft.                  WELL'S STATIC WATER LEVEL <u>17</u> ft</p> <p>WELL WAS USED AS:</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Domestic</td> <td><input type="checkbox"/> Public Water Supply</td> <td><input type="checkbox"/> Dewatering</td> </tr> <tr> <td><input type="checkbox"/> Irrigation</td> <td><input type="checkbox"/> Oil Field Water Supply</td> <td><input type="checkbox"/> Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Feedlot</td> <td><input type="checkbox"/> Domestic (Lawn &amp; Garden)</td> <td><input type="checkbox"/> Injection Well</td> </tr> <tr> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Air Conditioning</td> <td><input type="checkbox"/> Other _____</td> </tr> </table> <p>Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input type="checkbox"/> Dewatering	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input type="checkbox"/> Monitoring	<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well	<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other _____
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**5 TYPE OF BLANK CASING USED:**

<input type="checkbox"/> Steel	<input type="checkbox"/> RMP (SR)	<input type="checkbox"/> Wrought	<input type="checkbox"/> Fiberglass	<input checked="" type="checkbox"/> Other (Specify below)
<input type="checkbox"/> PVC	<input type="checkbox"/> ABS	<input type="checkbox"/> Asbestos-Cement	<input type="checkbox"/> Concrete Tile	<u>Rock</u>

Blank casing diameter 48 in. Was casing pulled? Yes  No  If yes, how much 5'  
 Casing height above or below land surface 60 in.

**6 GROUT PLUG MATERIAL:**  Neat cement  Cement grout  Bentonite  Other \_\_\_\_\_

Grout Plug Intervals: From 4.5 ft. to 5 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

What is the nearest source of possible contamination:

<input checked="" type="checkbox"/> Septic tank	<input type="checkbox"/> Seepage pit	<input type="checkbox"/> Fuel storage	<input type="checkbox"/> Other (specify below)
<input type="checkbox"/> Sewer lines	<input type="checkbox"/> Pit privy	<input type="checkbox"/> Fertilizer storage	
<input type="checkbox"/> Watertight sewer lines	<input type="checkbox"/> Sewage lagoon	<input type="checkbox"/> Insecticide storage	
<input type="checkbox"/> Lateral lines	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Abandoned water well	Direction from well? <u>East</u>
<input type="checkbox"/> Cess pool	<input type="checkbox"/> Livestock pens	<input type="checkbox"/> Oil well/Gas well	How many feet? <u>150 ft</u>

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
<u>0</u>	<u>4.5ft</u>	<u>Top Soil</u>			
<u>4.5ft</u>	<u>5 ft</u>	<u>Bentonite</u>			
<u>5</u>	<u>16.5ft</u>	<u>SUBSOIL</u>			
<u>16.5ft</u>	<u>27ft</u>	<u>3/4" Washed Rock</u>			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was plugged under my jurisdiction and was completed on (mo/day/year) 11-16-2023 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) 11-21-2023 under the business name of \_\_\_\_\_ by (signature) Ellen M Unnh

Send one white copy to Kansas Department of Health & Environment, Geology Section, 1000 SW Jackson Street, Ste. 420, Topeka, KS 66612-1367. Send one copy to WATER WELL OWNER and retain one for your records.  
 Visit us at <http://www.kdheks.gov/waterwell/index.html> Telephone 785-296-5524.

**WELL DECOMMISSIONING CODE 351**

( WELL PLUGGING WORKSHEET "Unconfined Aquifer")

**NAME:** Ellen Unruh  
**LEGAL:** NE 33-17-21  
**COUNTY:** Franklin

**Design By:** KH  
**Check By:** \_\_\_\_\_

**Date:** 8/31/2023  
**Date:** \_\_\_\_\_

Diameter (Inside inches) 42 (Outside inches) 48      Depth to water: 17 ft.      Total Depth: 27 ft.  
 Type of Well:     Drilled       Hand Dug

From 4.5 feet below the ground surface to the ground surface, the plugged well be covered with compacted silt, clay soils or surface soils.

**TOPSOIL**

$12.56 \text{ cu.ft./ft.} \times 4.5 \text{ ft. of fill} = 56.5 \text{ cu.ft.}$

4.5 ft.

$56.5 \text{ cu.ft.} / 27 = 2.09 \text{ cu. yds.}$

Using a bentonite grouting material, placed a minimum 0.5-foot thick plug. Diameter of plug is after removal of rock lining.

**PLUG**

$12.56 \text{ cu.ft./ft.} \times 0.5 \text{ ft. of plug} = 6.3 \text{ cu. ft.}$

0.5 ft.

$6.3 \text{ cu.ft.} / 0.7 \text{ bag per cu.ft.} = 9.0$

**50# Bags of Bentonite**

From the static water level to 5 feet below the ground surface, the well shall be filled with compacted clay or an approved grout.

**SUBSOIL**

$9.62 \text{ cu.ft./ft.} \times 11.5 \text{ ft. of fill} = 110.6 \text{ cu.ft.}$

11.5 ft.

$110.6 \text{ cu.ft.} / 27 = 4.10 \text{ cu. yds.}$

*Static Water Level*

Household chlorine bleach at 5 percent concentration of chlorine can be used in a ratio of 1 gallon bleach per 500 gallons of water.

**CHLORINE: @ 5%**

$18.42 \text{ oz.ft./ft.} \times 10 \text{ ft. of water} = 184.2 \text{ oz.}$

$184.2 \text{ oz.} / 128 \text{ oz./gal} = 1.44 \text{ gallons}$

Fill the well with clean sand or gravel up to the *Static Water Level*.

**SAND or 1" WASHED ROCK:**

$9.62 \text{ cu.ft./ft.} \times 10 \text{ ft. of sand} = 96.2 \text{ cu.ft.}$

10.0 ft.

$96.2 \text{ cu.ft.} / 27 = 3.56 \text{ cu. yds.}$

$3.56 \text{ cu.yds.} + \text{additional } 30\% = 4.63 \text{ cu. yds.}$

Record of plugging the well. A record must be filed with the Kansas Department of Health and Environment (KDHE) office in Topeka, Kansas within 30 days following the completion of the above plugging procedures. In accordance with Kansas Statutes Annotated (K.S.A.) 82a-1212. Form WWC-5 is to be used to record this information.

**SITE PREPARATION:**

Remove pump and column pipe and debris. Knock down the top 5 feet of the well rock lining material and let fall into the well.

Construction and material specifications shall be developed which conform to Article 30, Water Well Construction and Abandonment, Kansas Department of Health and Environment. Refer to KDHE's website Article 30, K.S.A.'s, and K.A.R.'s.

<http://www.kdhe.state.ks.us>