

County: Leavenworth Fraction: NW NW NW SW Sec. 7 T. 10 S R. 22 E

CORRECTION(S) to WATER WELL COMPLETION RECORD Form WWC-5 (to rectify lacking or incorrect information)

Owner: Charles Hitzeman

If location corrected, was listed as:

Section-Township-Range: none listed

Fraction (1/4 calls): none listed

Location changed to:

7-10-22E

NW NW NW SW

Other changes: Initial statements: Well static changed from 4' to 60'

blank casing diameter changed from NA to 48"

Changed to: _____

Comments: _____

Verification method: verified information given from Pam Chaffee (KDHE) and owner Charles Hitzeman

Initials: SH Date: 08-17-2021

Submitted by: ☒ Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3724
☐ Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

WATER WELL PLUGGING RECORD Form WWC-5P KSA 82a-1212 ID NO.

1 LOCATION OF WATER WELL: Fraction NW 1/4 Section Number 7 Township Number T 10 S Range Number 22 ☒ E ☐ W

County: LEAVENWORTH

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: 39.1934 (in decimal degrees)
Longitude: 95.0120 (in decimal degrees)
Elevation: _____
Horizontal Datum: ☒ WGS84, ☐ NAD83, ☐ NAD27
Collection Method: _____

2 WATER WELL OWNER: CHARLES HITZEMAN
RR#, St. Address, Box #: 23154 TONGANOXIE RD.
City, State ZIP Code: TONGANOXIE, KS 66066

☐ GPS unit (Make/Model: _____)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ < 3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ > 15 m

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:

	N	
X NW		NE
W		E
SW		SE
	S	

4 DEPTH OF WELL 64 ft.
WELL'S STATIC WATER LEVEL 4 ft.
WELL WAS USED AS:
☒ Domestic ☐ Public Water Supply ☐ Dewatering
☐ Irrigation ☐ Oil Field Water Supply ☐ Monitoring
☐ Feedlot ☐ Domestic (Lawn & Garden) ☐ Injection Well
☐ Industrial ☐ Air Conditioning ☐ Other _____

Was a chemical/bacteriological sample submitted to Department? Yes ☐ No ☒

5 TYPE OF BLANK CASING USED:

☐ Steel ☐ RMP (SR) ☐ Wrought ☐ Fiberglass ☒ Other (Specify below)
☐ PVC ☐ ABS ☐ Asbestos-Cement ☐ Concrete Tile Hard Dry well
Sand Stone Rock & mortar

Blank casing diameter N/A in. Was casing pulled? Yes ☐ No ☐ If yes, how much N/A
Casing height above or below land surface N/A in. TOP 6 FEET OF SANDSTONE ROCK CASING REMOVED

6 GROUT PLUG MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other _____

Grout Plug Intervals: From 5 ft. to 5 ft. 6" From _____ ft. to _____ ft. From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
☒ Septic tank ☐ Seepage pit ☐ Fuel storage ☐ Other (specify below)
☐ Sewer lines ☐ Pit privy ☐ Fertilizer storage
☐ Watertight sewer lines ☐ Sewage lagoon ☐ Insecticide storage
☐ Lateral lines ☐ Feedyard ☐ Abandoned water well
☐ Cess pool ☐ Livestock pens ☐ Oil well/Gas well

Direction from well? EAST
How many feet? 150

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
64'	52'	Clean washed, Pen gravel	(5 Ton)		
52'	5'	Sand	(50 Ton)		
5'	4'6"	Bentonite Play	(800 LBS)		
4'6"	1'	Clay	(15 yards)		
1'	0'	Black Dirt	(4 yards)		

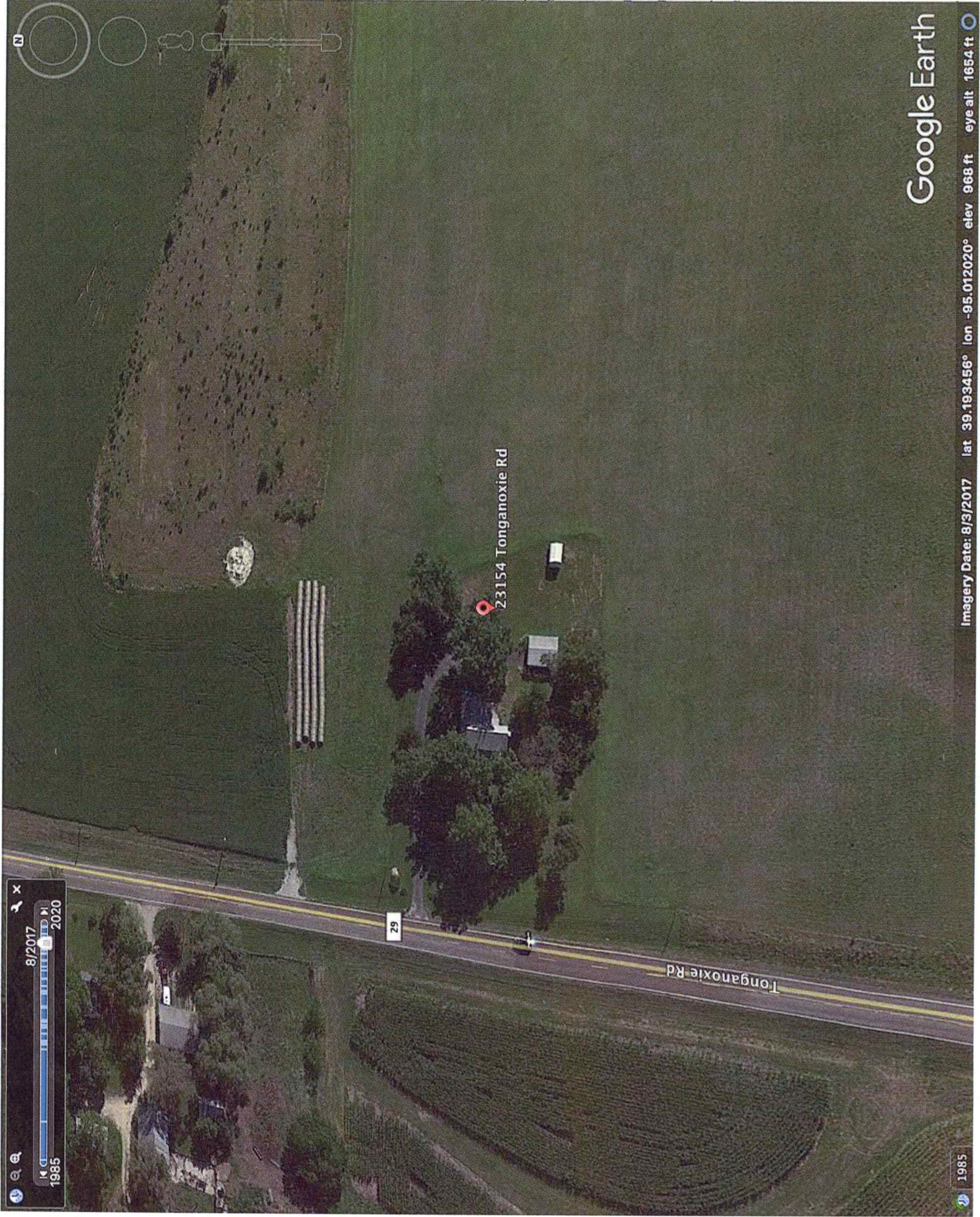
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 3/8/21 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. N/A. This Water Well Record was completed on (mo/day/year) N/A under the business name of Kramer & Sons Construction LLC by (signature) _____

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.

RECEIVED

MAY 24 2021

BUREAU OF WATER



Google Earth

Imagery Date: 8/3/2017 lat 39.193456° lon -95.012020° elev 968 ft eye alt 1654 ft

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: Charles Hitezman County: Leavenworth Date: December 16, 2020

Type of Well: Drilled: Hand dug: X

Diameter (Inside): 48 in Diameter (Outside): 98 in Depth to Water: 60 Total Depth: 64 ft

TOP SOIL: 4.5 ft

TOP SOIL NEEDED:

$$\underline{52.38} \text{ cu.ft/ft} \times \underline{4.5} \text{ ft} = \underline{235.7} \text{ cu.ft}$$

$$\underline{235.7} \text{ cu.ft} \times 1 \text{ cu.yd/27 cu.ft} = \underline{8.7} \text{ cu.yds}$$

BENTONITE PLUG: 0.5 ft

BENTONITE NEEDED:

$$\text{PLUG: } \underline{52.38} \text{ cu.ft/ft} \times \underline{0.5} \text{ ft} = \underline{26.2} \text{ cu.ft}$$

$$\text{GROUT SEAL RESTORATION: } \underline{0.0} \text{ cu.ft}$$

$$\underline{26.2} \text{ cu.ft} \times 1 \text{ bag/0.7 cu.ft} = \underline{37.4} \text{ bags}$$

SUBSOIL: 55 ft

SUBSOIL NEEDED:

$$\underline{12.57} \text{ cu.ft/ft} \times \underline{55} \text{ ft} = \underline{691.2} \text{ cu.ft}$$

$$\underline{691.2} \text{ cu.ft} \times 1 \text{ cu.yd/27 cu.ft} = \underline{25.6} \text{ cu.yds}$$

SAND (to water level): 4 ft

SAND NEEDED:

$$\underline{16.34} \text{ cu.ft/ft} \times \underline{4} \text{ ft} = \underline{65.3} \text{ cu.ft}$$

$$\underline{65.3} \text{ cu.ft} \times 1 \text{ cu.yd/27 cu.ft} = \underline{2.4} \text{ cu.yds}$$

CHLORINE NEEDED - Liquid (5.25%):

$$\underline{114.68} \text{ oz/ft} \times \underline{4} \text{ ft} = \underline{458.7} \text{ oz}$$

$$\underline{458.7} \text{ oz} \times 1 \text{ gal/128 oz} = \underline{3.6} \text{ gal}$$

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.