

County: Douglas Fraction NE NW SE SW Sec. 14 T 12 S R 18 ~~Q~~

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

(to rectify lacking or incorrect information)

Owner: Charlene Winter

Location was listed as:

Section-Township-Range: _____

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SW

Location changed to:

NE NW SE SW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: LED web

initials: PLS date: 11/7/2014

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 660473726

to: 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.

429

1 LOCATION OF WATER WELL: County: Douglas Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input checked="" type="checkbox"/> 638 N 1800 Road Lecompton, KS 66050	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number 14 Township Number T 12 S Range Number 18 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Global Positioning Systems (GPS) information: Latitude: -95.384617 (in decimal degrees) Longitude: 39.003825 (in decimal degrees) Elevation: 1040 Horizontal Datum: <input type="checkbox"/> WGS84, <input type="checkbox"/> NAD83, <input type="checkbox"/> NAD27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: _____) <input checked="" type="checkbox"/> Digital Map/Photo, <input checked="" type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> < 3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> > 15 m																																																
2 WATER WELL OWNER: Charlene Winter RR#, St. Address, Box #: 638 N 1800 Road City, State ZIP Code: Lecompton, KS 66050	3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div>																																																	
4 DEPTH OF WELL 20 ft. WELL'S STATIC WATER LEVEL 13 ft WELL WAS USED AS: <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 _____ Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>well was treated with 4 Gallons household Bleach</i>																																																		
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 <i>Limestone Rock Lining</i> Blank casing diameter _____ in. Was casing pulled? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, how much _____ Casing height above or below land surface _____ in.																																																		
6 GROUT PLUG MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ Grout Plug Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: <input 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 _____ <input type="checkbox"/> Cess pool <input checked="" type="checkbox"/> Livestock pens <input type="checkbox"/> Oil well/Gas well _____ Direction from well? <i>West</i> How many feet? <i>200 ft</i>																																																		
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) <i>8-18-16</i> 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) <i>9-14-16</i> under the business name of <i>E4 Excavating, Inc.</i> by (signature) <i>[Signature]</i> <i>Robert L. Edwards</i>																																																		

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.

Name Charlene Winter
Legal Desc. SW4 14-12-18Ident. No. 429
County Douglas

Table of Quantities

Item	Unit	Design Quantity	Installed Quantity
Removal of all pumping equipment, pipelines, etc as per ASTM D 5299	Each	1	
Household bleach to be added to existing well water	Gallons	2.06	
Dislodging of top portion of well lining rock into the wall	Vertical Feet	5	
*The well-liner rock must be removed in zone where the plug will be placed			
Clean Sand or Gravel for filling up to static water level	Cubic Yards	6.62	
*estimated max. amt. of sand needed if none of the well-liner rock is dropped			
Compacted Clay Soil to fill up to within 5' of the ground	Cubic Yards	5.81	
Bentonite Grouting material to make a .5' thick plug	Bags	14	
Compacted Surface Soil to fill remainder of hole and mounded to drain	Cubic Yards	3.27	
Grass seeding of denuded area	Acres	0.02	



Location Map

Scale: 1" = NTS

Before any investigation or construction activity, the excavator is responsible for calling Kansas One-Call at 800-344-7233 (800-DIG-SAFE).

Remarks Due to the collapsing of the top section of the well, it is likely that more than the design quantity of topsoil will be needed to adequately plug the well. Not all of the well lining rock may fit into the well void below the static water level. If not, the remaining rock shall be hauled away from the site.

Steven Hallstrom 8/15/16
Designed by Date
Christy Ronsse 8/15/16
Checked by Date
Christy Ronsse 8/15/16
Approved by Date

Steven Hallstrom 8/15/16
Layout by Date
BL260 for E4Exc. 8/15/16
Checkout by Date

WELL DECOMMISSIONING CODE 351

(WELL PLUGGING WORKSHEET "Unconfined Aquifer")

NAME: Charlene Winter
 LEGAL: SW4 14-12-18
 COUNTY: Douglas
 IDENT #: 429

Design By: Steven Hallstrom
 Check By: _____

Date: 8/15/2016
 Date: _____

Type of Well: ☒ Drilled ☐ Hand Dug

Diameter (Inside inches) 60 (Outside inches) 60

Depth to water: 13 ft.

Total Depth: 20 ft.

Ground
 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.

$$19.62 \text{ cu.ft./ft.} \times 4.5 \text{ ft. of fill} = 88.3 \text{ cu.ft.}$$

$$88.29 \text{ cu.ft.} / 27 = 3.27 \text{ cu. yds.}$$

PLUG

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

PLUG

$$19.62 \text{ cu.ft./ft.} \times 0.5 \text{ ft. of plug} = 9.8 \text{ cu. ft.}$$

$$9.81 \text{ cu.ft.} / 0.7 \text{ bag per cu.ft.} = 14.0 \text{ Bags of Bentonite}$$

SUBSOIL

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

$$19.63 \text{ cu.ft./ft.} \times 8 \text{ ft. of fill} = 157.0 \text{ cu.ft.}$$

$$157 \text{ cu.ft.} / 27 = 5.81 \text{ cu. yds.}$$

Static Water Level

Household chlorine bleach at 5.25 percent concentration of chlorine can be used in a ratio of 1 gallon bleach per 500 gallons of water.

CHLORINE: @ 5.25%

$$37.58 \text{ oz.ft./ft.} \times 7 \text{ ft. of water} = 263.1 \text{ oz.}$$

$$263.1 \text{ oz.} / 128 \text{ oz./gal} = 2.06 \text{ gallons}$$

SAND

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

SAND

$$19.63 \text{ cu.ft./ft.} \times 7 \text{ ft. of sand} = 137.4 \text{ cu.ft.}$$

$$137.4 \text{ cu.ft.} / 27 = 5.09 \text{ cu. yds.}$$

$$5.09 \text{ cu.yds.} + \text{additional } 30\% = 6.62 \text{ cu. yds.}$$

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.

[Fact Sheet - Plugging Dug Water Wells](#)
[article30.pdf](#)