County: Norton Fraction: SW SE SW SE Sec. 19 T 1 S R 25 W

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

Owner: Brian Holz

If location corrected, was listed as:	**Location changed to:**
Section-Township-Range: 19-1S-25	19-1S-25W
Fraction (¼ calls):	SW SE SW SE

Other changes: Initial statements: N, 12 miles Norcator

Changed to: From Norcatur: 7 mi. N.

Comments:

Verification method: Latitude & longitude, KGS' "LEOWEB" conversion tool, and mapping tool on KGS website.

Initials: DRL Date: 7/26/2018

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

(01/26/2018)

- Kansas -

WATER WELL RECORD Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Norton	Fraction ¼ ¼ ¼	Section Number 19	Township Number T 1 S	Range Number R 25 E/W

Distance and direction from nearest town or city street address of well if located within city? 8 N, 12 miles Norcatur

Global Positioning Systems (decimal degrees, min. of 4 digits)
Latitude: 39° 56' 39.02"
Longitude: 100° 10' 21.99"
Elevation:
Datum:
Data Collection Method:

2 WATER WELL OWNER: Brian Holtz
RR#, St. Address, Box # P.O. Box 91
City, State, ZIP Code : Wilsonville NE

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

N / W / E / S — NW, NE, SW (X), SE

4 DEPTH OF COMPLETED WELL 113 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 72 ft. below land surface measured on mo/day/yr.....
Pump test data: Well water was.....ft. after..... hours pumping..... gpm
Est. Yield.....gpm: Well water was.....ft. after..... hours pumping..... gpm
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Livestock
Was a chemical/bacteriological sample submitted to Department? Yes ..... No ..X..; If yes, mo/day/yrs Sample was submitted..... Water well disinfected? Yes ..X.. No .....

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued ..X.. Clamped.....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....
(2 PVC) 4 ABS 7 Fiberglass ..... Threaded.....
Blank casing diameter ..4..... in. to ..... ft., Diameter. ..... in. to ..... ft., Diameter ..... in. to .....ft.
Casing height above land surface.....24..... in., Weight .....160.....lbs./ft. Wall thickness or guage No. ..-.173.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless Steel 5 Fiberglass (7 PVC) 9 ABS 11 Other (Specify) .....
2 Brass 4 Galvanized Steal 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped (8 Saw Cut) 10 Other (specify) .....

SCREEN-PERFORATED INTERVALS: From 93 ft. to 113 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 60 ft., From ..... ft. to ..... ft.
From 65 ft. to 113 ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (3 Bentonite) 4 Other .....
Grout Intervals: From 0 ft. to 20 ft., From 60 ft. to 65 ft., From ..... ft. to .....ft.

What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well .....
Direction from well? ..... How many feet? .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	20	Soil + clay	84	89	Sandstone + clay
20	35	Sandstone clay + lime	89	93	Clay + gt. clay
35	40	Fine sand + clay	93	106	Fine to Coarse sand
40	47	Clay	106	108	P Sandstone + clay, lime
47	56	Sandstone, clay + lime	108	111	Sandstone, clay, lime
56	59	Fine sand	111	114	Flint + Ocher
59	78	Clay, gt. Clay some lime	114	115	Hard Flint
78	80	P. Sandstone, sandy clay			
80	83	Clay + gt. Clay			
83	84	P. Sandstone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 6-5-18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 425 This Water Well Record was completed on (mo/day/year) 6-5-18 under the business name of Burton Well Drilling by (signature) Pat Stutt

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.