County: Pottawatomie Fraction SW NW SE SW Sec. 13 T 9 S R 8 (E)W

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

Owner: Wilson, Jay

Location was listed as:	**Location changed to:**
Section-Township-Range: 13 - 9S - 8E	13 - 9S - 8E
Fraction (¼ ¼ ¼): None given	SW NW SE SW

Other changes: Initial statements: No location given

Changed to: in field NE of Lake Elbo Rd and Elizas Rd, Manhattan

Comments:

Verification method: KGS LEOWEB software, KGS Interactive Maps, Google Earth

initials: DRL date: 6-19-2017

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 RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. ____ Well ID ____

1 LOCATION OF WATER WELL: County: POTT	Fraction ¼ ¼ ¼ ¼	Section Number 13	Township Number T 9 S	Range Number R 8 ☒E ☐W

2 WELL OWNER: Last Name: WILSON First: JAY
Business: Address: 1513 Little Kitten
Address:
City: Manhattan State: KS ZIP 66503

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☐

3 LOCATE WELL WITH "X" IN SECTION BOX: N / W / E / S — NW, NE, SW, SE — X marked in SE quarter. |——1 mile——|

4 DEPTH OF COMPLETED WELL: 140 ft.
Depth(s) Groundwater Encountered: 1) 117 ft. 2) .... ft. 3) .... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 117 ft.
☒ below land surface, measured on (mo-day-yr) ....
☐ above land surface, measured on (mo-day-yr) ....
Pump test data: Well water was .... ft.
after .... hours pumping .... gpm
Well water was .... ft.
after .... hours pumping .... gpm
Estimated Yield: 12 gpm
Bore Hole Diameter: 9¼ in. to 140' ft. and
.... in. to .... ft.

5 Latitude: N 39° 15.853 (decimal degrees)
Longitude: W 096° 28.634 (decimal degrees)
Horizontal Datum: ☐ WGS 84 ☐ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
☒ GPS (unit make/model: ....)
(WAAS enabled? ☐ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: ....

6 Elevation: 1260' ft. ☒ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map
☐ Other ....

7 WELL WATER TO BE USED AS:

1. Domestic: ☒ Household ☐ Lawn & Garden ☐ Livestock
2. ☐ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID ....
6. ☐ Dewatering: how many wells? ....
7. ☐ Aquifer Recharge: well ID ....
8. ☐ Monitoring: well ID ....
9. Environmental Remediation: well ID .... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Recovery ☐ Injection
10. ☐ Oil Field Water Supply: lease ....
11. Test Hole: well ID .... ☐ Cased ☐ Uncased ☐ Geotechnical
12. Geothermal: how many bores? .... a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
13. ☐ Other (specify): ....

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted: ....
Water well disinfected? ☒ Yes ☐ No

8 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other .... CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☐ Threaded
Casing diameter 5" in. to 120' ft., Diameter .... in. to .... ft., Diameter .... in. to .... ft.
Casing height above land surface 2' in. Weight Sch 40 lbs./ft. Wall thickness or gauge No. ....
TYPE OF SCREEN OR PERFORATION MATERIAL: 5 SDT
☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC ☐ Other (Specify) ....
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: .025/100
☐ Continuous Slot ☒ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify) ....
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 120 ft. to 140 ft., From .... ft. to .... ft., From .... ft. to .... ft.
GRAVEL PACK INTERVALS: From 30 ft. to 140 ft., From .... ft. to .... ft., From .... ft. to .... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other ....
Grout Intervals: From 5' ft. to 30' ft., From .... ft. to .... ft., From .... ft. to .... ft.
Nearest source of possible contamination: None Close
☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage
☐ Sewer Lines ☐ Cess Pool ☐ Sewage Lagoon ☐ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☐ Other (Specify) ....
Direction from well? .... Distance from well? .... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Top Soil	58	67	Limestone
1	3	Brown Clay	67	81	Grey Shale
3	9	Yellow Clay	81	91	Brown Shale
9	11	Limestone	91	95	Grey Shale
11	19	Yellow Shale	95	117	Brown Shale
19	21	Limestone	117	133	Limestone (water)
21	38	Grey Shale	Notes: 133	140	Grey Shale
38	47	Brown Shale			
47	58	Tan Shale			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 5/15/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 451. This Water Well Record was completed on (mo-day-year) 5/23/2017 under the business name of Holdeman Water Drilling [signature]

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.