WATER WELL RECORD Form WWC-5

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

☐ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Nemaha | Fraction: ¼ SW ¼ SE ¼ SE ¼ | Section Number: 4 | Township Number: T 1 S | Range Number: R 14 ■ E ☐ W

2 WELL OWNER: Last Name: Wertenberger First: Douglas & Business: Address: 2191 232nd Road Address: City: Sabetha State: KS ZIP: 66534

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; |----------1 mile----------|

4 DEPTH OF COMPLETED WELL: 123 ft.

Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: 52 ft.

■ below land surface, measured on (mo-day-yr) 6-6-18

☐ above land surface, measured on (mo-day-yr) .....

Pump test data: Well water was 120 ft. after 1.5 hours pumping 4 gpm

Well water was ..... ft. after ..... hours pumping ..... gpm

Estimated Yield: 4 gpm

Bore Hole Diameter: 9.5 in. to 123 ft. and ..... in. to ..... ft.

5 Latitude: 39.9874972 (decimal degrees)

Longitude: 95.84931733 (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: ..... 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 123 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.

Casing height above land surface 18 in. Weight 2.96 lbs./ft. Wall thickness or gauge No. SDR 21

TYPE OF SCREEN OR PERFORATION MATERIAL:

☐ Steel ☐ Stainless Steel ☐ Fiberglass ■ PVC ☐ Other (Specify) .....

☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

☐ 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 56 ft. to 116 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From 25 ft. to 123 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ☐ Other .....

Grout Intervals: From 5 ft. to 25 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

Nearest source of possible contamination:

☐ 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? West Distance from well? 55 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	No sample	22	23	shale - lt. brn
5	11	shale - lt. brn	23	25	limestone - lt. brn
11	13	shale - red	25	27	shale - olive
13	16	shale - olive	27	28	limestone - brn
16	18	shale - red	28	29	shale - olive
18	19	shale - olive	29	31	limestone - brn
19	21	shale - red			
21	21.5	shale - blue gray			
21.5	22	shale - red			

Notes: log continued on attached sheet.

gravel pack - 4x8

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) 6-6-18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 308 This Water Well Record was completed on (mo-day-year) 8-17-18 under the business name of Rieschick Drilling Co., Inc. 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.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**

GEOLOGIC LOG CONTINUATION

Name:_Douglas & Anne Wertenberger

FROM	TO	MATERIAL
31	43	Shale – dk. gray
43	44	Shale – lt. gray
44	47	Shale – gray
47	47.5	limestone- lt. brn
47.5	51	shale – gray
51	53	shale – red
53	59	shale – gray
59	60	shale – lt. gray
60	61	limestone – gray
61	62	shale – brn
62	64	limestone – gray
64	69	shale – gray
69	70	limestone – gray
70	78	shale – gray
78	80	shale – brn
80	83	shale – gray
83	89	gypsum- white w/lt. gray limestone
89	92	gypsum – white / chalk
92	95	limestone – dk. Brn
95	102	shale – gray
102	107	shale – red w/interbedded gypsum
107	112	limestone – brn
112	114	limestone – gray
114	123	shale - gray