County: Cheyenne Fraction: W½, W½, NW, NE, NE Sec. 19 T. 5 S R. 41 E/(W)

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

Owner: Tom Bandel

If location corrected, was listed as:	**Location changed to:**
Section-Township-Range: 5 – 19 – 41W	19 – 5 – 41W
Fraction (¼ calls): NE, NE	W½, W½, NW¼, NE¼, NE¼

Other changes: Initial statements: No horizontal datum or source of Lat/Long coordinates provided.

Changed to: Garmin E Trex 10 used. WAAS enabled. WGS84

Comments:

Verification method: Info provided by Water Well Contractor, Brian McAnn Schaal Drilling Co. on Dec 20, 2016

Initials: PKC Date: 12/22/16

Submitted by:
- ☐ Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
- ☒ Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

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: CHEYENNE | Fraction: NE ¼ NE ¼ ¼ ¼ | Section Number: 5 | Township Number: T 19 S | Range Number: R 41 ☐ E ■ W

2 WELL OWNER: Last Name: BANDEL First: TOM
Business:
Address: RT 2
Address:
City: ST. FRANCIS State: KS ZIP: 66756

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: ☐
From Intersection Rd 6 & Rd D
1/4 mile West 1/8 mile South

3 LOCATE WELL WITH "X" IN SECTION BOX:
N / NW / NE (X) / W / E / SW / SE / S
1 mile

4 DEPTH OF COMPLETED WELL: 180 ft.
Depth(s) Groundwater Encountered: 1) 99 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 99 ft.
☐ below land surface, measured on (mo-day-yr) 09/28/16
☐ above land surface, measured on (mo-day-yr) .....
Pump test data: Well water was 105 ft. after 2 hours pumping 20 gpm
Well water was ..... ft. after ..... hours pumping ..... gpm
Estimated Yield: 20 gpm
Bore Hole Diameter: 9 5/8 in. to 180 ft. and ..... in. to ..... ft.

5 Latitude: 39.610830 (decimal degrees)
Longitude: 101.96111 (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 4 1/2 in. to 180 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in. Weight SCH 40 lbs./ft. Wall thickness or gauge No. 248

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 140 ft. to 180 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 40 ft. to 180 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ■ Neat cement ☐ Cement grout ☐ Bentonite ☐ Other .....
Grout Intervals: From 5 ft. to 40 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) NONE IN VIEW
Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	20	CLAY			
20	40	CLAY, SAND, GRAVEL			
40	60	CLAY, SAND, SANDSTONE			Original Returned to Sender for Correction Date: 12/6/16
60	80	CLAY, SAND			
80	120	CLAY, SAND, GRAVEL			
120	140	CLAY, HARD SAND, GRAVEL			
140	160	SAND AND GRAVEL W/STRIPS CLAY	Notes:		
160	170	SAND, GRAVEL			
170	180	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) 09/28/16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 918 This Water Well Record was completed on (mo-day-year) 11/21/2016 under the business name of SCHAAL DRILLING COMPANY Signature Brian A. McAnn

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**