County: Johnson Fraction E2 SE NE Sec. 19 T 12 S R 23 (E) W

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

Owner: Tim Waltner

Location was listed as:		**Location changed to:**
Section-Township-Range:	19-12S-23E	19-12S-23E
Fraction (¼ ¼ ¼):	None Given	E2 SE NE

Other changes: Initial statements:

Changed to:

Comments:

Verification method: Wellsite address, area road map, and mapping tool & aerial photos on KGS website.

initials: DRA date: 10/3/2016

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: JOHNSON | Fraction: ¼ ¼ ¼ ¼ | Section Number: 19 | Township Number: T 12 S | Range Number: R 23 ■ E ☐ W

2 WELL OWNER: Last Name: WALTNER First: TIM
Business:
Address: 5143 MEADOW HEIGHT DR
Address:
City: SHAWNEE State: KS ZIP: 66226

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: ☐
7420 CEDAR NILES ROAD, ~~[illegible]~~ Shawnee, KANSAS 66227

3 LOCATE WELL WITH "X" IN SECTION BOX:

N
-- NW -- -- NE --
W E
-- SW -- -- SE --
S
|--------1 mile--------|

4 DEPTH OF COMPLETED WELL: 400 ft.
Depth(s) Groundwater Encountered: 1) 0 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: ..... 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: 0 gpm
Bore Hole Diameter: 5 5/8 in. to 400 ft. and ..... in. to ..... ft.

5 Latitude: .....(decimal degrees)
Longitude: .....(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? 5
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 HD POLY CASING JOINTS: ☐ Glued ☐ Clamped ■ Welded ☐ Threaded
Casing diameter 1" in. to 400 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height ~~above~~ below land surface 36 in. Weight SDR11 lbs./ft. Wall thickness or gauge No. 160 PSI
TYPE OF SCREEN OR PERFORATION MATERIAL: none
☐ Steel ☐ Stainless Steel ☐ Fiberglass ☐ PVC ☐ Other (Specify) .....
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: none
☐ 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 ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ■ Cement grout ■ Bentonite ☐ Other .....
Grout Intervals: From 3 ft. to 160B ft., From 160 ft. to 240C ft., From 240 ft. to 300B ft. 300ft to 400' C
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? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	
0	17	soil/clay	140-178 shale	263	276	sand	327-333 shale
17	26	lime	178-185 lime	276	283	lime	333-352 sand
26	40	shale	185-188 shale	283	289	shale	352-374 shale
40	57	lime	188-192 lime	289	317	lime	374-400 sand
57	69	shale	192-200 shale	317	321	shale	
69	76	sand	200-213 lime	321	327	lime	
76	132	lime	213-222 shale				
132	135	shale	222-232 lime				
135	140	lime	232-263 shale				

Notes: 5-400' Wells Plugged
400'-300' (8 sacks cement grout) 300-240' (6 sacks bentonite grout)
240'-160' (7 sacks of cement grout) 160-3 (8 sacks bentonite grout)

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) 06/07/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 561 This Water Well Record was completed on (mo-day-year) 06/08/2016 under the business name of Evans Energy Development, Inc. Signature [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**