

County: Osborne Fraction: SE SE NW NW Sec. 17 T 10 S R 15 W

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

Owner: Eldon Luhman

If corrected, location was listed as:

Location changed to:

Section-Township-Range: 17-10S-15W

17-10S-15W

Fraction (1/4 1/4 1/4): NE NE SW NW

SE SE NW NW

Other changes: Initial statements: Latitude: 39.11143, Longitude: 99.02501, NAD83

Changed to: Latitude: 39.187332, Longitude: -99.025061, WGS84

Comments: \_\_\_\_\_

Verification method: Site map received with well records, Google Earth to determine latitude & longitude, Leoweb 11.0 to check quarter calls, and mapping tool & aerial photos on KGS website. Initials: DRA Date: 11/28/2017

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

**WATER WELL RECORD Form WWC-5**

Division of Water Resources App. No.

Well ID MW-17

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: <u>Osborne</u>	Fraction <u>NE 1/4 NE 1/4 SW 1/4 NW 1/4</u>	Section Number <u>17</u>	Township Number <u>T 10 S</u>	Range Number <u>R 15</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: <u>Eldon Luhman</u> Business: <u>Eldon Luhman</u> Address: <u>600 Mission Ridge, Apt. 5</u> Address: City: <u>Colby</u> State: <u>KS</u> ZIP: <u>67701</u>	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: <input type="checkbox"/> <u>S 1st Street and Elm, SW corner</u>
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**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

W	NW	NE	
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	SW	SE	E
	S		

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

**4 DEPTH OF COMPLETED WELL:** 35 ft.

Depth(s) Groundwater Encountered: 1) ..... 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: ..... gpm  
Bore Hole Diameter: 8.625 in. to 35 ft. and  
..... in. to ..... ft.

**5 Latitude:** 39.11143 ..... (decimal degrees)  
**Longitude:** 99.02501 ..... (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:** 1831.06 ..... ft.  Ground Level  TOC  
Source:  Land Survey  GPS  Topographic Map  
 Other .....

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW17</u> 9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): .....
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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 2 in. to 15 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface -2.0 in. Weight ..... lbs./ft. Wall thickness or gauge No. SCH 40

**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 15 ft. to 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From 13 ft. to 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....

Grout Intervals: From 1 ft. to 13 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) LUJST site(U6-074-45757) .....  
Direction from well? N/NE ..... Distance from well? ~373 ft. ....

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Grass/top soil			
0.5	35	Clay, dk brn, brn to grayish brn, upper portion silty			
35	TD				
Notes:					

**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) 9-20-2016 ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 ..... This Water Well Record was completed on (mo-day-year) 10-28-2016 ..... under the business name of ASSOCIATED ENVIRONMENTAL, 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.





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