

County: Osborne Fraction: SW SW NE 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): SE SE NW NW

SW SW NE NW

Other changes: Initial statements: 130 ft nw of intersection of S. 1st St. and
and Elm on south side of Elm. Latitude: 39.18793
Longitude: 99.02341 NAD83

Changed to: By NW corner of N. 1st St. and N. Main St.

Latitude: 39.188087, Longitude: -99.023306, 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 tools & 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-20**

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Osborne	Fraction SE 1/4 SE 1/4 NW 1/4 NW 1/4	Section Number 17	Township Number T 10 S	Range Number R 15 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: Eldon Luhman Business: Eldon Luhman Address: 600 Mission Ridge, Apt. 5 Address: City: Colby State: KS ZIP: 67701	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"/> ~130 ft nw of intersection of S 1st St and Elm on south side of Elm.
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3 LOCATE WELL WITH "X" IN SECTION BOX:

N

-- NW --	-- NE --		
W			E
-- SW --	-- SE --		
	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: **39.18793** (decimal degrees)
Longitude: **99.02341** (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: **1829.31** 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	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID MW20	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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 **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:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well

Other (Specify) **LUST site(U6-074-45757)**

Direction from well? **W/NW** Distance from well? **~240** 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, silty, brn to gray/dk gray			
35	TD				

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]*



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