

WATER WELL RECORD Form WWC-5

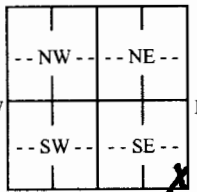
Division of Water Resources App. No.

Well ID CLMW2

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Comanche	Fraction SE ¼ SE ¼ SE ¼ SE ¼	Section Number 12	Township Number T 32 S	Range Number R 19 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	---------------------------------	-----------------------------	----------------------------------	--

2 WELL OWNER: Last Name: KDHE-BER Business: Address: 1000 SW Jackson Address: City: Topeka State: KS ZIP: 66612	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"/> SE corner of intersection of W. 3rd St and S. Chicago Ave in Coldwater, KS
---	--

3 LOCATE WELL WITH "X" IN SECTION BOX: N  S ----- 1 mile -----	4 DEPTH OF COMPLETED WELL: 60 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) <input type="checkbox"/> 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: 8.25 in. to 60 ft. and in. to ft.	5 Latitude: 37.26679 (decimal degrees) Longitude: 99.32948 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: 2091.41 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> 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 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well ID CLMW2	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
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	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
3. <input type="checkbox"/> Feedlot	4. <input type="checkbox"/> Industrial	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 **40** ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface **-0.5** 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 **40** ft. to ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **38** ft. to ft., From **60** ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From ft. to **48** 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)

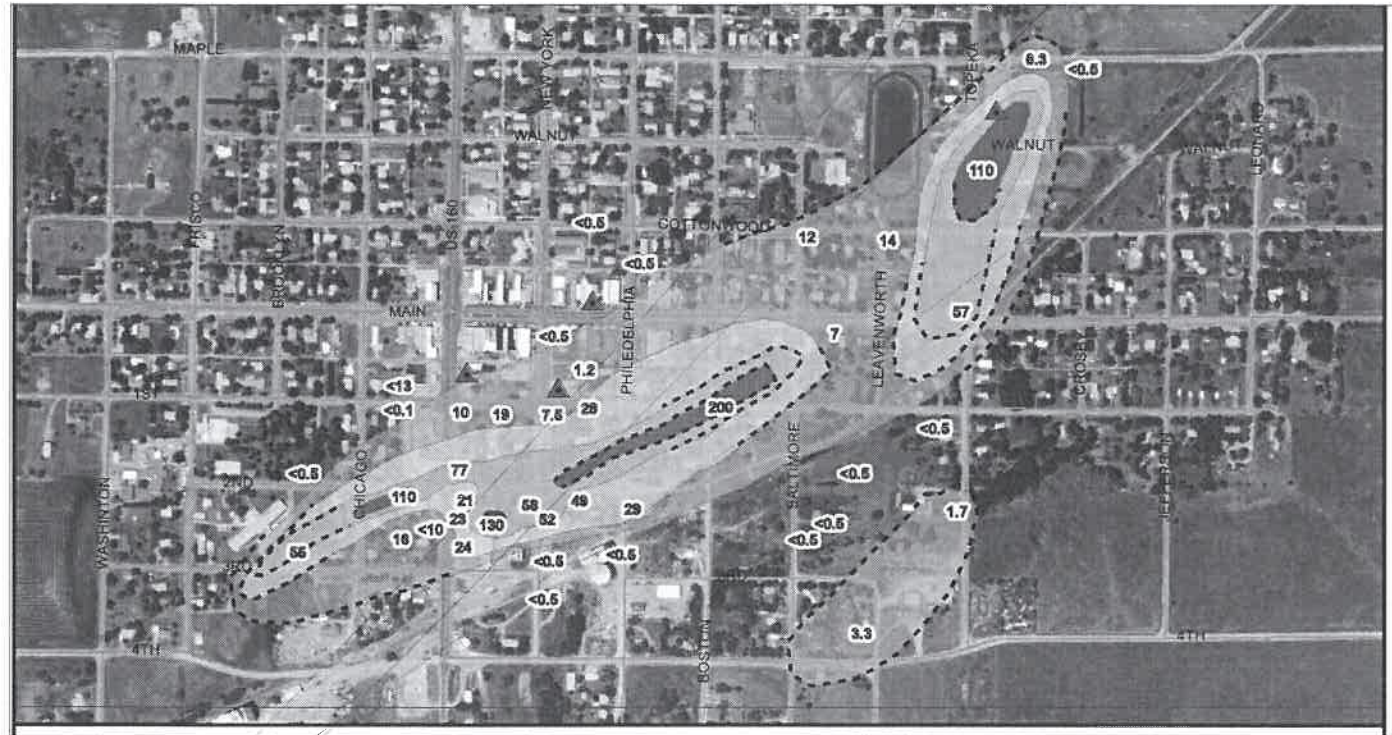
Direction from well? **N/NW** Distance from well? **30** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Top Soil			
0.5	3	Silt, clayey, brown			
3	20	Clay, sandy red brn to lt brn			
20	28	Sand, med to coarse some silt			
28	15.5	Sand, coarse some silt			
15.5	43	Clay, sandy, lt brn, some gypsum			
43	60	Sand, coarse to med., some silt,			Notes:
60	TD				

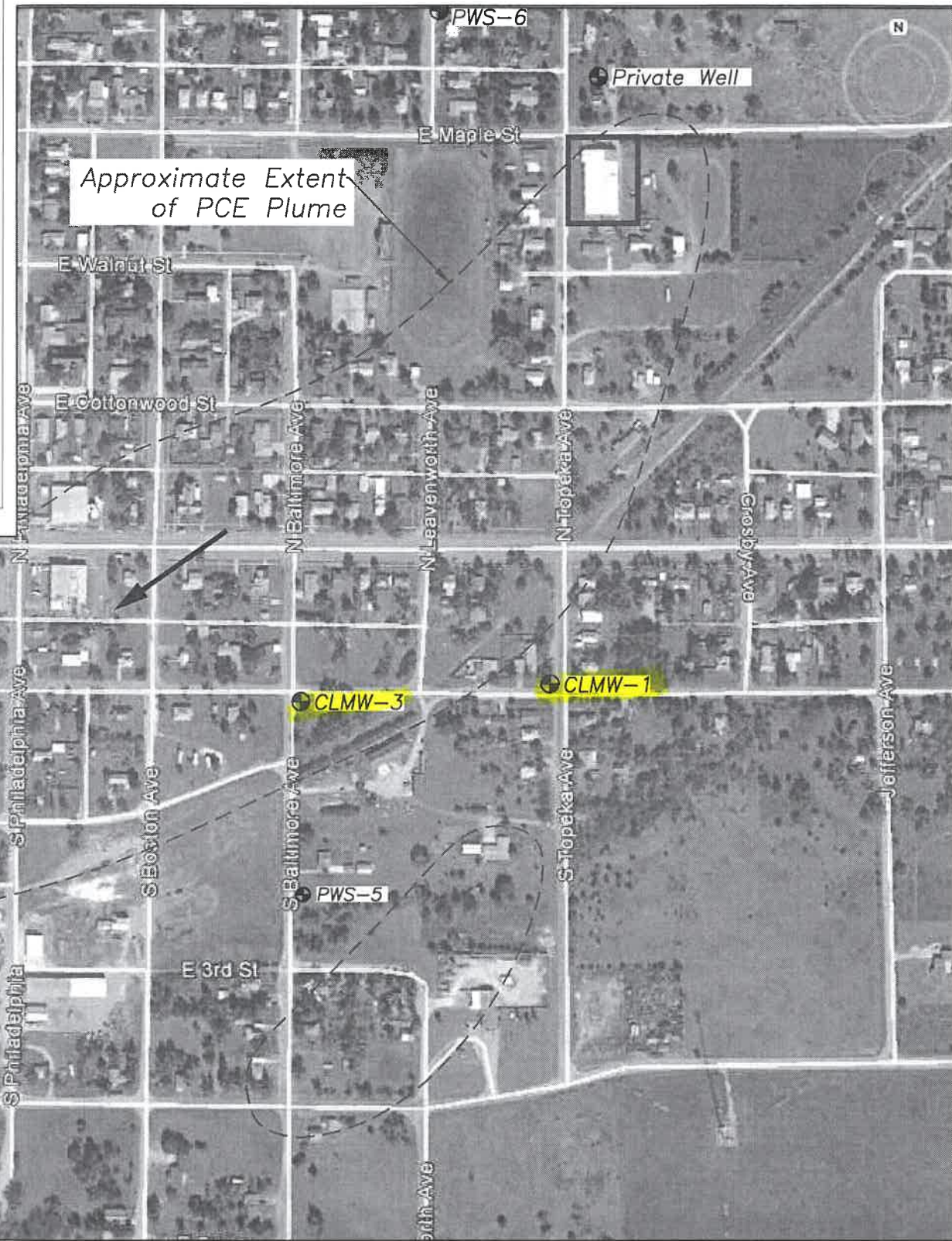
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) **4-10-2018** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **585** This Water Well Record was completed on (mo-day-year) **5-9-2018** under the business name of **Associated Environmental, Inc.** Signature *[Signature]*

Comanche

7-32-18W



SOURCE: COLDWATER PCE EXPANDED SITE ASSESSMENT, FIGURE 3 - CUMULATIVE PCE RESULTS (KDHE, MARCH 2010)



SOURCE: GOOGLE EARTH (IMAGE DATE OCTOBER 2017)

LEGEND:

- APPROXIMATE SITE BOUNDARY
- PRESUMED DIRECTION OF GROUNDWATER FLOW
- ⊕ PROPOSED MONITORING WELL
- ⊙ EXISTING WELL/SAMPLING POINT



RECEIVED
MAY 29 2018
BUREAU OF WATER

FORMER COLDWATER LAUNDRY C1-017-72485 315 NORTH TOPEKA COLDWATER, KANSAS		SCS ENGINEERS 7311 West 130th Street, Suite 100 Overland Park, Kansas 66213	
OWNER: JAM	DESIGNED BY: JAM	PROJECT NO: WFS-SJM	DATE: 1/23/2018
ELECTRONIC FILE NAME: 27217428.00_COLDWATER_WF.DWG		REV.	DATE
PROJECT NUMBER: 27217428.00		R5	5BY
		R4	4BY
		R3	3BY
		R2	2BY
		R1	1BY
		RO	0BY
		REV.	DATE
		BT	BT

FIGURE 1 - PROPOSED MONITORING WELL LOCATIONS