

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

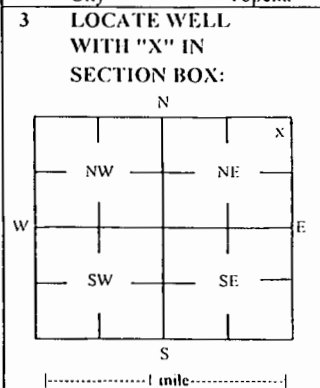
Well ID

MW10

[X] Original Record [ ] Correction [ ] Change in Well Use

1 LOCATION OF WATER WELL: County McPherson Fraction NE 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 27 Township Number T 21 S Range Number R 2 E [X] W

2 WELL OWNER: Last Name: Business: KDHE (Convenience Mart) Address: 1000 SW Jackson Blvd City: Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 109 S Christian Ave., Moundridge KS



4 DEPTH OF COMPLETED WELL: 29.2 ft Depth(s) Groundwater Encountered: 1) \_\_\_\_\_ ft 2) \_\_\_\_\_ ft 3) \_\_\_\_\_ ft, or 4) [ ] Dry Well WELLS STATIC WATER LEVEL: 22.7 ft. [X] below land surface, measured on (mo-day-yr) 10/14/21

5 Latitude: 38.20275 (decimal degrees) Longitude: 97.51964 (decimal degrees) Horizontal Datum [X] WGS 84 [ ] NAD 83 [ ] NAD 27 Source for Latitude/Longitude: [ ] GPS (unit make/model: \_\_\_\_\_) (WAAS enabled? [ ] Yes [ ] No) [X] Land Survey [ ] Topographic Map [ ] Online Mapper

6 Elevation 1494.28 ft [ ] Ground Level [X] TOC Source [X] Land Survey [ ] GPS [ ] Topographic Map [ ] Other \_\_\_\_\_

7 WELL WATER TO BE USED AS: 1 Domestic: [ ] Household [ ] Lawn & Garden [ ] Livestock [ ] Irrigation [ ] Feedlot [ ] Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 [X] Monitoring: well ID MW10 9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extractor [ ] 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 [ ] Other (specify): \_\_\_\_\_

Was a chemical/bacteriological sample submitted to KDHE? [ ] Yes [X] No If yes, date sample was submitted: \_\_\_\_\_ Water well disinfected? [ ] Yes [X] No

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other \_\_\_\_\_ CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded Casing diameter 2 in. to 14.2 ft, Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft, Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft, Casing height above land surface -0.33 in. Weight \_\_\_\_\_ lbs./ft. Well thickness or gauge No \_\_\_\_\_ TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [ ] Fiberglass [X] PVC [ ] Brass [ ] Galvanized Steel [ ] Concrete tile [ ] None used (open hole) [ ] Other (Specify) \_\_\_\_\_ SCREEN OR PERFORATION OPENINGS ARE: [ ] Continuous Slot [X] 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 14.2 ft. to 29.2 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. GRAVEL PACK INTERVALS: From 12.5 ft. to 29.5 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 12.5 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 [X] Fuel Storage [ ] Abandoned Water Well [ ] Watertight Sewer Lines [ ] Sepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well [ ] Other (Specify) \_\_\_\_\_ Direction from well? E Distance from well? ~250 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1 Gravel, 1-9 Clay, 9-23 Sandy clay, 23-29.5 Clay w/ mudstone.

Notes: KDHE ID: Convenience Mart; U5-059-15162 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [ ] reconstructed, or [ ] plugged under my jurisdiction and was completed on (mo-day-year) 10/13/21 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 11/4/21 under the business name of Larsen & Associates, Inc. Signature \_\_\_\_\_

McMerron

26 - 21 - 2W

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home

Jess Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas 66046

October 25, 2021

RE: Monitor Well Elevation Survey  
100 S. Christian Ave., Moundridge, Kansas

Proj. 21-00HH  
Convienience Mart  
KDHE ID U5-059-15162

Bench Mark: Chisled Sq. on North center of concrete pump island.

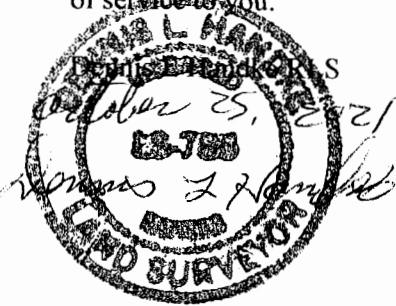
Elev: 1497.24      North 5301.44      West 5100.59      (from SE Cor. Sec. 26-21-2W)

MW-10	rim	1494.61	North	5243.89	NE1/4,NE1/4,NE1/4,NE1/4 (Sec. 27-21-2W)
	top pipe	1494.28	West	5437.31	Lat = 38.20275    Long = 97.51964
<sup>11</sup> MW-11	rim	1496.17	North	5209.35	NW1/4,NW1/4,NW1/4,NW1/4
	top pipe	1495.88	West	5133.66	Lat = 38.20265    Long = 97.51858
<sup>12</sup> MW-12	rim	1495.58	North	5368.27	NE1/4,NW1/4,NW1/4,NW1/4
	top pipe	1495.33	West	4912.20	Lat = 38.20282    Long = 97.51781
<sup>13</sup> MW-14	rim	1493.02	North	4998.78	NE1/4,NW1/4,NW1/4,NW1/4
	top pipe	1492.72	West	4909.34	Lat = 38.20208    Long = 97.51780

Elevation derived from existing project. NAVD 88.

Lat & Long derived from Moundridge 7.5 Quad Map WGS84.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.



NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

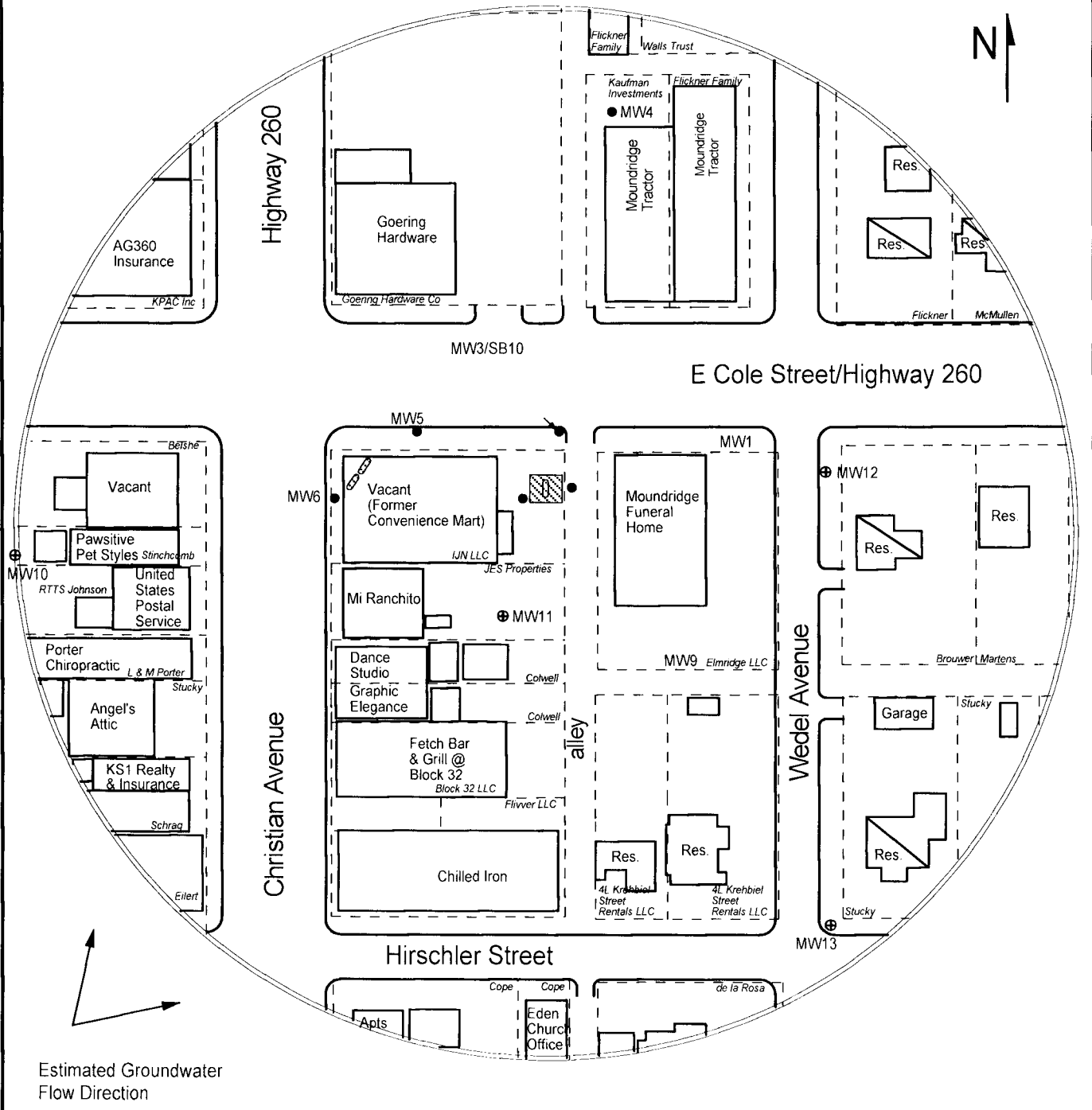


FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP



1311 E 25th St. Suite B      785-841-8707 office  
 Lawrence, KS 66046      785-865-4282 fax

**PROJECT:**  
 Convenience Mart  
 100 S. Christian Ave.  
 Moundridge, KS  
 KDHE ID: U5-059-15162  
 Date: 10/14/21



**LEGEND:**

- Approximate Location of Former UST Basin & Pump Islands
- Building with Basement
- Approximate Location of Property Line
- Existing Monitoring Well
- Monitoring Well (Installed 10/12-13/21)
- Soil Boring (Drilled 12/9-11/20, 12/15-17/20)
- Fire Hydrant
- Electric Lines (1.5 - 3 ft bgs)
- Gas Lines (1.5 - 3 ft bgs)
- Sewer Lines (2 - 6 ft bgs)
- Overhead Lines (25'-40' high)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (1.5 - 3 ft bgs)

NOTE: Utility depths, heights and locations are approximate.  
 NOTE: SB1 & SB10 were drilled to collect hydrologic samples