

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

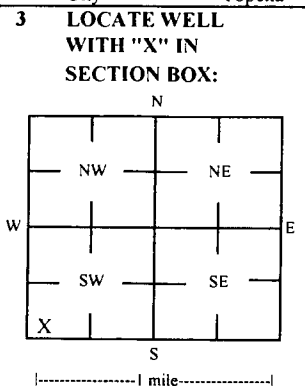
Well ID

MW3

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

1 LOCATION OF WATER WELL: County Lyon Fraction SE 1/4 SW 1/4 SW 1/4 Section Number 10 Township Number T 19 S Range Number R 11 E [X] W

2 WELL OWNER: Last Name: First: 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: [] Business: KDHE (Kwik Shop #735) Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612



4 DEPTH OF COMPLETED WELL: 45 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 37.04 ft. [X] below land surface, measured on (mo-day-yr) 5/12/22 [] above land surface, measured on (mo-day-yr) _____ Pump test data: Well water was _____ ft after _____ hours pumping _____ gpm Water well was _____ ft after _____ hours pumping _____ gpm Estimated Yield: _____ gpm Bore Hole Diameter: 7.25 in to _____ ft, and _____ in to _____ ft

5 Latitude: 38.40523 (decimal degrees) Longitude: 96.18724 (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 1149.47 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 2 [] Irrigation 3 [] Feedlot 4 [] Industrial 5 [] Public Water Supply: well ID _____ 6 [] Dewatering: how many wells? _____ 7 [] Aquifer Recharge: well ID _____ 8 [X] Monitoring: well ID MW3 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 30 ft. Diameter _____ in. to _____ ft. Diameter _____ in. to _____ ft. Casing height above land surface -0.27 in. Weight _____ lbs./ft. Well thickness or gauge No _____ TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Other (Specify) _____ [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) 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 30 ft. to 45 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 28 ft. to 45 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 28 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? W Distance from well? ~35 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	0.5	Concrete			
0.5	4	Clay fill			
4	15	Silty clay			
15	28	Clay			
28	45	Silty clay			

Notes: KDHE ID: Kwik Shop #735; U3-056-00663

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) 5/10/22 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) 6/7/22 under the business name of Larsen & Associates, Inc. Signature _____

Lyon

10-19-115

DENNIS L HANDKE

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

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

June 3, 2022

RE: Monitor Well Elevation Survey
520 West 6th St., Emporia, Kansas

Proj. 22-00GG
Kwik shop #735
U3-056-00663

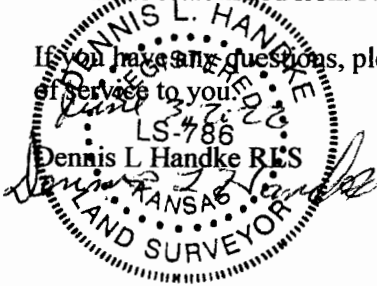
Bench Mark: Chisled Sq. on SE corner of concrete signal light base near the SW corner of property.
Elev: 1149.65 North 30.10 West 4811.20 (from SE Cor. Sec. 10-19-11E)

MW-1	rim	1150.33	North	73.83	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1149.98	West	4724.82	Lat= 38.40529 Long = 96.18741
MW-2	rim	1151.46	North	131.08	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1151.15	West	4753.96	Lat= 38.40545 Long = 96.18751
MW-3	rim	1149.74	North	52.16	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1149.47	West	4674.26	Lat= 38.40523 Long = 96.18724
MW-5	rim	1150.22	North	39.87	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1149.84	West	4783.14	Lat= 38.40520 Long = 96.18762
MW-7	rim	1149.95	North	31.09	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1149.61	West	4733.73	Lat= 38.40517 Long = 96.18744

Lat & Long derived from Emporia 7.5 quad map. WGS84.

Elevation established from NGS BM P13. NAVD88

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



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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.

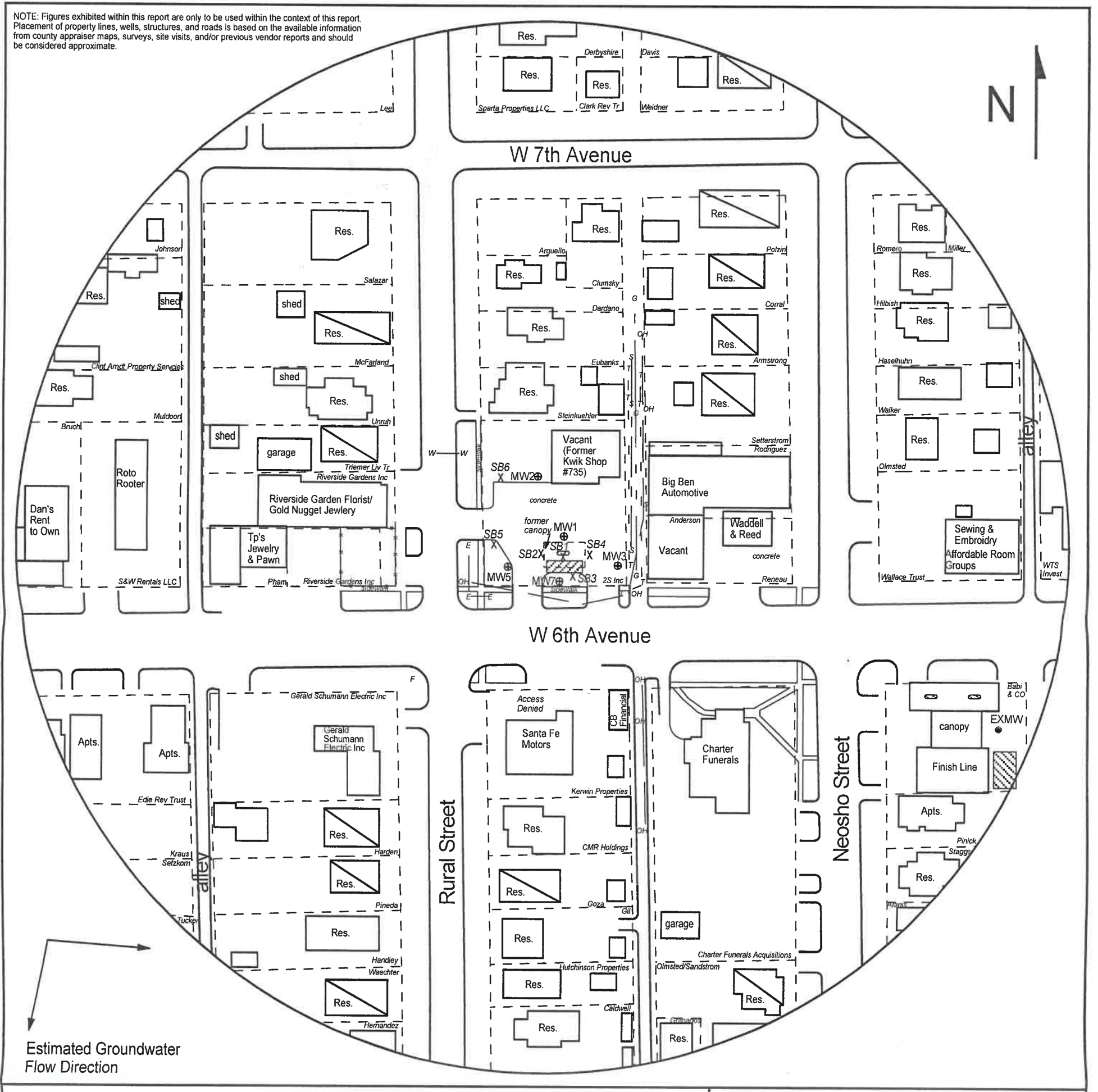


FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP

LEGEND

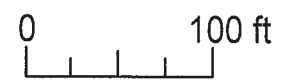
- Approximate Location of Former UST Basin & Pump Island
- Approximate Location of Active UST Basin & Pump Islands
- Building with Basement
- Approximate Location of Property Line
- New Monitoring Well (installed 5/9-12/22)
- New Soil Boring (drilled 5/11-12/22 & 6/6/22)
- Fire Hydrant
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 ft bgs)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (2 - 6 ft bgs)

NOTE: SB5 & SB6 were drilled to collect hydrologic samples.
NOTE: Utility depths, heights and locations are approximate.



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

PROJECT:
Kwik Shop #735
520 West 6th Street
Emporia, KS
KDHE ID: U3-056-00663
Date: 5/12/22



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