

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

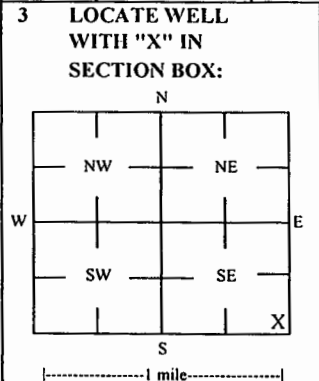
Well ID

MW13

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

1 LOCATION OF WATER WELL: County Shawnee, Fraction SE 1/4 SE 1/4 SE 1/4 SE 1/4, Section Number 8, Township Number T 12 S, Range Number R 16 E

2 WELL OWNER: Last Name: Business: KDHE (Former Fina, Topeka), Address: 1000 SW Jackson, City Topeka, State: KS, ZIP: 66612, Street or Rural Address where well is located: ~130' NW of 2835 SE California Ave, Topeka, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 14.5 ft, Depth(s) Groundwater Encountered: 1) 14.5 ft, 2) ... ft, 3) ... ft, or 4) [ ] Dry Well, WELL'S STATIC WATER LEVEL: 8.10 ft, [X] below land surface, measured on (mo-day-yr) 12/1-2/20, [ ] above land surface, measured on (mo-day-yr) ...

5 Latitude: 39.01590 (decimal degrees), Longitude: 95.65251 (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: 1010.74 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, 2 [ ] Public Water Supply: well ID, 3 [ ] Dewatering: how many wells?, 4 [ ] Aquifer Recharge: well ID, 5 [X] Monitoring: well ID MW13, 6 Environmental Remediation: well ID, 7 [ ] Air Sparge, [ ] Soil Vapor Extractor, [ ] Recovery, [ ] Injection, 8 [ ] Oil Field Water Supply: lease, 9 Test Hole: well ID, 10 [ ] Cased, [ ] Uncased, [ ] Geotechnical, 11 Geothermal: How many bores?, 12 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 4.5 ft, Diameter in. to in., Casing height above land surface -0.38 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 4.5 ft. to 14.5 ft., From ft. to ft., From ft. to ft., GRAVEL PACK INTERVALS: From 2.5 ft. to 14.5 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-1', Grout intervals: From 1 ft. to 2.5 ft., From ft. to ft., From ft. to ft.

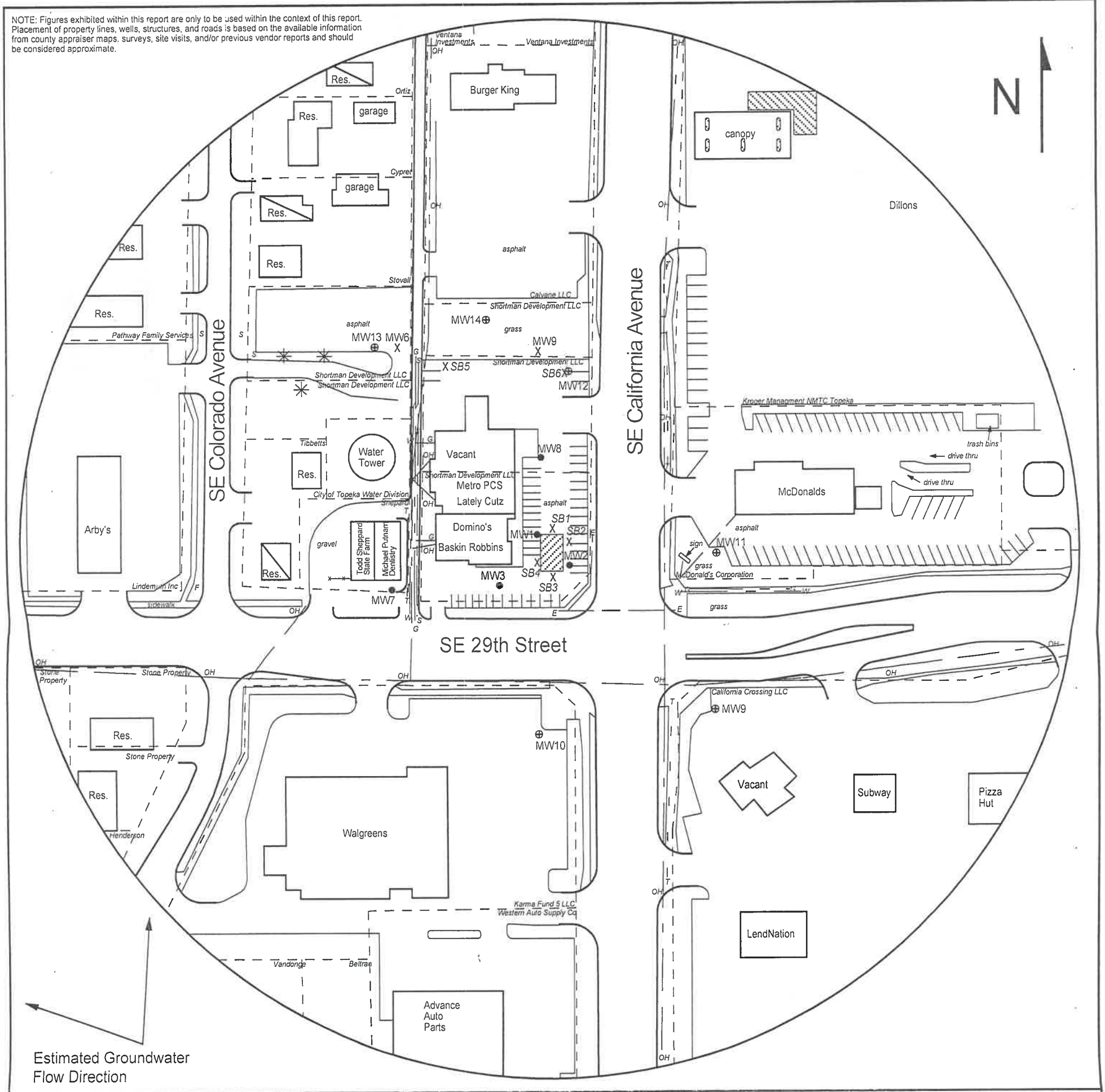
Nearest source of possible contamination: [ ] Septic Tank [ ] Lateral Lines [ ] Pit Privy [ ] Livestock Pens [ ] Insecticide Storage, [ ] Sewer Lines [ ] Cess Pool [ ] Sewage Lagoon [X] Fuel Storage [ ] Abandoned Water Well, [ ] Watertight Sewer Lines [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well, [ ] Other (Specify), Direction from well? SE, Distance from well? ~240 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Asphalt (0-0.3), Gravel fill (0.3-1), Bricks and rubble (1-4), Silty clay (4-8), Mudstone/shale (8-12), Shale (12-14.5).

Notes: KDHE ID: Former Fina, Topeka; U4-089-15218, 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) 11/10/20 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) 12/8/20 under the business name of Larsen & Associates, Inc. Signature

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.



**LEGEND**

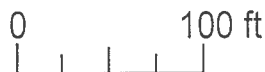
- Approximate Location of Former UST Basin
- Approximate Location of Active UST Basin, & Pump Islands
- Approximate Location of Property Line
- Existing Monitoring Well
- Monitoring Well (Installed 11/9-10/20)
- Soil Boring (Drilled 6/17/20, 6/19/20)
- Fire Hydrant
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 ft bgs)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (2 - 6 ft bgs)

NOTE: Utility depths, heights and locations are approximate.



**PROJECT:**

Former Fina, Topeka  
 2835 SE California Ave  
 Topeka, KS  
 KDHE ID: U4-089-15218  
 Date: 12/1-2/20



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

# 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

December 3, 2020

RE: Monitor Well Elevation Survey  
2835 SE California Ave., Topeka, Kansas

Proj. 20-00EE  
Former Fina, Topeka  
U4-089-15218

Bench Mark: Chiseld X on North bolt of concrete sign base near SE Corner of property.  
Elev: 1022.55      North 15.93      West 45.91      (from SE Cor. Sec. 8-12-16E)

MW-9	rim	1023.76	South	93.22	NW1/4,NW1/4,NW1/4,NW1/4 (Se. 16-12-16E)
	top pipe	1023.46	East	87.25	Lat = 39.01495 Long = 95.65139
MW-10	rim	1023.14	South	109.42	NE1/4,NE1/4,NE1/4,NE1/4 (Se. 17-12-16E)
	top pipe	1022.74	West	72.59	Lat = 39.01492 Long = 95.65196
MW-11	rim	1024.32	North	60.23	SW1/4,SW1/4,SW1/4,SW1/4 (Se. 9-12-16E)
	top pipe	1023.99	East	83.50	Lat = 39.01537 Long = 95.65139
MW-12	rim	1018.88	North	224.89	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1018.53	West	49.71	Lat = 39.01583 Long = 95.65184
MW-13	rim	1011.12	North	243.53	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1010.74	West	238.47	Lat = 39.01590 Long = 95.65251
MW-14	rim	1015.88	North	271.20	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1015.51	West	130.17	Lat = 39.01597 Long = 95.65212

Lat & Long derived from Topeka 7.5 quad map. WGS84

Elevation established from existing project.

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

