

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[]

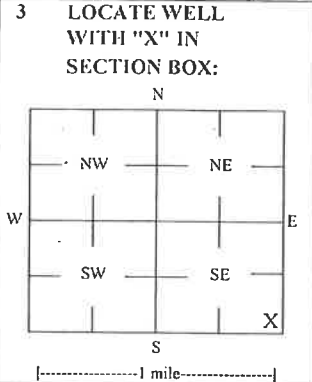
Well ID

MW8

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

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 W

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 (if unknown, distance and direction from nearest town or intersection): 2835 SE California Ave, Topeka, KS



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 23 ft Depth(s) Groundwater Encountered: 1) 23 ft 2) 0 ft 3) 0 ft or 4) Dry Well WELL'S STATIC WATER LEVEL: 9.25 ft [X] below land surface, measured on (mo-day-yr) 7/13/20

5 Latitude: 39.01562 (decimal degrees) Longitude: 95.65195 (decimal degrees) Horizontal Datum: [] WGS 84 [] NAD 83 [X] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model:) (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper 6 Elevation 1020.46 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 MW8 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 8 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 [] 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 8 ft. to 23 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 6 ft. to 23 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 6 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? S Distance from well? ~70 ft

Table with 3 columns: FROM, TO, LITHOLOGIC LOG. Rows include Asphalt, Gravel/fill sand, Silty clay, Shaley clay, Limestone, Clayey shale, Limestone, Clayey shale. 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) 6/18/20 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) 7/15/20 under the business name of Larsen & Associates, Inc. Signature

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

July 8, 2020

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

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

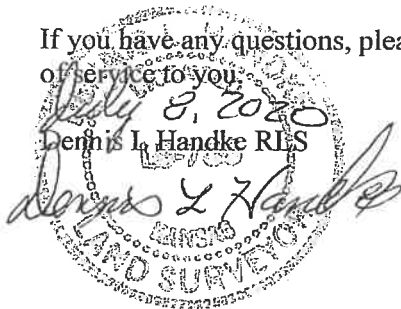
Bench Mark: Chiseld X on North bolt of concrete sign base near SE Corner of property.
Elev: 1022.55 North 15.93 West 45.91 (from SE Cor. Sec. 8-12-16E)

MW-1	rim	1022.22	North	70.99	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1021.75	West	78.68	Lat = 39.01541 Long = 95.65196
MW-2	rim	1022.26	North	44.04	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1021.96	West	50.70	Lat = 39.01534 Long = 95.65187
MW-3	rim	1021.25	North	23.23	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1020.98	West	117.52	Lat = 39.01529 Long = 95.65210
MW-7	rim	1019.48	North	12.18	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1019.13	West	207.20	Lat = 39.01526 Long = 95.65242
MW-8	rim	1020.79	North	145.55	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	1020.46	West	77.41	Lat = 39.01562 Long = 95.65195

Lat & Long derived from Topeka 7.5 quad map. WGS84

Elevation established from City of Topeka MW#15.1 Navd 29.

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



Shawnee

8-12-16E

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.

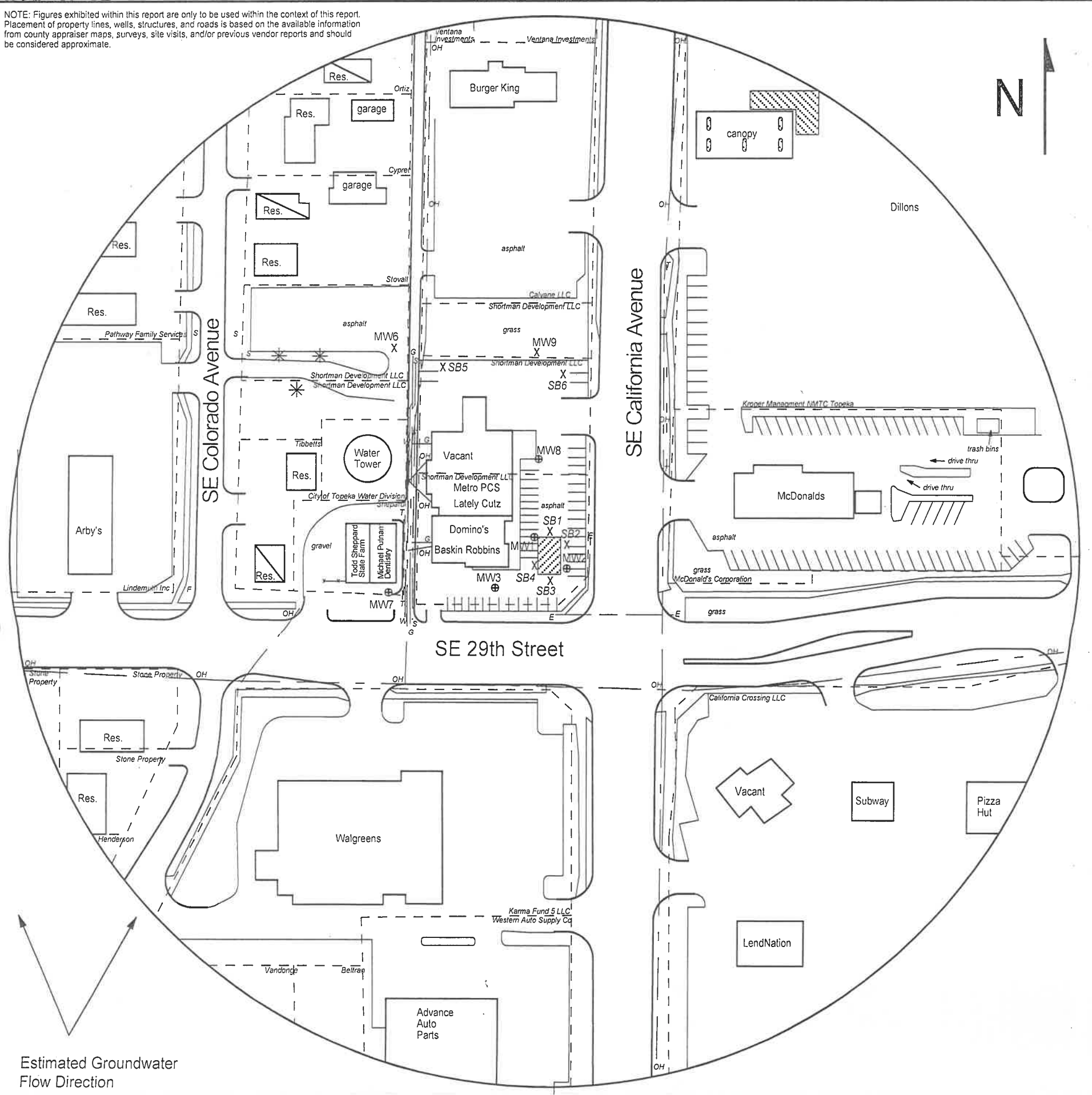


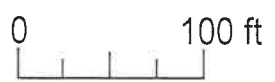
FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

LEGEND

- Approximate Location of Former UST Basin
 - Approximate Location of Active UST Basin, & Pump Islands
 - Approximate Location of Property Line
 - Monitoring Well (Installed 6/18-19/20)
 - 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: SB5 & SB6 were drilled to collect hydrologic samples.
NOTE: Utility depths, heights and locations are approximate.



PROJECT:
Former Fina, Topeka
2835 SE California Ave
Topeka, KS
KDHE ID: U4-089-15218
Date: 7/13/20



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