

WATER WELL RECORD

Form WWC-5

Revised

Division of Water Resources App. No.

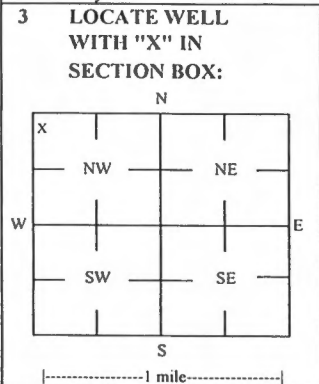
Well ID

MW6R

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

1 LOCATION OF WATER WELL: County Sedgwick Fraction NW 1/4 NW 1/4 NW 1/4 NW 1/4 Section Number 28 Township Number T 28 S Range Number R 1 E 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: QuikTrip Corporation Address: 5611 S Broadway 5600 S Broadway, Wichita, KS City Wichita State: KS ZIP:



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 15.55 ft. [X] below land surface, measured on (mo-day-yr) 9/9/20 [] 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: 37.59306 (decimal degrees) Longitude: 97.33380 (decimal degrees) Horizontal Datum: [] WGS 84 [X] 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 1274.27 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 MW6R 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 10 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft, Casing height above land surface -0.41 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 10 ft. to 20 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft, GRAVEL PACK INTERVALS: From 8 ft. to 20 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 8 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? W Distance from well? ~140 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-2 Sandy silt w/ clay and gravel, 2-5 Silty clay grading to silt, 5-9 Silty fine sand, 9-20 Coarse sand.

Notes: KDHE ID: QuikTrip #378; U2-087-01342 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) 9/9/20 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) 10/9/20 under the business name of Larsen & Associates, Inc. Signature _____

Larsen & Associates
1311 E 25th Street, Suite B
Lawrence, KS 66046

September 28, 2020
Job # 20-09-074
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**SURVEYING OF MONITORING WELL
QUIK TRIP #378
5611 S BROADWAY AVE.
WICHITA, SEDGWICK COUNTY, KANSAS**

The above site is located in Sections 28 & 29 of Township 28 South, Range 1 East of the Sixth Principal Meridian, Sedgwick County, Kansas.

Horizontal Coordinates are in NAD83 State Plane Kansas South Zone 1502. Coordinates are derived from the City of Wichita CORS Network.

Vertical Control: Elevations were tied to existing MW 8 & 9 TOCs from a survey completed by Robert. W. Jones RLS, #781 dated 2/2/2007, previous survey info was provided by client.

NOTES: The original benchmark used in the original report by Terra Tech Land Surveying Services has been destroyed. It appears the original report may have a 2.99' bust on their elevations. Our records indicate the original benchmark used should have had an elevation of "1271.87" and the one on the original report calls out "1274.86". KDHE recommended tying the new MW-6R well to the existing wells on site. We established a new Site CP based on the previous surveyed wells, site CP is a "+" cut found on mid-point of SW curb return of Broadway & 55th Street South.

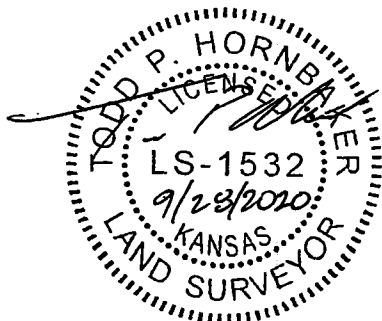
The coordinates/elevation for the onsite control point are as follows:

N: 1,651,885.93 (NAD 83 KS South Zone 1502)

E: 1,650,081.90 (NAD 83 KS South Zone 1502)

Elevation: 1272.89 (Local to site project)

The coordinates and elevations for the requested well is listed on the following page of this report.



Todd P. Hornbaker
Kansas P.S. #1532

RECEIVED
SEP 29 2020

Larsen & Associates
 1311 E 25th Street, Suite B
 Lawrence, KS 66046

September 28, 2020
 Job # 20-09-074
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**SURVEYING OF MONITORING WELL
 QUIK TRIP #378
 5611 S BROADWAY AVE.
 WICHITA, SEDGWICK COUNTY, KANSAS**

ID	NORTHING (NAD83 KS S)	EASTING (NAD83 KS S)	LATITUDE (DEC. DEG)	LONGITUDE (DEC. DEG)	ELEVATION (LOCAL)	
Site CP NE-NE-NE-NE Sec. 29	1651885.93	1650081.90	N37.59339	W97.33425	1272.89	
MW-06R NW-NW-NW-NW Sec. 28	1651765.28	1650213.60	N37.59306	W97.33380	1274.27 1274.68	TOC RIM

TOC = Top of PVC Casing
 RIM = MW Vault Rim typically at ground elevation.

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.

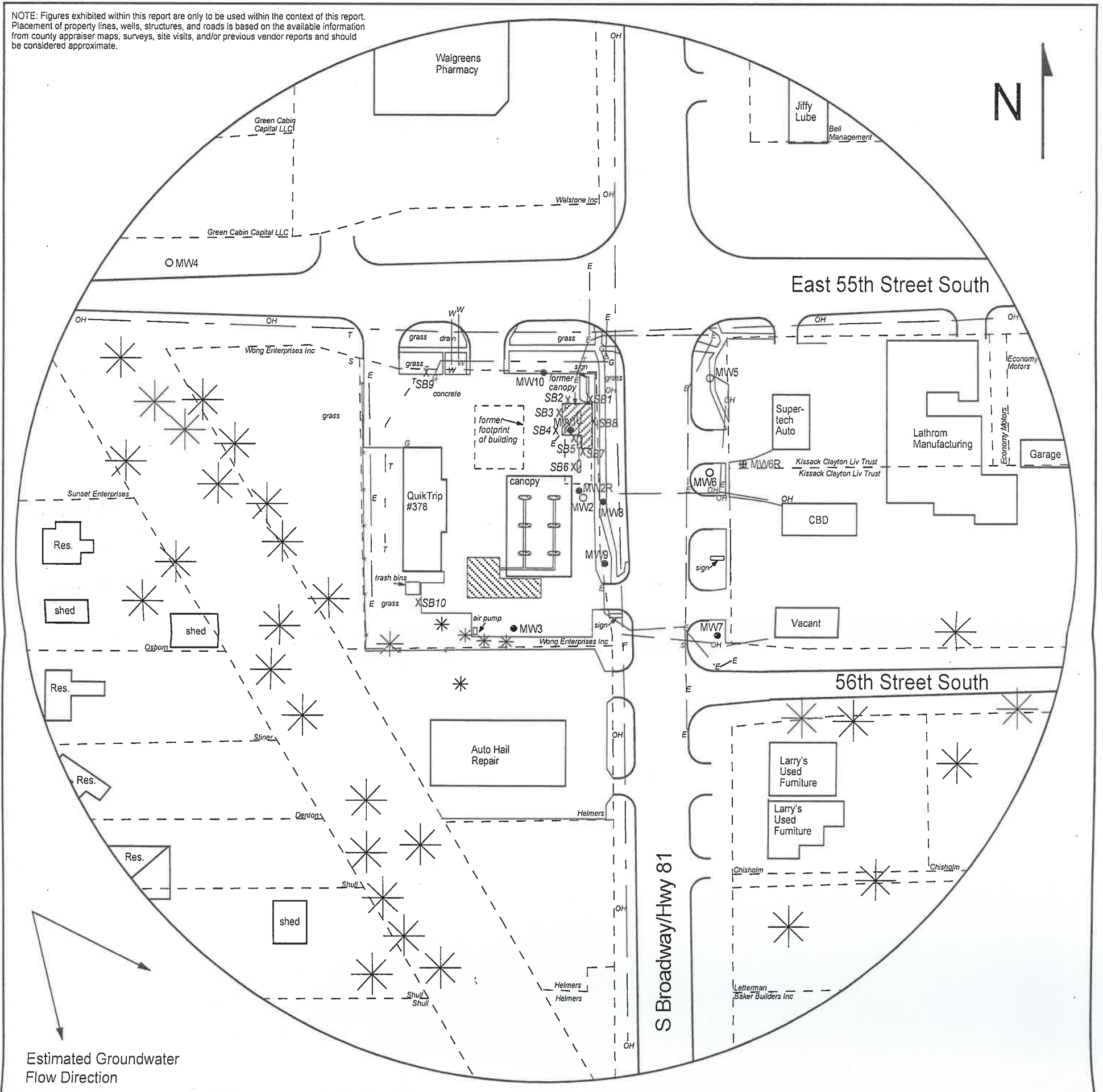


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

LEGEND

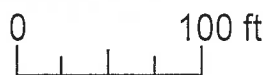
- Approximate Location of Former UST Basin, Product Lines & Pump Islands
- Approximate Location of Active UST Basin, Product Lines & Pump Islands
- Building with Basement
- Approximate Location of Property Line
- Existing Monitoring Well
- Plugged Well
- Monitoring Well (Installed 9/9/20)
- Soil Boring (Drilled 9/8-9/20)
- Fire Hydrant
- Sewer Inlet
- Electric Lines (1.5 - 3 ft bgs)
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (2 - 6 ft bgs)

NOTE: SB9 & SB10 were drilled to collect hydrologic samples.
NOTE: Utility depths, heights and locations are approximate.



PROJECT:

QuikTrip #378
5611 S. Broadway
Wichita, KS
KDHE ID: U2-087-01342
Date: 9/9/20



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