

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW4

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Wyandotte, Fraction SW 1/4 NE 1/4 SE 1/4 SW 1/4, Section Number 18, Township Number T 11 S, Range Number R 25 E W. 2 WELL OWNER: Last Name: Business: QuikTrip Corporation, Address: 4705 S 129th E. Ave., City: Tulsa, State: OK, ZIP: 74134. Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 4202 Kansas Ave., Kansas City, KS. 3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing section box with 'X' in SW quadrant]. 4 DEPTH OF COMPLETED WELL: 45 ft. Depth(s) Groundwater Encountered: 1) 28.4 ft. 2) ft 3) ft, or 4) Dry Well. WELL'S STATIC WATER LEVEL: 28.4 ft. [X] below land surface, measured on (mo-day-yr) 7/3/2019. [ ] 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: 39.09036 (decimal degrees), Longitude: 94.67836 (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: 763.59 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 [ ] Irrigation [ ] Feedlot [ ] Industrial. 3 [ ] Feedlot [ ] Industrial. 4 [ ] Industrial. 5 [ ] Public Water Supply: well ID. 6 [ ] Dewatering: how many wells? 7 [ ] Aquifer Recharge: well ID. 8 [X] Monitoring: well ID MW4. 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 bore? 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 0.30 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 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: 0-0.7'. Grout intervals: From 0.7 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 [X] Fuel Storage [ ] Abandoned Water Well [ ] Watertight Sewer Lines [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well [ ] Other (Specify). Direction from well? E-SE. Distance from well? ~175 ft.

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.4 Topsoil, mostly silty clay and limestone gravel; 0.4-2 Clayey silt; 2-33 Silt and very fine sand; 33-45 Medium coarse sand. Notes: KDHE ID: Former Quiktrip #231; U4-105-14927

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) 6/27/19 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) 7/29/19 under the business name of Larsen & Associates, Inc. Signature

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

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

July 18, 2019

RE: Monitor Well Elevation Survey  
4202 Kansas Ave., Kansas City, Kansas

Proj. 19-00X  
Former Quik Trip #231  
KDHE ID ~~U4-050-14927~~  
U4-105-14927

Bench Mark: Chisled Sq. on NE corner of concrete QT sign base near the SE Corner of property.

Elev: 762.09      North 726.46      West 2736.63      (from SE Cor. Sec. 18-11-25E)

MW-1      rim      763.55      North 715.57      SE1/4,NE1/4,SE1/4,SW1/4  
            top pipe      763.26      West 2882.13      Lat = 39.08981      Long = 94.67800

MW-2      rim      762.64      North 925.69      SE1/4,NE1/4,SE1/4,SW1/4  
            top pipe      762.24      West 2813.01      Lat = 39.09039      Long = 94.67776

MW-3      rim      761.18      North 719.45      SW1/4,NE1/4,SE1/4,SW1/4  
            top pipe      760.26      West 3154.10      Lat = 39.08982      Long = 94.67896

MW-4      rim      763.89      North 986.57      SW1/4,NE1/4,SE1/4,SW1/4  
            top pipe      763.59      West 2980.44      Lat = 39.09036      Long = 94.67836

MW-5      rim      761.78      North 783.48      SE1/4,NE1/4,SE1/4,SW1/4  
            top pipe      761.51      West 2750.13      Lat = 39.09000      Long = 94.67754

MW-6      rim      761.00      North 1016.86      NE1/4,NE1/4,SE1/4,SW1/4  
            top pipe      760.66      West 2724.29      Lat = 39.09064      Long = 94.67745

Elevation derived from KDOT BM 304-B project K-4890-01 NAVD88.

Lat & Long derived from Shawnee 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.

July 18, 2019  
Dennis L Handke RS  
Dennis & Handke  
LAND SURVEYORS

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.

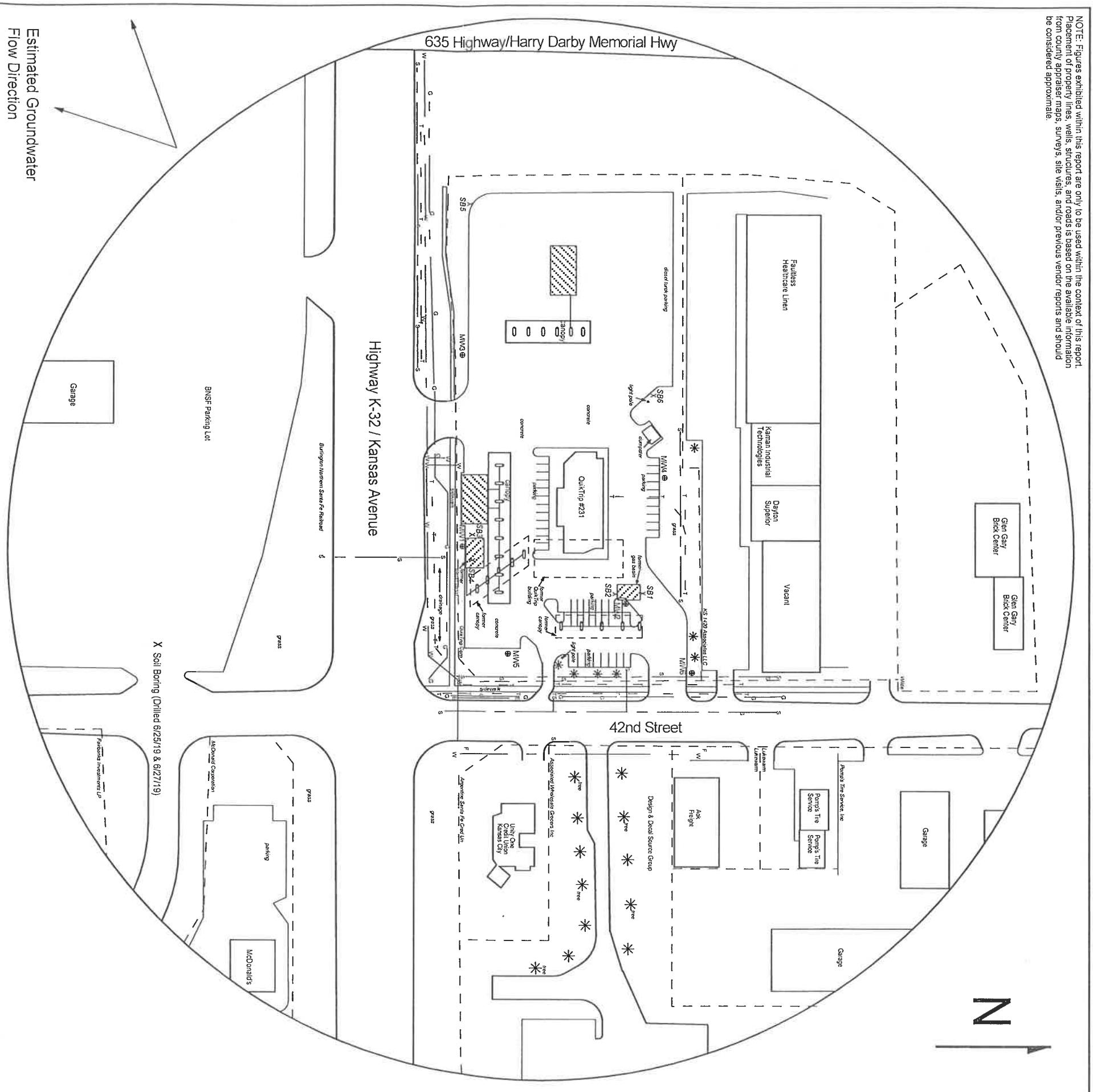


FIGURE 2.2 - 700 FT RADIUS AREA BASE MAP














  
**larsen**  
 & ASSOCIATES, INC.

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

**PROJECT:**  
 Former QuikTrip #231  
 4202 Kansas Avenue  
 Kansas City, KS  
 KDHEID: U4-105-14927  
 Date: 7/3/19

0      140 ft

**LEGEND**

-  Approximate Location of Active UST Basin,
-  Product Lines & Pump Islands
-  Approximate Location of Former UST Basin, Product Lines & Pump Islands
-  Approximate Location of Property Line
-  Monitoring Well  
(Installed 6/25, 27, 28/19 & 7/2/19)
-  Soil Boring (Drilled 6/25/19 & 6/27/19)
-  Fire Hydrant
-  Electric Lines (1.5 - 3 ft bgs)
-  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.  
 NOTE: SB5 & SB6 were drilled to collect hydrologic samples.