WATER WELL RECORD Form WWC-5

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

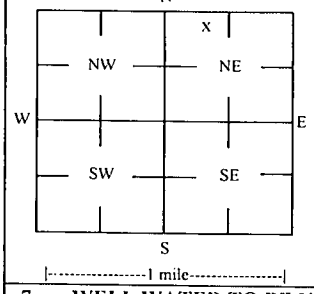
Division of Water Resources App. No. [ ] Well ID **MW6**

1 LOCATION OF WATER WELL: County: Wyandotte | Fraction: SW ¼ NE ¼ NW ¼ NE ¼ | Section Number: 10 | Township Number: T 11 S | Range Number: R 25 [X] E [ ] W

2 WELL OWNER: Last Name: First:
Business: KDHE
Address: 1000 SW Jackson Blvd
Address:
City: Topeka State: KS ZIP: 66612

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: [ ]
~75' NE of 901 North 5th St., Kansas City, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 35.5 ft
Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft, or 4) [ ] Dry Well
WELL'S STATIC WATER LEVEL: 25.5 ft.
[X] below land surface, measured on (mo-day-yr) 2/3/20
[ ] 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: 39.11535 (decimal degrees)
Longitude 94.61860 (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 799.63 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 **MW6**
9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extractior [ ] 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 [ ] Clampled [ ] Welded [X] Threaded
Casing diameter 2 in. to 20.5 ft, Diameter in. to ft, Diameter in. to ft,
Casing height above land surface -0.59 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 20.5 ft. to 35.5 ft, From ft. to ft, From ft. to ft,
GRAVEL PACK INTERVALS: From 18.5 ft. to 35.5 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 18.5 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 (Specity)
Direction from well? Unknown Distance from well? Unknown ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Grass/topsoil			
0.5	6	Fill soil, gravel, brick rubble			
6	30.5	Silty clay			
30.5	35.5	Silty sandy clay			

Notes: KDHE ID: Johnson Service Station; U4-105-15191
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) 1/27/20 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) 2/24/20
under the business name of Larsen & Associates, Inc. Signature

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015

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

February 17, 2020

RE: Monitor Well Elevation Survey
901 N. 5th, Kansas City, Kansas

Proj. 20-00F
Johnson Service Station
U4-105-15191

Bench Mark: Chisled Square on East center of concrete island at 4 th Street entrance to parking garage.
Elev: 797.40 North 4628 West 1926 (from SE Cor. Sec. 10-11-25E)

MW-1	rim	796.72	North	4695	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	796.42	West	1939	Lat= 39.11516 Long = 94.61891
MW-2	rim	796.84	North	4755	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	796.45	West	1955	Lat= 39.11533 Long = 94.61897
MW-3	rim	797.40	North	4761	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	797.10	West	1850	Lat= 39.11514 Long = 94.61905
MW-4	rim	797.37	North	4533	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	797.03	West	1973	Lat= 39.11473 Long = 94.61904
MW-5	rim	797.44	North	4686	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	796.91	West	1978	Lat= 39.11500 Long = 94.61856
MW-6	rim	800.22	North	4634	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	799.63	West	1837	Lat= 39.11535 Long = 94.61860

Lat & Long derived from Kansas City 7.5 quad map. WGS84.

Elevation established from USGS BM R 281. NAVD 88

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

February 19, 2020
Dennis L Handke RLS
LS-786
KANSAS LAND SURVEYOR

RECEIVED
MAR 05 2020
BUREAU OF WATER

Wyandotte 10-11-25E

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.

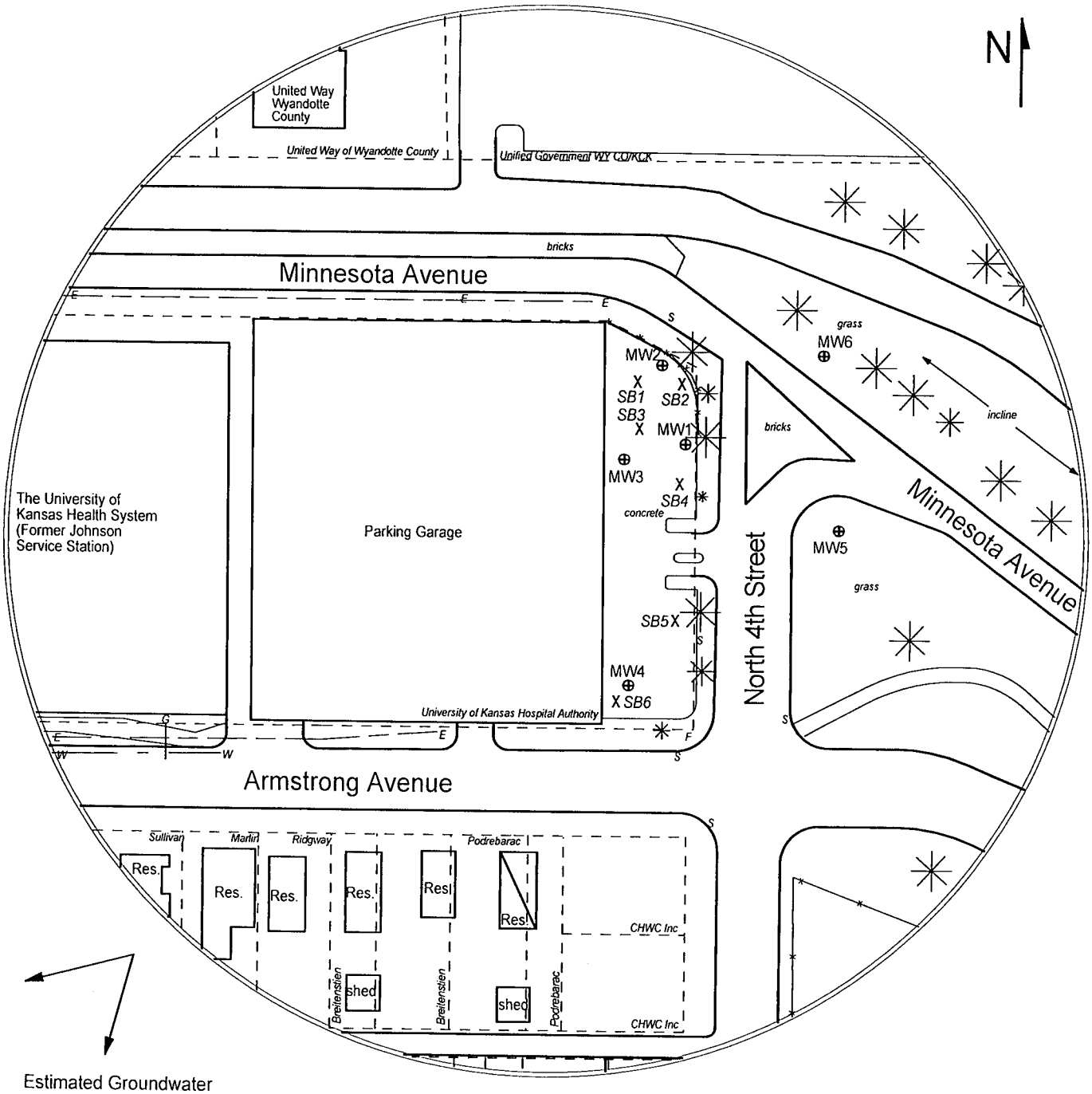


FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP

larsen & ASSOCIATES, INC.

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

PROJECT:

Johnson Service Station
901 North 5th Street
Kansas City, KS
KDHE ID: U4-105-15191
Date: 2/3/20

0 100 ft

LEGEND:

- Building with Basement
- Approximate Location of Property Line
- ⊕ Monitoring Well (Installed 1/21/20, 1/23/20, 1/27/20)
- X Soil Boring (Drilled 1/27-28/20)
- F Fire Hydrant
- S Sewer Inlet
- E — Electric Lines (1.5 - 3 ft bgs)
- G — Gas Lines (1.5 - 3 ft bgs)
- T — Telephone Lines (2 - 6 ft bgs)
- W — Water Lines (1.5 - 3 ft bgs)

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