

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

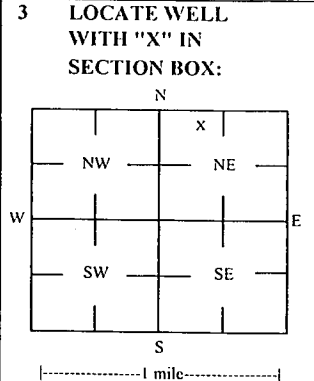
Well ID

MW5

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Wyandotte Fraction SW 1/4 NE 1/4 NW 1/4 NE 1/4 Section Number 10 Township Number T 11 S Range Number R 25 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: ~75' E of 901 North 5th St., Kansas City, KS



4 DEPTH OF COMPLETED WELL: 30 ft Depth(s) Groundwater Encountered: 1) 30 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 17.94 ft. X below land surface, measured on (mo-day-yr) 2/3/20

5 Latitude: 39.11500 (decimal degrees) Longitude: 94.61856 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: X Land Survey Topographic Map Online Mapper

6 Elevation 796.91 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 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW5 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 No X No If yes, date sample was submitted:

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 15 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.53 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 15 ft. to 30 ft, From ft. to ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 13 ft. to 30 ft, From ft. to 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 13 ft, From ft. to 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? Unknown Distance from well? Unknown ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Grass/topsoil, Fill soil, Rubble, limestone, brick fill, Silty clay, Silty sandy clay, abundant sand, little clay and silt.

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) 1/23/20 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

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

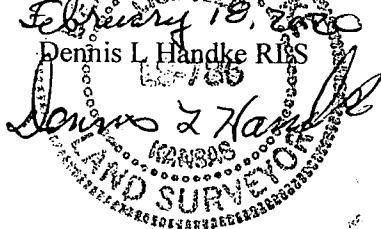
Bench Mark: Chisled Square on East center of concrete island at 4 th Street entrance to parking garage.
Elev: 797.40 North 4628 West 1926 (from SE Cor. Sec. 10-11-25E)

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.



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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.

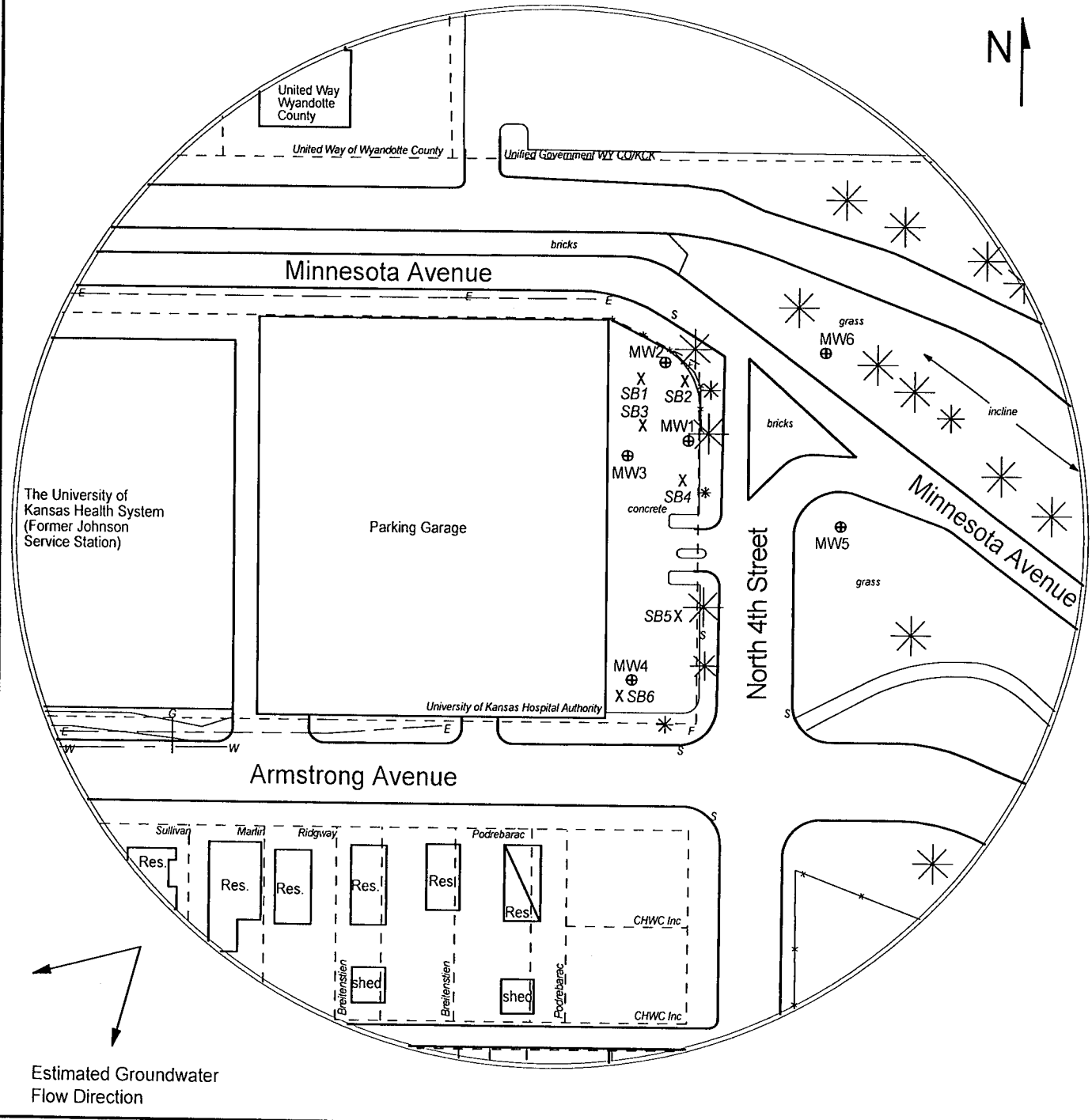


FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP

LEGEND:

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

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



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

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

