

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[Empty box]

Well ID

MW11

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

1 LOCATION OF WATER WELL: County Wilson Fraction SE 1/4 NE 1/4 SE 1/4 NE 1/4 Section Number 11 Township Number T 29 S Range Number R 14 [X] E [] W

2 WELL OWNER: Last Name: Business: KDHE (Pete's #50) Address: 1000 SW Jackson Blvd City: Topeka State: KS ZIP: 66612 Street or Rural Address where well is located: 70' S of 933 North 2nd St, Fredonia, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the NE corner]

4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) ft 3) ft or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 6.65 ft [X] below land surface, measured on (mo-day-yr) 5/2/23

5 Latitude: 37.54003 (decimal degrees) Longitude: 95.83418 (decimal degrees) Horizontal Datum [X] WGS 84 [] NAD 83 [] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model:) [X] Land Survey [] Topographic Map [] Online Mapper

6 Elevation 864.92 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 MW11 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 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.63 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 5 ft. to 15 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 3 ft. to 15 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 3 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? N Distance from well? ~180 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows show intervals from 0 to 15 ft with lithology: Gravel, Silty clay, Clay.

Notes: KDHE ID: Pete's #50; U3-103-15140 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) 4/5/23 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) 5/24/23 under the business name of Larsen & Associates, Inc. Signature [Signature]

DENNIS L HANDKE

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

Jess Chapman
Larsen & Assoc.
1311 E. 25th St., Suite B
Lawrence, Kansas 66046

May 1, 2023

RE: Monitor Well Elevation Survey
933 North 2nd St., Fredonia, Kansas

Proj. 23-00P
Pete's #50
KDHE ID U3-103-15140

Bench Mark: Chisled X on top of the EENE bolt of fire hydrant at the NW corner of property.
Elev: 868.34 North 4080 West 295 (from SE Cor. Sec. 11-29-14E)

MW-11	rim	865.55	North 3617	SE1/4,NE1/4,SE1/4,NE1/4
	top pipe	864.92	West 282	Lat = 37.54003 Long = 95.83418
MW-12	rim	864.28	North 3576	SE1/4,NE1/4,SE1/4,NE1/4
	top pipe	863.87	West 108	Lat = 37.53991 Long = 95.83358
MW-13	rim	861.00	North 3592	SW1/4,NW1/4,SW1/4,NW1/4 (Sec. 12-29-14E)
	top pipe	860.46	East 168	Lat = 37.53994 Long = 95.83262

Elevation derived from existing project. NAVD 88.

Lat & Long derived from Fredonia 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.



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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.

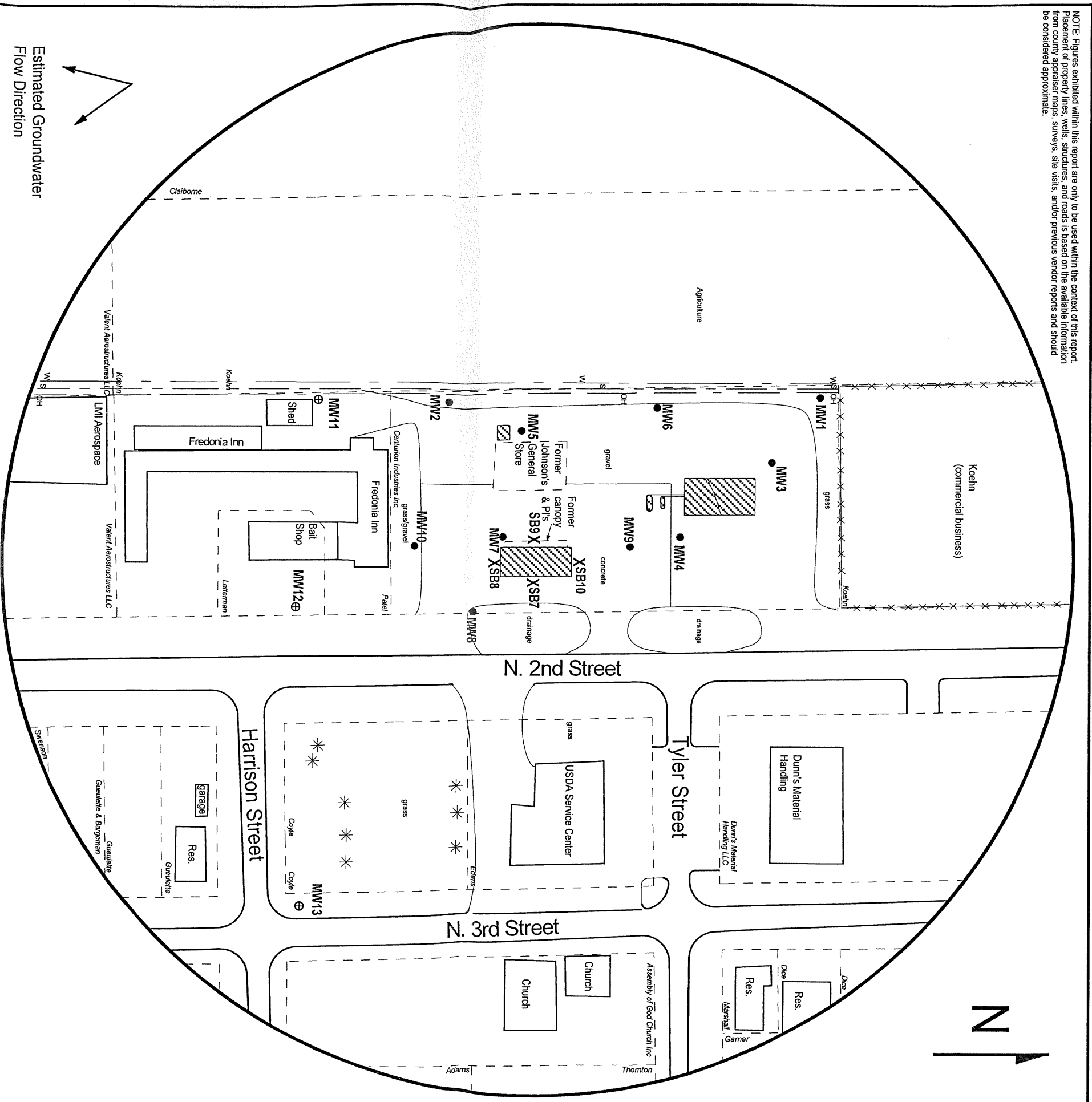



FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP


arsen
 & ASSOCIATES, INC.









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

PROJECT:

Pete's #50
 933 N 2nd St.
 Fredonia, KS
 KDHE ID: U3-103-15140
 Date: 5/2/23

0 100 feet

LEGEND:

-  Approximate Location of Former UST Basin and Pump Islands
-  Building with Basement
-  Existing Monitoring Well
-  New Monitoring well (Installed 4/5/23)
-  Soil Boring (Drilled 7/12/22)
-  Overhead Lines (25-40 ft high)
-  Sewer Lines (2 - 6 ft BGS)
-  Water Lines (2 - 6 ft BGS)

NOTE: Utility depths, heights and locations are approximate.