

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

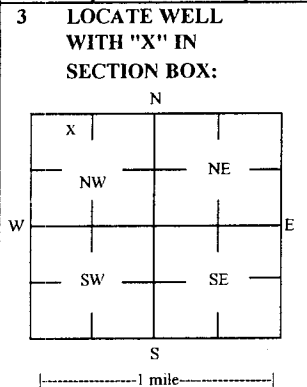
Well ID

MW12

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Butler Fraction NE 1/4 NE 1/4 NW 1/4 NW 1/4 Section Number 27 Township Number T 27 S Range Number R 4 E W

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66046 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 711 W 7th St., Augusta, KS



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: 13.65 ft. [X] below land surface, measured on (mo-day-yr) 1/3/18 [] 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: 37.67876 (decimal degrees) Longitude: 96.98626 (decimal degrees) Horizontal Datum: [] 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 1221.91 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 MW12 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 -0.32 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 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: 0-0.5' Grout intervals: From 0.5 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? NE Distance from well? ~80 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.5 Grass, topsoil, and gravel; 0.5-2 Gravel and clay; 2-18 Silty clay; 18-20 Sand and gravel.

Notes: KDHE ID: Herbert Phillips Property 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) 1/2/18 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) 1/17/18 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 & Assoc.
1311 E. 25th St., Suite B
Lawrence, Kansas 66046

January 11, 2018

RE: Monitor Well Elevation Survey
715 W. 7th St., Augusta, Kansas

Proj. 18-00A
Herbert Phillips Property
KDHE ID U2-008-14368

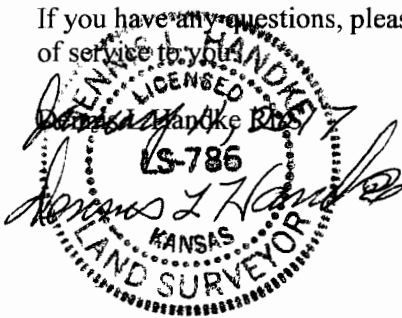
Bench Mark: Square cut on NW corner of concrete signal light sign base at the NE Corner of property.
Elev.: 1224.71 North 5245 West 4338 (from SE Cor. Sec. 27-27-4E)

| | | | | |
|-------|----------|---------|------------|-----------------------------------|
| MW-10 | rim | 1224.49 | North 4838 | NW1/4,NE1/4,NW1/4,NW1/4 |
| | top pipe | 1224.19 | West 4328 | Lat = 37.67814 Long = 96.98649 |
| MW-11 | rim | 1225.38 | North 5233 | NW1/4,NE1/4,NW1/4,NW1/4 |
| | top pipe | 1225.18 | West 4711 | Lat = 37.67923 Long = 96.98780 |
| MW-12 | rim | 1222.23 | North 5062 | NE1/4,NE1/4,NW1/4,NW1/4 |
| | top pipe | 1221.91 | West 4264 | Lat = 37.67876 Long = 96.98626 |

Lat & Long derived from Augusta 7.5' quad map. WGS84.

Elevation derived from existing project.

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



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.

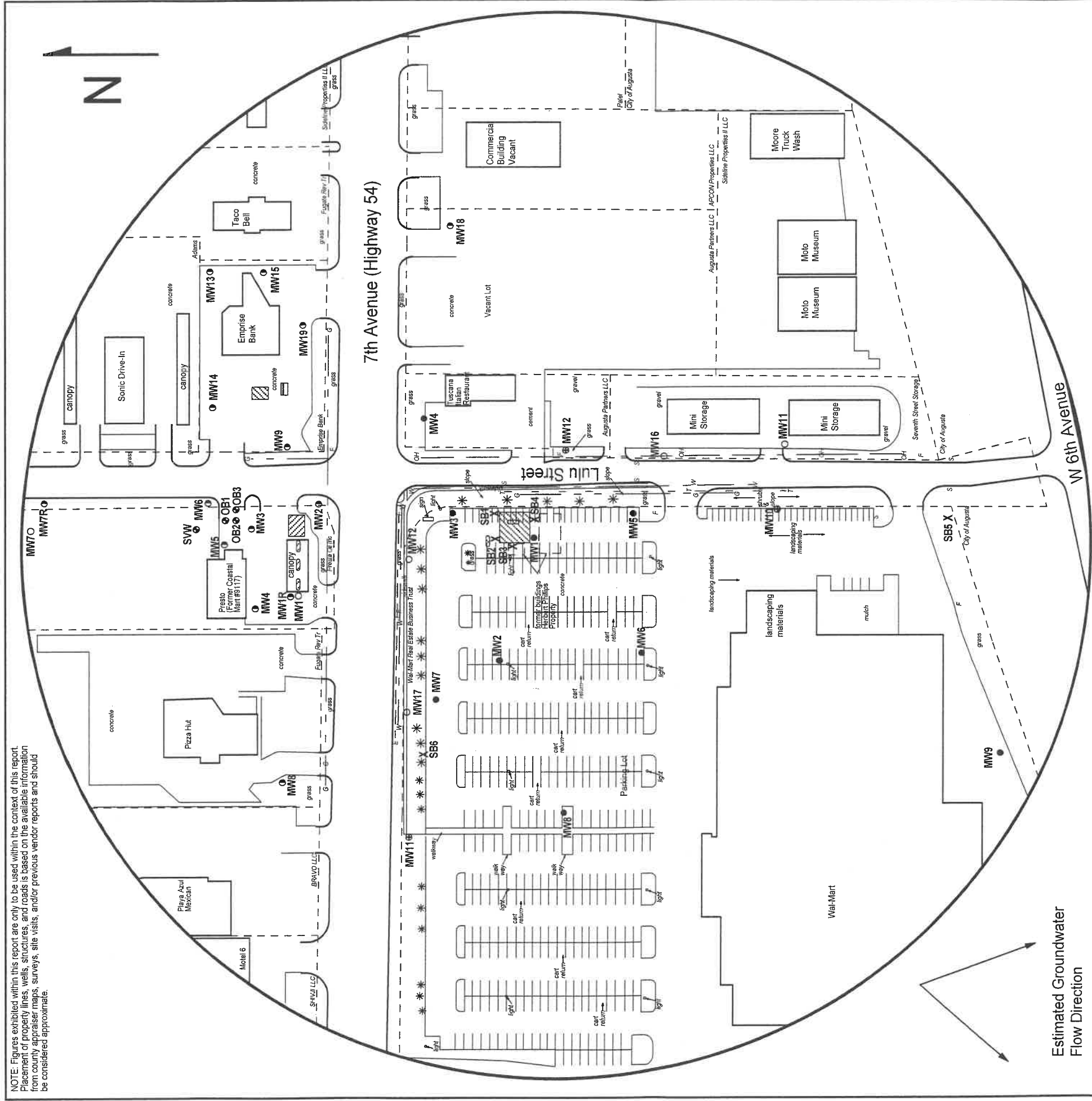


FIGURE 2.2 - 600 FT RADIUS AREA BASE MAP



1311 E 25th St., Suite B
Lawrence, KS 66046

(785) 841-8707 office
(785) 865-4282 fax

PROJECT:

Herbert Phillips Property
715 West 7th
Augusta, KS
KDHE ID: U2-008-14368
Date: 1/3/18



LEGEND:

- Approximate Location of Former UST Basin and Pump Islands
 - Approximate Location of Active UST Basin and Pump Island
 - Approximate Location of Former Waste Oil UST
 - Monitoring Well
 - Monitoring Well (Coastal Mart #9117; U2-008-01059)
 - Plugged Well
 - Monitoring Well (Installed 1/2/18)
 - Soil Boring (Drilled 7/19-20/17)
 - Fire Hydrant
 - Sewer Inlet
 - Electric Lines (2 - 6 ft BGS)
 - Gas Lines (2 - 6 ft BGS)
 - Overhead Lines (25-40 ft high)
 - Telephone Lines (2 - 6 ft BGS)
 - Water Lines (2 - 6 ft BGS)
- NOTE: Utility depths, heights and locations are approximate. Location of former & active product lines is unknown.

RECEIVED

FEB 28 2018

BUREAU OF WATER