

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

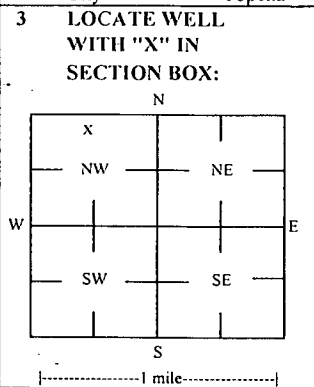
Well ID

MW14

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

1 LOCATION OF WATER WELL: County Butler Fraction NW 1/4 NE 1/4 NW 1/4 Section Number 27 Township Number T 27 S Range Number R 4 [X] 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: [ ] ~185' east of 715 W 7th St., Augusta, KS



4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) [ ] Dry Well 2) \_\_\_\_\_ ft 3) \_\_\_\_\_ ft, or 4) [ ] Dry Well WELL'S STATIC WATER LEVEL: 10.09 ft. [X] below land surface, measured on (mo-day-yr) 7/16-17/20 [ ] 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: 37.67861 (decimal degrees) Longitude: 96.98583 (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 1224.02 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 [ ] Public Water Supply: well ID \_\_\_\_\_ 3 [ ] Dewatering: how many wells? \_\_\_\_\_ 4 [ ] Aquifer Recharge: well ID \_\_\_\_\_ 5 [X] Monitoring: well ID MW14 6 [ ] Environmental Remediation: well ID \_\_\_\_\_ 7 [ ] Air Sparge [ ] Soil Vapor Extractor [ ] Recovery [ ] Injection 8 [ ] Oil Field Water Supply: lease \_\_\_\_\_ 9 Test Hole: well ID \_\_\_\_\_ [ ] Cased [ ] Uncased [ ] Geotechnical 10 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 -0.38 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 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? NW Distance from well? ~215 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	0.5	Gravel fill			
0.5	5	Silty clay			
5	6	Silty clay, high silt			
6	14	Silty clay			
14	18	Silty clay, high silt			
18	20	Silty clay, sand			

Notes: KDHE ID: Herbert Phillips Property; U2-008-14368 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) 7/15/20 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) 8/13/17 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. 25<sup>th</sup> St., Suite B  
Lawrence, Kansas 66046

August 6, 2020

RE: Monitor Well Elevation Survey  
715 W. 7<sup>th</sup> St., Augusta, Kansas

Proj. 20-00MM  
Herbert Phillips Property  
KDHE ID U2-008-14368

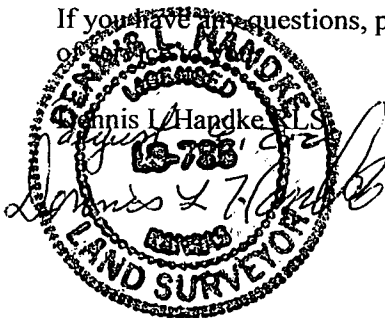
Bench Mark: Square cut on NW corner of concrete signal light sign base at the NE Corner of property.  
Elev.: 1224.71      North 5245      West 4338      (from SE Cor. Sec. 27-27-4E)

MW-4R	rim	1224.87	North	5220	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.51	West	4145	Lat = 37.67919    Long = 96.98585
MW-12R	rim	1223.05	North	5061	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1222.78	West	4231	Lat = 37.67875    Long = 96.98615
MW-13	rim	1223.51	North	5132	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1222.96	West	4149	Lat = 37.67895    Long = 96.98586
MW-14	rim	1224.40	North	5010	NW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1224.02	West	4138	Lat = 37.67861    Long = 96.98583
MW-15	rim	1225.94	North	4924	SW1/4,NE1/4,NW1/4,NW1/4
	top pipe	1225.48	West	4598	Lat = 37.67838    Long = 96.98742

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



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.

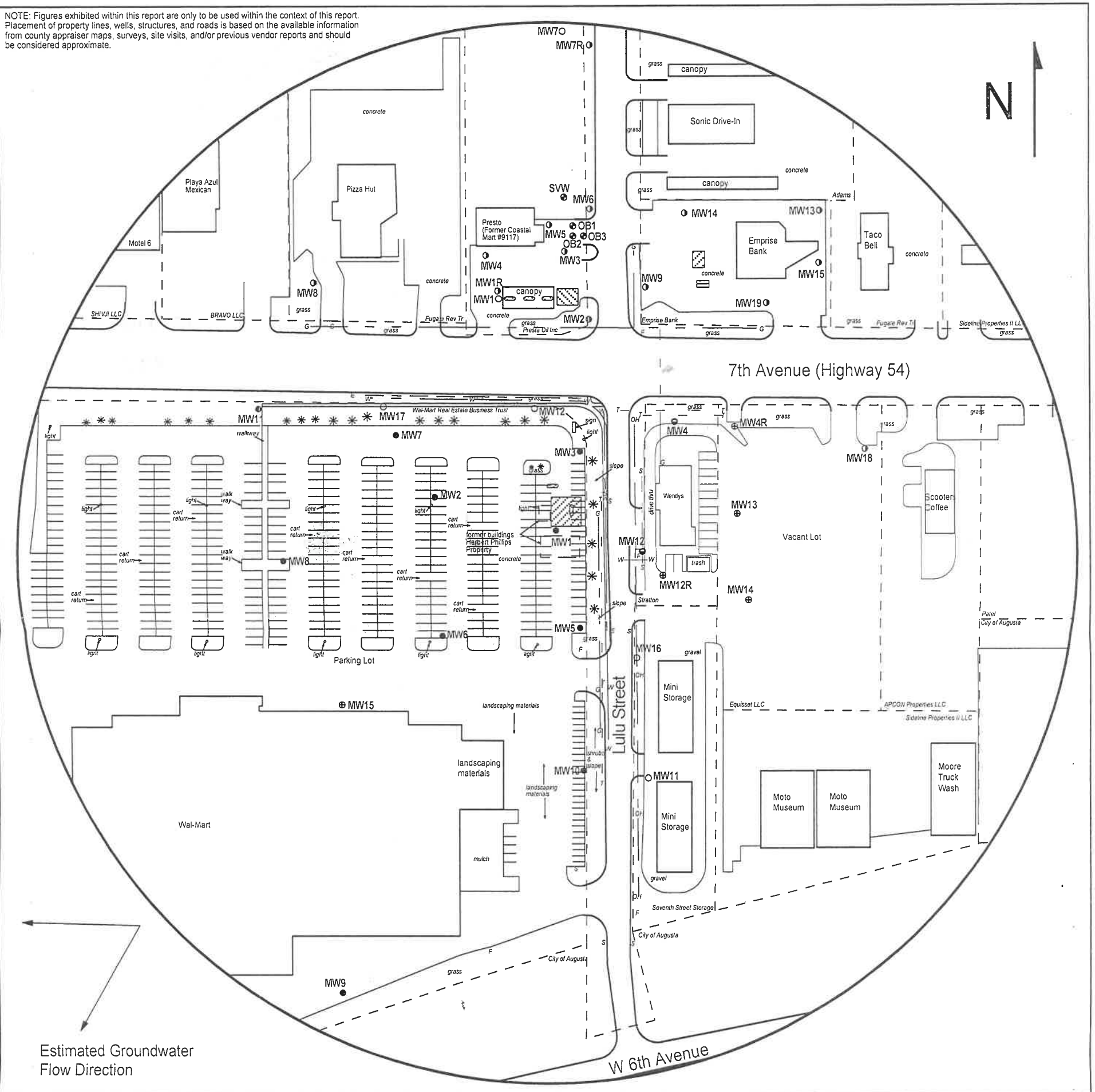


FIGURE 2.2 - 600 FT RADIUS AREA BASE MAP



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

**PROJECT:**  
Herbert Phillips Property  
715 West 7th  
Augusta, KS  
KDHE ID: U2-008-14368  
Date: 7/17/20



**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
- Approximate Location of Property Lines
- Monitoring Well
- Monitoring Well (Coastal Mart #9117; U2-008-01059)
- Destroyed Well
- Plugged Well
- Plugged Observation and Soil Vapor Well
- Monitoring Well (Installed 7/15-16/20)
- 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.  
NOTE: Location of former & active product lines is unknown.