

WATER WELL RECORD

Form WWC-5

Division of Water

Resources App. No.

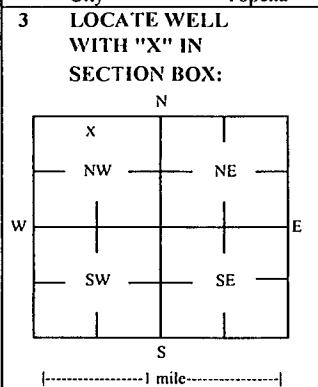
Well ID

MW13

Original Record Correction Change in Well Use

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 R 4 Range Number 4

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: ~170' east of 715 W 7th St., Augusta, KS



4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: 9.75 ft. below land surface, measured on (mo-day-yr) 7/16-17/20

5 Latitude: 37.67895 (decimal degrees) Longitude: 96.98586 (decimal degrees) Horizontal Datum: X WGS 84 GPS (unit make/model): Land Survey X Topographic Map

6 Elevation: 1222.96 ft Ground Level: TOC Source: X Land Survey GPS Topographic Map

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 Monitoring: well ID MW13 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 If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 10 ft. Diameter in. to ft. Casing height above land surface -0.55 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot 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. GRAVEL PACK INTERVALS: From 8 ft. to 20 ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite 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 Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify): Direction from well? W Distance from well? ~180 ft

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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Gravel fill			
0.5	14	Silty clay			
14	16	Silty clay, some sand			
16	20	Coarse sand, silt, clay			

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 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

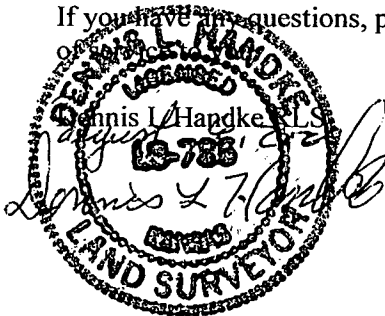
Bench Mark: Square cut on NW corner of concrete signal light sign base at the NE Corner of property.  
Elev.: 1224.71      North 5245      West 4338      (from SE Cor. Sec. 27-27-4E)

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.

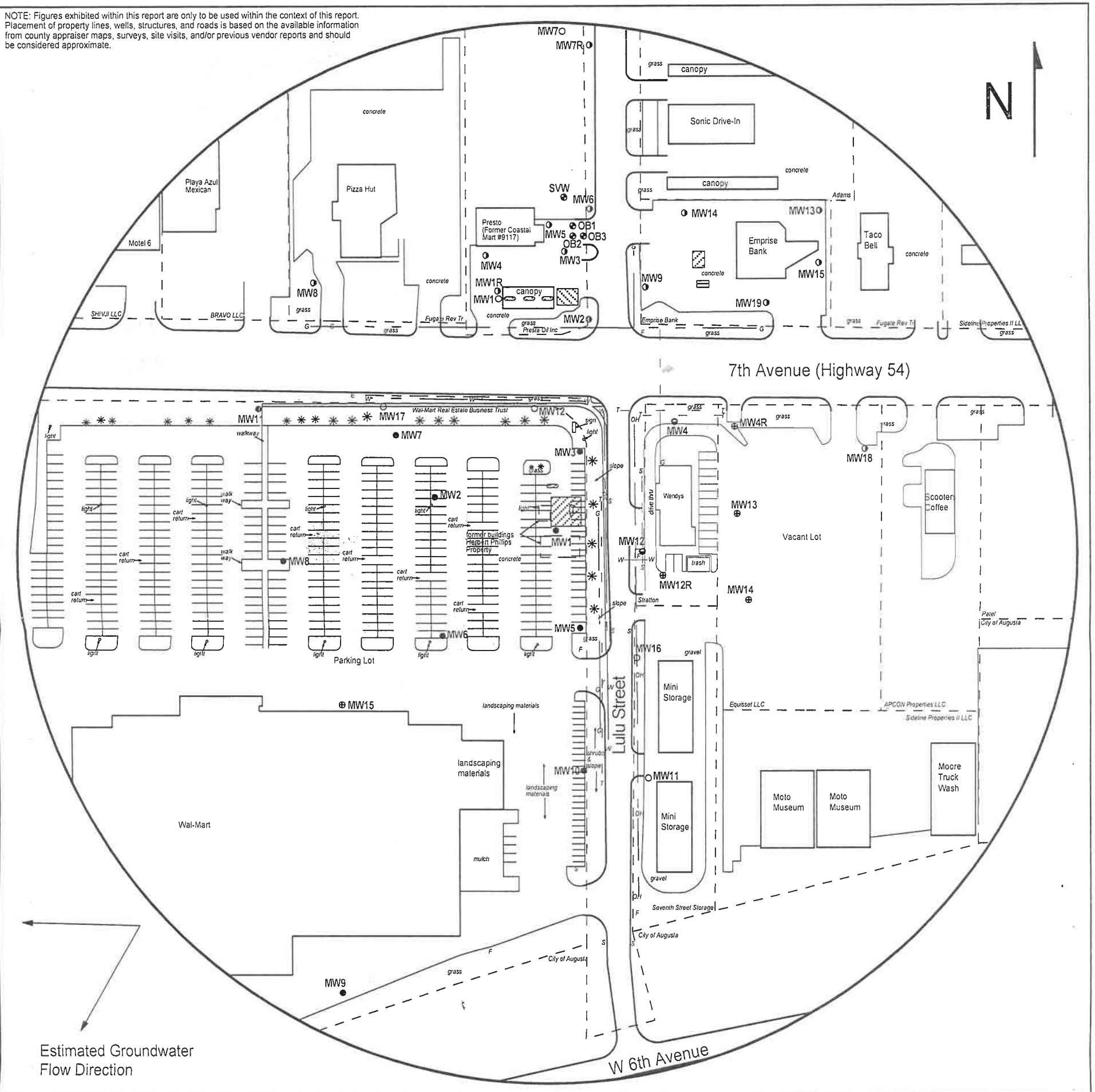


FIGURE 2.2 - 600 FT RADIUS AREA BASE MAP

**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.



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

