

Corrected

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW13

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Leavenworth Fraction SE 1/4 NW 1/4 NE 1/4 NE 1/4 Section Number 35 Township Number T 8 S Range Number R 22 E W

2 WELL OWNER: Last Name: Business: KDHE (Thomas Oil Company) Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): ~40' W of 210 S Broadway, Leavenworth

3 LOCATE WELL WITH "X" IN SECTION BOX: N NW NE SW SE S

4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 20 ft 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: below land surface, measured on (mo-day-yr) Pump test data: Well water was after hours pumping Water well was after hours pumping Estimated Yield: Bore Hole Diameter: 7.25 in to ft, and in to ft

5 Latitude: 39.31653 (decimal degrees) Longitude: 94.92195 (decimal degrees) Horizontal Datum: X WGS 84 Source for Latitude/Longitude: GPS (unit make/model): Land Survey Topographic Map Online Mapper

6 Elevation: 784.72 ft Ground Level 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 Monitoring: well ID MW13 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extractor 9 Recovery 10 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, Diameter in. to ft, Casing height above land surface -0.44 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, 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 Bentonite Other Concrete: 0-1' Grout intervals: From 1 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? NE Distance from well? ~125 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Clay & topsoil, Cinders, Clay fill, Weathered shale clay, sand.

Notes: KDHE ID: Thomas Oil Company; U4-052-00824 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) 11/9/22 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) 11/21/22 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 & Assoc.
1311 E. 25th St., Suite B
Topeka, Kansas 66046

November 17, 2022

RE: Monitor Well Elevation Survey
210 S. Broadway, Leavenworth Kansas

Proj. 22-00LLL
Thomas Oil
KDHE ID U4-052-00824

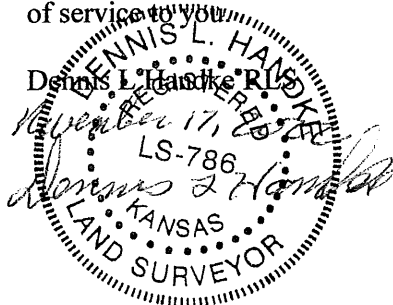
Bench Mark: Chisled X on West top bolt of concrete sign base at Southeast corner property.
Elev.: 781.65 North 4837 West 765 (from SE Cor. Sec. 35-8-22E)

MW-6	rim	782.70	North	4905	SE1/4,NW1/4,NE1/4,NE1/4
	top pipe	782.22	West	886	Lat = 39.31660 Long = 94.92158
MW-10	rim	784.86	North	4983	NE1/4,NW1/4,NE1/4,NE1/4
	top pipe	784.43	West	921	Lat = 39.31681 Long = 94.92171
MW-11	rim	782.40	North	4757	SE1/4,NW1/4,NE1/4,NE1/4
	top pipe	781.99	West	773	Lat = 39.31620 Long = 94.92118
MW-12	rim	785.03	North	4816	SE1/4,NW1/4,NE1/4,NE1/4
	top pipe	784.51	West	947	Lat = 39.31635 Long = 94.92180
MW-13	rim	785.16	North	4883	SE1/4,NW1/4,NE1/4,NE1/4
	top pipe	784.72	West	990	Lat = 39.31653 Long = 94.92195

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

Elevation derived from existing project. NAVD 88.

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.

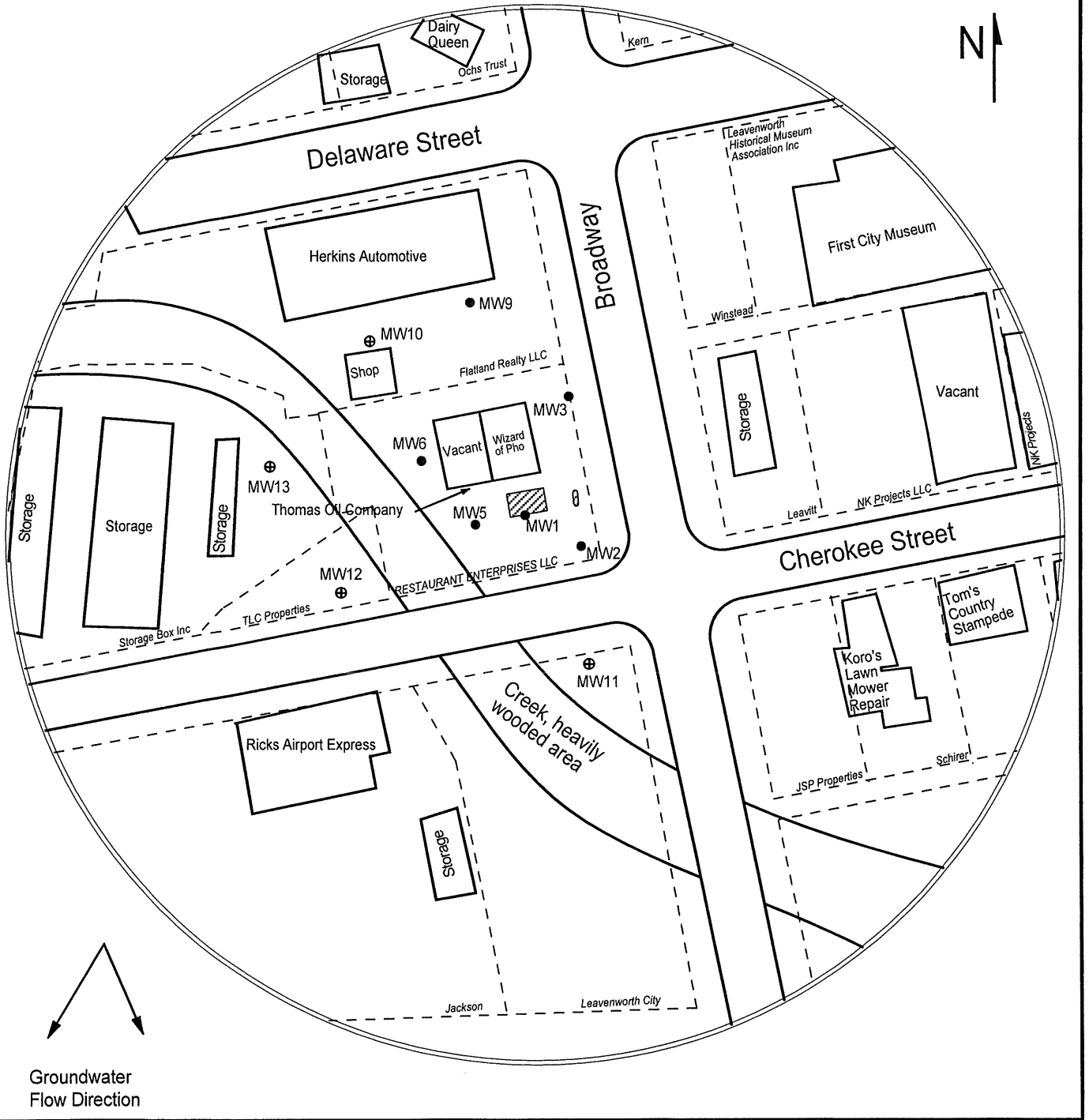






FIGURE 1 - 350 FT RADIUS AREA BASE MAP

LEGEND:

-  Approximate Location of Former UST Basin & Pump Island
-  Approximate Location of Property Line
-  Existing Monitoring Well
-  Newly installed Monitoring Well



PROJECT:

Thomas Oil
 210 S. Broadway,
 Leavenworth, KS
 KDHE ID: U4-052-00824
 Date: 11/9/22

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

