

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

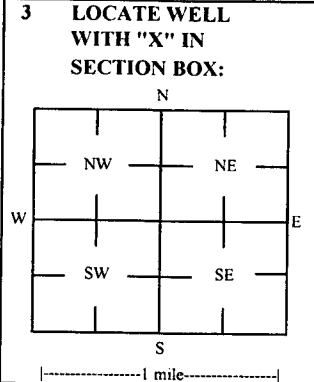
Well ID

MW7

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Wabaunsee Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 34 Township Number T 14 S Range Number R 13 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: Business: KDHE Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612



4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) ft 3) ft or 4) Dry Well WELLS STATIC WATER LEVEL: ft. below land surface, measured on (mo-day-yr) 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: 38.79057 (decimal degrees) Longitude: 95.95999 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper 6 Elevation 1117.65 ft Ground Level TOC Source 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 Monitoring: well ID MW7 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 5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.29 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) 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 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 Bentonite Other Concrete: 0-1' Grout intervals: From 1 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 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? ~45 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1 Topsoil, 1-4 Clay w/ gravel, 4-15 Clay

Notes: KDHE ID: Robert Carrier; U4-099-01162 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) 12/15/22 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) 12/27/22 under the business name of Larsen & Associates, Inc. Signature

wudunsee

34-14-13E

DENNIS L HANDKE

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

Jess Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

December 23, 2022

RE: Monitor Well Elevation Survey
201 Main, Harveyville, Kansas

Proj. 22-00SSS
Robert Carrier
U4-099-01162

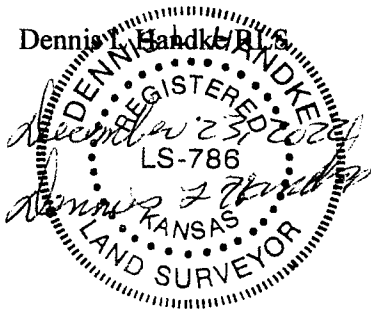
Bench Mark: Square cut on North center of concrete pump island.
Elev: 1117.36 North 2963 West 3911 (from SE Cor. Sec. 34-14-13E)

MW-7	rim	1117.94	North	2879	SW1/4,SW1/4,SE1/4,NW1/4
	top pipe	1117.65	West	3901	Lat = 38.79057 Long = 95.95999
MW-8	rim	1118.25	North	2883	SE1/4,SE1/4,SW1/4,NW1/4
	top pipe	1117.72	West	3997	Lat = 38.79058 Long = 95.96032

Lat & Long derived from Harveyville 7.5 quad map. WGS84

Elevation established 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.



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BUREAU OF WATER

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.

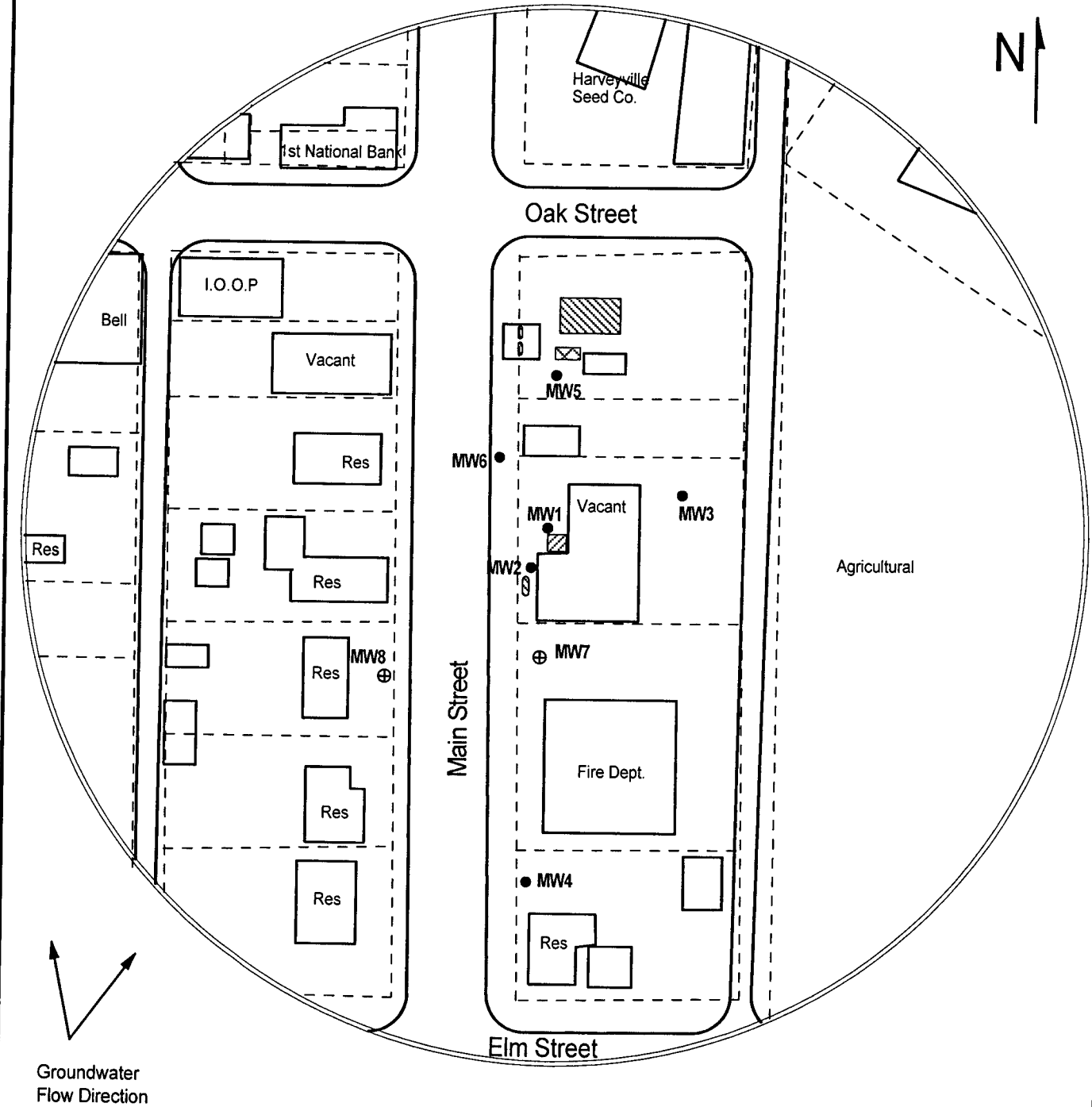


FIGURE 1 - SITE BASE MAP

LEGEND:

- Approximate Location of Former UST Basin and pump islands
- Approximate Location of Active UST basin and pump islands
- Approximate Location of Active AST
- Approximate Location of Property Line
- Monitoring Well
- New Monitoring Well



PROJECT:
 Robert Carrier
 201 Main
 Harveyville, KS
 KDHE ID: U4-099-01162
 Date: 12/15/22



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

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