

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

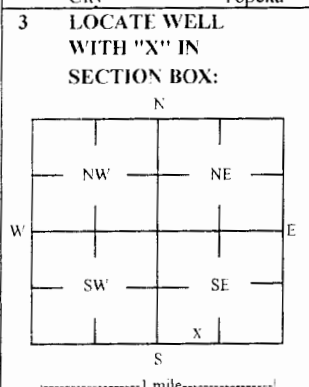
Well ID

MW5

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Shawnee Fraction NE 1/4 SE 1/4 SW 1/4 SE 1/4 Section Number 7 Township Number T 12 S Range Number R 16 E

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: 240 SE 29th St., Topeka, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 20 ft. Depth(s) Groundwater Encountered: 1) 20 ft. 2) 3) 4) Dry Well. WELL'S STATIC WATER LEVEL: 7.64 ft. X below land surface, measured on (mo-day-yr) 4/10/2018

5 Latitude: 39.01646 (decimal degrees) Longitude: 95.67548 (decimal degrees) Horizontal Datum: X WGS 84 Source for Latitude/Longitude: X Land Survey

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 MW5. 9 Environmental Remediation: well ID. 10 Oil Field Water Supply: lease. 11 Test Hole: well ID. 12 Geothermal: How many bores?

Was a chemical/bacteriological sample submitted to KDHE? Yes No X No. If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC Other. CASING JOINTS: Glued Clamped Welded X Threaded. Casing diameter 2 in. to 10 ft. Diameter in. to ft. Casing height above land surface -0.36 in. Weight lbs./ft. Well thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify). SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify). 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 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? N Distance from well? ~105 ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows show depth intervals from 0 to 20 feet with lithology descriptions like Asphalt, Clay to shale, Shale, and Shale with limestone streaks.

Notes: KDHE ID: K-Mart #3236; U4-089-00090. 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) 4/4/18 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) 5/2/18 under the business name of Larsen & Associates, Inc. Signature

STRAWNE E

NW 35

1-12-10E

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

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

April 28, 2018

RE: Monitor Well Elevation Survey
240 E. 29th St., Topeka, Kansas

Proj. 18-00M
K-Mart #3236
U4-089-00090

Bench Mark: Chisled Sq. on concrete sidewalk at Southeast corner of building.
Elev: 948.12 North 472 West 1489 (from SE Cor. Sec. 7-12-16E)

MW-1	rim	947.33	North	524	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	946.84	West	1479	Lat= 39.01674 Long = 95.67542
MW-2	rim	947.15	North	574	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	946.71	West	1445	Lat= 39.01687 Long = 95.67529
MW-3	rim	948.65	North	496	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	948.09	West	1409	Lat= 39.01666 Long = 95.67517
MW-4	rim	947.48	North	700	SE1/4,NE1/4,SW1/4,SE1/4
	top pipe	947.18	West	1582	Lat= 39.01723 Long = 95.67577
MW-5	rim	946.55	North	422	NE1/4,SE1/4,SW1/4,SE1/4
	top pipe	946.19	West	1496	Lat= 39.01646 Long = 95.67548

Lat & Long derived existing Topeka 7.5' quad map. WGS 84.

Elevation established from City of Topeka BM #9 NAVD 27.

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

Dennis L Handke R.L.S.
 LS-786
 APR 28, 2018
 KANSAS
 PROFESSIONAL ENGINEER

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SHAWNEE

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.

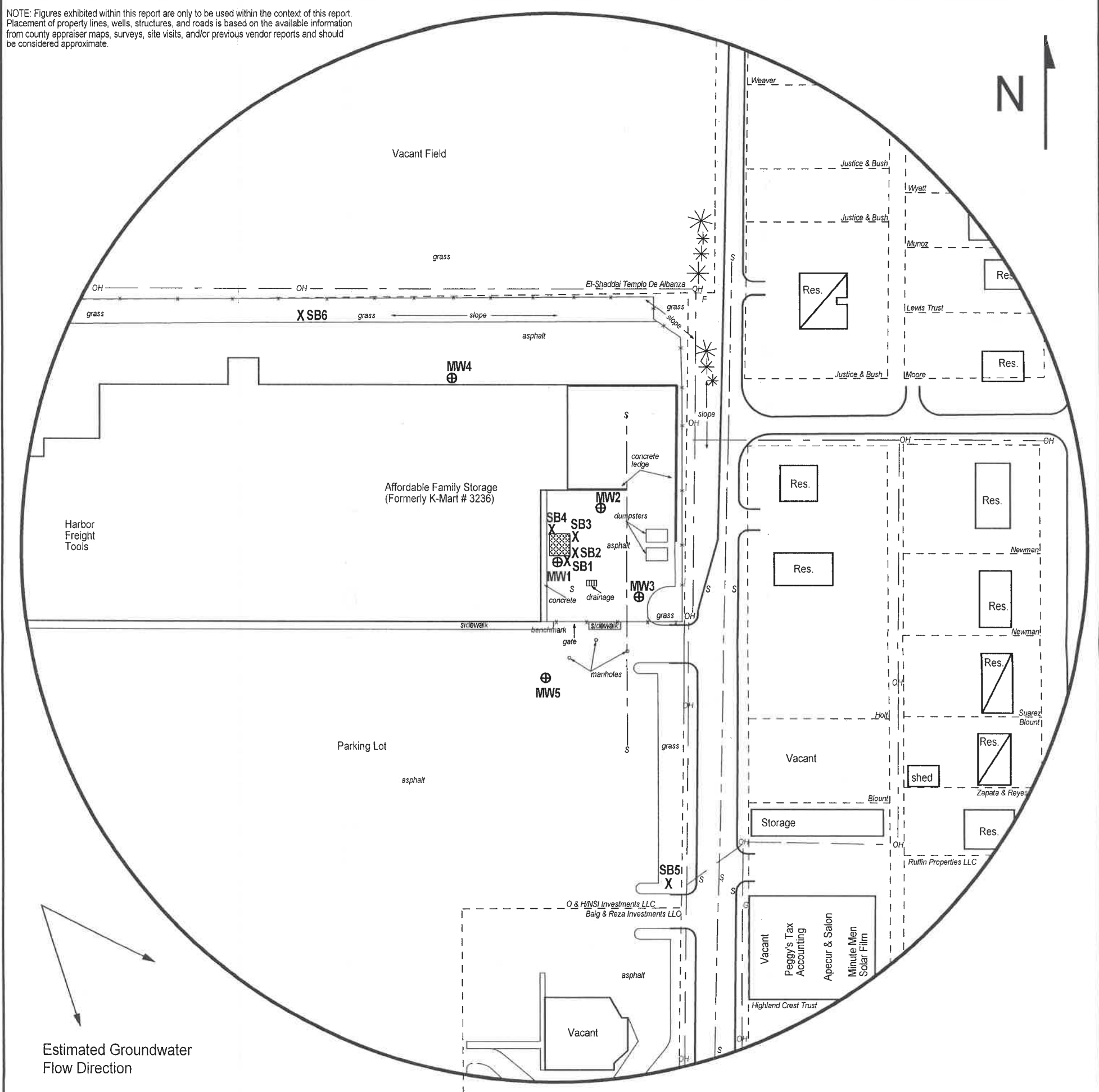
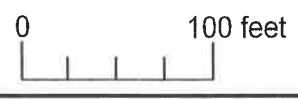


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP



PROJECT:
 K-Mart #3236
 240 SE. 29th St.
 Topeka, KS
 KDHE ID: U4-089-00090
 Date: 4/10/18

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



LEGEND:

- Approximate Location of Former Used Oil UST
- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 4/4/18)
- Soil Boring (Drilled 3/27/18)
- Overhead Lines (25-40 ft high)
- Sanitary Sewer (2 - 6 ft BGS)

NOTE: SB5 & SB6 were drilled to collect hydrologic samples.
 NOTE: Utility depths, heights and locations are approximate.

SW SE

7-12-16E

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