

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

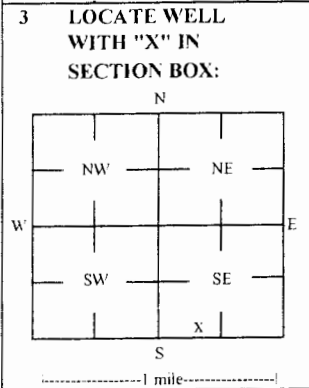
Well ID

MW1

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: 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 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: 240 SE 29th St., Topeka, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 40 ft Depth(s) Groundwater Encountered: 1) 40 ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: 30.02 ft

5 Latitude: 39.01674 (decimal degrees) Longitude: 95.67542 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: X Land Survey Topographic Map Online Mapper

6 Elevation 946.84 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 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW1 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 20 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.49 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) 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 20 ft. to 40 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 18 ft. to 40 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 18 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? ~5 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-0.5 Asphalt, 0.5-8 Clay to shale, 8-16 Limestone with shale streaks, 16-23 Limestone, 23-25 Shale, 25-28 Limestone, 28-40 Shale. 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.

April 28, 2018
Dennis L Handke RL
LS-786
Dennis L Handke
KANSAS
SURVEYOR

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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.

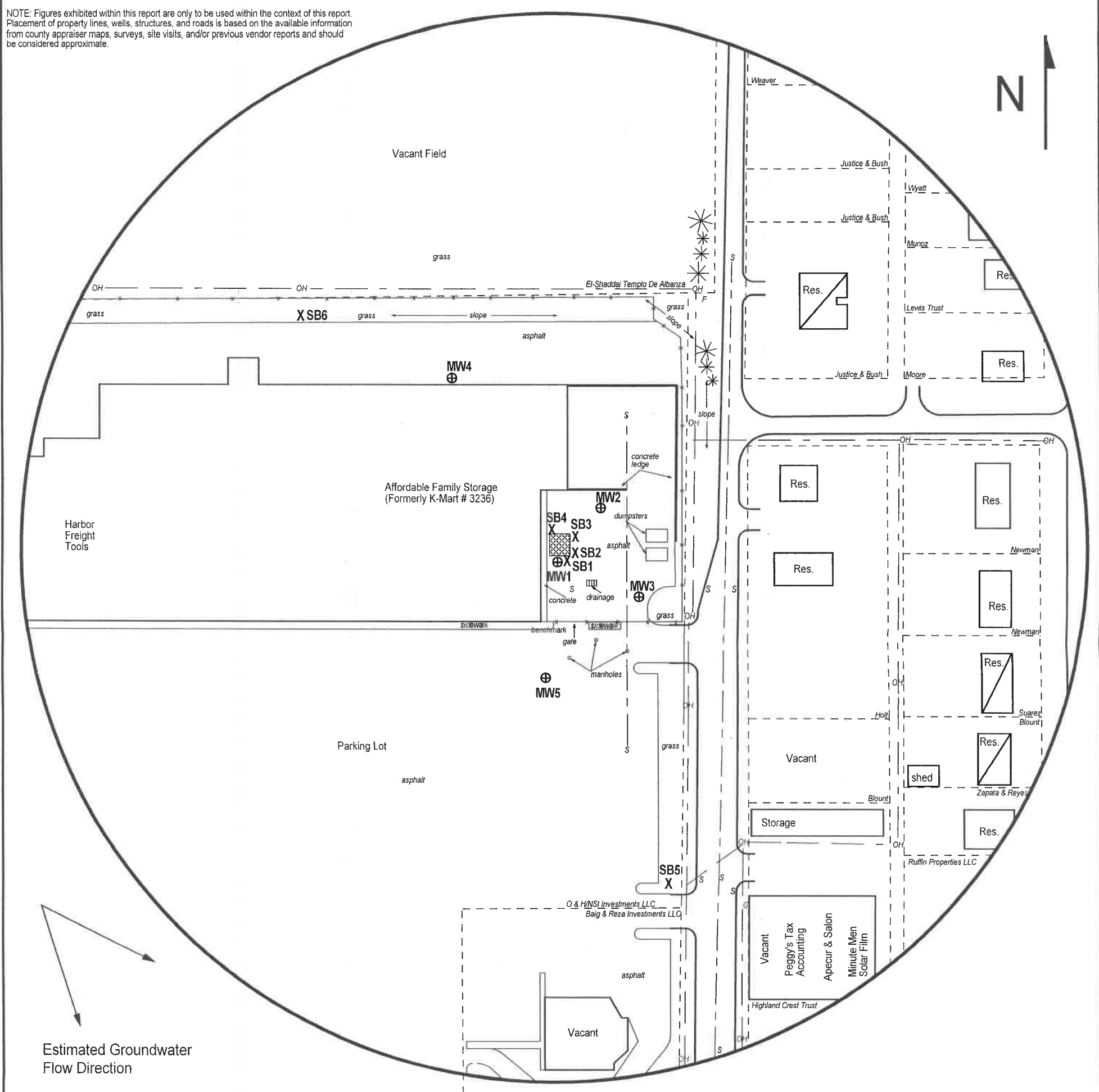
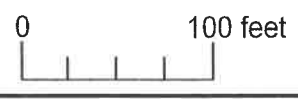


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP



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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