

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

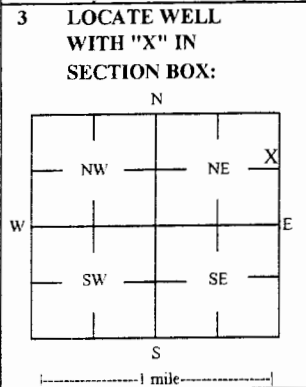
Well ID

MW1

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Shawnee Fraction SE 1/4 SE 1/4 NE 1/4 NE 1/4 Section Number 25 Township Number T 12 S Range Number R 15 E W

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City: Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 4701 S. Topeka Ave., Topeka, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 12.97 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 3.47 ft. [X] below land surface, measured on (mo-day-yr) 12/5/2015 [] 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: 38.98275 (decimal degrees) Longitude: 95.68837 (decimal degrees) Horizontal Datum: WGS 84 [X] NAD 83 [] NAD 27 Source for Latitude/Longitude: [] GPS (unit make/model): _____ (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper

6 Elevation 1011.46 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 [X] No If yes, date sample was submitted: _____ Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 2.97 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft, Casing height above land surface -0.21 in. Weight _____ lbs./ft. Well thickness or gauge No _____ TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) [] Other (Specify) _____ 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 2.97 ft. to 12.97 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft, GRAVEL PACK INTERVALS: From 2 ft. to 13.2 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete: 0-1' Grout intervals: From 1 ft. to 2 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? SE Distance from well? ~5 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-0.5 Asphalt, 0.5-3 Dark gray to black silty clay, 3-5 Dark gray to black silty clay, stiff, some Fe staining, 5-7 Gray silty clay, stiff, some Fe staining, 7-10 Dark brown silty clay, stiff, Fe staining, 10-13.2 Brown to orange brown, silty clay, Fe staining, 13.2 Limestone bedrock. Notes: KDHE ID: Topeka Capital Mini Warehouse; U4-089-14742

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) 11/9/15 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) 12/15/15 under the business name of Larsen & Associates, Inc. Signature _____

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-217-5864 Cell

November 27, 2015

Jess Chapman
Larsen & Associates
1311 E. 254th Street, Suite B
Lawrence, Kansas, 66046

RE: Monitor Well Elevation Survey
4701 S Topeka Blvd, Topeka, Kansas

Proj. 15-00QQ
Topea Capitol Mini Warehouse
U4-089-14742

Bnch Mark: Chisled Sq. on NE corner of concrete pad of security call box near SE corner of property.
Elev: 1013.98 North 3936 West 86 (from SE Cor. Sec. 25-12-15E)

MW-1	rim	1011.67	North	4066	SE1/4,SE1/4,NE1/4,NE1/4
	top pipe	1011.46	West	190	Lat= 38.98275 Long = 95.68837
MW-2	rim	1011.86	North	4105	SE1/4,SE1/4,NE1/4,NE1/4
	top pipe	1011.55	West	88	Lat= 38.98286 Long = 95.68801
MW-3	rim	1012.43	North	3989	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	1012.18	West	108	Lat= 38.98254 Long = 95.68809
MW-4	rim	1013.35	North	3909	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	1013.12	West	70	Lat= 38.98233 Long = 95.68799
MW-5	rim	1011.91	North	3986	NE1/4,NE1/4,SE1/4,NE1/4
	top pipe	1011.58	West	209	Lat= 38.98253 Long = 95.68844
MW-6	rim	1004.09	North	4090	SE1/4,SE1/4,NE1/4,NE1/4
	top pipe	1003.59	West	283	Lat= 38.98282 Long = 95.68870
MW-7	rim	1015.13	North	4042	SW1/4,SW1/4,NW1/4,NW1/4 (30-12-16)
	top pipe	1014.89	East	89	Lat= 38.98269 Long = 95.68739
MW-8	rim	1009.74	North	4178	SE1/4,SE1/4,NE1/4,NE1/4
	top pipe	1009.36	West	92	Lat= 38.98306 Long = 95.68803
MW-9	rim	1008.52	North	4173	SE1/4,SE1/4,NE1/4,NE1/4
	top pipe	1008.11	West	202	Lat= 38.98043 Long = 95.68842

Elevation derived from City of Topeka BM#45. NAVD 27.

Lat & Long derived from Wakarusa 7.5' Quad Map.

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

November 27, 2015
Dennis L Handke RLS
LS 786
Dennis L Handke
KANSAS
LAND SURVEYOR