

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

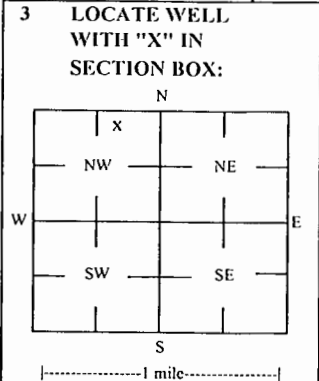
Well ID

MW2

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Shawnee Fraction NE 1/4 NW 1/4 NE 1/4 NW 1/4 Section Number 36 Township Number T 11 S Range Number R 15 E

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): 2001 SW 6th Ave., Topeka, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) 15 ft 2) 3.62 ft 3) 7/25/19

5 Latitude: 39.05823 (decimal degrees) Longitude: 95.69941 (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

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 MW2 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 Water well disinfected? Yes No If yes, date sample was submitted:

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 -0.32 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: 0-0.7 Grout intervals: From 0.7 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? Unknown Distance from well? Unknown ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0 to 0.3 Gravel and broken asphalt; 0.3 to 2 Silty clay; 2 to 12 Clayey silt w/ sand; 12 to 15 Weathered shale w/ occasional limestone fingers.

Notes: KDHE ID: Sinclair, Topeka; U4-089-15037 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) 7/24/19 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) 8/8/19 under the business name of Larsen & Associates, Inc. Signature

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

# DENNIS L HANDKE

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

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

August 1, 2019

RE: Monitor Well Elevation Survey  
2001 SW 6<sup>th</sup> Ave., Topeka, Kansas

Proj. 19-00AA  
Sinclair, Topeka  
KDHE ID U4-089-15037

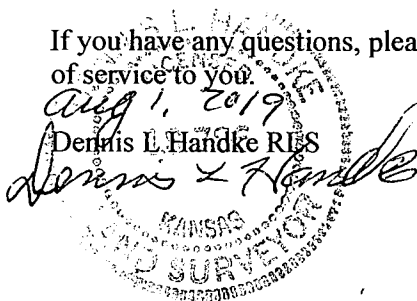
Bench Mark: Chisled Sq. on center front of storm inlet near NE corner of property.  
Elev: 910.41      North 5161.89      West 3346.31      (from SE Cor. Sec. 36-11-15E)

MW-1	rim	912.42	North	5156.99	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	912.15	West	3387.29	Lat = 39.05835    Long = 95.69942
MW-2	rim	912.55	North	5112.37	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	912.23	West	3385.35	Lat = 39.05823    Long = 95.69941
MW-3	rim	918.73	North	5138.57	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	918.49	West	3492.68	Lat = 39.05830    Long = 95.69979
MW-4	rim	910.13	North	5212.24	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	909.81	West	3318.36	Lat = 39.05850    Long = 95.69917
MW-5	rim	912.31	North	5011.61	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	912.00	West	3330.12	Lat = 39.05795    Long = 95.69922
MW-6	rim	911.24	North	5109.47	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	910.94	West	3302.46	Lat = 39.05822    Long = 95.69912

Elevation derived from City of Topeka bench mark #187.1 NAVD 27.

Lat & Long derived from Topeka 7.5 Quad Map WGS84.

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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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.



Estimated Groundwater  
Flow Direction










FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

  
**Larsen**  
 & ASSOCIATES, INC.

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

**PROJECT:**  
 Sinclair, Topoka  
 2001 SW 6th Ave.  
 Topoka, KS  
 KDHEID: U4-089-15037  
 Date: 7/25/19

**LEGEND**

-  Building with Basement
-  Approximate Location of Property Line
-  Monitoring Well (Installed 7/23-24/19)
-  Soil Boring (Drilled 7/24-25/19)
-  Fire Hydrant
-  Gas Lines (1.5 - 3 ft bgs)
-  Overhead Lines (25'-40' high)
-  Sewer Lines (2 - 6 ft bgs)
-  Water Lines (2 - 6 ft bgs)

NOTE: SB5 & SB6 were drilled to collect hydrologic samples.  
 NOTE: Utility depths, heights and locations are approximate.  
 NOTE: The location of the former UST basin and pump islands is unknown.



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