

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW3

[X] Original Record [] Correction [] Change in Well Use

1 LOCATION OF WATER WELL: County Shawnee, Fraction SE 1/4 SE 1/4 SE 1/4 SE 1/4, Section Number 34, Township Number T 11 S, Range Number R 16 E W. 2 WELL OWNER: Last Name: Jays Realty, LLC, Address: PO Box 1176, Independence, KS, ZIP: 67301, Street or Rural Address: 545 SE Croco Rd., Topeka, KS. 3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 36-section grid with 'X' in the SE corner]. 4 DEPTH OF COMPLETED WELL: 24.55 ft, Depth(s) Groundwater Encountered: 1) 24.55 ft, 2) Dry Well, WELL'S STATIC WATER LEVEL: 12/21/16, below land surface, measured on (mo-day-yr). 5 Latitude: 39.04451, Longitude: 95.61380, Horizontal Datum: WGS 84, Source for Latitude/Longitude: Land Survey. 6 Elevation: 946.9 ft, Source: Land Survey, TOC.

7 WELL WATER TO BE USED AS: 1 Domestic: [] Household, [] Lawn & Garden, [] Livestock, [] Irrigation, [] Feedlot, [] Industrial. 2 Public Water Supply: well ID. 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID. 5 Monitoring: well ID MW3. 6 Environmental Remediation: well ID. 7 Air Sparge, Recovery, Soil Vapor Extractor, Injection. 8 Oil Field Water Supply: lease. 9 Test Hole: well ID. 10 Cased, Uncased, Geotechnical. 11 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 9.55 ft, Diameter in. to ft, Diameter in. to ft. Casing height above land surface -0.26 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 9.55 ft to 24.55 ft, From ft. to ft, From ft. to ft. GRAVEL PACK INTERVALS: From 8 ft. to 25 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 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? NW Distance from well? ~35 ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS. Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.7 Topsoil, 0.7-10 Silty clay, 10-25 Weathered shale/claystone. Notes: KDHE ID: Pops Stop-N-Shop; U4-089-14702

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) 10/12/16 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) 11/7/16 under the business name of Larsen & Associates, Inc. Signature

DENNIS L HANDKE

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 Larsen & Associates
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 Lawrence, Kansas, 66046

October 28, 2016
 Revised November 7, 2016
 Revised January 12, 2017

RE: Monitor Well Elevation Survey
 545 SE Croco Road, Topeka, Kansas

Proj. 16-00V
 Pops Stop-N-Shop
 U4-089-14702

Bnch Mark: Chisled X on NNE bolt on top flange of fire hydrant, 103 feet ESE of building.
 Elev: 948.31 North 103 West 40 (from SE Cor. Sec. 34-11-16E)

MW-1	rim	946.32	North	112	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	945.97	West	154	Lat= 39.04460 Long = 95.61406
MW-2	rim	945.67	North	147	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	945.32	West	111	Lat= 39.04470 Long = 95.61391
MW-3	rim	947.16	North	79	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	946.90	West	79	Lat= 39.04451 Long = 95.61380
MW-4	rim	947.55	North	60	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	947.34	West	171	Lat= 39.04446 Long = 95.61413
MW-5	rim	946.08	North	141	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	945.79	West	226	Lat= 39.04469 Long = 95.61431
MW-6	rim	940.83	North	235	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	940.47	West	144	Lat= 39.04494 Long = 95.61402
MW-7	rim	941.33	North	273	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	940.98	West	250	Lat= 39.04505 Long = 95.61438

Elevation derived from City of Topeka BM #75.1 NAVD27.

Lat & Long derived from Grantville 7.5' Quad Maps WGS 84.

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 RLS
 January 12, 2017
Dennis L Handke
 D.L.H. SURVEYING
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 Topeka, Kansas 66618