

Revision

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

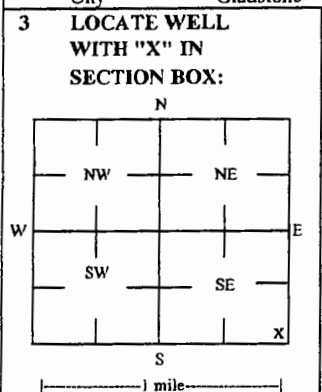
Well ID

MW1

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

1 LOCATION OF WATER WELL: County Leavenworth Fraction SE 1/4 SE 1/4 SE 1/4 SE 1/4 Section Number 27 Township Number T 11 S Range Number R 22 [X] E [] W

2 WELL OWNER: Last Name: Business: Maha, LLC Address: 6833 N Oak City Gladstone State: MO ZIP: 64118 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 15621 158th St, Bonner Springs, KS



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 21 ft Depth(s) Groundwater Encountered: 1) 21 ft 2) 3) 4) Dry Well [] Wells Static Water Level: 15.04 ft [X] below land surface, measured on (mo-day-yr) 12/15/16

5 Latitude: 39.05857 (decimal degrees) Longitude: 94.94619 (decimal degrees) Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 29 Source for Latitude/Longitude: [] GPS (unit make/model:) (WAAS enabled? [] Yes [] No) [X] Land Survey [] Topographic Map [] Online Mapper

7 WELL WATER TO BE USED AS: 1 Domestic: [] Household [] Lawn & Garden [] Livestock 2 Irrigation 3 Feedlot 4 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 11 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.33 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 11 ft. to 21 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 21 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? S Distance from well? ~8 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0 to 0.3 Asphalt and concrete, 0.3 to 6.5 Silty clay, 6.5 to 8.5 Silt, sand, and clay, 8.5 to 15 Glacial till, 15 to 21 Coarse sand.

Notes: KDHE ID: Lake Stop; U4-052-14803

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) 12/14/16 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) 2/15/17 under the business name of Larsen & Associates, Inc. Signature

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

February 14, 2017
Revised February 16, 2017

RE: Monitor Well Elevation Survey
15621 158th St., Bonner Springs, Kansas

Proj. 17-00D
Lake Stop
U4-052-14803

Bench Mark: Sq.cut on Southeast corner of concrete retaining wall of fuel storage tank, West of the parking lot.

Elev: 924.57 North 115 West 233 (from SE Cor. Sec. 27-11-22E)

MW-1	rim	924.39	North	158	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	924.06	West	61	Lat= 39.05857 Long = 94.94619
MW-2	rim	923.67	North	85	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	923.32	West	63	Lat= 39.05837 Long = 94.94621
MW-3	rim	924.19	North	121	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	923.94	West	167	Lat= 39.05847 Long = 94.94657
MW-4	rim	924.83	North	288	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	924.47	West	231	Lat= 39.05893 Long = 94.94679
MW-5	rim	929.83	North	132	SW1/4,SW1/4,SW1/4,SW1/4 (26-11-22)
	top pipe	929.53	West	46	Lat= 39.05850 Long = 94.94582
MW-6	rim	922.71	North	86	SE1/4,SE1/4,SE1/4,SE1/4
	top pipe	922.40	West	236	Lat= 39.05838 Long = 94.94681

Elevation derived from Wyandotte County bench mark: WY 48, NAVD 88.

Lat & Long derived from Bonner Springs 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.

February 16, 2017
Dennis L Handke RLS

785-286-4047

785-286-1990

PROFESSIONAL SURVEYOR

RECEIVED

FEB 24 2017

BUREAU OF WATER