

Revision

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW8

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Jefferson Fraction NW 1/4 NW 1/4 NW 1/4 SE 1/4 Section Number 8 Township Number T 10 S Range Number R 20 E W
2 WELL OWNER: Last Name: Business: Haag Real Estate LLC Address: 326 SE 15th St City: Topeka State: KS ZIP: 66607 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 106 E Pearl St, McLouth, KS
3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the center]
4 DEPTH OF COMPLETED WELL: 14.78 ft Depths Groundwater Encountered: 1) 14.78 ft 2) 2) \_\_\_\_\_ ft 3) \_\_\_\_\_ ft or 4) [ ] Dry Well WELL'S STATIC WATER LEVEL: 1.17 ft [ ] below land surface, measured on (mo-day-yr) 8/20/15 [ ] 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: 39.19366 (decimal degrees) Longitude: 95.20748 (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
6 Elevation 1175.78 ft [ ] Ground Level [X] TOC Source [ ] 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 MW8 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 4.78 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 [ ] 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 4.78 ft. to 14.78 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 [X] Bentonite [X] Other Concrete (0-1ft) Grout intervals: From 1 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 [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? ~150 ft
10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS 0 0.3 Topsoil 0.3 10 Silty clay 10 15 Silty clay, trace to moderate sandy stringers Notes: KDHE ID: McLouth BP: U4-044-14608
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) 8/20/15 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) 11/11/15 under the business name of Larsen & Associates, Inc. Signature: [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. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015

Revision

# DENNIS L HANDKE

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Lawrence, Kansas 66046

June 25, 2016  
Revised July 12, 2016

RE: Monitor Well Elevation Survey  
101 East Lake Street, McLouth, Kansas

Proj. 16-00G  
McLouth BP  
KDHE ID U4-044-14608

Bench Mark: Square cut on North center of pump island West of store building.  
Elev: 1171.28      North 2651      West 2576      (from SE Cor. Sec. 8-10-20)

MW-9	rim	1167.12	North 2314	SE1/4,NE1/4,NE1/4,SW1/4
	top pipe	1166.78	West 2639	Lat = 39.19312    Long = 95.20839
MW-10	rim	1154.51	North 2257	SW1/4,NW1/4,NW1/4,SE1/4
	top pipe	1154.09	West 2498	Lat = 39.19297    Long = 95.20789
MW-11	rim	1145.19	North 2269	SW1/4,NW1/4,NW1/4,SE1/4
	top pipe	1144.82	West 2355	Lat = 39.19300    Long = 95.20739
MW-12	rim	1146.57	North 2385	NW1/4,NW1/4,NW1/4,SE1/4
	top pipe	1146.18	West 2336	Lat = 39.19372    Long = 95.20732
MW-13	rim	1153.73	North 2559	NW1/4,NW1/4,NW1/4,SE1/4
	top pipe	1153.47	West 2300	Lat = 39.19380    Long = 95.20719
MW-14	rim	1164.73	North 2666	NW1/4,NW1/4,NW1/4,SE1/4
	top pipe	1164.31	West 2361	Lat = 39.19409    Long = 95.20741

Lat & Long derived from McLouth 7.5' quad map. WGS84.

Elevation derived from existing project.

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

