

WATER WELL RECORD

Form WWC-5

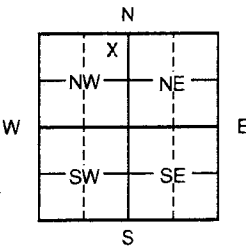
Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NW 1/4 Section Number 12 Township Number T 13 S Range Number R 19 E

Distance and direction from nearest town or city street address of well if located within city? ~10ft W of 1303 W. 23rd St., Lawrence KS Global Positioning System (decimal degrees, min. of 4 digits) Latitude: N 38.94228 Longitude: W 95.25124 Elevation: RIM: 852.99; TOC: 852.62 Datum: WGS84 Data Collection Method: legal survey

2 WATER WELL OWNER: KDHE RR#, St. Address, Box #: 1000 SW Jackson Blvd City, State, ZIP Code: Topeka, Blvd 66612

3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 20.26 ft. MW5



Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL 4.13 ft. below land surface measured on mo/day/yr 8/17/15 Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) (10) Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr Sample was submitted Water Well Disinfected? Yes No X

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 2 PVC 4 ABS 7 Fiberglass Threaded X Blank casing diameter 2 in. to 5.26 ft., Dia in. to ft., Dia in. to ft. Casing height below land surface 0.37 ft., Weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass (7) PVC 9 ABS 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3) Mill slot 5 Gauze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 5.26 ft. to 20.26 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 4 ft. to 20.65 ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (3) Bentonite (4) Other Concrete: 0-1' Grout Intervals From 1 ft. to 4 ft. From ft. to ft. From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon (11) Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well Direction from well? How many feet?

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Row 1: FROM 0 TO 0.3 Asphalt. Row 2: FROM 0.3 TO 20.65 Black organic clay.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7/28/15 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) 8/21/15 under the business name of Larsen & Associates, Inc. by (signature)

INSTRUCTIONS: Please fill in blanks or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell.

# DENNIS L HANDKE

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TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

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

August 18, 2015

RE: Monitor Well Elevation Survey  
1303 W. 23<sup>rd</sup> St., Lawrence

Proj. 15-00EE  
Former June Gulf Service  
U4-023-14694

Bench Mark: Chisled sq. on NW corner of concrete signal light base at NE Corner of property.  
Elev: 854.08      North 5088.9      West 2447.7      (from SE Cor. Sec. 12-13-19E)

MW-1	rim	855.34	North	5198.0	SW1/4,SW1/4,SW1/4,SE1/4 (1-13-19)
	top pipe	854.86	West	2495.4	Lat= 38.94293 Long = 95.25059
MW-2	rim	855.84	North	5192.4	SW1/4,SW1/4,SW1/4,SE1/4 (1-13-19)
	top pipe	855.53	West	2616.8	Lat= 38.94294 Long = 95.25102
MW-3	rim	853.77	North	5070.3	NW1/4,NW1/4,NW1/4,NE1/4
	top pipe	853.35	West	2384.0	Lat= 38.94256 Long = 95.25022
MW-4	rim	851.16	North	4933.4	NW1/4,NW1/4,NW1/4,NE1/4
	top pipe	850.63	West	2364.5	Lat= 38.94219 Long = 95.25018
MW-5	rim	852.99	North	4952.2	NE1/4,NE1/4,NE1/4,NW1/4
	top pipe	852.62	West	2666.4	Lat= 38.94228 Long = 95.25124
MW-6	rim	853.62	North	5047.3	NE1/4,NE1/4,NE1/4,NW1/4
	top pipe	853.38	West	2674.5	Lat= 38.94255 Long = 95.25125

Lat & Long derived City of Lawrence West 7.5' quad map. WGS84.

Elevation established from city of Lawrence Bench Mark.

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

