

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

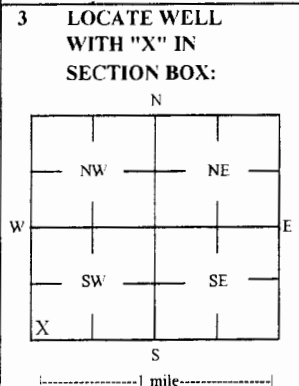
Well ID

WMW12

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Jefferson Fraction SW 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 33 Township Number T 9 S Range Number R 19 E W

2 WELL OWNER: Last Name: Edmonds First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ~130' NE of 603 Walnut St., Oskaloosa KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 14.92 ft Depth(s) Groundwater Encountered: 1) 14.92 ft 2) 2) \_\_\_\_\_ ft 3) \_\_\_\_\_ ft. or 4) \_\_\_\_\_ Dry Well WELL'S STATIC WATER LEVEL: 6.17 ft

5 Latitude: 39.21664 (decimal degrees) Longitude: 95.30971 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper

6 Elevation 1084.44 ft Ground Level X TOC Source X 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 WMW12 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extraction 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 4.92 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.27 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 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 4.92 ft. to 14.92 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 4 ft. to 15.5 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 4.92 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? SW Distance from well? ~230 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1.5 Grass and topsoil, 1.5-9.5 Silty clay, some calcite nodules, 9.5-10 Fossiliferous limestone, 10-13 Clay mudstone, 13-15.5 Clay sandstone

Notes: KDHE ID: Walnut Street Station; U4-044-14690

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) 6/6/16 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) 6/30/16 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

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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

June 25, 2016

RE: Monitor Well Elevation Survey  
503 Walnut St., Oskaloosa, Kansas

Proj. 16-00H  
Walnut Street Station  
U4-044-14690

Bench Mark: Chised x on top of SW bolt of the SW sign base at West center of property.  
Elev: 1101.40      North 91      West 5224      (from SE Cor. Sec. 33-9-19E)

WMW#10	rim	1103.73	South	76	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 4-10-19)
	top pipe	1103.43	West	4977	Lat= 39.21582 Long = 95.30972
WMW#11	rim	1085.95	North	86	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1085.73	West	4916	Lat= 39.21626 Long = 95.30950
WMW#12	rim	1084.71	North	224	SW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1084.44	West	4975	Lat= 39.21664 Long = 95.30971
WMW#13	rim	1084.90	North	340	NW1/4,SW1/4,SW1/4,SW1/4
	top pipe	1084.67	West	5134	Lat= 39.21696 Long = 95.31026
WMW#14	rim	1096.15	North	232	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 32-9-19)
	top pipe	1095.74	West	5312	Lat= 39.21667 Long = 95.31090
WMW#15	rim	1075.68	North	324	SE1/4,SW1/4,SW1/4,SW1/4
	top pipe	1075.36	West	4905	Lat= 39.21691 Long = 95.30946

Lat & Long derived Oskaloosa 7.5' quad map. WGS84

Elevation established 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.

Dennis L Handke RLS

