

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW1R

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Montgomer Fraction SW 1/4 NW 1/4 SW 1/4 SW 1/4 Section Number 31 Township Number T 34 S Range Number R 17 E

2 WELL OWNER: Last Name: KDHE Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State KS ZIP: 66612 Street or Rural Address where well is located

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram] 4 DEPTH OF COMPLETED WELL: 16 ft Depth(s) Groundwater Encountered: 1) 16 ft 2) ft 3) ft or 4) Dry Well WELLS STATIC WATER LEVEL: 6.33 ft

5 Latitude: 37.03651 (decimal degrees) Longitude: 95.59910 (decimal degrees) Horizontal Datum: [X] WGS 84 [ ] NAD 83 [ ] NAD 27 Source for Latitude/Longitude: [X] GPS (unit make/model: ) (WAAS enabled? [ ] Yes [ ] No) [X] Land Survey [ ] Topographic Map [ ] Online Mapper

6 Elevation: 714.55 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 MW1R 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 6 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.35 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 6 ft. to 16 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 4.5 ft. to 16.5 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 4.5 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? Within former Pump Island Distance from well? Within former Pump Island ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.5 Concrete, 0.5-3 Silty clay w/ small gravel & organics, 3-10 Silty clay w/ organics, 10-16.5 Sandy silty clay

Notes: KDHE ID: 701 Northeast St; U3-063-14549 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

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) 1/16/17 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) 2/6/17 under the business name of Larsen & Associates, Inc. Signature

# TRITERRA LAND SERVICES

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SURVEYING OF REPLACEMENT MONITORING WELLS  
701 NORTHEAST STREET  
COFFEYVILLE, KANSAS

The above site is in Section 31, Township 34 South, Range 17 East of the Sixth Principal Meridian, Montgomery County, Kansas. The Southeast corner of Section 31 was assigned coordinates of 00.00 North and 00.00 West.

The previously established control point was destroyed. A new one was created on site. It is described as a chiseled 'X' on the top of curb at the southwest corner of the northwest parking area.

The Latitude and Longitude were recorded from a GPS device. The site is located on the quad map titled "Coffeyville East".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 31-34S-17E	00.00	00.00			
	(Irregular Section)				
Control Point	848.71	6320.53	37.03669	95.59930	715.98
MW-1R SW NW SW SW	778.70	6278.69	37.03651	95.59910	RIM 714.90 TOC 714.55
MW-2R SW NW SW SW	820.11	6274.54	37.03663	95.59908	RIM 715.79 TOC 715.33
MW-3R SW NW SW SW	739.94	6232.98	37.03640	95.59897	RIM 714.94 TOC 714.50
MW-4R SW NW SW SW	860.38	6295.40	37.03672	95.59914	RIM 715.03 TOC 714.66
MW-8R SW NW SW SW	680.64	6261.49	37.03621	95.59904	RIM 715.03 TOC 714.67



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FEB 24 2017  
BUREAU OF WATER