

17 WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID MW-8-17

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Sedgwick Fraction SE 1/4 SE 1/4 NE 1/4 SE 1/4 Section Number 30 Township Number T 28 S Range Number R 4 E W

2 WELL OWNER: Last Name: Bolinger First: Van 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: X

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 25 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 18.50 ft. X below land surface, measured on (mo-day-yr) 07/18/17

5 Latitude: 37.579893 (decimal degrees) Longitude: -97.790335 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 X NAD 27 Source for Latitude/Longitude: X GPS (unit make/model: ) (WAAS enabled? X Yes No) Land Survey Topographic Map Online Mapper:

6 Elevation: Unknown ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2. Public Water Supply: well ID Dewatering: how many wells? Aquifer Recharge: well ID Monitoring: well ID MW-8-17 Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection Oil Field Water Supply: lease Test Hole: well ID Cased Uncased Geotechnical 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 If yes, date sample was submitted: Water well disinfected? Yes No X

8 TYPE OF CASING USED: Steel PVC X CASING JOINTS: Glued Clamped Welded X Threaded Other Casing diameter 4 1/2 in. to 10 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 0 in. Weight 2.07 lbs./ft. Wall thickness or gauge No. .237

TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC X 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 10 ft. to 25 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 9 ft. to 28 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Grout Intervals: From 0 ft. to 1.5 ft., From 1.5 ft. to 9 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 Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well X Other (Specify) Previous Fuel Leak Direction from well? Various Distance from well? Various ft.

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-16 Topsoil, 1-16 Shale, red, 16-28 Shale, red & green

Notes: Flush Mount Construction Grouting modified due to shallow groundwater

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) 07/18/17 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo-day-year) 07/24/17 under the business name of Clarke Well & Equipment, Inc. Signature