

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

MW-18

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Wilson Fraction 1/4 SW 1/4 SE 1/4 SE 1/4 Section Number 20 Township Number T 30 S Range Number R 16 E W

2 WELL OWNER: Last Name: First: Business: Kansas Dept of Health and Environment Address: Bureau of Environmental Remediation Address: 1000 SW Jackson St City: Topeka State: KS ZIP: 66612 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: 125 Mill Street Neodesha, KS 66757

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

4 DEPTH OF COMPLETED WELL: 8 ft. Depth(s) Groundwater Encountered: 1) ... ft. 2) ... ft. 3) ... ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: ... ft. below land surface, measured on (mo-day-yr) ... ft. above land surface, measured on (mo-day-yr) ... ft. Pump test data: Well water was ... ft. after ... hours pumping ... gpm Well water was ... ft. after ... hours pumping ... gpm Estimated Yield: ... gpm Bore Hole Diameter: 8.5 in. to 8 ft. and ... in. to ... ft.

5 Latitude: 37.414890 (decimal degrees) Longitude: -95.674530 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: Garmin etrek (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: Elevation: 805 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 3. Dewatering: how many wells? 4. Aquifer Recharge: well ID 5. Monitoring: well ID MW-18 6. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 7. Oil Field Water Supply: lease 8. Test Hole: well ID Cased Uncased Geotechnical 9. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 10. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 4 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 6 in. Weight lbs./ft. Wall thickness or gauge No. sch 40 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 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 ft. to 8 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 8 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 2 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 Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? Distance from well? ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS 0 1 Top Soil 1 6 Silty clay 6 8 Silty clay with sand Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 03/14/2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710 This Water Well Record was completed on (mo-day-year) 03/19/2019 under the business name of Below Ground Surface, Inc. Signature Craig R. ...

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Legend

Proposed Locations

- ◆ Groundwater Grab
- Monitoring Well

Monitoring Wells (Nov 2017)

- ◆ < Res RSK (5 ug/L)
- ◆ > Res RSK (5 ug/L)
- ◆ Not Sampled

Notes:

1. All locations are approximate
2. TCE groundwater analytical results are shown in ug/L and were collected in 2016 through November 2017.

Temporary Well (2016)

- < Res RSK (5 ug/L)
- > Res RSK (5 ug/L)

Kennedy/Jenks Consultants

Kansas Department of Health and Environment
 South 5th Street
 Neodesha, Kansas
 KDHE Project Code: C3-103-72091

Proposed Monitoring Well and Groundwater Grab Locations

1849305*00
 February 2019

Figure 8