

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

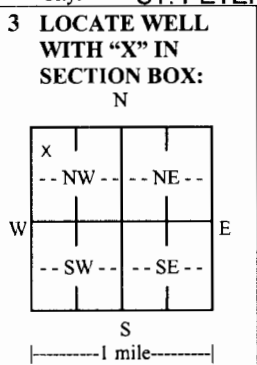
Division of Water Resources App. No.

[Empty Box]

Well ID MW19

1 LOCATION OF WATER WELL: County: RUSSELL Fraction SW 1/4 NW 1/4 SW 1/4 NW 1/4 Section Number 2 Township Number T 14 S Range Number R 14 E W

2 WELL OWNER: Last Name: DUNN First: ANGELA Business: ANTEA USA INC. Address: 150 ST. PETERS CENTRE BLVD, SUITE C City: ST. PETERS State: MO ZIP: 63376 Street or Rural Address where well is located: I-70&US 281, RUSSELL, KS 67665



3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S 1 mile. 4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) 20 ft. 2) ... ft. 3) ... ft. or 4) Dry Well. WELL'S STATIC WATER LEVEL: 17.81 ft. below land surface, measured on (mo-day-yr) 1/24/18.

5 Latitude: 38.86609 (decimal degrees) Longitude: 98.85423 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper. 6 Elevation: 1822.20 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Househld Lawn & Garden Livestock 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID MW19 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 13. Other (specify):

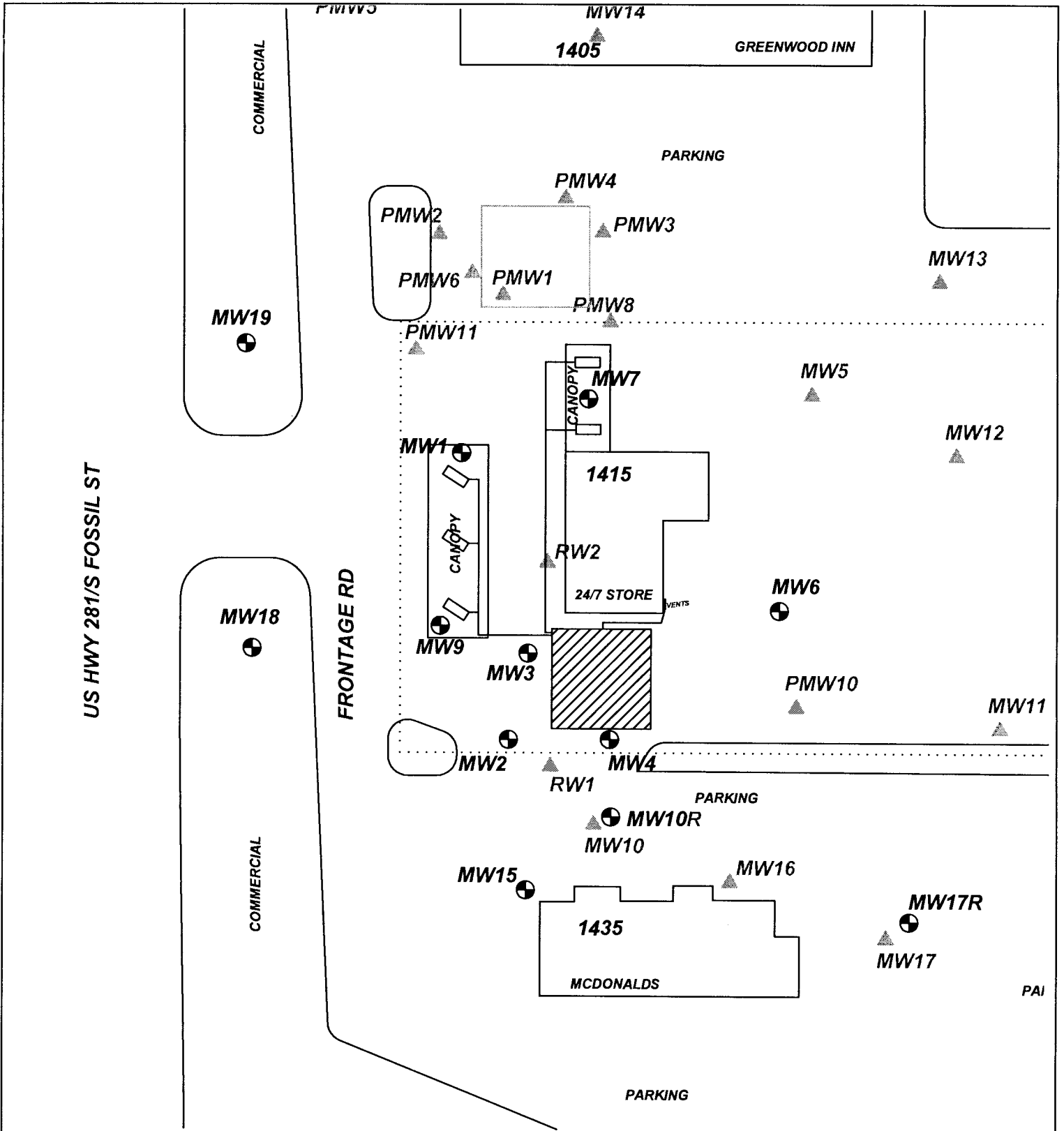
Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 30 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface in. Weight lbs./ft. Wall 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 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 20 ft. to 30 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 13 ft. to 30 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete Surface Completion 0-1 Grout Intervals: From 0 ft. to 1 ft., From 1 ft. to 1.1 ft., From 1.1 ft. to 1.3 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.

Table with columns: 10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0 1 TOPSOIL. Row 2: 1 30 Silty Clay (CL), brown. Notes section below.

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) 1/23/18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo-day-year) 2/15/18 under the business name of ASSOCIATED ENVIRONMENTAL INC. Signature [Signature]



PROJECT: **AMOCO #9689**

ADDRESS: **HWY. 70 & 281**


LOCATION: **RUSSELL, KS**

DRAWN BY: **B. STALNAKER** DATE: **10/25/17**


REVISED BY: **B. STALNAKER** DATE: **2/13/18**


AEI JOB #: **TF507** KDCHE JOB #: **U6-084-00597**


TITLE:


 **ASSOCIATED ENVIRONMENTAL INC.**


LEGEND:

 = (1) 12,000 G., (1) 10,000 G., (1) 8,000 G. GASOLINE, (1) 12,000 G. DIESEL, PRODUCT LINES & DISPENSERS


 = MONITORING WELL

 = PLUGGED/DESTROYED WELL

 = SUBJECT PROPERTY



SCALE: **1" = 50'**



0 25 50

NOTES:
No basements observed within 500'.