

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

[Empty box]

Well ID GMW 16

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Jefferson Fraction SW 1/4 SW 1/4 NE 1/4 NW 1/4 Section Number 9 Township Number T 9 S Range Number R 17 E

2 WELL OWNER: Last Name: 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: Business: US ARMY CORP of engineers kansas city district Address: 601 East 12th street Address: City: Kansas city State: MO ZIP: 64106

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants and an 'X' in the center. A 1-mile scale bar is below.]

4 DEPTH OF COMPLETED WELL: 26 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 18 ft. Pump test data: Well water was after hours pumping gpm Well water was after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 6 in. to 35 ft. and in. to ft.

5 Latitude: 39.279762 (decimal degrees) Longitude: -95.531313 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: Iphone (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: Elevation: 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 GMW 16 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 21 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 0 in. Weight 70 lbs./ft. Wall thickness or gauge No. SCH40 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC 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 21 ft. to 26 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 19 ft. to 27 ft., From ft. to ft., From ft. to ft.

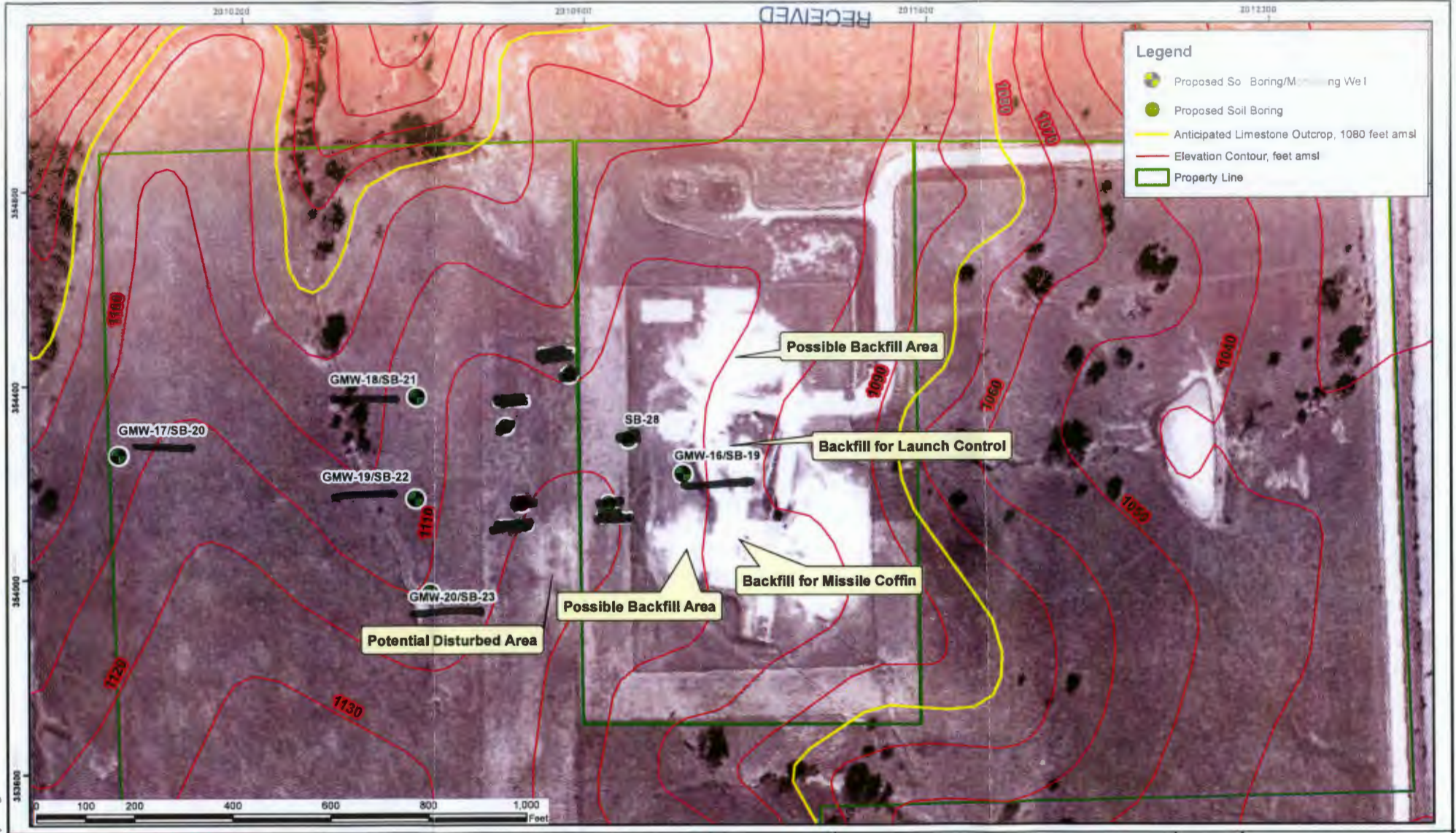
9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 19 ft. to 0 ft., From ft. to ft., From ft. to ft. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) N/A Direction from well? Distance from well? ft.

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-19 clay, 19-27 limestone, 27-35 weathered limestone and shale.

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) 10-17-17 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 597 This Water Well Record was completed on (mo-day-year) 10/17/17 under the business name of Cascade Drilling Signature

JAN 29 2018

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Legend

- Proposed Soil Boring/ Monitoring Well
- Proposed Soil Boring
- Anticipated Limestone Outcrop, 1080 feet amsl
- Elevation Contour, feet amsl
- Property Line

Figure 7. Remedial Investigation proposed sampling locations on a 1966 aerial photograph.

Base map source - ESRI Digital Globe
Elevation contours (feet AMSL) - USGS

U.S. Army Corps of Engineers
Kansas City District



Former Forbes Atlas
Missile Site S-1
Jefferson County, Kansas

9-9-17E

JEFFERSON Co