

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

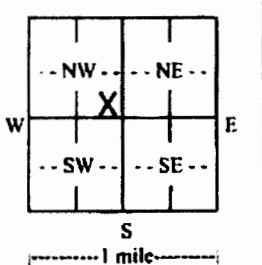
Well ID

AS-3

1 LOCATION OF WATER WELL: County: Thomas Fraction SE 1/4 SE 1/4 SE 1/4 NW 1/4 Section Number 6 Township Number T 8 S Range Number R 33 E W

2 WELL OWNER: Last Name: Deines First: E. Jay Business: Butterfield, Inc. Address: P.O. Box 398 City: Wakeeney State: KS ZIP: 67672 Street or Rural Address where well is located: 820 S. Franklin, Colby, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: N



4 DEPTH OF COMPLETED WELL: 152.5 ft. Depth(s) Groundwater Encountered: 1) 148.5 ft. 2) 136.87 ft. 3) 8/18/16. WELL'S STATIC WATER LEVEL: 136.87 ft. below land surface, measured on (mo-day-yr) 8/18/16. Pump test data: Well water was 148.5 gpm after 2 hours pumping. Well water was 150.5 gpm after 2 hours pumping. Estimated Yield: 150.5 gpm. Bore Hole Diameter: 8.2 in. to 2.0 ft. and 2.0 in. to 4.0 ft.

5 Latitude: 39.3877167N (decimal degrees) Longitude: 101.0462413W (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: EPOCH) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper. 6 Elevation: 3153.73 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household 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 9. Environmental Remediation: well ID AS-3 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 148.5 ft., Diameter 150.5 in. to 152.5 ft., Diameter in. to ft. Casing height above land surface 8.2 in. Weight 2.0 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 148.5 ft. to 150.5 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 90.1 ft. to 152.5 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete to 1 ft. Grout intervals: From 1 ft. to 90.1 ft., From ft. to ft., From ft. to ft.

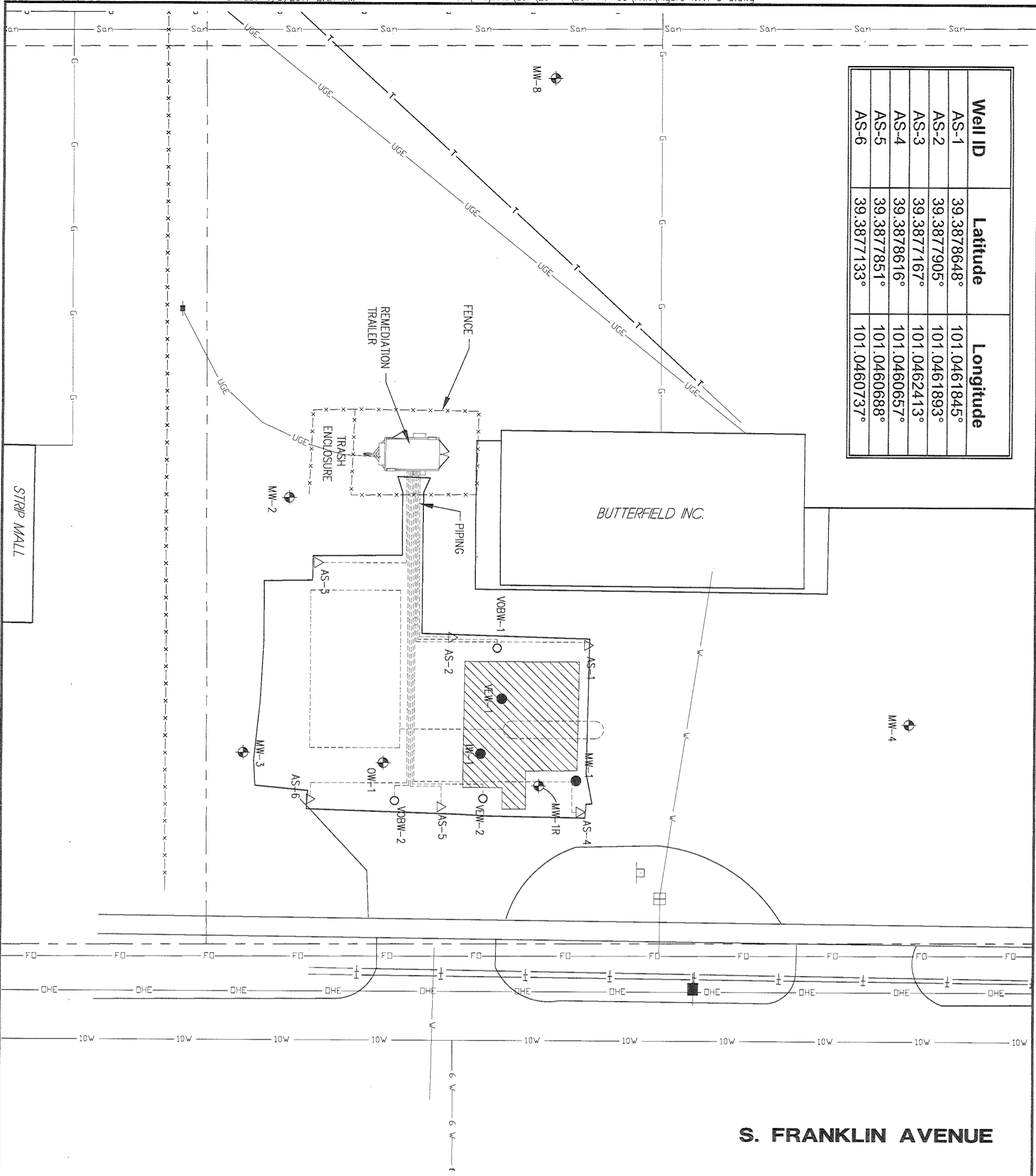
Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify)

Direction from well? Distance from well? ft.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Asphalt, SILT, & silty clay w/sand & caliche, Silty CLAY, w/caliche & sand, SAND with clay & caliche, SAND w/ clay & caliche, SAND with clay, trace gravel, Gravelly SAND w/clay, CLAY with caliche and sand, SAND w/ clay and caliche.

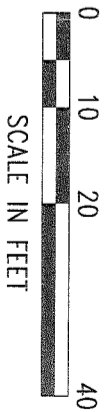
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 8/12/16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 881. This Water Well Record was completed on (mo-day-year) 12/21/16 under the business name of Wootter Pump & Well. Signature

Well ID	Latitude	Longitude
AS-1	39.3878648°	101.0461845°
AS-2	39.3877905°	101.0461893°
AS-3	39.3877167°	101.0462413°
AS-4	39.3878616°	101.0460657°
AS-5	39.3877851°	101.0460688°
AS-6	39.3877133°	101.0460737°



S. FRANKLIN AVENUE

EAST ASH STREET



LEGEND

- = MONITORING WELL
- = 4" VAPOR EXTRACTION WELL
- = 2" AIR SPARGE WELL
- = PLUGGED WELLS
- = METER PIT
- = SIGN
- = POWER POLE
- = WATER LINE
- = GAS LINE
- = SANITARY SEWER LINE
- = OVERHEAD ELECTRIC
- = TELEPHONE LINE
- = FIBER OPTIC LINE
- = UNDERGROUND ELECTRIC
- = EASEMENT
- = APPROX. R.O.W./PROPERTY LINES
- = PROPOSED EXCAVATION
- = FORMER TANK BASIN & PUMP ISLANDS

RECEIVED
JAN 13 2017
BUREAU OF WATER

BUTTERFIELD INC.
SITE BASE MAP
COLBY, KANSAS U6-097-13674

MILCO
Environmental Services, Inc.
Kearney, NE (308) 237-5023
McCook, NE (308) 345-4741
Colby, KS (785) 460-1966

SCALE: AS SHOWN
PROJECT NO. M251-P7-03
DATE: JANUARY, 2017
FIELD BOOK: W&A DWG NO. B5
DRAWN BY: APR/D BY:
SHEET
FIGURE 1

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of MILCO and is not to be used in whole or in part, for any other project without the written authorization of © 2009 MILCO.