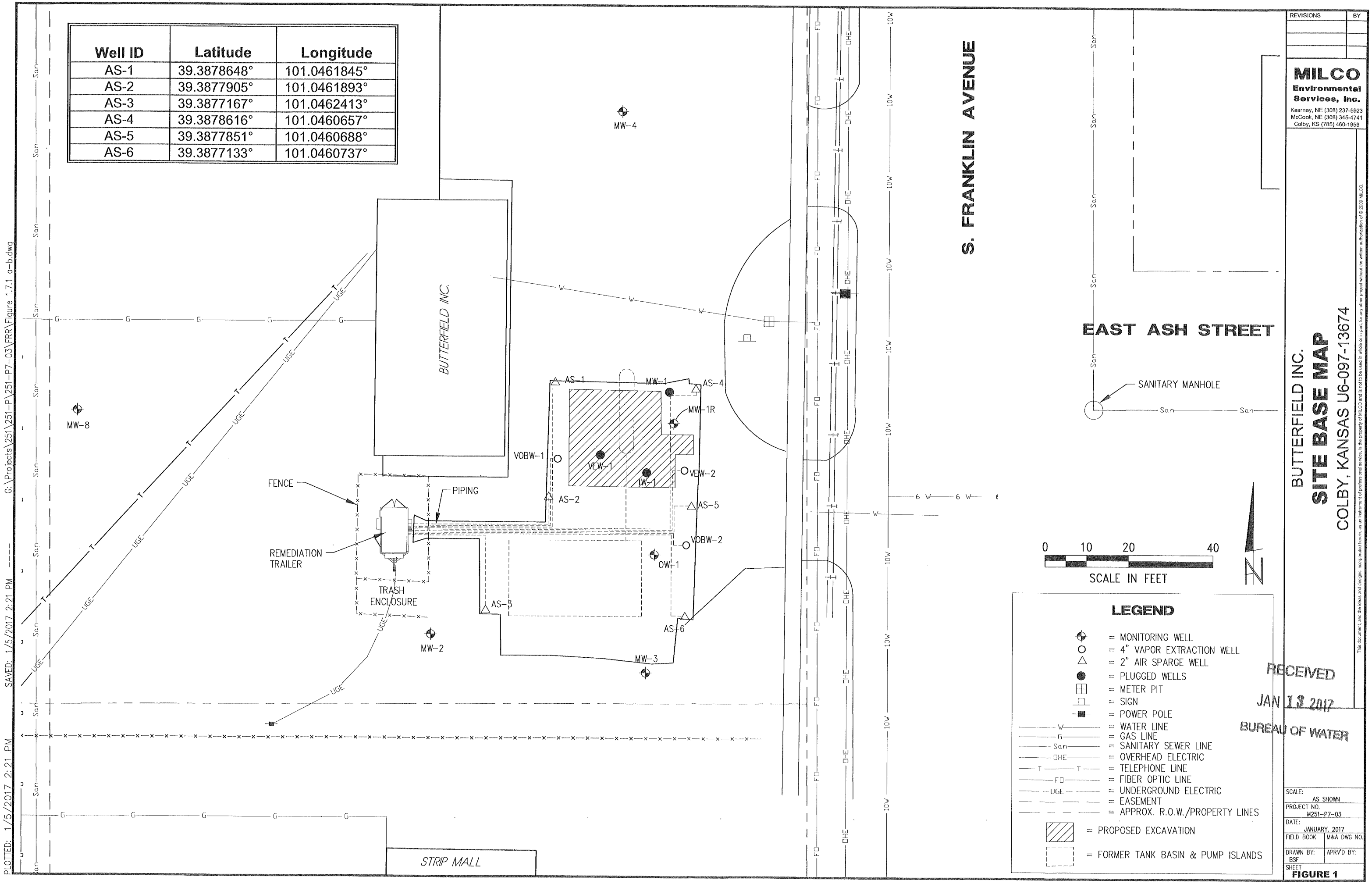
Well ID	Latitude	Longitude
AS-1	39.3878648°	101.0461845°
AS-2	39.3877905°	101.0461893°
AS-3	39.3877167°	101.0462413°
AS-4	39.3878616°	101.0460657°
AS-5	39.3877851°	101.0460688°
AS-6	39.3877133°	101.0460737°



RECEIVED
JAN 13 2017
BUREAU OF WATER

REVISIONS	BY

MILCO
Environmental Services, Inc.
Kearney, NE (308) 237-5923
McCook, NE (308) 345-4741
Colby, KS (785) 460-1956

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

SCALE: AS SHOWN	
PROJECT NO. M251-P7-03	
DATE: JANUARY, 2017	
FIELD BOOK	M&A DWG NO.
DRAWN BY: BSF	APRV'D BY:
SHEET **FIGURE 1**	

G:\Projects\251\251-P\251-P7-03\FRR\Figure 1.7.1 a-b.dwg
SAVED: 1/5/2017 2:21 PM
PLOTTED: 1/5/2017 2:21 PM

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID: AS-5

■ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Thomas	Fraction: SE ¼ SE ¼ SE ¼ NW ¼	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
Address:
City: Wakeeney State: KS ZIP: 67672

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: ☐
820 S. Franklin, Colby, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: N / W / E / S; NW, NE, SW, SE; X in NW; 1 mile

4 DEPTH OF COMPLETED WELL: 152 ft.
Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft. or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 137.70 ft.
■ below land surface, measured on (mo-day-yr) 8/18/16
☐ above land surface, measured on (mo-day-yr) .....
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: ..... in. to ..... ft. and ..... in. to ..... ft.

5 Latitude: 39.3877851N (decimal degrees)
Longitude: 101.0460688W (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: 3154.78 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-5 ■ 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 ft., Diameter 150 in. to 152 ft., Diameter ..... in. to ..... ft.
Casing height above land surface -5.4 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 ft. to 150 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 86.3 ft. to 152 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ■ Other Concrete to1 ft.
Grout Intervals: From 1 ft. to 86.3 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	0.5	Asphalt			
0.5	25	Silt,with trace clay			
25	37	Gravelly SAND w/cobbles, clay&caliche			
37	64	SAND and coarse sand & some clay			
64	93	Gravelly SAND with clay, caliche			
93	107	Caliche and CLAY with sand			
107	154	SAND with gravel, caliche and clay	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) 8/11/16 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 Wooter Pump & Well Signature .....

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015