

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

MW-17

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Seward Fraction NW 1/4 SE 1/4 NE 1/4 SE 1/4 Section Number 32 Township Number T 34 S Range Number R 33 E W

2 WELL OWNER: Last Name: City of Liberal Business: City of Liberal Address: PO Box 2199 City: Liberal State: KS ZIP: 67905 Street or Rural Address where well is located: City ROW, E of 623 N Grant Avenue, Liberal

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

4 DEPTH OF COMPLETED WELL: 199 ft. Depth(s) Groundwater Encountered: 1) 199 ft. 2) ... ft. 3) ... ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: 181.85 ft. below land surface, measured on (mo-day-yr) 3/14/2023

5 Latitude: 37.044560 (decimal degrees) Longitude: 100.923659 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: SPECTRA SP85

6 Elevation: 2836.95 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 MW-17 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 4 in. to 199 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface -7 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 169 ft. to 199 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 167 ft. to 199 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 1 ft. to 167 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: 0-0.5 Concrete, 0.5-19 Clay, 19-27 Sand, 27-60 Clay and caliche, 60-80 Sandy clay with caliche, 80-103 Clay and caliche, 103-112 Clay with caliche, 112-171 Clay and caliche, 171-178 Clay with sand. Notes: Graber Service Station, KDHE Project Code: U1-088-00068

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) 3/10/2023 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) 5/6/2023 under the business name of Woofter Pump and Well Signature

PLOTTED: 5/8/2023 11:12 AM SAVED: 5/8/2023 11:12 AM Brian S. Fahrbruch G:\Projects\287\287-P1-41\Sampling 2023\Figure Site Map.dwg

W. 7th Street

T.34 Rge. 33W Sec.32 and 33  
Seward County

E. 7th Street

KDHE: Graber Service Station U1-088-00068

N. Kansas Ave.

N. Washington Ave.

N. Lincoln Ave.

W. 6th Street

E. 6th Street

**LEGEND**

- = EXISTING MONITORING WELL
- = PLUGGED MONITORING WELL
- = UNDERGROUND ELECTRIC
- = UNDERGROUND GAS
- = UNDERGROUND WATER
- = OVERHEAD ELECTRIC
- = UNDERGROUND TELEPHONE
- = FORMER TANK BASIN, PUMP ISLAND & FUEL LINES
- = APPROXIMATE ROW LINES
- = GROUNDWATER FLOW DIRECTION
- = WATER METER
- = LIGHT POLE

REVISIONS	BY

**MILCO**  
Environmental  
Services, Inc.

Kearney, NE (308) 237-5923  
McCook, NE (308) 345-4741  
Colby, KS (785) 460-1956

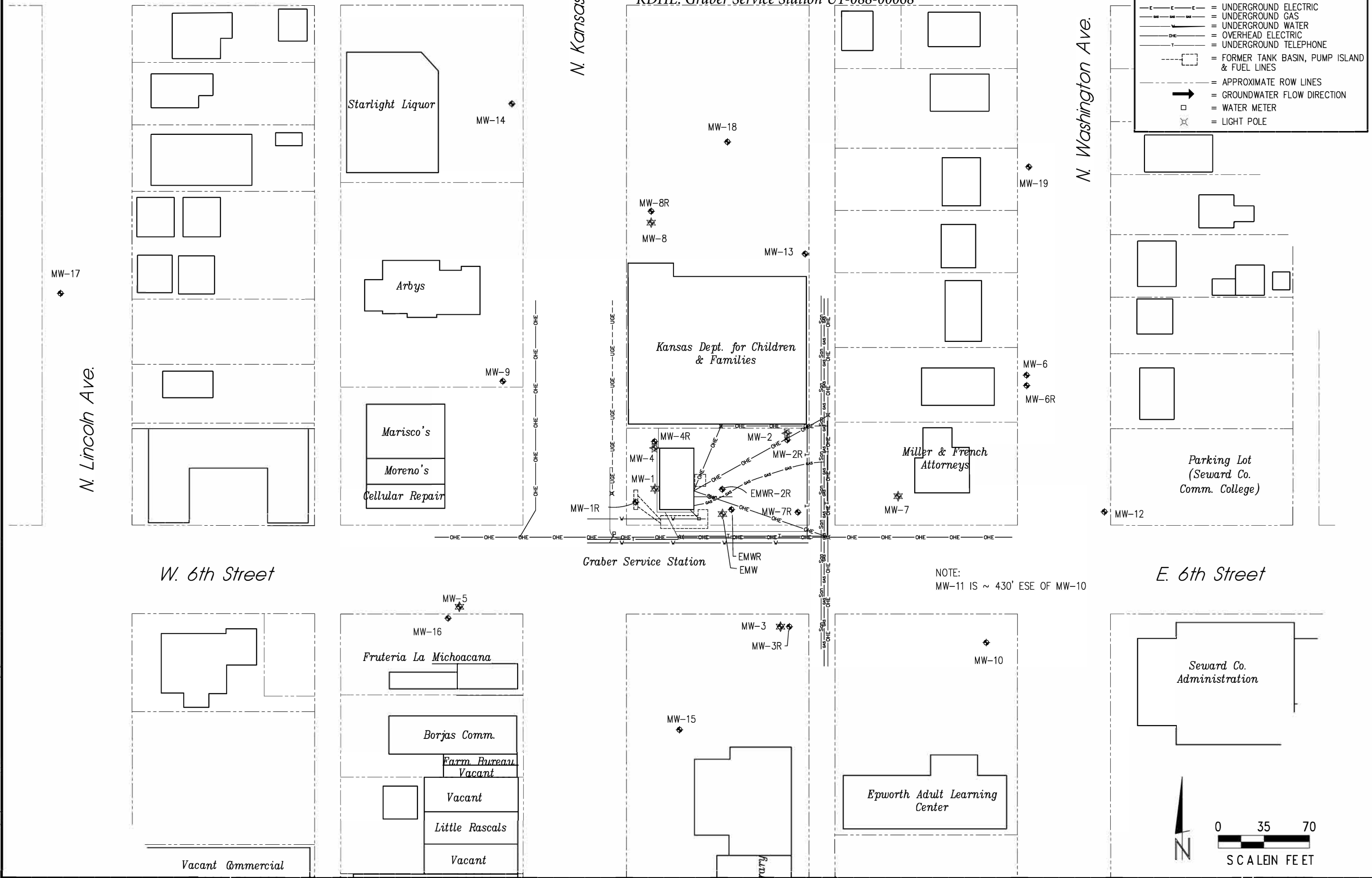
**GRABER SERVICE STATION  
SITE BASE MAP**

601 N. KANSAS AVE., LIBERAL, KS - U1-088-00068

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SCALE: AS SHOWN
PROJECT NO. M287-P1-41
DATE: MAY, 2023
FIELD BOOK: M&A DWG NO.
DRAWN BY: BSF      APRVD BY: S HEET

**FIGURE A**



NOTE: MW-11 IS ~ 430' ESE OF MW-10

