

**WATER WELL RECORD Form WWC-5**

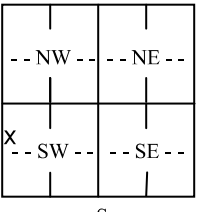
Division of Water Resources App. No.

Well ID EMW-R2

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: <b>Seward</b>	Fraction <b>NW ¼ SW ¼ NW ¼ SW ¼</b>	Section Number <b>33</b>	Township Number <b>T 34 S</b>	Range Number <b>R 33</b> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: <b>Nash Finch Company</b> Business: <b>Nash Finch Company</b> Address: <b>PO Box 831</b> Address: City: <b>Junction City</b> State: <b>KS</b> ZIP: <b>66441</b>	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: <input type="checkbox"/> <b>601 N Kansas Avenue, Liberal</b>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W X E S	<b>4 DEPTH OF COMPLETED WELL:</b> <b>200</b> ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <b>181.81</b> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>3/14/2023</b> <input type="checkbox"/> 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: <b>8.5</b> in. to <b>200</b> ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> <b>37.044228</b> .....(decimal degrees) <b>Longitude:</b> <b>100.921903</b> .....(decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: <b>SPECTRA SP85</b> .....) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: ..... <b>6 Elevation:</b> <b>2834.77</b> .....ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....
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**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID <b>EMW-R2</b> 9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): .....
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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 **200** 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 **170** ft. to **200** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From **168** ft. to **200** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....  
 Grout Intervals: From **1** ft. to **168** 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	20	Sand			
20	40	Clay and caliche			
40	56	Clay			
56	90	Clay and caliche			
90	110	Clay with caliche			
110	148	Caliche and clay			
148	177	Clay with caliche and sandstone			
177	203	Sand with clay			
			<b>Notes:</b> 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**

