**WATER WELL RECORD**

- **LOCATION OF WATER WELL:**
  - County: Wyandotte
  - Township Number: 27
  - Range Number: 10
  - Section Number: 1

- **WELL OWNER:**
  - Name: Last Name
  - Business: World Fuel Services
  - Address: 401 Kindleberger Road
  - City: Kansas City
  - State: KS
  - ZIP: 66115

- **DEPTH OF COMPLETED WELL:**
  - Depth(s) Groundwater Encountered:
    1. 26 ft.
    2. 35 ft.
    3. 75 ft.
    4. Dry Well

- **SCREEN-PERFORATED INTERVALS:**
  - From 20 ft. to 35 ft.
  - From ____ ft. to ____ ft.
  - From ____ ft. to ____ ft.
  - From ____ ft. to ____ ft.

- **LOCATION OF WATER WELL:**
  - Street or Rural Address where well is located (if unknowns, distance and direction from nearest town or intersection):

- **DEPTH OF COMPLETED WELL:**
  - Depth(s) Groundwater Encountered:
    1. 26 ft.
    2. 35 ft.
    3. 75 ft.
    4. Dry Well

- **SCREEN OR PERFORATION OPENINGS ARE:**
  - Continuous Slot
  - Mill Slot
  - Gauze Wrapped
  - Torch Cut
  - Drilled Holes

- **GROUT MATERIAL:**
  - Neat cement
  - Cement grout
  - Bentonite
  - Other Concrete: 0'-1'

- **FROM**
  - TO LITHOLOGIC LOG

<table>
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<tr>
<th>FROM</th>
<th>TO</th>
<th>LITHOLOGIC LOG</th>
<th>FROM</th>
<th>TO</th>
<th>LITHOLOGIC LOG (cont.) or PLUGGING INTERVALS</th>
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<td>3</td>
<td>Sand, fine grained</td>
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<td>Silty lean clay</td>
<td>12</td>
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<td>0</td>
<td>Topsoil, grass</td>
<td>12</td>
<td>3</td>
<td>Sand, fine grained</td>
</tr>
</tbody>
</table>

**NOTES:**
- KDHE ID: World Fuel Services, A4-105-40512
- Target of monitoring well is shallow groundwater, <20 ft of grout was installed at the direction of KDHE.

**CONTRACTOR’S OR LANDOWNER’S CERTIFICATION:**
- This water well was constructed, reinstalled, or plugged under my supervision, and was completed on (mo-day-year) 6/20/23 and this record is true to the best of my knowledge and belief.
- License No. 757
- This Water Well Record was completed on (mo-day-year) 7/27/23
- Signed by Signature

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**Division of Water Resources App. No.**

- Well ID: MW3

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**Change in Well Use:**

1. Domestic:
   - Public Water Supply: well ID
   - Household
   - Lawn & Garden
   - Livestock
   - Irrigation
   - Septic Tank
   - Other (Specify) __________

2. Irrigation:
   - Environmental Remediation: well ID
   - Other (Specify) __________

3. Septic Tank:
   - Drained Oct 1
   - Other (Specify) __________

4. Water Well Record Form WWC-5
   - Domestic: 5
   - Irrigation: 9
   - Other: 2

---

**Latitude:** 39.1497 (decimal degrees)

**Longitude:** -94.61782 (decimal degrees)

**Source for Latitude/Longitude:**
- GPS unit make/model: __________
- WAAS enabled? Yes No

**Source X Land Survey Topographic Map Online Mapper**

**Elevation:** 747.00 ft

**Ground Level X TOC**

**Change in Well Use:**

- Domestic:
  - Public Water Supply: well ID
  - Household
  - Lawn & Garden
  - Livestock
  - Irrigation
  - Septic Tank
  - Other (Specify) __________

- Irrigation:
  - Environmental Remediation: well ID
  - Other (Specify) __________

- Commercial:
  - Feedlot
  - Industrial

- Domestic:
  - Public Water Supply: well ID
  - Household
  - Lawn & Garden
  - Irrigation
  - Septic Tank
  - Other (Specify) __________

- Irrigation:
  - Environmental Remediation: well ID
  - Other (Specify) __________

---

**Was a chemical/bacteriological sample submitted to KDHE?**
- Yes X No

**If Yes, date sample was submitted:** __________

**Well water disinfected?**
- Yes X No

**WELL WATER TO BE USED AS:**
- Domestic
- Commercial
- Irrigation
- Domestic
- Irrigation
- Other (Specify) __________

**TYPE OF CASING USED:**
- Steel
- PVC
- Other (Specify) __________

**Casing diameter:**
- 2 in.
- 20 ft.

**Casing height above land surface:**
- 0.2 ft.

**Weight:**
- lbs./ft.

**Well thickness or gauge No:**
- __________

**TYPE OF SCREEN OR PERFORATION MATERIAL:**
- Steel
- Stainless Steel
- Fiberglass
- PVC
- Other (Specify) __________

**SCREEN OR PERFORATION OPENINGS ARE:**
- Continuous Slot
- Mill Slot
- Gauze Wrapped
- Torch Cut
- Drilled Holes
- Other (Specify) __________

**SCREEN-PERFORATED INTERVALS:**
- From 0 ft. to 20 ft.
- From 20 ft. to 35 ft.
- From 35 ft. to 75 ft.
- From 75 ft. to 120 ft.
- From 120 ft. to 180 ft.
- From 180 ft. to 240 ft.
- From 240 ft. to 300 ft.
- From 300 ft. to 360 ft.
- From 360 ft. to 420 ft.
- From 420 ft. to 480 ft.

**GRAVEL PACK INTERVALS:**
- From 0 ft. to 20 ft.
- From 20 ft. to 35 ft.
- From 35 ft. to 75 ft.
- From 75 ft. to 120 ft.
- From 120 ft. to 180 ft.
- From 180 ft. to 240 ft.
- From 240 ft. to 300 ft.
- From 300 ft. to 360 ft.
- From 360 ft. to 420 ft.
- From 420 ft. to 480 ft.

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**GROUT MATERIAL:**
- Neat cement
- Cement grout
- Bentonite
- Other Concrete: 0'-1'

**Nearest source of possible contamination:**
- Septic Tank
- Septic Lining
- Septic Tank Line
- Septic System
- Abandoned Septic System
- Other (Specify) __________

**Distance from well? ~150 ft**

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**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, PO Box 62, Topeka, Kansas 66604. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.**

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**Visit us at http://www.kdheks.gov/waterwell/index.html**

KSA 82a-1212

**Revised 7/10/2015**
July 26, 2023
Blackstone Environmental,
Inc. Theresa Ferguson
16200 Foster Street
Overland Park, KS 66085

RE: Project No. M-105-40512

Theresa,

The following is the information requested on a Monitoring Well Site, City of Kansas City, World Fuel
Services, 401 Kindleberger Rd., Wyandotte County, Kansas.

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Description:
"V" cut on top of each rim on the east side of the valve box. Also, all measurement was made
on the east side of the pvc casing pipe.

Project information: West ¼ Cor. Sec. 27, T10S, R25E was assumed coord at N-5000, E-5000

Field work was completed with an Emlid-ReachRS2+ ant. With an opus solution:
81% fixed AMB and overall RMS of 0.011m.

Location of Monitoring Wells in the Public Land Survey System (PLSS):
MW- 1,3,4,6 :NE1/4,NE1/4,NW1/4,SW1/4 Sec. 27, T10S, R25E
MW- 2,9 :SE1/4,NE ¼,NW1/4,SW1/4 Sec. 27, T10S, R25E
MW- 5,7,8 :NW1/4,NW ¼,NE1/4,SW1/4 Sec. 27, T10S, R25E

All field work was completed on July 19, 2023, under my direct supervision. If you have any
questions, please contact me at your convenience.

Sincerely,

M. Wayne Blackbourn, PE,PS.
Senior Project Engineer
Blackstone Environmental, Inc. || 16200 Foster Street, Overland Park, Kansas 66085 || blackstone@city.com