

**WATER WELL PLUGGING RECORD Form WWC-5P**

KSA 82a-1212 ID NO.

**MW-16**

|   |  |                             |                                  |   |
|---|--|-----------------------------|----------------------------------|---|
| <b>1 LOCATION OF WATER WELL:</b><br>County: <b>Cowley</b> | Fraction<br><b>NE 1/4 NW 1/4 NE 1/4 SE 1/4</b> | Section Number<br><b>18</b> | Township Number<br><b>T 34 S</b> | Range Number<br><b>4</b> <input checked="" type="checkbox"/> E <input type="checkbox"/> W |
|---|--|-----------------------------|----------------------------------|---|

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here  **Approximately 2000 ft. north of intersection of Hwy 77 Bypass and Radio Lane on west side of Hwy 77**

**Global Positioning Systems (GPS) information:**  
 Latitude: **37.091944** (in decimal degrees)  
 Longitude: **97.02500** (in decimal degrees)  
 Elevation: **NA**  
 Horizontal Datum:  WGS84,  NAD83,  NAD27  
 Collection Method:

**2 WATER WELL OWNER:** **NuStar Pipeline**  
 RR#, St. Address, Box #: **One Valero Way**  
 City, State ZIP Code: **San Antonio, TX 78269**

GPS unit (Make/Model: \_\_\_\_\_)  
 Digital Map/Photo,  Topographic Map,  Land Survey

Est. Accuracy:  < 3 m,  3-5 m,  5-15 m,  > 15 m

**3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:**

**4 DEPTH OF WELL** 32 **ft.**  
 WELL'S STATIC WATER LEVEL 29.53 **ft**  
 WELL WAS USED AS:

|                                     |   |  |
|-------------------------------------|---|--|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Public Water Supply      | <input type="checkbox"/> Dewatering            |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Oil Field Water Supply   | <input checked="" type="checkbox"/> Monitoring |
| <input type="checkbox"/> Feedlot    | <input type="checkbox"/> Domestic (Lawn & Garden) | <input type="checkbox"/> Injection Well        |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Air Conditioning         | <input type="checkbox"/> Other _____           |

Was a chemical/bacteriological sample submitted to Department? Yes  No

**5 TYPE OF BLANK CASING USED:**

Steel  RMP (SR)  Wrought  Fiberglass  Other (Specify below) \_\_\_\_\_  
 PVC  ABS  Asbestos-Cement  Concrete Tile

Blank casing diameter 2 in. Was casing pulled? Yes  No  If yes, how much 5 ft.  
 Casing height above or below land surface 0 in.

**6 GROUT PLUG MATERIAL:**  Neat cement  Cement grout  Bentonite  Other \_\_\_\_\_

Grout Plug Intervals: From 0 ft. to 32 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

What is the nearest source of possible contamination:

|   |   |   |   |
|---|---|---|---|
| <input type="checkbox"/> Septic tank            | <input type="checkbox"/> Seepage pit    | <input type="checkbox"/> Fuel storage         | <input checked="" type="checkbox"/> Other (specify below) |
| <input type="checkbox"/> Sewer lines            | <input type="checkbox"/> Pit privy      | <input type="checkbox"/> Fertilizer storage   | <u>Pipeline</u>   |
| <input type="checkbox"/> Watertight sewer lines | <input type="checkbox"/> Sewage lagoon  | <input type="checkbox"/> Insecticide storage  |   |
| <input type="checkbox"/> Lateral lines          | <input type="checkbox"/> Feedyard       | <input type="checkbox"/> Abandoned water well | Direction from well? <u>north</u>                         |
| <input type="checkbox"/> Cess pool              | <input type="checkbox"/> Livestock pens | <input type="checkbox"/> Oil well/Gas well    | How many feet? <u>125</u>                                 |

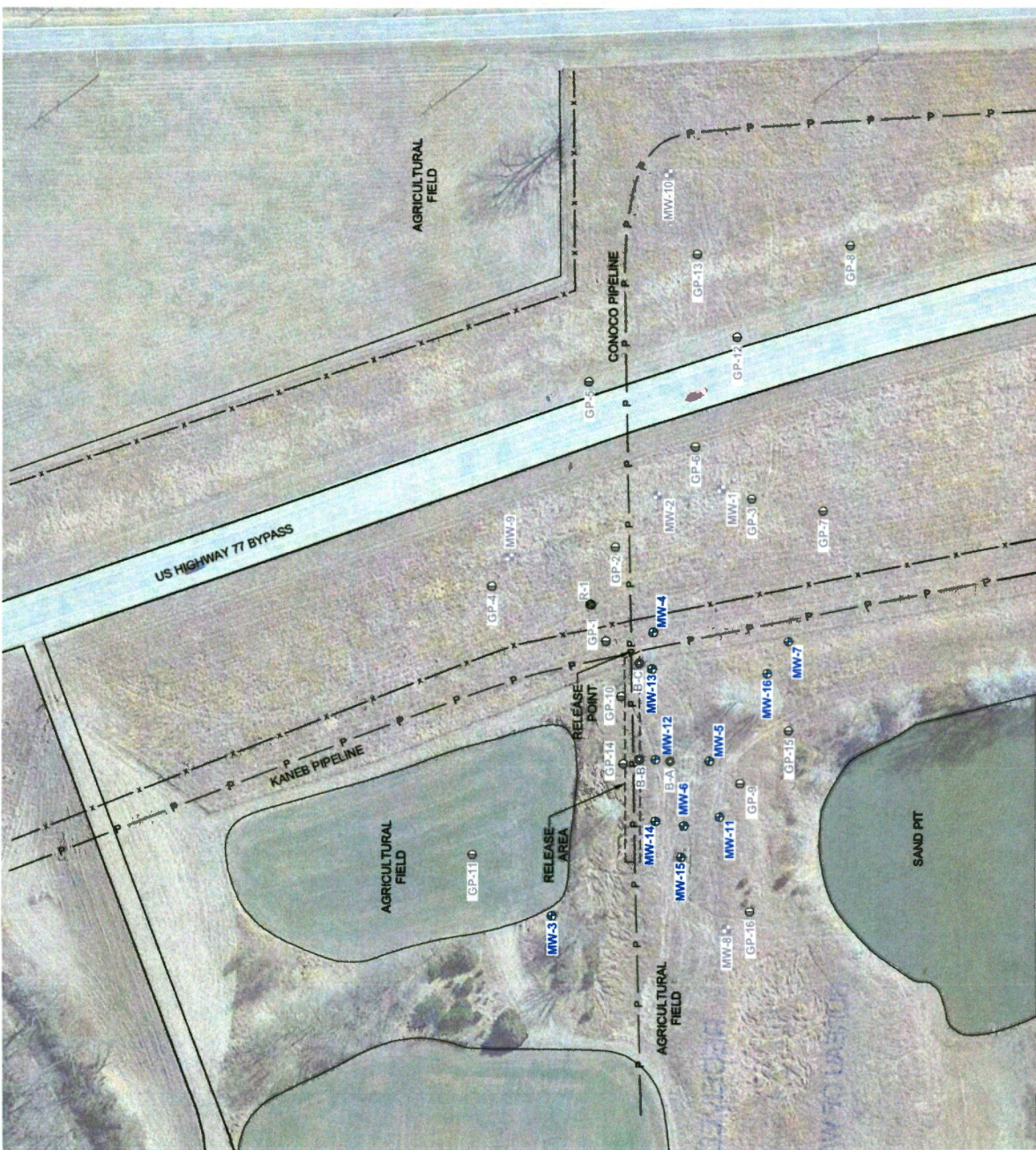
| FROM | TO | PLUGGING MATERIALS | FROM | TO | PLUGGING MATERIALS |
|------|----|--------------------|------|----|--------------------|
| 0    | 32 | Bentonite          |      |    |                    |
|      |    |                    |      |    |                    |
|      |    |                    |      |    |                    |
|      |    |                    |      |    |                    |
|      |    |                    |      |    |                    |

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was plugged under my jurisdiction and was completed on (mo/day/year) 8/31/2021 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604. This Water Well Record was completed on (mo/day/year) 9/16/21 under the business name of Environmental Priority Service, inc. by (signature) PJA mt

Send one white copy to Kansas Department of Health & Environment, Geology Section, 1000 SW Jackson Street, Ste. 420, Topeka, KS 66612-1367. Send one copy to WATER WELL OWNER and retain one for your records.  
 Visit us at <http://www.kdheks.gov/waterwell/index.html> Telephone 785-296-5524.

**Legend:**

- MW-3 Monitoring Well Location
- MW-1 Monitoring Well Location (Abandoned 4/10/2018)
- R-1 Recovery Well Location (Abandoned 9/16/2009)
- GP-1 Approximate Soil Boring Location (1996)
- B-A Approximate Soil Boring Location (2003)
- P Pipeline
- X Fence Line



Notes: Base map prepared from Google Earth Pro (Aerial dated February 21, 2017).

**Site Vicinity Plan**

First Semi-Annual 2019 Groundwater Monitoring Report  
 Arkansas City Pipeline Release  
 NuStar Pipeline Operating Partnership L.P.  
 Arkansas City, Kansas

|   |                |           |        |   |
|---|----------------|-----------|--------|---|
| <br>APEX<br>Apex Companies, LLC<br>3015 SW First Avenue<br>Portland, Oregon 97201 | Project Number | 1642-07   | Figure | 2 |
|   |                | July 2019 |        |   |