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|---|--|-----------------------------|----------------------------------|---|
| 1 LOCATION OF WATER WELL: County: <u>Cowley</u> | Fraction <u>NE 1/4 NW 1/4 NE 1/4 SE 1/4</u> | Section Number <u>18</u> | Township Number <u>T 34 S</u> | Range Number <u>4</u> <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: 37.099222 (in decimal degrees)
 Longitude: 97.025277 (in decimal degrees)
 Elevation: NA
 Horizontal Datum: WGS84, NAD83, NAD27
 Collection Method:

2 WATER WELL OWNER:
 RR#, St. Address, Box #: NuStar Pipeline
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

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|---|--|--|--|-------------------------------------|-------------------------------------|---|--|----------------------------------|---|---|-------------------------------------|---|--------------------------------------|
| <p>3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:</p> <div style="text-align: center;"> </div> | <p>4 DEPTH OF WELL <u>35</u> ft. WELL'S STATIC WATER LEVEL <u>30.31</u> ft WELL WAS USED AS:</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Domestic</td> <td><input type="checkbox"/> Public Water Supply</td> <td><input type="checkbox"/> Dewatering</td> </tr> <tr> <td><input type="checkbox"/> Irrigation</td> <td><input type="checkbox"/> Oil Field Water Supply</td> <td><input checked="" type="checkbox"/> Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Feedlot</td> <td><input type="checkbox"/> Domestic (Lawn & Garden)</td> <td><input type="checkbox"/> Injection Well</td> </tr> <tr> <td><input type="checkbox"/> Industrial</td> <td><input type="checkbox"/> Air Conditioning</td> <td><input type="checkbox"/> Other _____</td> </tr> </table> <p>Was a chemical/bacteriological sample submitted to Department? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> | <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 _____ |
| <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 _____ | | | | | | | | | | | |

5 TYPE OF BLANK CASING USED:

| | | | | |
|---|-----------------------------------|--|--|--|
| <input checked="" type="checkbox"/> Steel | <input type="checkbox"/> RMP (SR) | <input type="checkbox"/> Wrought | <input type="checkbox"/> Fiberglass | <input type="checkbox"/> Other (Specify below) _____ |
| <input checked="" type="checkbox"/> PVC | <input type="checkbox"/> ABS | <input type="checkbox"/> Asbestos-Cement | <input type="checkbox"/> 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 35 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>30</u> |

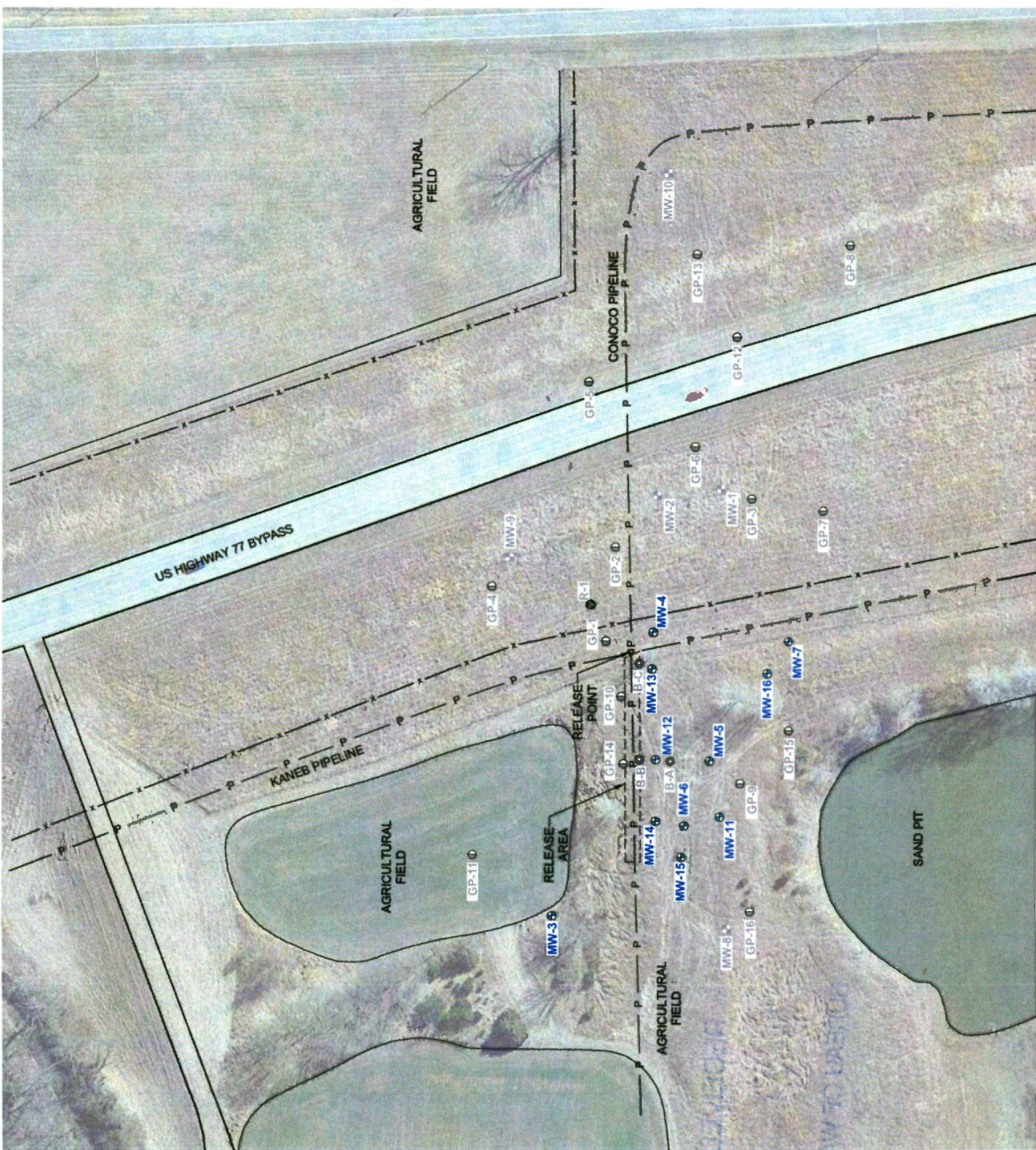
| FROM | TO | PLUGGING MATERIALS | FROM | TO | PLUGGING MATERIALS |
|----------|-----------|--------------------|------|----|--------------------|
| <u>0</u> | <u>35</u> | <u>Bentonite</u> | | | |
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water 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) Pita MTE

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



Site Vicinity Plan

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

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

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