

County: Rice Fraction: NE NE NE Sec. 10 T. 20 S R. 8 W

**CORRECTION(S) to WATER WELL COMPLETION RECORD Form WWC-5 (to rectify lacking or incorrect information)**

Owner: Energy Transfer/Rose Rock Midstream Partners Monitoring Monitoring

If location corrected, was listed as:

Location changed to:

Section-Township-Range: \_\_\_\_\_

\_\_\_\_\_

Fraction (1/4 calls): \_\_\_\_\_

\_\_\_\_\_

Other changes: Initial statements: Well Monitoring Well ID MW-1

Changed to: Well Monitoring Well ID MW-12

Comments: Well Monitoring Well ID changed based on confusion found on Water Well Record.

Verification method: Confirmed via email by Well Record Business RAZEK Environmental LLC

Initials: RS Date: 08/11/2023

Submitted by:  Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3724  
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

# WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

MW-1

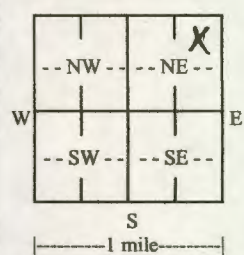
Original Record  Correction  Change in Well Use

Well ID

<b>1 LOCATION OF WATER WELL:</b> County: <u>Rice</u>	Fraction <u>1/4 NE 1/4 NE 1/4 NE 1/4</u>	Section Number <u>10</u>	Township Number <u>T 20 S</u>	Range Number <u>R 8</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: _____ First: _____ Business: <u>Energy Transfer/Rose Rock Midstream Partners</u> Address: <u>8801 S. Yale Ave, Ste. 310</u> Address: _____ City: <u>Tulsa</u> State: <u>OK</u> ZIP: <u>74137</u>	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"/> <u>SW Corner of Avenue N and 17th Street Lyons, KS 67554</u>
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**3 LOCATE WELL WITH "X" IN SECTION BOX:**  
N



**4 DEPTH OF COMPLETED WELL:** 49.5 ft.  
Depth(s) Groundwater Encountered: 1) 40 ft.  
2) \_\_\_\_\_ ft. 3) \_\_\_\_\_ ft., or 4)  Dry Well

WELL'S STATIC WATER LEVEL: 41.10 ft.  
 below land surface, measured on (mo-day-yr) 3-16-2023  
 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: 7.25 in. to 49.5 ft. and \_\_\_\_\_ in. to \_\_\_\_\_ ft.

**5 Latitude:** 38.332814 (decimal degrees)  
**Longitude:** -98.184717 (decimal degrees)  
Horizontal Datum:  WGS 84  NAD 83  NAD 27  
Source for Latitude/Longitude:  GPS (unit make/model: \_\_\_\_\_) (WAAS enabled?  Yes  No)  
 Land Survey  Topographic Map  
 Online Mapper: Google Earth

**6 Elevation:** 1690 ft.  Ground Level  TOC  
Source:  Land Survey  GPS  Topographic Map  
 Other Google Earth

**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 <u>MW-12</u> 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 2 in. to 29.5 ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
Casing height above land surface 34 in. Weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. Sch. 40

**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 29.5 ft. to 49.5 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
GRAVEL PACK INTERVALS: From 27 ft. to 49.5 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other Concrete 0-2 feet  
Grout Intervals: From 2.0 ft. to 27.0 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? Adjacent Distance from well? 0 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	10	light brown sand			
10	49.5	brown clay with caliche layers throughout			
Notes:					

**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) 3-16-2023 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo-day-year) 3/24/2023 under the business name of RAZEK Environmental, LLC Signature \_\_\_\_\_