

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

ELECTRONIC ANNUAL PIPELINE REPLACEMENT)	CASE NO.
PROGRAM FILING OF APACHE GAS)	2024-00167
TRANSMISSION COMPANY, INC.)	

**RESPONSES TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO APACHE GAS TRANSMISSION COMPANY, INC.
DATED SEPTEMBER 20, 2024**

Filed: October 11, 2024

APACHE GAS TRANSMISSION COMPANY, INC.
PSC CASE NO. 2024-00167
RESPONSE TO REQUEST FOR INFORMATION

PSC'S REQUEST FOR INFORMATION DATED 09/20/24

REQUEST 1

RESPONSIBLE PARTY: David Thomas Shirey, Jr.

Request 1. Refer to Apache's response to Commission Staff's First Request for Information (Staff's First Request), Item 4. Provide the current Maximum Allowed Operating Pressure (MAOP) for the high-density (black) 3-inch pipe and the proposed MAOP for the replacement high-density (black with a yellow stripe) 6-inch line.

Response 1.

Currently the Maximum Allowed Operating Pressure (MOAP) for the high-density (black) 3-inch is 100 psi. The proposed MOAP for the replacement high-density (black with a yellow stripe) 6' line is 100 psi.

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REQUEST 2

RESPONSIBLE PARTY: David Thomas Shirey, Jr.

Request 2. Refer to Apache's response to Staff's First Request, Item 4(c). Provide a report outlining the total length of the high-density (black) 3-inch pipe that is exposed or inadequately buried.

Response 2. The current combined length of the exposed or partially exposed high-density (black) 3-inch main is approximately twenty-eight feet. Please refer to the table below and the attached five maps for the approximate locations of each section contributing to this total.

At this point, the full extent of inadequately buried high-density (black) 3-inch pipe is unknown without excavation. However, we have ordered a PinPointR GPR Cart (Impulse Radar), which should help determine the pipe's depth without the need for tracer wire or excavation. This equipment is scheduled for delivery to our Burkesville office later this month.

Exposed Pipe Location #	Amount of Feet Exposed
1	1.5
2	2
3	2
4	3
5	2
6	2
7	2
8	2
9	1
10	1.5
11	1.5
12	2.5
13	2.5
14	2
Total	27.5

Apache Gas Transmission

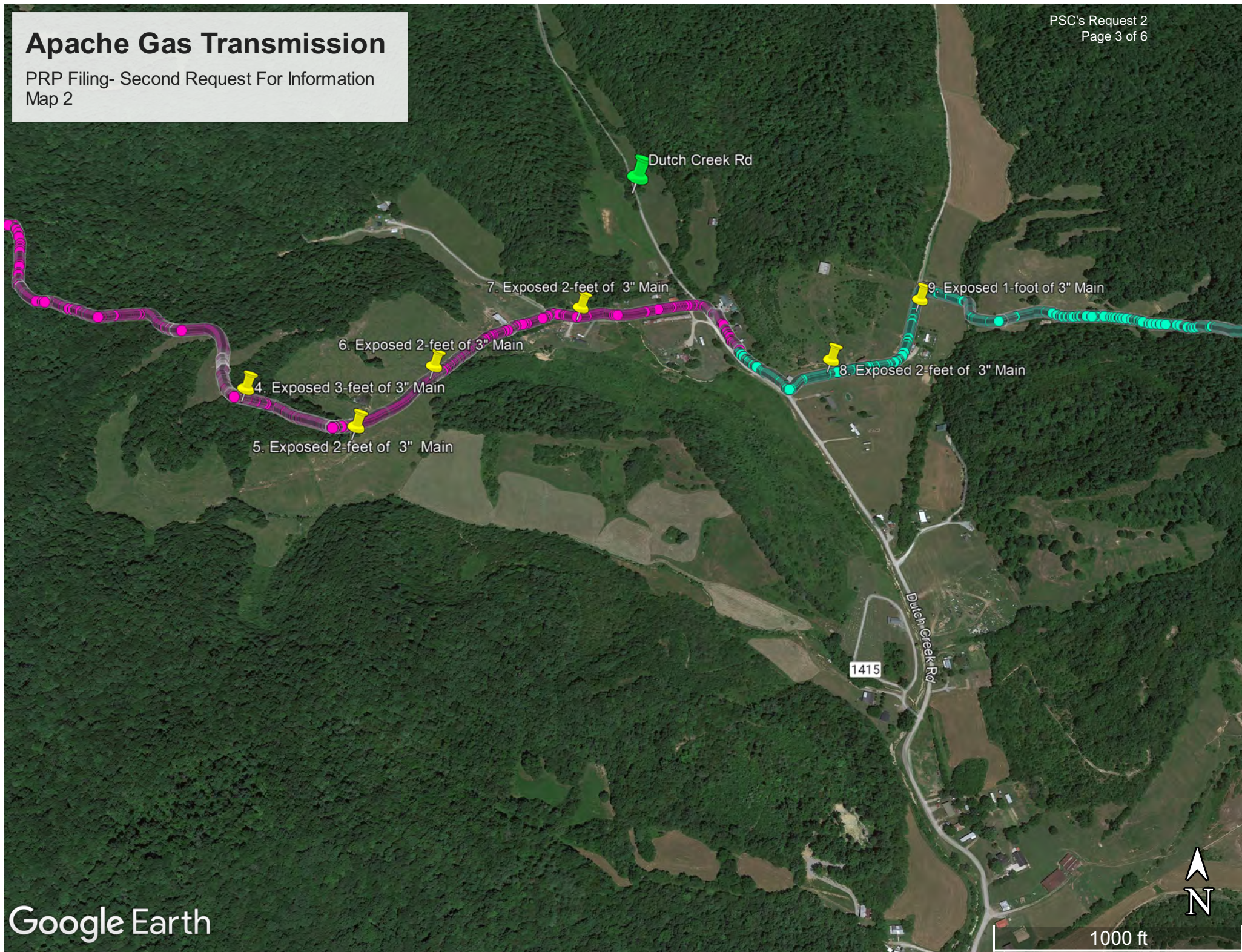
PRP Filing- Second Request For Information
Map 1

Spoon Branch Road - East of Marrowbone

- 1. Exposed 1.5 Feet of 3" Main
- 2. Exposed 2 Feet of 3" Main
- 3. Exposed 2-feet of 3" Main

Apache Gas Transmission

PRP Filing- Second Request For Information
Map 2



Apache Gas Transmission

PRP Filing- Second Request For Information
Map 3

10. Exposed 1.5-feet of 3" Main



Apache Gas Transmission

PRP Filing- Second Request For Information
Map 4



11. Exposed 1.5 -feet of 3" Main



Apache Gas Transmission

PRP Filing- Second Request For Information
Map 5



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REQUEST 3

RESPONSIBLE PARTY: David Thomas Shirey, Jr.

Request 3. Refer to Apache's response to Staff's First Request, Item 5, regarding the potential restriction of flow attributed to the current high-density (black) 3- inch pipe.

a. Provide specific incidents of flow restrictions and the cause(s) for each.

b. Provide detailed records of any service disruptions related to the high-density (black) 3-inch pipeline in the last five years.

Response 3a.

The following are selected service disruptions related to the high-density (black) 3-inch pipeline.

- During the week from December 19, 2022, to December 27, 2022, due to extremely cold weather, the Burkesville Gas Company's gas system pressure reading at the office recording pressure meter indicated that the system pressure dropped to 22 psi.
- During the week from January 20, 2020, to January 27, 2020, due to extremely cold weather, the Burkesville Gas Company's gas system pressure reading at the office recording pressure meter indicated that the system pressure dropped multiple times from 30 to as low as 24 psi.

- During the week from February 15, 2021, to February 22, 2022, due to extremely cold weather, the Burkesville Gas Company's gas system pressure reading at the office recording pressure meter indicated that the system pressure dropped multiple times from 29 psi to as low as 19 psi.
- During the week from February 10, 2020, to February 17, 2020, due to extremely cold weather, the Burkesville Gas Company's gas system pressure reading at the office recording pressure meter indicated that the system pressure dropped multiple times from 36 psi to as low as 34 psi.

Response 3b. There have been no service interruptions for more than 4 hours in the last 5 years.

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REQUEST 4

RESPONSIBLE PARTY: David Thomas Shirey, Jr.

Request 4. Provide a detailed report of leak date form the last five years, including:

- a. Records of any current leaks;
- b. Detailed incident reports and repairs conducted; and
- c. And leaks due to excavation damage.

Response 4a. There are no known current leaks.

Response 4b. Since this question is not limited to the 3-inch sections, this response includes Apache's entire gas system.

1. On March 20, 2020, a leak was found and repaired on the 6" section of line about 850 feet south of the intersection of Highway 90 and Gray Gap Road in the Marrowbone area. It appeared that a rock on the bottom side of the buried pipe had over time caused a crack on the bottom side of the 6" main line. This was repaired with no loss of service to customers.
2. On August 31, 2020, there was an excavation damage on the 6" section of line about 1,050 feet south of the intersection of Highway 90 and Paduerson Road in the Marrowbone area. This was repaired with no loss of service to customers.
3. On March 20, 2023, there was a leak discovered and repaired near 253 Park Road #2 in Marrowbone on a section of the 6" main near a T joint on the 6" main line to a 4" line.

Since the 4" line was not being utilized it was removed and capped at the joint. This was repaired with no loss of service to customers.

4. On April 17, 2024, was a leak discovered and repaired on a section of a 3" mainline in a very remote area about 2,250 feet east of the intersection of Dutch Creek Road and Robert Smith Road roughly halfway between Marrowbone and Burkesville. It appeared that a metal strap that was used to bind a roll of 3" pipe for shipping had cut into the main and over time caused a crack in the 3" main. This was repaired with no loss of service to customers.

Response 4c. See Response 4b (2)

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REQUEST 5

RESPONSIBLE PARTY: David Thomas Shirey, Jr.

Request 5. Provide the most current annual estimates of gas loss due to leaks or inefficiencies on the Apache gas system.

Response 5. Based on my most recent year-end estimate, gas loss due to leaks or inefficiencies on the Apache gas system is projected to be less than 2% of the annual gas flow.

This equates to approximately 800 Mcf, assuming an annual flow of 40,000 Mcf.