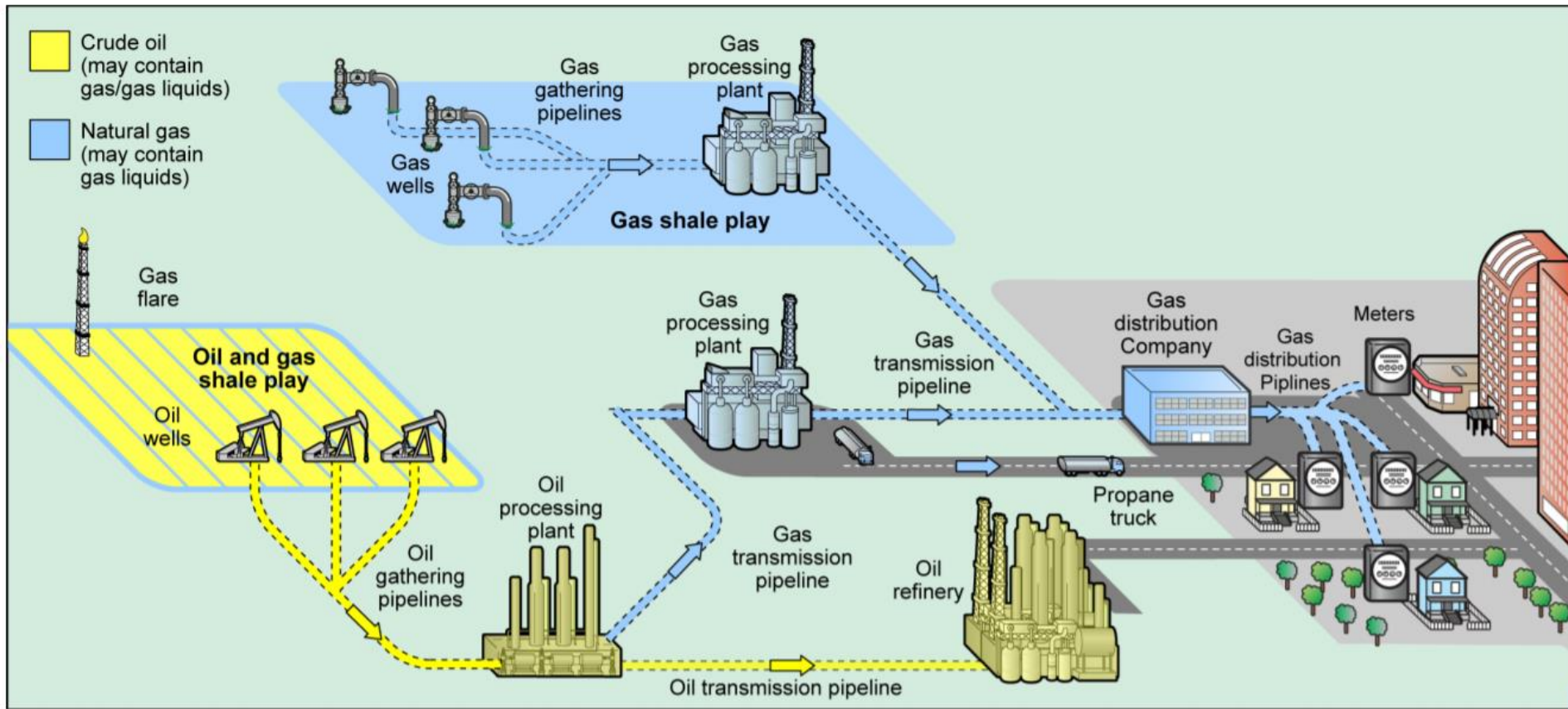


Gathering Final Rule



Source: GAO. | GAO-17-639

Note: Oil products are also transmitted from the refinery through transmission pipelines to storage tanks and other facilities not depicted in this figure.



Overview

- Gathering transports gas from production facilities to a transmission line or distribution main.
- The start and end points of gathering is defined in API RP 80 and § 192.8.
- Existing Regulated Gathering:
 - Type A: High Pressure Class 2-4
 - Type B: Low-pressure Class 2-4
- Class 1 gathering is currently exempt from parts 191 and 192.



NPRM; 4/16/2016

- All gas gathering lines subject to Annual reports and Incident reports – approx. 425,000 miles impacted
- Changes in Definitions; Move away from RP80
- New category of regulated gathering lines
 - Criteria:
 - Class 1
 - Diameter 8” or greater
 - High-pressure
 - Metallic with MAOP >20% of SMYS
 - Non-metallic MAOP > 125 psi
- Approximately 90,000 miles affected.

3



Requirements: NPRM

- Design, construction, initial inspection, initial testing for transmission lines
 - Corrosion control (subpart I)
 - Damage prevention (§ 192.614)
 - Public awareness (§ 192.616)
 - MAOP determination (§ 192.619)
 - Line markers (§ 192.707)
 - Leakage surveys using leak detection equipment (§ 192.706)
- Emergency Plans (§ 192.615) – GAO rec.



Bottom Line Up Front

This Final Rule (11/15/2021) will accomplish the following:

- Subject all gas gathering lines, including previously unregulated lines, to our annual and incident reporting requirements (over 425,000 miles of pipe).
- Limit the use of the incidental gathering line exception to lines 10 miles or less. No other definitional changes adopted.
- Previously-unregulated gathering pipelines (SMYS >20%) now subject to safety standards:
 - 91,000 additional miles of pipe subject to damage prevention, and emergency planning requirements.
 - 20,000 additional miles of pipe subject to public awareness, line marker, corrosion control and leak survey requirements.
 - 14,000 additional miles of pipe subject to MAOP requirements.
 - All new and replaced pipe 8 inches or greater will have to be constructed in accordance with the current pipeline safety regulations.



Compliance Dates

- Publication Date: 11/15/2021
- Effective Date: May 16, 2022
- Reporting
 - Incident Reports: Report events occurring after May 16, 2022
 - Annual Reports: 2022 reports due March 2023
- Identify Type C lines: November 16, 2022
- Section 192.9 compliance: May 16, 2023
- MAOP lookback: 5-year period ending May 16, 2023



Provision	Scope	Estimated Mileage
Reporting (incident, annual) Part 191	All gathering	>400,000 miles
Design, Construction, initial Inspection and Testing*	All new and replaced Type C (diameter \geq 8.625")	New and replaced only
Damage Prevention § 192.614	All Type C (diameter \geq 8.625")	90,863 miles
Emergency Plans § 192.615	All Type C (diameter \geq 8.625")	90,863 miles
Public Awareness § 192.616	Diameter 8.625" through 16" with a PIR exception All Type C with a diameter >16"	20,336 miles
Line Markers § 192.707	Diameter 8.625" through 16" with a PIR exception All Type C with a diameter >16"	20,336 miles
Corrosion Control Subpart I to part 192	Diameter 8.625" through 16" with a PIR exception All Type C with a diameter >16"	20,336 miles
Leakage Surveys and Repairs §§ 192.703, 192.706	Diameter 8.625" through 16" with a PIR exception All Type C with a diameter >16"	20,336 miles
Maximum Allowable Operating Pressure § 192.619	Diameter >12.75" through 16" with a PIR exception All Type C with a diameter >16"	13,760 miles
Plastic Pipe Requirements	Diameter >12.75" through 16" with a PIR exception All Type C with a diameter >16"	13,760 miles



Summary of Type C Requirements

Criteria	Type C requirements (cumulative)
Diameter equal to greater than 8.625 inches 90,000 miles	<ul style="list-style-type: none"> -Damage prevention § 192.614 -Emergency Plans § 192.615 - New/replaced - <u>Design, installation, construction, inspection, and testing requirements*</u>
Diameter 8.625 inches through 12.75 inches with a PIR exception: 20,000 miles	<p>The above and:</p> <ul style="list-style-type: none"> -Public Awareness § 192.616 -Line Markers § 192.707 -Corrosion control (subpart I - Leakage surveys (192.706)
<p>Diameter > 12.75 inches through 16 inches with a PIR exception, or Diameter > 16 inches</p> <p>14,000 miles</p>	<p>The above and:</p> <ul style="list-style-type: none"> -Plastic pipe requirements -Establish maximum allowable operating pressure (MAOP, § 192.619)

* Allowance created for composite pipe and short segment replacements.

