

Department of Natural Resources, Office of Conservation, LR 38:122 (January 2012), LR 44:1044 (June 2018), LR 46:1600 (November 2020), LR 49:1110 (June 2023), LR 50:1261 (September 2024), amended by the Department of Conservation and Energy, Office of Enforcement, LR 51:1837 (November 2025).

**§3335. What Additional Preventive and Mitigative Measures Must an Operator Take?**  
**[49 CFR 192.935]**

A. General Requirements. An operator must take additional measures beyond those already required by this Subpart to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area. An operator must base the additional measures on the threats the operator has identified to each pipeline segment (see §3317). An operator must conduct, in accordance with one of the risk assessment approaches in ASME B31.8S (incorporated by reference, see §507), Section 5, a risk analysis of its pipeline to identify additional measures to protect the high consequence area and enhance public safety. Such additional measures include, but are not limited to, installing automatic shut-off valves or remote control valves, installing computerized monitoring and leak detection systems, replacing pipe segments with pipe of heavier wall thickness, providing additional training to personnel on response procedures, conducting drills with local emergency responders and implementing additional inspection and maintenance programs [49 CFR 192.935(a)].

A.1. - B.1.c. ...

d. monitoring of excavations conducted on covered pipeline segments by pipeline personnel. If an operator finds physical evidence of encroachment involving excavation that the operator did not monitor near a covered segment, an operator must either excavate the area near the encroachment or conduct an above ground survey using methods defined in NACE SP0502 (incorporated by reference, see §507). An operator must excavate, and remediate, in accordance with ANSI B31.8S and §3333 any indication of coating holidays or discontinuity warranting direct examination [49 CFR 192.935(b)(1)(iv)].

B.2. - F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:501 et seq.

HISTORICAL NOTE: Promulgated by the Department of Natural Resources, Office of Conservation, Pipeline Division, LR 30:1282 (June 2004), amended LR 31:688 (March 2005), LR 33:485 (March 2007), amended by the Department of Natural Resources, Office of Conservation, LR 38:122 (January 2012), LR 44:1044 (June 2018), LR 46:1600 (November 2020), LR 49:1110 (June 2023), LR 50:1263 (September 2024), amended by the Department of Conservation and Energy, Office of Enforcement, LR 51:1838 (November 2025).

**§3337. What Is a Continual Process of Evaluation and Assessment to Maintain a Pipeline's Integrity?**  
**[49 CFR 192.937]**

A. - C.1.c. ...

2. pressure test conducted in accordance with Chapter 23 of this Subpart. The use of pressure testing is appropriate for threats such as: Internal corrosion; external corrosion and other environmentally assisted corrosion mechanisms; manufacturing and related defects threats, including defective pipe and pipe seams; stress corrosion cracking; selective seam

weld corrosion; dents; and other forms of mechanical damage. An operator must use the test pressures specified in table 3 of section 5 of ASME B31.8S (incorporated by reference, see §507) to justify an extended reassessment interval in accordance with § 3339; [49 CFR 192.937(c)(2)]

C.3. - D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:501 et seq.

HISTORICAL NOTE: Promulgated by the Department of Natural Resources, Office of Conservation, Pipeline Division, LR 30:1283 (June 2004), amended LR 31:688 (March 2005), LR 33:486 (March 2007), LR 47:1600 (November 2020), amended by the Department of Conservation and Energy, Office of Enforcement, LR 51:1838 (November 2025).

**Chapter 51. Appendices**

**§5103. Appendix B—Qualification of Pipe**

**I. Listed Pipe Specifications**

A. Listed Pipe Specifications

1. API Spec 5L—Steel pipe, “Line Pipe” (incorporated by reference, see § 507).

I.A.2. - III.C.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:501 et seq.

HISTORICAL NOTE: Promulgated by the Department of Natural Resources, Office of Conservation, Pipeline Division, LR 10:541 (July 1984), amended LR 18:859 (August 1992), LR 27:1551, 1552 (September 2001), LR 30:1287 (June 2004), LR 31:689 (March 2005), LR 33:487 (March 2007), LR 35:2813 (December 2009), amended by the Department of Natural Resources, Office of Conservation, LR 38:125 (January 2012), LR 44:1045 (June 2018), LR 46:1601 (November 2020), repromulgated LR 47:1148 (August 2021), amended by the Department of Conservation and Energy, Office of Enforcement, LR 51:1838 (November 2025).

Steven M. Giambrone  
Commissioner

2511#039

**RULE**

**Department of Conservation and Energy  
Office of Permitting and Compliance**

**Unconventional Reservoir Development  
(LAC 43:XIX.Chapter 43)**

In accordance with the provisions of the Administrative Procedure Act (R.S. 49:950, et seq) and Title 30 of the Louisiana Revised Statutes of 1950 (R.S. 30:4 et seq.), the Department of Conservation and Energy hereby amends LAC 43:XIX Subpart 18 (Statewide Order No. 29-S) Chapter 43 to include provisions for uniform development of the Haynesville Shale. Benefits of these amendments include maximizing production by sanctioning longer laterals and allowing more efficient surface and subsurface well placement while ensuring protection of correlative rights. The amendment also simplifies the application process for surface commingling required by cross-unit and unit line well development. This Rule is hereby adopted on the day of promulgation.

## Title 43

### NATURAL RESOURCES

#### Part XIX. Office of Conservation—General Operations

##### Subpart 18. Statewide Order No. 29-S

#### Chapter 43. Unconventional Reservoir Development

##### §4301. Scope

A. This Statewide Order provides rules and regulations governing the drilling of horizontal wells in unconventional reservoirs in the state of Louisiana.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:1 et seq.

HISTORICAL NOTE: Promulgated by the Department of Natural Resources, Office of Conservation, LR 24:102 (January 1998), amended by the Department of Conservation and Energy, Office of Permitting and Compliance, LR 51:1839 (November 2025).

##### §4303. Definitions

A. Unless the context otherwise requires, the words defined in §4303 shall have the following meaning when found in this Statewide Order.

*Completed Interval*—perforated or open hole section(s) within a well that will permit the flow of fluids from the reservoir.

*Cross-Unit Well*—a well with a completed interval in adjacent units.

*First Take Point*—the perforation within the defined reservoir that is closest to the vertical section of a cased and cemented wellbore or the penetration point of the defined reservoir in an open-hole wellbore.

*Horizontal Well*—a well with the wellbore drilled laterally at an angle of at least 80 degrees to the vertical and with a horizontal displacement of at least 50 feet in the target formation measured from the initial point of penetration into the target formation.

*Last Take Point*—the perforation within the defined reservoir that is closest to the end of a cased and cemented wellbore or the exit point of the defined reservoir or terminus within the defined reservoir in an open-hole wellbore.

*Unconventional Reservoir*—oil and gas accumulations with very low permeability typically requiring development using horizontal wells and/or high-volume hydraulic fracturing methods for extraction.

*Unit Line Units*—adjacent units that are developed by a unit line well.

*Unit Line Well*—a well with at least 500 feet of completed interval, exclusive of the first take point and last take point, that is located within 330 feet of a unit boundary measured along a line perpendicular to the completed interval or to the tangent thereof.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:1 et seq.

HISTORICAL NOTE: Promulgated by the Department of Natural Resources, Office of Conservation, LR 24:102 (January 1998), amended by the Department of Conservation and Energy, Office of Permitting and Compliance, LR 51:1839 (November 2025).

##### §4305. Austin Chalk

A. - A.8. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:1 et seq.

HISTORICAL NOTE: Promulgated by Department of Natural Resources, Office of Conservation, LR 24:102 (January 1998), amended by the Department of Conservation and Energy, Office of Permitting and Compliance, LR 51:1839 (November 2025).

##### §4307. Haynesville Shale

A. From and after the effective date hereof, the following special rules shall apply to development of the Haynesville Shale Formation in the State of Louisiana employing the use of horizontal wells. The setback provisions contained herein shall supersede those contained in any Field Orders adopted prior to the effective date hereof, other than provisions which authorized exceptional well locations. Nothing herein shall prevent operators from obtaining exceptions to these rules for due cause after notice and hearing.

###### 1. Setbacks

a. The distance from any point in the completed interval to any outer boundary of the unit, measured along a line perpendicular to the completed interval or to the tangent thereof, shall be a minimum of 330 feet.

b. The first and last take point of a horizontal well shall be no closer than 100 feet to any unit boundary unless the well is an authorized Cross-Unit Well.

###### 2. Cross-Unit Wells

a. The party who owns or controls the majority working interest in the drilling units proposed for cross-unit development may obtain approval to drill cross-unit wells only after a 30-day notice public hearing. Such ownership or control shall be based on sworn testimony at the public hearing which authorizes the cross-unit wells.

b. Setback provisions of LAC 43:XIX.4307.1 do not apply to the common unit boundaries that are crossed by a cross-unit well.

c. A proposed cross-unit well that has less than 500 feet of perforated lateral in a unit may only be authorized if:

i. The pre-application notice and hearing application expressly set forth the right to object to the application; and

ii. There is no timely objection filed by an interested owner, interested party, or represented party as defined in LAC 43:XIX.3903, other than a mineral lessee, which owns an interest in the unit(s) with less than 500 feet of perforated lateral and, on the date of the application hearing, the short unit either is not producing or is producing only from one or more horizontal laterals with a combined length of perforated lateral less than five hundred feet.

d. Production from a cross-unit well shall be allocated to each unit in the same proportion as length of the completed interval located in each unit determined by an as-drilled survey.

e. Surface commingling of gas produced from cross-unit wells is authorized without further notice or application in exception to the requirements of LAC 43:XIX Chapter 15, provided that operators adhere to the following requirements:

i. All individual well production shall be metered for allocation purposes in accordance with the American Petroleum Institute (API) Manual of Petroleum Measurement Standards, Chapter 20, Allocation Measurement; and

ii. Allocation meters shall be calibrated on at least a quarterly basis;

iii. Within 90 days of initiating commingled production, a diagrammatic sketch of the mechanical installation along with a detailed explanation of gas flow, the procedures and frequency for calibration/proving of metering devices and the complete allocation formula to be utilized must be filed.

f. Supplemental production reports for each cross-unit well must be filed on a monthly basis.

3. Unit Line Wells

a. The party who owns or controls the majority working interest in the drilling units proposed for unit line well development may obtain approval to drill unit line wells only after a 30-day notice public hearing. Such ownership or control shall be based on sworn testimony at the public hearing which authorizes the unit line wells.

b. Setback provisions of LAC 43:XIX.4307.1 do not apply to the nearest unit boundary that is parallel to the completed interval of the unit line well.

c. Production from a unit line well should be allocated equally to each unit line unit in the same proportion as the length of the completed interval located within 330 feet of the common unit boundary determined by an as-drilled survey.

d. Surface commingling of gas produced from unit line wells is authorized without further notice or application in exception to the requirements of LAC 43:XIX Chapter 15, provided that operators adhere to the requirements of LAC 43:XIX.4307.2.e.i-iii.

e. Supplemental production reports for each unit line well must be filed on a monthly basis.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:1 et seq.

HISTORICAL NOTE: Promulgated by Department of Conservation and Energy, Office of Permitting and Compliance, LR 51:1839 (November 2025).

Dustin Davidson  
Secretary

2511#045

**RULE**

**Department of Environmental Quality  
Office of the Secretary  
Legal Affairs Division**

2025 Annual Incorporation by Reference of  
Certain Federal Air Quality Regulations  
(LAC 33:III.Chapters 5-59) (AQ405ft)

Under the authority of the Environmental Quality Act, R.S. 30:2001 et seq., and in accordance with the provisions of the Administrative Procedure Act, R.S. 49:950 et seq., the secretary has amended the Air regulations, LAC 33:III.505, 507, 2160, 3003, 5116, 5122, 5311, and 5901 (Log #AQ405ft).

The Rule is identical to federal regulations found in 40 CFR Parts 60, 61, 63, 68, and 72 as well as 40 CFR 70.6(a) and 40 CFR 51, Appendix M, which are applicable in Louisiana. For more information regarding the federal requirement, contact William Little at (225) 219-3985. No fiscal or economic impact will result from the Rule. The Rule will be promulgated in accordance with the procedures in R.S. 49:963(B)(3) and (4).

The Rule incorporates by reference 40 CFR Parts 60, 61, 63, 68, and 72 as well as 40 CFR 70.6(a) and 40 CFR 51, Appendix M in order to remain equivalent to federal air quality regulations. The Rule is necessary to maintain LDEQ's authority to implement, administer, and enforce standards

delegated to Louisiana by the Environmental Protection Agency. The basis and rationale for the Rule are to mirror federal regulations as they apply to affected sources in Louisiana. The Rule meets an exception listed in R.S. 30:2019(D)(2) and R.S. 49:953(G)(3); therefore, no report regarding environmental/health benefits and social/economic costs is required. This Rule is hereby adopted on the day of promulgation.

**Title 33**

**ENVIRONMENTAL QUALITY**

**Part III. Air**

**Chapter 5. Permit Procedures**

**§505. Acid Rain Program Permitting Requirements**

A. The Acid Rain Program regulations, published in the *Code of Federal Regulations* at 40 CFR part 72, July 1, 2025, are hereby incorporated by reference.

B. - C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993), LR 21:678 (July 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2446 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2429, 2436 (October 2005), LR 32:1598 (September 2006), LR 33:2083 (October 2007), amended by the Office of the Secretary, Legal Affairs and Criminal Investigations Division, LR 44:746 (April 2018), LR 46:893 (July 2020), LR 47:355 (March 2021), LR 48:488 (March 2022), amended by the Office of the Secretary, Legal Affairs Division, LR 51:1840 (November 2025).

**§507. Part 70 Operating Permits Program**

A. - B.1. ...

2. No part 70 source may operate after the time that the owner or operator of such source is required to submit a permit application under Subsection C of this Section, unless an application has been submitted by the submittal deadline and such application provides information addressing all applicable sections of the application form and has been certified as complete in accordance with LAC 33:III.517.B.1. No part 70 source may operate after the deadline provided for supplying additional information requested by the permitting authority under LAC 33:III.519, unless such additional information has been submitted within the time specified by the permitting authority. Permits issued to the part 70 source under this Section shall include the elements required by 40 CFR 70.6. The department hereby adopts and incorporates by reference the provisions of 40 CFR 70.6(a), July 1, 2025. Upon issuance of the permit, the part 70 source shall be operated in compliance with all terms and conditions of the permit. Noncompliance with any federally applicable term or condition of the permit shall constitute a violation of the Clean Air Act and shall be grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

C. - J. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011, 2023, 2024, and 2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division,