

MISSOURI

Administration

1. Agency regulating oil and gas exploration/production: [State Oil and Gas Council administered through the Geological Survey Program](#), P. O. Box 250, Rolla, MO 65402. Phone: (573) 368-2143.
2. Contact for regulatory updates: State Geologist, P. O. Box 250, Rolla, MO 65402. Phone: (573) 368-2100.
3. Docketing procedure: Public hearing held at such time and place as may be prescribed by the Council
 - a. Emergency orders: By [Chapter 259.140 RSMo](#). Council is authorized to issue an emergency order without hearing which shall be effective upon promulgation. Effective for no more than 15 days.
 - b. Notice: 10 days. State Oil and Gas Council. [Chapter 259.140 RSMo](#).
4. Agency regulating air emissions: [Missouri Department of Natural Resources, Division of Environmental Quality, Air Quality Program](#), P.O. Box 176, Jefferson City, MO 65102, Phone: 1-800-361-4827.
5. Agency regulating water quality: [Missouri Department of Natural Resources, Division of Environmental Quality, Water Protection Program](#), P.O. Box 176, Jefferson City, MO 65102, Phone: 1-800-361-4827.

License

1. License required: No.
2. Conditions of license: No.

Bond/Surety

1. Purpose of surety: To ensure proper plugging for abandonment of wells.
2. Plugging and restoration: Yes.
3. Compliance bond required: No.
4. Types of surety accepted: Surety Bond, Personal Bond, Letter of Credit.
5. Conditions of bond: [Form OGC-2](#). Bond is the obligation of the owner of producing well or wells or proposals to drill for oil or gas or for stratigraphic purposes.

- a. Amount per well: [10 CSR 50-2.020](#).

<u>Depth (ft.)</u>	<u>Amount</u>	<u>Depth (ft.)</u>	<u>Amount</u>
0- 500	\$1,000	2,001-5,000	\$4,000
501-1,000	2,000	5,001----	5,000
1,001-2,000	3,000		Plus \$1/ft. beyond 5,001

- b. Amount of blanket bond: [10 CSR 50-2.020](#).

<u>Depth (ft.)</u>	<u>Number of Unplugged</u>	
	<u>Amount</u>	<u>Wells/Bond</u>
0- 800	\$20,000	50
801-1,200	30,000	15

Land Leasing Information

NOTE - No regulations at this time.

1. Leasing method: Not required.
2. Notice method: Not required.
3. Minimum bidding \$ (per acre): Not required.
4. Qualification of the bidder: Not required.
5. State statutes: Not required.
6. Maximum acres: Not required.
7. Royalty rates: Not required.
8. Agency in control of leasing: Not required.

Setbacks

1. What rules/regulations/policies does your jurisdiction have in regard to well setbacks from private residences and/or other habitable structures for use by humans or animals? N/A
2. Are there other sources of information on this matter that you could identify? N/A

Spacing

1. Spacing requirements: Yes.
 - a. Density: [10 CSR 50-2.070](#)

Oil - 2.5 acres; may be exempted for oil pools as approved by State Geologist

Gas – 640 acres; may be excepted if less than 1500 feet deep to producing formation.

- b. Lineal: [10 CSR 50-2.070](#)

Oil well - 165 feet from lease boundary or property line.

Gas well - 234 feet from lease boundary or property line.

Noncommercial gas well – 165 from lease line.

- 2. Exceptions: Yes. [10 CSR 50-2.070](#).
 - a. Basis: To protect against offset drainage from wells drilled prior to enactment of Chapter 259 RSMo. and special project development.
 - b. Approval: Upon application to the State Geologist who is administrator. [10 CSR 50-2.070](#).

Pooling

- 1. Authority to establish voluntary: [10 CSR 50-2.040](#).
- 2. Authority to establish compulsory: [10 CSR 50-5.010](#).

Unitization

- 1. Compulsory unitization of all or part of a pool or common source of supply: Yes. [10 CSR 50-5.010](#).
- 2. Minimum percentage of voluntary agreement before approval of compulsory unitization: [Chapter 259.120 RSMo](#).
 - a. Working interest: 75%
 - b. Royalty interest: 75%

Drilling Permit

- 1. Permits required for:
 - a. Drilling a producing or service well: Yes. [10 CSR 50-2.030](#).
 - b. Seismic drilling: Not specifically stated under oil and gas law, may be required under water well regulations, [10CSR 23-6.010](#).

- c. Recompletion: Yes.
 - d. Plugging and abandoning: A form (not a permit) is required. [10 CSR 50-2.060](#).
2. Permit fee:
- a. Drilling: None
 - b. Seismic drilling: Not under oil and gas law, but may be required under water well regulations, [10 CSR 23-6.010](#).
 - c. Recompletion: None.
 - d. Plugging and abandoning: None.
3. Require filing report of work performed: Yes. [10 CSR 50-2.050](#). [OGC-5 Drilling Report](#).
4. Sundry notices used: No.

Vertical Deviation

1. Regulation requirement: No.
- a. When is a directional survey necessary: Never.
 - b. Filing of survey required: If taken by operator. [10 CSR 50-2.050](#).
 - c. Format of filing: None.

Casing and Tubing

1. Minimum amount required: [10 CSR 50-2.040](#).
- a. Surface casing: Yes.
 - b. Production casing: No.
2. Minimum amount of cement required:
- a. Surface casing: Yes to surface.
 - b. Production casing: As necessary to protect all water, oil or gas bearing strata, etc.
 - c. Setting time: Yes. Minimum 6 hours, maximum 24 hours depending on amount of CaCl₂.

3. Tubing requirements:

- a. Oil wells: No.
- b. Gas wells: No.

Hydraulic Fracturing

1. Permitting: No.

- a. Before drilling: No.
- b. Before fracing: Yes (included on well construction permit.)
- c. How long before: N/A

2. Reporting requirements: No.

- a. Where reported: N/A
- b. When reported: N/A

3. Source water requirements: N/A

4. Mechanical integrity: No.

- a. Cementing log required: No.
- b. Pressure testing: No.
- c. Pressure monitoring: No.
- d. Blowout preventer required: No.

5. Disposal of flowback fluids: No.

- a. Retaining pits: No.
- b. Tanks: No.
- c. Approved discharge to surface water: No.
- d. Underground injection: No.

6. Chemical disclosure requirement: No.

- a. Mandatory: No.
- b. Where disclosed: N/A

- c. When disclosed (pre-fracing, post-fracing, both): N/A
- d. Time limit to disclose: N/A
- e. Information required to be disclosed: No.
- f. Trade secret protection: N/A
- g. Required disclosure to health/emergency personnel: N/A

Underground Injection

1. Agencies that control the underground injection of fluid by well class: [Geological Survey Program](#), P. O. Box 250, Rolla, MO 65402. Phone: (573) 368-2143.

Completion

1. Completion report required: Yes, [10 CSR 50-2.050](#).
 - a. Time limit: 30 days.
 - b. Where submitted: State Geologist, P.O. Box 250, Rolla, MO 65402.
2. Well logs required to be filed: Yes, [10 CSR 50-2.050](#).
 - a. Time limit: 30 days
 - b. Where submitted: State Geologist, P.O. Box 250, Rolla, MO 65402.
 - c. Confidential time period: Yes, One year if requested.
 - d. Available for public use: Yes.
 - e. Log catalog available: No.
3. Multiple completion regulation: No.
 - a. Approval obtained: No.
4. Commingling in well bore: No.
 - a. Approval obtained: No.

Oil Production

1. Definition of an oil well: Crude petroleum oil and other hydrocarbons regardless of gravity which are produced at the wellhead in liquid form and the liquid hydrocarbons known as distillate or condensate recovered or extracted from gas

other than gas produced in association with oil and commonly known as casinghead gas. [10 CSR 50-1.030](#).

2. Potential tests required: No.
 - a. Time interval: No.
 - b. Witness required: No.
3. Maximum gas-oil ratio: No.
 - a. Provision for limiting gas-oil ratio: Yes. [Chapter 259.70 RSMo](#).
 - b. Exception to limiting gas-oil ratio: No.
4. Bottom-hole pressure test reports required: No.
 - a. Periodical bottom-hole pressure surveys: No.
5. Commingling oil in common facilities: No.
6. Measurement involving meters: No.
7. Production reports: [10 CSR 50-2.080](#).
 - a. By lease: Yes.
 - b. By well: Yes if requested.
 - c. Time limit: 30 days.

Gas Production

1. Definition of a gas well: All natural gas and all other fluid hydrocarbons, which are produced at the wellhead and not defined as oil. [10 CSR 50-1.030](#).
2. Pressure base Not Stated psia @ ___ degrees F.
3. Initial potential tests: No.
 - a. Time interval: No.
 - b. Witness required: No.
4. Bottom-hole pressure test reports required: No.
 - a. Periodical bottom-hole pressure surveys: No.
5. Commingling of gas in common facilities: No.

6. Measurement involving meters: No.
7. Production reports: [10 CSR 50-2.080](#).
 - a. By lease: Yes
 - b. By well: Yes, if requested
 - c. Time limits: 30 days