

# **FLORIDA**

## **Administration**

1. Agency regulating oil and gas exploration/production: Division of Water Resource Management, Florida Department of Environmental Protection, Oil and Gas Program, 2600 Blirstone Rd. / M.S. 3588, Tallahassee, FL 32399-2400.
2. Contact for regulatory updates: Dave Taylor, [david.m.taylor@dep.state.fl.us](mailto:david.m.taylor@dep.state.fl.us).
3. Docketing procedure: Hearings held on Department initiative by petition of a party of interest and after notice and publication (at least three weeks). Hearings held in office of Department unless otherwise designated. ([F.S. 377.31](#))
  - a. Emergency orders: Yes. Order effective for 90 days only or until public hearing on the issue.
  - b. Notice: Department must give minimum of three weeks public notice.
4. Agency regulating air emissions: [Division of Air Resource Management, Florida Department of Environmental Protection](#), Phone: (850) 717-9000.
5. Agency regulating water quality: [Bureau of Water Facilities Regulation, Dept of Environmental Protection](#), Phone: (850) 245-8600.

## **License**

1. License required:
2. Conditions of license:

## **Bond/Surety**

1. Purpose of surety: Plugging/Site Clean-up if operator goes bankrupt.
2. Plugging and restoration: Yes.
3. Compliance bond required: Yes.
4. Types of surety accepted: Bond, Letter of Credit, Cash or Asset Deposit, and Participation in Minerals Trust Fund (requires annual payments).
5. Conditions of bond:
  - a. Amount per well: \$50K for 0-9000 ft. \$100K for  $\geq$ 9001 ft. Double these amounts if well is successful and will be retained under an operating permit.

- b. Amount of blanket bond: \$1,000,000 (10 well limit).

#### Land Leasing Information

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

#### 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:
  - a. Density: 40 acres ( $\leq 7000$  ft) and 160 acres ( $> 7000$  ft) for oil wells and 640 acres for gas wells.
  - b. Lineal: Longest diagonal (of other than a square unit) may not exceed length of diagonal of a square of same size unit by more than 25% for both oil and gas wells.
2. Exceptions:
  - a. Basis: 10% of size of unit designated.
  - b. Approval: Director, Division of Water Resource Management, Florida Department of Environmental Protection.

#### Pooling

1. Authority to establish voluntary: Yes.

2. Authority to establish compulsory: Yes.

#### Unitization

1. Compulsory unitization of all or part of a pool or common source of supply: Yes.
2. Minimum percentage of voluntary agreement before approval of compulsory unitization:
  - a. Working interest: 75%
  - b. Royalty interest: 75%

#### Drilling Permit

1. Permits required for:
  - a. Drilling a producing or service well: Yes.
  - b. Seismic drilling: Yes. Permitting also required for Vibe, Gravity, and Magnetic surveys.
  - c. Recompletion: No, provided bhl meets original condition of permit.
  - d. Plugging and abandoning: Yes, prior approval is required, but no written permit is issued.
2. Permit fee:
  - a. Drilling: \$2,000.
  - b. Seismic drilling: \$500
  - c. Recompletion: None, provided bbl meets permit requirements. Drilling a new BHL outside of original drilling unit would require a new permit.
  - d. Plugging and abandoning: None.
3. Require filing report of work performed: Yes.
4. Sundry notices used:

#### Vertical Deviation

1. Regulation requirement:
  - a. When is a directional survey necessary: Intentional deviations in well or if sum of vertical surveys suggests a non- routine location (see [62c-26.004](#)), or if H<sub>2</sub>S is expected.

- b. Filing of survey required: Yes.
- c. Format of filing: Directional report including coordinates per depth, well trace, and cross section.

### Casing and Tubing

- 1. Minimum amount required:
  - a. Surface casing: Set below deepest underground source of drinking water.
  - b. Production casing: N/A
- 2. Minimum amount of cement required:
  - a. Surface casing: Cemented to surface.
  - b. Production casing: Sufficient quantity of cement to fill the annular space at least 1,500 feet above the uppermost producible hydrocarbon zone.
  - c. Setting time: After cementing, drilling shall be discontinued for 12 hours if float valves are used; 24 hours if such valves are not used or do not hold pressure.
- 3. Tubing requirements:
  - a. Oil wells: Yes.
  - b. Gas wells: Yes.

### Hydraulic Fracturing

- 1. Permitting: Not in current regulations. Reviewed on case by case basis. Fracing generally not practiced in Florida. All commercial oil/gas reservoirs are in limestone/dolomite.
  - a. Before drilling:
  - b. Before fracing:
  - c. How long before:
- 2. Reporting requirements:
  - a. Where reported:
  - b. When reported:
- 3. Source water requirements:

4. Mechanical integrity:
  - a. Cementing log required:
  - b. Pressure testing:
  - c. Pressure monitoring:
  - d. Blowout preventer required:
5. Disposal of flowback fluids:
  - a. Retaining pits:
  - b. Tanks:
  - c. Approved discharge to surface water:
  - d. Underground injection:
6. Chemical disclosure requirement:
  - a. Mandatory:
  - b. Where disclosed:
  - c. When disclosed (pre-fracing, post-fracing, both):
  - d. Time limit to disclose:
  - e. Information required to be disclosed:
  - f. Trade secret protection:
  - g. Required disclosure to health/emergency personnel:

#### Underground Injection

1. Agencies that control the underground injection of fluid by well class:

Class II: Regulated by both EPA Atlanta and Florida Department of Environmental Protection, Oil & Gas Section.

Other Classes: Regulated by UIC Section, Florida Department of Environmental Protection, Phone: (850) 245-8655.

#### Completion

1. Completion report required:

- a. Time limit: 30 days.
  - b. Where submitted: Oil & Gas Section Office in Tallahassee.
2. Well logs required to be filed:
- a. Time limit: 30 days.
  - b. Where submitted: Oil & Gas Section Office in Tallahassee.
  - c. Confidential time period: 1 year.
  - d. Available for public use: After 1 year.
  - e. Log catalog available: Yes, and most logs are also available digitally.
3. Multiple completion regulation: Yes, One permit per surface hole.
- a. Approval obtained: As part of drilling permit. Bottom hole targets can be changed with approval of Department field inspectors.
4. Commingling in well bore: No.
- a. Approval obtained: N/A

#### Oil Production

1. Definition of an oil well: None.
- a. Potential tests required: MIT, BOP
  - b. Time interval: BOP: Weekly. MIT: 5yr (production wells), 2 yr (Class II wells)
  - c. Witness required: Not required, but encouraged.
2. Maximum gas-oil ratio: 2,000 cubic feet of gas to 1 Bbl of oil.
- a. Provision for limiting gas-oil ratio: Yes. Any well producing more than 2,000 GOR reduced to daily oil allowable x 2,000 divided by GOR.
  - b. Exception to limiting gas-oil ratio: No.
3. Bottom-hole pressure test reports required: Yes.
- a. Periodical bottom-hole pressure surveys: Yes.
4. Commingling oil in common facilities: Yes, if field is unitized or meters are utilized prior to commingling.

5. Measurement involving meters: Yes.
6. Production reports:
  - a. By lease: No.
  - b. By well: Yes.
  - c. Time limit: 30 days.

#### Gas Production

1. Definition of a gas well: None.
2. Pressure base 14.65 psia @ 60 degrees F.
3. Initial potential tests: Yes. (No gas wells in Florida.)
  - a. Time interval: Five days.
  - b. Witness required: They may be witnessed.
4. Bottom-hole pressure test reports required: Yes.
  - a. Periodical bottom-hole pressure surveys: Yes.
5. Commingling of gas in common facilities: Yes, if field is unitized or meters are utilized prior to commingling.
6. Measurement involving meters: Yes.
7. Production reports:
  - a. By lease: No.
  - b. By well: Yes.
  - c. Time limits: 30 days.