

## NEWFOUNDLAND & LABRADOR ONSHORE

### Administration

1. Agency regulating oil and gas exploration/production: [Department of Natural Resources, Government of Newfoundland and Labrador](#), P. O. Box 8700, St. John's, Newfoundland, Canada A1B 4J6. Phone: (709) 729-2920; Fax: (709) 729-0059.
2. Contact for regulatory updates: Fred Allen, Director, Regulatory Affairs. Phone: (709) 729-2778.
3. Docketing procedure:
  - a. Emergency orders: [Petroleum Drilling Regulations](#).
  - b. Notice: [Petroleum Drilling Regulations](#).
4. Agency regulating air emissions: [Dept. of Environment and Conservation, Government of Newfoundland and Labrador](#).
5. Agency regulating water quality: [Dept. of Environment and Conservation, Government of Newfoundland and Labrador](#).

### License

1. License required: Exploration Permit.
2. Conditions of license: [Petroleum Regulations, Section 24](#).

### Bond/Surety

1. Purpose of surety: [Petroleum Drilling Regulations, Section 14\(a\) and 14\(b\)](#).
2. Plugging and restoration: [Petroleum Drilling Regulations, Section 14\(a\) and 14\(b\)](#).
3. Compliance bond required: [Petroleum Drilling Regulations, Section 14\(a\) and 14\(b\)](#).
4. Types of surety accepted: [Petroleum Drilling Regulations, Section 14\(a\) and 14\(b\)](#).
5. Conditions of bond:

- a. Amount per well: Determined on well by well basis; irrevocable Letter of Credit or cash deposit.
- b. Amount of blanket bond: Cdn. \$10 million operators extra expense insurance.

#### Land Leasing Information

1. Leasing method: Work commitment (or as noted by the Minister in Request for Bids.)
2. Notice method: Request for Bids. Published in newspapers and by press release.
3. Minimum bidding \$ (per acre): None (or as noted by the Minister in Request for Bids.)
4. Qualification of the bidder: As noted in Request for Bids (Deposit of 20% of work commitment.)
5. State statutes: [\*Petroleum and Natural Gas Act\*](#), [\*Petroleum Regulations\*](#).
6. Maximum acres: 40,000 ha.
7. Royalty rates: [\*Royalty Regulations\*](#).
8. Agency in control of leasing: [Department of Natural Resources, Petroleum Resource Development Division](#).

#### Setbacks

1. What rules/regulations/policies does your jurisdiction have regarding 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: Not applicable; based on approved development plan.
  - b. Lineal: Not applicable; based on approved development plan.

2. Exceptions
  - a. Basis: Under review.
  - b. Approval: Under review.

#### Pooling

1. Authority to establish voluntary: [Petroleum Regulations](#). As per approved development plan.
2. Authority to establish compulsory: N/A

#### Unitization

1. Compulsory unitization of all or part of a pool or common source of supply: As per approved development plan.
2. Minimum percentage of voluntary agreement before approval of compulsory unitization:
  - a. Working interest: As per approved development plan.
  - b. Royalty interest: As per approved development plan.

#### Drilling Permit

1. Permits required for:
  - a. Drilling a producing or service well: [Petroleum Drilling Regulations](#) – Drilling Program approval; Authority to Drill a Well. [Petroleum Regulations](#) “Permittee has right to....drill and test for petroleum”.
  - b. Seismic drilling: *Exploration Survey Regulations*.
  - c. Recompletion: [Petroleum Drilling Regulations](#).
  - d. Plugging and abandoning: [Petroleum Drilling Regulations](#).
2. Permit fee:

- a. Drilling: \$1000 issuance fee for Exploration Permit.
  - b. Seismic drilling: \$100 per seismic exploration survey license.
  - c. Recompletion: None.
  - d. Plugging and abandoning: None.
3. Require filing report of work performed: Yes.
  4. Sundry notices used: N/A

#### Vertical Deviation

1. Regulation requirement:
  - a. When is a directional survey necessary: During the drilling of a well at intervals not exceeding 150 m.
  - b. Filing of survey required: Yes.
  - c. Format of filing: Telex, telegram or by an equivalent means.

#### Casing and Tubing

1. Minimum amount required:
  - a. Surface casing: Not less than 150 m.
  - b. Production casing: At least 25% of the hole is cased during all drilling operations.
2. Minimum amount of cement required:
  - a. Surface casing: 30% greater than the estimated annular volume or if estimate is based on a reliable caliper log, at least 10% greater than estimated annular volume.
  - b. Production casing: 30% greater than the estimated annular volume or if estimate is based on a reliable caliper log, at least 10% greater than estimated annular volume.
  - c. Setting time: In no case less than 6 hours; 12 hours minimum unless acceptable testing shows compressive strength of at least 3500 kilopascals.
3. Tubing requirements:

- a. Oil wells: Regulations being developed.
- b. Gas wells: Regulations being developed.

### Hydraulic Fracturing

Note: Production and Conservation Regulations for onshore production are being developed. Hydraulic fracturing would be reviewed on a case by case basis and be reviewed through an Environmental Assessment process. Prior approval is required to conduct hydraulic fracturing.

- 1. Permitting:
  - a. Before drilling: See note above.
  - b. Before fracing: See note above.
  - c. How long before: See note above.
- 2. Reporting requirements:
  - a. Where reported: See note above.
  - b. When reported: See note above.
  - c. Source water requirements: See note above.
- 3. Mechanical integrity:
  - a. Cementing log required: See note above.
  - b. Pressure testing: See note above.
  - c. Pressure monitoring: See note above.
  - d. Blowout preventer required: See note above.
- 4. Disposal of flowback fluids:
  - a. Retaining pits: See note above.
  - b. Tanks: See note above.
  - c. Approved discharge to surface water: See note above.
  - d. Underground injection: See note above.
- 5. Chemical disclosure requirement:

- a. Mandatory: See note above.
- b. Where disclosed: See note above.
- c. When disclosed (pre-fracing, post-fracing, both): See note above.
- d. Time limit to disclose: See note above.
- e. Information required to be disclosed: See note above.
- f. Trade secret protection: See note above.
- g. Required disclosure to health/emergency personnel: See note above.

#### Underground Injection

1. Agencies that control the underground injection of fluid by well class: [Department of Natural Resources](#).

#### Completion

1. Completion report required:
  - a. Time limit: Well Termination Record is required within 21 days of the rig release. A detailed Final Well Report is due within 90 days of rig release for an exploratory well and within 45 days for a development well.
  - b. Where submitted: [Dept. of Natural Resources, Petroleum Resource Development Division](#).
2. Well logs required to be filed
  - a. Time limit: Submit by the most rapid and practical means.
  - b. Where submitted: [Department of Natural Resources, Petroleum Resource Development Division](#).
  - c. Confidential time period: Two years after rig release date in the case of an exploration well, or 60 days after rig release date in the case of a development well.
  - d. Available for public use: As part of the Final Well Report.
  - e. Log catalog available: List of final well reports.
3. Multiple completion regulation:
  - a. Approval obtained: Regulation being developed.

4. Commingling in well bore:
  - a. Approval obtained: Regulation being developed.

#### Oil Production

Note: Production and Conservation Regulations for onshore production are being developed. In the interim, oil production is based on approved development plan as required in the *Petroleum Regulations*.

1. Definition of an oil well: See note above.
2. Potential tests required:
  - a. Time interval: See note above.
  - b. Witness required: See note above.
3. Maximum gas-oil ratio:
  - a. Provision for limiting gas-oil ratio: See note above.
  - b. Exception to limiting gas-oil ratio: See note above.
4. Bottom-hole pressure test reports required:
  - a. Periodical bottom-hole pressure surveys: See note above.
5. Commingling oil in common facilities: See note above.
6. Measurement involving meters: See note above.
7. Production reports:
  - a. By lease: See note above.
  - b. By well: See note above.
  - c. Time limit: See note above.

#### Gas Production

Note: Production and Conservation Regulations for onshore production are being developed. In the interim, gas production is based on approved development plan as required in the [\*Petroleum Regulations\*](#).

1. Definition of a gas well See note above.

2. Pressure base \_\_\_\_\_ psia @ \_\_\_\_\_ degrees F. See note above.
3. Initial potential tests:
  - a. Time interval: See note above.
  - b. Witness required: See note above.
4. Bottom-hole pressure test reports required:
  - a. Periodical bottom-hole pressure surveys: See note above.
5. Commingling of gas in common facilities: See note above.
6. Measurement involving meters: See note above.
7. Production reports:
  - a. By lease: See note above.
  - b. By well: See note above.
  - c. Time limits: See note above.