

The Oil and Gas Conservation Regulations, 2012

being

Chapter O-2 Reg 6 (effective April 1, 2012) as amended by
Saskatchewan Regulations 70/2013 and 14/2014.

NOTE:

This consolidation is not official. Amendments have been incorporated for convenience of reference and the original statutes and regulations should be consulted for all purposes of interpretation and application of the law. In order to preserve the integrity of the original statutes and regulations, errors that may have appeared are reproduced in this consolidation.

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CHAPTER O-2 REG 6
The Oil and Gas Conservation Act

PART I
Preliminary Matters

Title

1 These regulations may be cited as *The Oil and Gas Conservation Regulations, 2012*.

Interpretation

2 For the purposes of the Act and in these regulations:

- (a) **“acknowledgement of reclamation”** means an acknowledgement of reclamation issued by the minister pursuant to subsection 56(4);
- (b) **“Act”** means *The Oil and Gas Conservation Act*;
- (c) **“approved”** means approved by the minister;
- (d) **“battery”** means common storage facilities receiving production from a well or wells and includes equipment for separating the fluid into oil, gas, water and any other substances and for measurement;
- (e) **“blow-out”** means an unintended flow of oil, gas, water, products or other substances:
 - (i) at the surface that cannot be controlled by existing well head or blow-out prevention equipment; or
 - (ii) from one formation to another formation within a well that cannot be controlled by increasing fluid density;
- (f) **“blow-out preventer”** means a special casing head used in rotary drilling, well completions and workovers to prevent the uncontrolled escape of liquid or gas from a well;
- (g) **“condensate”** means a liquid hydrocarbon product that existed in the reservoir in a gaseous phase at original conditions and that is recovered from a gas stream when pressure and temperature are reduced to not lower than those at atmospheric conditions;
- (h) **“cubic metre of gas”** means the volume of gas contained in one cubic metre of space at a standard pressure of 101.325 kilopascals absolute and at a standard temperature of 15 degrees Celsius;
- (i) **“custody transfer point”** means the physical point where control or ownership of oil, gas, water, products or other substances transfers from one person to another;

- (j) **“date of first production or injection”** means the date on which a well commences:
- (i) production of oil, gas, water or other substances other than any injected completion fluids; or
 - (ii) injection of oil, gas, water or other substances into a subsurface zone;
- (k) **“dehydrator”** means an apparatus designed and used to remove water from gas;
- (l) **“emergency response plan”** means a plan, in an approved form, to protect the public and the environment during emergencies that includes:
- (i) criteria to assess an emergency situation;
 - (ii) procedures to mobilize and deploy response personnel and agencies; and
 - (iii) procedures to establish communications and co-ordination;
- (m) **“facility”** means any building, structure, installation, equipment or appurtenance that is connected to or associated with the recovery, development, production, storage, handling, processing, treatment or disposal of oil, gas, water, products or other substances, that are produced from or injected into a well, but does not include a pipeline;
- (n) **“first-time applicant”** means an applicant for a licence or an applicant for a transfer of a licence who has not previously held a licence issued pursuant to the Act;
- (o) **“flowline”** means a pipeline connecting a wellhead and:
- (i) an oil battery facility;
 - (ii) a fluid injection facility; or
 - (iii) a gas compression facility;
- and includes a pipe or system of pipes for the transportation of fluids within any of those facilities;
- (p) **“fresh-water-bearing formation”** means a permanent subsurface water bearing formation with a significant volume of recoverable water that has total dissolved solid concentrations of less than 4 000 milligrams per litre;
- (q) **“gas”** means natural gas, both before and after it has been subjected to absorption, purification, scrubbing or other treatment or process, and includes all liquid hydrocarbons other than oil and condensate;
- (r) **“gas-oil ratio”** or **“GOR”** means the ratio of the number of cubic metres of gas produced from a given source in a given period to the number of cubic metres of oil produced from that source in that period;
- (s) **“gas well”** means:
- (i) a well that is capable of producing gas not associated with oil at the time of production;
 - (ii) that part of a well in which the gas-producing zone is successfully segregated from the oil and in which gas is produced separately from the oil;

- (iii) a well from which gas is or is capable of being produced from a reservoir in association with no more than one cubic metre of oil for every 3 500 cubic metres of gas produced from the reservoir; or
- (iv) any other well that may be classified by the minister pursuant to clause 17(1)(l) of the Act as a gas well for the purposes of the Act and these regulations;
- (t) **“good production practice”** means production of oil or gas from a well at a rate not governed by a maximum allowable rate of production but limited to what can be produced on the basis of technical parameters without adversely and significantly affecting:
 - (i) the ultimate recovery of oil or gas; or
 - (ii) the opportunity of other owners to obtain their share of production from the pool;
- (u) **“horizontal well”** means:
 - (i) a well:
 - (A) with a portion drilled at an angle of at least 80 degrees from vertical, measured from a line connecting the initial point of penetration into the productive zone to the end point of the wellbore in the productive zone;
 - (B) with a minimum wellbore length of 100 metres, measured from the initial point of penetration into the productive zone to the end point of the wellbore in the productive zone; and
 - (C) that is approved for the purposes of this clause; or
 - (ii) any other well approved for the purposes of this clause;
- (v) **“multi-zone well”** means a well for the segregated production or injection from or into more than one zone through the same well bore;
- (w) **“occupied dwelling”** means a building occupied by a person on a temporary or permanent basis;
- (x) **“oil”** means crude petroleum oil and any other hydrocarbon, regardless of density, that is or is capable of being produced from a well in liquid form, but does not include condensate;
- (y) **“oil shale core hole”** means any hole drilled into oil shale for the purpose of obtaining geological information or recovering a core of the oil shale;
- (z) **“oil well”** means any well capable of producing oil other than a gas well;
- (aa) **“operator”** means:
 - (i) a person who, as owner, licensee, lessee, sublessee or assignee, has the right to carry on drilling, construction, operation, decommissioning or abandonment of a well or facility and the reclamation of the well or facility site;

- (ii) a contractor who on behalf of the person mentioned in subclause (i) engages in any of the activities described in that subclause; or
 - (iii) the person designated by the minister as the operator of the well or facility;
- (bb) **“person”** includes a corporation, company, government, government agency, Crown corporation, syndicate, trust, firm, partnership, co-owner or party and the successors, heirs, executors, administrators or other legal representatives of any such person;
- (cc) **“pipeline”** means a pipeline as defined in *The Pipelines Act, 1998*;
- (dd) **“processing equipment”** means equipment used for the treatment and extraction of components, including water, gas, liquids and solids, from produced fluids, natural gas or crude oil and for the injection of those components;
- (ee) **“productive horizontal section”** means the portion of a horizontal well that is open to production from the subsurface formation;
- (ff) **“provincial highway”** means a provincial highway as defined in *The Highways and Transportation Act, 1997*;
- (gg) **“public facility”** means a public building or location where the presence of the public can be anticipated, including a hospital, place of business, campground, school or recreational facility or other building or location created for the use of the public;
- (hh) **“public highway”** means a public highway as defined in *The Highways and Transportation Act, 1997* but does not include a provincial highway;
- (ii) **“public notice”** means a notice published in the manner set out in section 7 and, if the minister considers it necessary, in any other manner specified by the minister;
- (jj) **“reclamation”** means the process of:
- (i) decontaminating, excavating, removing, sequestering, encapsulating, immobilizing, attenuating, degrading, processing or treating the contaminants in the soil or water in a manner so that, in the opinion of the minister, the contaminants no longer pose a threat or risk to human health, public safety, property or the environment; and
 - (ii) re-contouring, landscaping, replacing or replenishing the topsoil and re-vegetating the surface of the soil so that it is compatible with its surroundings;
- (kk) **“segregate”** means to confine each fluid in a well to the proper zone or flow channel of that fluid so that the fluid is separated from all fluids in any other zone or flow channel;
- (ll) **“separator”** means an apparatus for separating liquid and gas at the surface as they are produced from a well;
- (mm) **“single-well battery”** means a licensed well that treats production exclusively from that licensed well;

(nn) **“site”** means, when used in relation to a well, structure test hole, oil shale core hole or facility, the site of the well, structure test hole, oil shale core hole or facility and the area immediately adjacent to that site;

(oo) **“structure test hole”** means any hole drilled for the purpose of obtaining geological and structural information to a point below the glacial drift that is no deeper than the base of the Second White Specks horizon, but does not include:

(i) any hole drilled that penetrates a horizon that, in the opinion of the minister, is capable of producing oil or natural gas in commercial quantities; or

(ii) any hole drilled for seismic testing;

(pp) **“surface improvement”** means the following:

(i) a railway;

(ii) an above-ground pipeline;

(iii) a canal;

(iv) an above-ground power, telephone or other utility line;

(v) a road allowance;

(vi) a surveyed roadway;

(vii) an aircraft runway or taxiway;

(qq) **“treater”** means an apparatus for separating oil, gas and water at the surface as they are produced from a well;

(rr) **“unique well identifier”** or **“UWI”** means the number assigned to a well by the minister to provide a unique alpha-numerical identity for the well;

(ss) **“unreclaimed site”** means a site for which an acknowledgement of reclamation has not been issued by the minister pursuant to subsection 56(4);

(tt) **“urban centre”** means a city, town, village or hamlet with not fewer than 50 separate occupied dwellings;

(uu) **“vertical well”** means any well that is not a horizontal well;

(vv) **“waste processing facility”** means any facility that is constructed and operated for the purpose of containing, storing, handling, treating, processing, recovering, reusing, recycling, destroying or disposing of oil and gas waste;

(ww) **“water body”** means:

(i) a body of water; or

(ii) an area where water flows or is present, whether the flow or the presence of water is continuous, seasonal or intermittent or occurs only during a flood;

(xx) **“well”** means:

(i) any opening in the ground made within Saskatchewan from which any oil, gas, oil and gas or other hydrocarbon is, has been or is capable of being produced from a reservoir;

- (ii) any opening in the ground that is made for the purpose of:
 - (A) obtaining water to inject into an underground formation;
 - (B) injecting any substance into an underground formation;
 - (C) storing oil, gas or other hydrocarbons underground; or
 - (D) monitoring reservoir performance and obtaining geological information; or
- (iii) any opening in the ground made for informational purposes pursuant to The Subsurface Mineral Regulations, 1960, being Saskatchewan Regulations 541/67;

but does not include seismic shot holes, structure test holes or oil shale core holes;

(yy) **“working interest participant”** means a person who owns a legal or beneficial interest in a well or facility pursuant to an agreement that relates to the ownership of the well or facility;

(zz) **“zone”** means any approved interval definable with respect to a geological formation or geological unit.

5 Apr 2012 cO-2 Reg 6 s2.

Application of regulations

3(1) These regulations do not apply to:

- (a) subject to subsection (2), a pipeline that is being constructed, altered, operated or abandoned pursuant to the *National Energy Board Act* (Canada) or the operation of which is being discontinued pursuant to that Act;
- (b) a pipeline for the distribution of gas that is being constructed, altered, operated or abandoned pursuant to *The SaskEnergy Act* or the operation of which is being discontinued pursuant to that Act; or
- (c) a refining or marketing pipeline that is situated wholly within plant property.

(2) Sections 100, 108, 113 and 122 apply to the pipelines mentioned in clause (1)(a).

5 Apr 2012 cO-2 Reg 6 s3; 11 Apr 2014 SR 14/2014 s2.

Inclusions of non-oil-and-gas substances and exclusions from oil and gas waste

4(1) For the purpose of clause 2(1)(j.1) of the Act, substances from the following industries are non-oil-and-gas substances:

- (a) the mining and minerals processing industry;
- (b) the electrical energy generating industry;
- (c) the chemical and petro-chemical refining industry;
- (d) the manufacturing industry;
- (e) the agriculture and agri-food, aqua-culture and fishery industries;

- (f) the forestry and forestry products industry;
 - (g) the pulp and paper industry;
 - (h) the construction industry;
 - (i) the transportation industry;
 - (j) the medical and pharmaceutical industry;
 - (k) the service industry;
 - (l) the military;
 - (m) the waste management industry;
 - (n) the geothermal industry.
- (2) For the purpose of clause 2(1)(j.2) of the Act, the following are prescribed as being not included within the meaning of oil and gas waste:
- (a) sewage;
 - (b) municipal refuse;
 - (c) human-made material that is radioactive.

5 Apr 2012 cO-2 Reg 6 s4.

PART II Administrative Matters

Submission of information

- 5(1) Unless otherwise provided in these regulations, any sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information required to be submitted to the minister pursuant to these regulations must be submitted in an approved form and manner.
- (2) Every person required to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister shall file or submit a complete and accurate sample, core, analysis, log, survey, test, form, report, statement, application, document, record or other information in the form and manner required by the minister and within the time prescribed by the Act, regulations or orders of the minister, as the case may be.
- (3) Every sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information submitted in accordance with these regulations must be accurately labelled with the well name, licence number and unique well identifier of the well.
- (4) In addition to the requirements to file or submit a sample, core, analysis, log, survey, test, form, report, statement, application, document, record or any other information pursuant to the Act, regulations or orders of the minister, every person shall file or submit any other information that the minister considers necessary for the purposes of administering the Act and these regulations.

5 Apr 2012 cO-2 Reg 6 s5.

Applications

6(1) Unless otherwise provided in these regulations, an application pursuant to these regulations:

- (a) must be made in an approved form and manner; and
 - (b) must be accompanied by any additional information that the minister may require.
- (2) On receipt of an application pursuant to these regulations, the minister may:
- (a) if the minister is satisfied that the application complies with the Act and these regulations, approve the application, subject to any terms and conditions that the minister considers appropriate; or
 - (b) refuse to approve the application.

5 Apr 2012 cO-2 Reg 6 s6.

Manner of publishing orders

7 For the purposes of subsection 19(1) of the Act, the prescribed manner of publishing an order made pursuant to the Act is by publishing it on the ministry's Internet website.

5 Apr 2012 cO-2 Reg 6 s7.

Service

8 For the purposes of clause 53.01(6)(b) of the Act, every person mentioned in subsection 53(1) of the Act shall provide the minister with an email address.

5 Apr 2012 cO-2 Reg 6 s8.

PART III Licences

Interpretation of Part

9 In this Part, "**licence**" means a licence within the meaning of Part II of the Act.

5 Apr 2012 cO-2 Reg 6 s9.

Well Information Register

10(1) A well must be identified by the unique well identifier assigned to the well and by the well licence number.

(2) The minister shall maintain a copy of each well licence issued pursuant to these regulations and a register containing:

- (a) the well licence number;
- (b) all unique well identifiers associated with the well licence;
- (c) the surface location of the well;
- (d) the name of the licensee and, if applicable, the name of the agent of the licensee; and
- (e) any other information that the minister considers necessary.

5 Apr 2012 cO-2 Reg 6 s10.

Well name

11 A well name must be created at the time a well is licensed in a manner determined by the minister.

5 Apr 2012 cO-2 Reg 6 s11.

Eligibility requirements to be issued a licence

12(1) No person is eligible to be issued a licence for a well, facility, structure test hole or oil shale core hole unless:

- (a) that person:
 - (i) is a working interest participant; or
 - (ii) in the case of a well mentioned in subclause 2(xx)(i), is a working interest participant and has the right to produce the oil or gas from the well or the right to drill or operate the well; and
- (b) if that person is carrying on a business, that person's business is registered to lawfully carry on business in Saskatchewan.

(2) No licence shall be issued to, or transferred to or from, a person if:

- (a) that person:
 - (i) has not paid the required fee pursuant to section 16 if the person is a first-time applicant;
 - (ii) has not paid the required annual orphan fund levy pursuant to section 119; or
 - (iii) owes any money to the Crown in right of Saskatchewan; or
- (b) that person's business is not registered to lawfully carry on business in Saskatchewan.

5 Apr 2012 cO-2 Reg 6 s12.

Licence for structure test hole and oil shale core hole

13(1) No person shall commence operations for drilling a structure test hole or an oil shale core hole unless the person holds a valid licence authorizing the activity.

(2) An applicant for a licence pursuant to subsection (1) shall:

- (a) apply to the minister in an approved form and manner;
- (b) provide the minister with any other information or material that the minister may reasonably require;
- (c) if required by these regulations, submit to the minister the prescribed orphan fund fee;
- (d) if required pursuant to section 15 of the Act, file security with the minister in accordance with that section;
- (e) provide evidence satisfactory to the minister that the applicant meets the eligibility requirements in section 12; and
- (f) submit to the minister the fee set out in Table 2 of the Appendix.

5 Apr 2012 cO-2 Reg 6 s13.

General licensing provisions

- 14(1) In an area in which there may be more than one productive zone, an applicant shall set out in his or her application for a licence the definite zone to which the well will be drilled and the zones from which the well is expected to produce.
- (2) The minister may cancel a licence:
- (a) in the case of a well, if drilling of the well has not commenced within one year after the licence has been issued;
 - (b) in the case of a facility, if construction of the facility has not been completed within two years after the licence has been issued; or
 - (c) if the licensee does not meet the eligibility requirements set out in section 12.
- (3) Subject to subsection (4), the minister may refuse to issue a licence in accordance with this Part if:
- (a) there are separately owned tracts or interests in all or part of a drainage unit consisting of Crown lands and freehold lands; and
 - (b) there is no agreement for pooling of the interests for the development and operation of the drainage unit, nor an order for the pooling of the interests in accordance with subsection 30(5) of the Act.
- (4) Subsection (3) does not apply if:
- (a) the application for a licence is accompanied by written evidence establishing to the satisfaction of the minister that special circumstances exist necessitating the issuance of the licence; and
 - (b) it is expedient and in the public interest to issue the licence.
- (5) The minister may impose on a licence any terms and conditions, in addition to those mentioned in subsections (1) to (3), that the minister considers appropriate.
- (6) The minister may amend the terms and conditions previously imposed on an existing licence or may impose new terms and conditions on an existing licence.
- (7) If a person has commenced drilling operations without first obtaining a licence in accordance with this Part, the minister may suspend that person's drilling operations for a period of not less than 24 hours and not more than twice the time interval from the time the well is spudded to the time the licence is issued.
- (8) If a licence is suspended or cancelled pursuant to section 12 of the Act:
- (a) all rights and privileges conveyed by the licence are suspended or cancelled, as the case may be; and
 - (b) the responsibility of the licensee and any working interest participant for the well, facility or associated flowline, and the well site or facility site, continues after the suspension or cancellation of the licence with respect to any obligations of the licensee pursuant to:
 - (i) the Act;
 - (ii) these regulations;
 - (iii) any orders made pursuant to the Act; or
 - (iv) any terms or conditions of the licence.

Exemption from licensing requirement

15 For the purposes of clause 8.01(1)(b) of the Act, the following facilities are exempt from the requirement of holding a licence:

- (a) a landfill or a site for which a permit for the purpose of surface waste disposal has been issued pursuant to *The Environmental Management and Protection Act, 2002*;
- (b) an upgrader or a refinery;
- (c) a single-well battery;
- (d) a cavern for the storage of gas, crude oil or products, not including any associated surface facilities.

5 Apr 2012 cO-2 Reg 6 s15.

Fees

16(1) For the purposes of clause 8.1(f) of the Act, the application fee for a licence is the fee set out in Table 2 of the Appendix.

(2) A first-time applicant must pay a fee of \$10,000 to the minister for deposit into the orphan fund.

(3) For the purposes of clauses 10(2)(c) and 10.1(2.1)(f) of the Act, the application fee to transfer a licence is the fee set out in Table 2 of the Appendix.

5 Apr 2012 cO-2 Reg 6 s16.

Change of name of licensee

17(1) A licensee whose name has changed shall:

- (a) give notice of the change of name to the minister; and
- (b) if the licensee is a corporation, provide the minister with a copy of the Certificate of Amendment issued by the Director of Corporations pursuant to *The Business Corporations Act*.

(2) A licensee that is a corporation and that amalgamates with another corporation shall:

- (a) give notice of the amalgamation to the minister; and
- (b) provide the minister with a copy of the Certificate of Amalgamation issued by the Director of Corporations pursuant to *The Business Corporations Act*.

5 Apr 2012 cO-2 Reg 6 s17.

Copy of licence to be posted

18 During the drilling of a well or the construction of a facility, including the installation of equipment or storage tanks, every licensee shall post and keep prominently displayed a copy of the licence for the well or facility, including a copy of any amendments to the licence.

5 Apr 2012 cO-2 Reg 6 s18.

Identification of completed wells and facilities

19(1) Every licensee of a cased well and every operator of a constructed facility shall identify the well or facility with a conspicuous sign erected at the primary entrance to the well or facility that indicates:

- (a) the name and telephone number of the licensee or operator at which the licensee or operator may be contacted; and
 - (b) the legal description of the surface location of the well or facility.
- (2) A licensee or operator shall maintain a sign that is erected pursuant to subsection (1) in a manner that is satisfactory to the minister.
- (3) An operator who operates more than one facility at one location may erect one sign to identify all of the facilities at that location.
- (4) A licensee who drills more than one well from one surface location shall identify the bottom hole location of each well on a sign affixed to the wellhead.
- (5) In accordance with subsections (6) and (7), the licensee or operator shall post one or more of the following categories of warning symbols:
- (a) Category I: Flammable (gas or liquid), Class 3;
 - (b) Category II: Poison Gas, Class 2.
- (6) A Category II warning symbol must only be used if:
- (a) a well produces gas containing 10 parts per million or 0.01 moles per kilomole of hydrogen sulphide or greater;
 - (b) a facility handles gas containing 10 parts per million or 0.01 moles per kilomole of hydrogen sulphide or greater; or
 - (c) the minister so directs.
- (7) A Category I warning symbol must be used for wells or facilities not governed by subsection (6).
- (8) Warning symbols must be of the size, design and colour set out in Part II of the Appendix.
- (9) Warning symbols must be posted:
- (a) adjacent to all entrances to the developed area of a well or facility; or
 - (b) if a well or facility has no access roads or developed areas, at the wellhead or facility.
- (10) An appropriate warning symbol must be posted on the sign mentioned in subsection (1).
- (11) No licensee or operator shall:
- (a) post warning symbols if a hazard does not exist; or
 - (b) post warning symbols that are not in compliance with this section and Part II of the Appendix.

Licensee or working interest participant is liable

20(1) Costs of abandonment and reclamation of a well, facility or associated flowline and their respective sites mentioned in subsection 116(2) are the responsibility of:

- (a) the licensee; or
- (b) if the licensee is insolvent, bankrupt or cannot be located or is incapable of operating the well or facility as required by the Act or these regulations, the working interest participants.

(2) Abandonment and reclamation of a well, facility, associated flowline and their respective sites does not relieve the licensee or the working interest participants of the responsibility to undertake further abandonment or reclamation work or from the responsibility for the costs of doing that work.

5 Apr 2012 cO-2 Reg 6 s20.

Licence to deepen or respu d an abandoned well

21 A person who wishes to commence operations for re-entering and re-drilling an abandoned well or drilling a well with a different depth, length or configuration than previously licensed shall submit to the minister:

- (a) a new application for a licence; and
- (b) a fee as set out in Table 2 of the Appendix.

5 Apr 2012 cO-2 Reg 6 s21.

Approval for certain operations

22(1) A licensee shall apply for and obtain the approval of the minister pursuant to section 6 before performing any of the following operations, or causing or permitting them to be performed:

- (a) suspending normal drilling operations;
- (b) resuming drilling or servicing operations after a previous completion, suspension or abandonment of the well;
- (c) abandoning or plugging back the well;
- (d) undertaking remedial operations for the purposes of eliminating a vent flow, gas migration or leaking open-hole abandonment.

(2) After consultation with the licensee, the minister may:

- (a) vary an operation approved pursuant to section 6; or
- (b) alter a condition in an approval granted pursuant to section 6.

(3) If an operation is varied or a condition is altered pursuant to subsection (2):

- (a) the minister shall provide notice to the licensee of the variation or alteration; and
- (b) the licensee shall not commence or recommence work on the operation until the licensee receives notice of the variation or alteration pursuant to clause (a).

5 Apr 2012 cO-2 Reg 6 s22.

Surface access limitations

23 A licence does not grant a right of entry onto the surface nor the use of surface lands.

5 Apr 2012 cO-2 Reg 6 s23.

Production casing not to be recovered

24 No person shall recover or attempt to recover production casing from an abandoned well.

5 Apr 2012 cO-2 Reg 6 s24.

PART IV Prohibited Drilling

Prohibited areas - drilling

25(1) Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill any well, structure test hole or oil shale core hole within:

- (a) 75 metres from the right of way of any surface improvement other than a surveyed roadway or road allowance; or
- (b) 40 metres from the right of way of a surveyed roadway or road allowance or an underground utility, other than an underground utility that is owned or operated by the licensee or that services the licensee's well or facility.

(2) Unless otherwise approved by the minister on an application pursuant to section 6, no person shall drill a well for which the surface centre of the well is located:

- (a) in the case of a well drilled on or after July 1, 2013, within 125 metres of:
 - (i) a water body;
 - (ii) an occupied dwelling;
 - (iii) a public facility; or
 - (iv) an urban centre; or
- (b) in the case of a well drilled before July 1, 2013, within 100 metres of:
 - (i) a water body;
 - (ii) an occupied dwelling;
 - (iii) a public facility; or
 - (iv) an urban centre.

(3) No person shall drill a well, structure test hole or oil shale core hole on a road allowance in a location that interferes with public travel.

(4) No person shall drill a well on the intersection of two road allowances.

5 Apr 2012 cO-2 Reg 6 s25.

Potash restricted drilling areas

26(1) In this section:

- (a) **“potash disposition holder”** means:
 - (i) a person, other than the Crown, that operates a mine to extract, recover or produce potash and that:
 - (A) owns a fee simple interest in potash; or
 - (B) pursuant to a lease or other instrument granted by a person other than the Crown, has the right to extract, recover or produce potash; or
 - (ii) the holder of a Crown disposition respecting potash pursuant to *The Crown Minerals Act*;
 - (b) **“potash restricted drilling area”** means a potash restricted drilling area established pursuant to subsection (2).
- (2) The minister may make orders establishing any area of land as a potash restricted drilling area for the purpose of restricting the drilling of wells near potash mines.
- (3) No person shall drill a well within a potash restricted drilling area without first:
- (a) obtaining the written approval of the minister; and
 - (b) obtaining the written consent of every potash disposition holder whose potash is located within the potash restricted drilling area and submitting a copy of the consent to the minister.
- (4) The consent mentioned in subsection (3) is not to be unreasonably withheld by a potash disposition holder.

5 Apr 2012 cO-2 Reg 6 s26.

Further restrictions in commercial potash areas

27(1) Notwithstanding section 26, drilling for oil or gas below the top of the Prairie Evaporite is restricted in areas that the minister designates as commercial potash areas.

(2) The minister may establish protective measures applicable to the restricted areas designated by the minister pursuant to subsection (1) with respect to drilling, completion or abandonment of any well, and the following minimum measures are applicable:

- (a) if drilling must penetrate below the top of the Prairie Evaporite:
 - (i) a protective string of casing must be set at the top of the Prairie Evaporite with sufficient cement to ensure that the lower 60 metres is securely anchored;
 - (ii) drilling fluid must be replaced with oil;
 - (iii) in lieu of meeting the requirements of subclauses (i) and (ii), a salt saturated drilling fluid may be used;
 - (iv) on completion of drilling, a caliper survey of the Prairie Evaporite must be taken;

- (v) on completion of drilling within a commercial potash area designated pursuant to subsection (1), a directional survey must be taken from the lowest point of the well in the Prairie Evaporite to the top of the well, and the owner shall immediately submit a report in writing to the minister setting forth the manner in which the survey was made and the results of it and shall attach to the report a true copy of the survey;
- (b) to complete a well as an oil or gas well below the Prairie Evaporite and to effectively shut off all communications between zones:
 - (i) production casings must be cemented in two stages:
 - (A) stage 1 must be from the total depth to 30 metres above the top of the Prairie Evaporite and must consist of brine saturated cement;
 - (B) stage 2 must be from 30 metres above the top of the Prairie Evaporite to the surface; and
 - (ii) a temperature log or cement log must be run in order to evaluate the casing cement job;
- (c) to abandon a well drilled into or below the Prairie Evaporite:
 - (i) the method determined by the minister must be followed; and
 - (ii) if the depth of the well is less than 30 metres below the base of the Prairie Evaporite:
 - (A) a continuous brine saturated cement plug must be set from the bottom of the well to 150 metres above the top of the Prairie Evaporite; and
 - (B) the cement plug must be probed for after waiting at least eight hours for the cement to harden and must be able to withstand a force of 18 kilonewtons;
 - (iii) if the depth of the well is more than 30 metres below the base of the Prairie Evaporite:
 - (A) a first cement plug of not less than 30 metres must be set immediately below the bottom of the Prairie Evaporite;
 - (B) a second plug must be set directly on top of the first plug and made of sufficient brine saturated cement to ensure a continuous plug of 150 metres above the top of the Prairie Evaporite; and
 - (C) after each plug is set it must be probed for after waiting at least eight hours for the cement to harden and it must be able to withstand a force of 18 kilonewtons;
 - (iv) the remainder of the hole must be abandoned in accordance with the dry hole abandonment provisions of subsection 45(2).

PART V
Approval of Drilling

Variation in drilling program

28(1) Subject to subsection (2), no operator shall depart from or vary a program of drilling operations approved by a licence mentioned in the Act unless the minister, on application pursuant to section 6, approves the departure or variation.

(2) In case of an emergency in which immediate departure from or variation in the program mentioned in subsection (1) is necessary, the departure or variation may be made to the extent that it is necessary, and in that case the operator shall:

- (a) first immediately notify the minister of the departure or variation by the most expedient means available; and
- (b) confirm the first notification with a notification in an approved form and manner.

5 Apr 2012 cO-2 Reg 6 s28.

Multi-zone wells

29(1) An application for approval to complete a well as a multi-zone well must be submitted to the minister in an approved form and manner and must contain an outline of the current completion status of the well and the general manner in which, if the application is granted, the fluids from each zone or pool will be segregated.

(2) The operator of a multi-zone well shall, within 30 days after the well has been completed in more than one pool, advise the minister of the effective date of each completion and submit to the minister, in an approved form and manner, a diagram showing:

- (a) the type and make of each component of the subsurface installation;
- (b) the depth below a stated reference in the well of each component of:
 - (i) the subsurface installation;
 - (ii) the casing;
 - (iii) liner and tubing;
 - (iv) setting depths and sizes;
 - (v) the upper and lower limits of the porous intervals;
 - (vi) fluid interfaces of each completion zone and the perforated intervals;and
- (c) the flow channels for the fluids.

(3) No operator of a multi-zone well shall modify, or cause or permit to be modified, the subsurface installation or producing interval of the well or conduct remedial work on the well unless the operator, on application pursuant to section 6, first obtains approval from the minister.

5 Apr 2012 cO-2 Reg 6 s29.

PART VI
Drainage Units, Target Areas and Qualification for Allowables

Application of sections 31 to 35

30 Sections 31 to 35 apply only to vertical wells.

5 Apr 2012 cO-2 Reg 6 s30.

Oil and gas well drainage units

31(1) In this section and in section 35:

- (a) **“ISC”** means ISC as defined in *The Information Services Corporation Act*;
- (b) **“SaskGrid”** means the collection of geomatics feature layers established in accordance with the SaskGrid system;
- (c) **“SaskGrid system”** means the geographic information reference system established and maintained by ISC.

(2) Subject to section 32, with respect to oil wells, if no drainage units have been established for a field, pool or area, a drainage unit is one legal subdivision as described in the legal subdivision feature layer of the SaskGrid.

(3) Subject to section 32, with respect to gas wells, if no drainage units have been established for a field, pool or area, a drainage unit is one section as described in the section feature layer of the SaskGrid.

5 Apr 2012 cO-2 Reg 6 s31; 6 Sep 2013 SR 70/
2013 s29.

Minister's orders re drainage units

32(1) If there is a conflict between a minister's order made pursuant to section 17 of the Act to establish or change drainage units and the establishment of drainage units pursuant to subsection 31(2) or (3):

- (a) the minister's order prevails; and
- (b) the operation of subsection 31(2) or (3), as the case may be, is suspended with respect to the subject-matter of the minister's order.

(2) The minister may require public notice to be given of a proposal to establish or change drainage units by a minister's order pursuant to section 17 of the Act.

(3) An applicant for a minister's order pursuant to section 17 of the Act to establish or change drainage units shall apply to the minister pursuant to section 6.

5 Apr 2012 cO-2 Reg 6 s32.

Target areas and qualifications for allowables

33(1) In order to qualify for a maximum allowable rate of production based on a drainage unit as described in subsection 31(2), an oil well must be completed within a target area that is inside the drainage unit and has sides located 100 metres from and parallel to the corresponding sides of the drainage unit.

(2) In order to qualify for a maximum allowable rate of production based on a drainage unit as described in subsection 31(3), a gas well must be completed within a target area that is inside the drainage unit and has sides located 200 metres from and parallel to the corresponding sides of the drainage unit.

(3) If a drainage unit is established by a minister's order, the minister may further determine the target area within which a well must be completed in order to qualify for a maximum allowable rate of production based on the area of the drainage unit.

5 Apr 2012 cO-2 Reg 6 s33.

Application for off-target wells

34(1) The minister may require public notice to be given of an application made for an order before the minister:

- (a) pursuant to section 27 of the Act, makes an order that permits a well to be drilled at a location other than the target area mentioned in section 33; or
- (b) pursuant to section 17 of the Act, with respect to a well described in clause (a), makes an order that permits completing the well and producing from the well.

(2) An applicant for an order mentioned in subsection (1) shall apply to the minister pursuant to section 6.

5 Apr 2012 cO-2 Reg 6 s34.

Off-target penalty

35(1) Unless otherwise approved by the minister on an application pursuant to section 6, the principles for determining the net productive area for a vertical well not completed within its target area are as follows:

- (a) in a drainage unit where the target area is centred on the drainage unit, the net productive area is the remaining area of the drainage unit after the north-south and east-west dimensions of the drainage unit have been reduced by the respective distances equal to the north-south and east-west vectors of displacement of the well from the centre of the target area;
- (b) in a drainage unit where the target area is not centred on the drainage unit:
 - (i) any legal subdivisions as described in the legal subdivision feature layer of the SaskGrid that do not form any part of the target area and are located in a position that is in the opposite direction of a vector of displacement are removed from the drainage unit; and
 - (ii) the net productive area is the remaining area of the drainage unit after the north-south and east-west dimensions of the drainage unit have been further reduced by the respective distances equal to the north-south and east-west vectors of displacement of the well from the centre of the target area.

(2) The production penalty applied to the allowable production of the well is the fraction obtained by dividing the net productive area determined in accordance with subsection (1) by the original area of the drainage unit.

(3) If the intersection of the well with any part of the pool projected vertically to the surface is outside the target area and within 50 metres of the boundary of the drainage unit, the well must not be completed or placed on production without the approval of the minister.

5 Apr 2012 cO-2 Reg 6 s35.

Application of sections 37 to 39

36 Sections 37 to 39 apply only to horizontal wells.

5 Apr 2012 cO-2 Reg 6 s36.

Interpretation for section and sections 38 and 39

37 In this section and in sections 38 and 39:

(a) “**heavy oil area**” means Spacing Area ‘E’ established by minister’s order, dated September 20, 1968 and as amended from time to time, pursuant to section 17 of *The Oil and Gas Conservation Act*;

(b) “**non-heavy oil area**” means an area that is not a heavy oil area.

5 Apr 2012 cO-2 Reg 6 s37.

Set-back distances

38 Unless otherwise ordered by the minister pursuant to section 17 or 17.1 of the Act:

(a) for heavy oil areas the productive horizontal section of a horizontal well must be set back:

(i) a minimum of 100 metres from a diversely owned lease boundary; and

(ii) 100 metres from a productive vertical well or from the productive horizontal section of another horizontal well;

(b) for non-heavy oil areas:

(i) the entire productive horizontal section of a horizontal well must be set back a minimum of 100 metres from a diversely owned lease boundary; and

(ii) the productive horizontal section of a horizontal well must be set back a minimum of 150 metres from a productive vertical well or from the productive horizontal section of another horizontal well.

5 Apr 2012 cO-2 Reg 6 s38.

Maximum allowable rate of production

39(1) The minister shall assign a maximum allowable rate of production to a horizontal well in a non-heavy oil area if:

- (a) any point of the productive horizontal section is within 500 metres of a drainage unit that:
 - (i) is part of a diversely owned lease; and
 - (ii) contains a well that, in the opinion of the minister, is productive; and
 - (b) either:
 - (i) written consents from all owners and fee simple mineral owners in the drainage unit described in clause (a) are not provided to the minister; or
 - (ii) objections that are, in the opinion of the minister, valid in response to a public notice regarding an application for good production practice are received by the minister from an owner or a fee simple mineral owner in the drainage unit described in clause (a).
- (2) If a horizontal well contravenes the set-back distances mentioned in section 38 without an order of the minister allowing it to contravene the set-back distances, the well must not be completed or placed on production.
- (3) If the minister initially allows a horizontal well in a non-heavy area to produce under good production practice and the circumstances change so that clause (1)(a) applies, the minister may assign a maximum allowable rate of production to the horizontal well to be effective as of the later of:
- (a) 24 months from the first day of the month in which production commenced; and
 - (b) three months from the day the minister assigns the maximum allowable rate of production.
- (4) The minister may, on application pursuant to section 6, allow a well to produce under good production practice if:
- (a) the minister initially assigns a maximum allowable rate of production to a horizontal well; and
 - (b) the operator informs the minister that the circumstances have changed.
- (5) Notwithstanding subsection (1), the minister may allow a horizontal well to produce under good production practice if the minister is of the opinion that:
- (a) if a public notice were provided in accordance with subclause (1)(b)(ii), no valid objection would exist; and
 - (b) equitable drainage of oil will not be adversely affected.
- (6) Notwithstanding subsections (1) to (5), if the minister is of the opinion that an operator of a horizontal well is not adhering to good production practice, the minister may assign a maximum allowable rate of production to the horizontal well.

PART VII
Drilling, Completing and Servicing Wells

Deviation and directional surveys

40(1) On the request of the minister, the operator of a well shall make deviational surveys during drilling at intervals of not more than 150 metres.

(2) Unless otherwise approved by the minister on an application pursuant to section 6, the operator of a well shall make a directional survey of the well within 30 days after the finished drilling date of the well if the well is:

- (a) directionally drilled, slant drilled or horizontally drilled; or
- (b) to be placed on production in any of the following circumstances:
 - (i) the surface location of the well is nearer to the boundary of its target area than 2% of the depth of the well;
 - (ii) the surface location of the well is outside its target area.

(3) The operator of a well shall, within 30 days after making a directional survey, submit to the minister:

- (a) the survey report; and
- (b) the “as drilled” survey plan.

(4) In the case of a horizontal well, the operator of the horizontal well shall, within 30 days after making a directional survey, submit to the minister for each horizontal section drilled:

- (a) the survey report; and
- (b) the “as drilled” survey plan.

(5) The minister may require the operator of a well to make further deviational or directional surveys and may specify the manner of making the surveys.

(6) Every “as drilled” survey plan must:

- (a) include all the information for a survey plan as required pursuant to the application submitted pursuant to section 8.1 of the Act; and
- (b) show the actual casing point or landing point and the actual bottom-hole location:
 - (i) in relation to the boundaries of the section; and
 - (ii) in relation to the well site by rectangular co-ordinates; and
- (c) show the actual trajectory for any directionally drilled, slant drilled or horizontally drilled well.

5 Apr 2012 cO-2 Reg 6 s40.

Removal of drilling equipment

41(1) Unless otherwise approved by the minister on an application pursuant to section 6, no operator shall remove or cause or permit to be removed any rig, derrick or other drilling equipment from a well unless the well has been completed in accordance with the licence issued pursuant to Part II of the Act or has been abandoned in accordance with these regulations.

(2) No operator shall, during the course of drilling or operation, remove or cause or permit to be removed any casing or other equipment essential to the proper control of a well or structure test hole unless the minister, on application pursuant to section 6, approves the removal.

5 Apr 2012 cO-2 Reg 6 s41.

Surface casing requirements

42(1) The minimum requirements for surface casing are as follows:

- (a) surface casing meeting American Petroleum Institute specifications must be used in all wells and structure test holes;
 - (b) in every well drilled, sufficient surface casing must be run to reach a minimum depth that is equal to the deepest of:
 - (i) 20 metres below the base of the glacial drift;
 - (ii) 10% of the projected total depth of the well; and
 - (iii) 75 metres;
 - (c) surface casing must be cemented in place by the pump and plug method or by the displacement method, with sufficient cement to circulate to the top of the hole; and
 - (d) cement must be allowed to set under pressure for at least eight hours before the plug is drilled.
- (2) If a float collar or guide shoe is used in setting surface casing, pressure at the surface may be released immediately on completion of the cement job but only if there is no bleed-back.
- (3) No surface casing shall be removed from any well or structure test hole.
- (4) The operator of a well that is completed to produce oil or gas or to inject fluid shall leave the annulus between the second casing string and the surface casing open to the atmosphere.
- (5) The annulus vent line must:
- (a) have a minimum diameter of five centimetres;
 - (b) extend at least 50 centimetres above ground level;
 - (c) terminate so that any flow is directed either in a downward direction or parallel to the ground;
 - (d) contain an open valve; and
 - (e) have a working pressure rating for all parts of at least 23 kilopascals for every metre of depth of the surface casing.
- (6) Notwithstanding subsections (1), (4) and (5), an operator may apply to the minister pursuant to section 6 for approval of any variation to the requirements of subsections (1), (4) and (5).

5 Apr 2012 cO-2 Reg 6 s42.

Adequate equipment and production casing

43(1) Subject to subsection (6), no equipment shall be used in drilling or completing a well unless it is in good condition, and production casing must meet American Petroleum Institute specifications and must comply in all respects with the specifications set out in the licence issued for the well and with any further specifications of the minister.

(2) Production casing is required to be cemented by the pump and plug method, the displacement method or any other approved method, and the cement must be set for at least 24 hours and properly tested by the pressure method before the plug is drilled out or the well perforated.

(3) If production casing is run through a porous zone or a zone containing fresh potable water not protected from invasion by other fluids, the zone must be cemented off by an approved method.

(4) In completing a well, the operator shall adopt methods and install equipment that the minister may specify.

(5) If it appears to the minister that any equipment or casing used in drilling or producing a well is inadequate, defective or hazardous, the minister may require the replacement or reconditioning of that equipment or casing and may order the suspension of operations until the required action is taken.

(6) Notwithstanding subsection (1), the minister may, on application pursuant to section 6, approve the use of production casing that does not meet American Petroleum Institute specifications.

5 Apr 2012 cO-2 Reg 6 s43.

General plugging and abandonment provisions

44(1) Subject to subsection (4), no well, structure test hole or oil shale core hole shall remain unplugged or uncased after it is no longer used for the purpose for which it was drilled or converted.

(2) If, in the opinion of the minister, the operations with respect to a well, structure test hole or oil shale core hole have been discontinued or delayed for an unreasonable period, the minister shall notify the licensee that the licensee shall abandon it within 90 days after the notice is sent, unless sufficient cause why it should not be abandoned is shown to the satisfaction of the minister.

(3) The minister may have a well, structure test hole or oil shale core hole abandoned at the expense of the licensee or take any other action that the minister considers advisable if within 90 days after the notice mentioned in subsection (2) is sent:

(a) a well, structure test hole or oil shale core hole is not abandoned by the licensee; and

(b) the licensee fails to show cause to the satisfaction of the minister why the well, structure test hole or oil shale core hole should not be abandoned.

- (4) The minister may extend the time for abandonment of any well, structure test hole or oil shale core hole on any terms and conditions that the minister considers advisable.
- (5) Before any work to abandon a well is commenced, the licensee shall apply for permission to abandon the well, and shall submit the application to the minister at least 48 hours before the date specified for abandonment in the application.
- (6) Abandonment operations mentioned in subsection (5) are not to be commenced until the minister approves the abandonment program or the minister has witnessed and approved the plugging of the well.
- (7) The licensee shall notify the minister of any plugs set in abandoning a well within 48 hours after setting the plugs.
- (8) A well drilled into or below the Prairie Evaporite in a commercial potash area designated by the minister pursuant to section 27 must be abandoned in accordance with the provisions of clause 27(2)(c).
- (9) Notwithstanding any other provision of these regulations, the minister may, on application pursuant to section 6, approve or substitute in whole or in part any abandonment program.

5 Apr 2012 cO-2 Reg 6 s44.

Dry hole abandonment

- 45(1)** Before any work to abandon a dry hole is commenced, the licensee shall notify the minister of the licensee's intention to abandon the well and give details of the abandonment program.
- (2) A dry hole in which only the surface casing has been set must be abandoned by:
 - (a) isolating each porous zone with a 15 metre plug or by a cement plug across the porous zone extending 15 metres above and 15 metres below the porous zone;
 - (b) placing a cement plug of a minimum length of 30 metres across the surface casing shoe;
 - (c) cutting off the surface casing one metre below ground level;
 - (d) welding a steel plate over the end of the casing in order to completely close off the open end;
 - (e) filling the interval between the plugs with an approved, heavy, mud-laden fluid;
 - (f) placing cement in the hole by:
 - (i) pumping through tubing;
 - (ii) pump and plug; or
 - (iii) any other approved method;

- (g) ensuring that all plugs:
 - (i) deeper than 580 metres measured from the kelly bushing, except the plug at the bottom of the well, are probed for after waiting four hours for the cement to harden and are able to withstand a force of 18 kilonewtons; and
 - (ii) above 580 metres measured from the kelly bushing are probed for after:
 - (A) waiting eight hours for cement to harden and are able to withstand a force of 18 kilonewtons; or
 - (B) a waiting time less than eight hours, but only if the minister is present to observe that the cement plug withstands a force of 18 kilonewtons;
- (h) resetting a plug if it fails to withstand the required force;
- (i) resetting a plug if it is found to be displaced a distance that renders it inadequate for the purpose of sealing off or isolating the porous or water-bearing stratum for which it was set; and
- (j) if the Prairie Evaporite is encountered in a dry hole located outside a commercial potash area designated by the minister pursuant to subsection 27(1), sealing off the Prairie Evaporite by a cement plug extending from 15 metres above to 15 metres below the Prairie Evaporite or the total depth, whichever is less, and, if the plug is not at the bottom of the well, probing for it after waiting four hours for the cement to harden and ensuring that it is able to withstand a force of 18 kilonewtons.

5 Apr 2012 cO-2 Reg 6 s45.

Production well abandonment outside pools

46(1) If a well is abandoned after the production casing has been set and no casing has been pulled, the well must be abandoned using the methods set out in subsection (2) if:

- (a) the well is not within a pool and there is no danger of contamination of an upper formation by water channelling through the cement behind the casing;
 - (b) there is no danger of bottom water contaminating the same formation in an offset well; or
 - (c) the well has not been producing sufficient gas to be called a gas well.
- (2) In the circumstances mentioned in subsection (1), the well must be abandoned by:
- (a) setting a mechanical bridging plug immediately above the perforations or the open hole and a cement plug three metres in length on top of the bridging plug or setting a cement plug by displacement to extend:
 - (i) from below the perforations to at least 15 metres above the perforations; or
 - (ii) in the case of an open hole completion, from the bottom of the hole to at least 15 metres above the casing shoe;

and probing for the plug after waiting eight hours for the cement to harden and ensuring that the plug is able to withstand a force of 18 kilonewtons;

- (b) testing the bottom plug for proper shut-off;
- (c) filling the casing to the surface with an approved fluid;
- (d) cutting off the surface casing one metre below ground level and cutting off the production string one metre below ground level;
- (e) welding a steel plate in order to completely close off the annulus between the surface casing and the production casing; and
- (f) welding a steel plate in order to completely close off the end of the production casing.

5 Apr 2012 cO-2 Reg 6 s46.

Production well abandonment inside pools

47(1) A well must be abandoned in the manner set out in subsection (2), if the well is abandoned after the production casing has been set and no casing has been pulled and:

- (a) the well is within a pool and there is danger of contamination of an upper formation by water channelling through the cement behind the casing;
- (b) there is danger of bottom water contaminating the same formation in an offset well; or
- (c) the well has been producing sufficient gas to be called a gas well.

(2) In the circumstances set out in subsection (1), the well must be abandoned by:

- (a) setting a cast iron retainer immediately above the highest perforated interval or open hole and squeezing cement into the fluid bearing formation until a satisfactory pressure is obtained indicating proper shut-off; and
- (b) completing the abandonment program in accordance with clauses 46(2)(b) to (f).

(3) Notwithstanding any other provision of this Part, the minister may, on application pursuant to section 6, approve special abandonment programs for depleted pools or depleted portions of pools.

5 Apr 2012 cO-2 Reg 6 s47.

Structure test hole and oil shale core hole abandonment

48(1) A structure test hole or oil shale core hole drilled to a total depth of more than 180 metres from the surface must be abandoned by:

- (a) placing a cement plug of a minimum length of 15 metres immediately above, below or through each porous zone and, if the operator elects to set a plug through the porous zone, extending the plug from 15 metres below to 15 metres above the zone except if the bottom of the hole is in a porous zone;
- (b) if any surface casing has been run, placing a cement plug of a minimum length of 30 metres across the surface casing shoe;

- (c) cutting off the casing one metre below ground level;
 - (d) welding a steel plate over the end of the surface casing in order to completely close off the end; and
 - (e) if no surface casing has been run, running a cement plug from 15 metres below any potable fresh water sands to the surface.
- (2) If a structure test hole or an oil shale core is drilled to a total depth of less than 180 metres from the surface, it must be abandoned by:
- (a) filling the hole with drilling mud and the material obtained during drilling;
 - (b) inserting a plug one metre in length in the hole to a depth of one metre below the surface;
 - (c) if the plug inserted in the hole is not made of concrete or cement, placing a plank five centimetres thick, 30 centimetres wide and 60 centimetres long immediately over the plug and filling the hole above the plank with dry cement to a depth of at least 15 centimetres;
 - (d) tamping and filling the hole to the top; and
 - (e) spreading any excess drilling mud and material over the surrounding ground.
- (3) On completion of a structure test hole or an oil shale core hole program, the owner shall submit a record of the abandonment to the minister.

5 Apr 2012 cO-2 Reg 6 s48.

PART VIII Production Operations

Gas-oil ratios

49 No oil well shall produce gas in excess of a gas-oil ratio of 3 500 cubic metres of gas to each cubic metre of oil unless the minister, on application pursuant to section 6, approves the excess gas production.

5 Apr 2012 cO-2 Reg 6 s49.

Gas conservation

50 The minister may require the operator of an oil well from which gas is produced or another well producing or capable of producing gas to:

- (a) restrict or discontinue the production of gas from the well; or
- (b) collect and either:
 - (i) utilize the gas produced; or
 - (ii) sell the gas produced.

5 Apr 2012 cO-2 Reg 6 s50.

Flaring or venting gas

- 51(1)** No person shall allow the volume of gas produced in association with oil and released to the atmosphere from an oil well or facility by flaring, venting or a combination of both flaring and venting to exceed 900 cubic metres per day unless it is an emergency and a reasonable level of precaution has been taken to protect human health, public safety, property and the environment and to prevent fire or explosion.
- (2) Notwithstanding subsection (1), no person shall vent any volume of gas or vapour from a well or facility that contains hydrogen sulphide in a concentration greater than 10 parts per million or 0.01 moles per kilomole as measured at the edge of the lease or property boundary unless it is an emergency and a reasonable level of precaution has been taken to protect human health, public safety, property and the environment and to prevent fire or explosion.
- (3) The gas mentioned in subsections (1) and (2) must be collected or disposed of in a manner satisfactory to the minister.
- (4) No flare stack must be located:
- (a) within 75 metres of any surface improvement;
 - (b) in the case of a flare stack installed on or after January 1, 2008, within 100 metres of an urban centre; or
 - (c) in the case of a flare stack installed before January 1, 2008, within 75 metres of an urban centre.
- (5) No person shall, install, use or have on site a flare pit in conjunction with production and operation of a well or facility.
- (6) Flare pits may only be used in a drilling operation in a manner as determined by the minister.
- (7) Notwithstanding subsections (5) and (6), no flare stack, flare pit or end of the flare line:
- (a) in the case of a flare stack, flare pit or flare line installed on or after January 1, 2008, shall be placed or remain:
 - (i) within 50 metres of a well or oil storage tank; or
 - (ii) within 25 metres of any oil or gas processing equipment; or
 - (b) in the case of a flare stack, flare pit or flare line installed before January 1, 2008, shall be placed or remain:
 - (i) within 45 metres of a well or oil storage tank; or
 - (ii) within 23 metres of any oil or gas processing equipment.
- (8) Notwithstanding subsections (1) to (7), an operator may apply to the minister pursuant to section 6 for approval of any variation of the requirements of this section.

Commingling of production prohibited

52 The production from a zone shall not be commingled with that from another zone before measurement unless the minister, on application pursuant to section 6, approves the commingling.

5 Apr 2012 cO-2 Reg 6 s52.

Disposal of waste and other substances

53(1) An operator who wishes to dispose of oil-and-gas wastes or non-oil-and-gas substances into subsurface formations shall provide the minister with:

- (a) a plan in an approved form and manner for the disposal;
 - (b) the written consent of all owners and all fee simple mineral owners, other than the Crown, that in the opinion of the minister may reasonably be adversely affected by the disposal; and
 - (c) any other information that the minister may require.
- (2) On receipt of a plan pursuant to subsection (1), the minister may:
- (a) if the minister is satisfied that the plan complies with the Act and these regulations, approve the plan, subject to any terms and conditions that the minister considers appropriate; or
 - (b) refuse to approve the plan.
- (3) No person shall dispose of oil-and-gas wastes, including but not limited to drilling fluids and waste oil or refuse from tanks or wells, in a manner other than disposal into a subsurface formation, unless the minister, on application pursuant to section 6, has approved of the disposal.
- (4) No operator shall allow oil-and-gas wastes or non-oil-and-gas substances to constitute a hazard to public health or safety or to contaminate fresh water or arable land, notwithstanding any compliance or intended or purported compliance with a plan mentioned in subsection (1).
- (5) Every operator shall test and inspect all injection wells at least once every year to ensure that:
- (a) there are no production casing, tubing or packer failures;
 - (b) the tubing-production casing annulus is filled with a satisfactory corrosion inhibiting fluid; and
 - (c) injection flow lines are in good working order without leakage or risk of leakage due to corrossions or material defects.
- (6) Every operator shall submit the results of tests and inspections conducted pursuant to subsection (5) to the minister within 30 days after conducting the test and inspection.
- (7) In addition to the requirement to test and inspect in subsection (5), the minister may require an operator to conduct additional tests and inspections.
- (8) The operator shall conduct any test and inspection required pursuant to subsection (7) within 14 days after receiving the request.

5 Apr 2012 cO-2 Reg 6 s53.

Enhanced oil recovery projects and horizontal drilling

54(1) An operator who wishes to conduct horizontal drilling or any project for the enhanced recovery of oil or gas through the use of repressuring, pressure maintenance or other stimulation techniques, including the introduction of oil, gas or other substances or energy, shall provide the minister with a plan in an approved form and manner for horizontal drilling or for any project for enhanced recovery and any other information that the minister may require.

(2) On receipt of a plan pursuant to subsection (1), the minister may:

(a) if the minister is satisfied that the plan complies with the Act and these regulations, approve the plan, subject to any terms and conditions that the minister considers appropriate; or

(b) refuse to approve the plan.

(3) If the minister approves a plan for the enhanced recovery of oil or gas pursuant to subsection (2), the operator shall notify the minister of:

(a) the commencement date of operations, within 14 days after the commencement; and

(b) the discontinuance of the operations, together with the reasons for the discontinuance, within 14 days after the discontinuance.

5 Apr 2012 cO-2 Reg 6 s54.

Salt water storage and emergency earthen pits

55(1) In areas determined by the minister, the operator shall provide:

(a) if the facility handles not more than 120 cubic metres of produced water per day, equivalent tankage; and

(b) if the facility handles more than 120 cubic metres of produced water per day:

(i) if the facility has an approved fail-safe shut-down control device, a minimum tank volume of 120 cubic metres; or

(ii) if the facility does not have a device mentioned in subclause (i), equivalent tankage.

(2) All new and replacement tanks must be internally protected against corrosion and surrounded by a dike with a capacity equal to the largest tank or a greater capacity that the minister may require.

(3) In approved areas, earthen pits may be used to contain salt water on an emergency basis if:

(a) the pits are lined with a commercially available lining;

(b) pit size does not exceed production requirements;

(c) the pits incorporate an approved monitoring system that can monitor both horizontal and vertical seepage;

- (d) the pits are used in an emergency only and their contents are disposed of within 48 hours in accordance with section 53; and
 - (e) the pits are maintained to prevent the escape of salt water and adequately fenced when fencing is dictated by safety considerations, or by a surface owner's request.
- (4) Notwithstanding subsections (1) to (3), an operator may apply to the minister pursuant to section 6 for approval of any variation of the requirements of this section.

5 Apr 2012 cO-2 Reg 6 s55.

PART IX

Decommissioning and Reclaiming Wells and Facility Sites

Decommissioning and reclamation of well and facility sites

- 56(1)** On completion of abandonment of a well, the licensee or the operator shall:
- (a) conduct an environmental site assessment in a manner specified by the minister;
 - (b) decommission the well site to standards specified by the minister;
 - (c) reclaim the well site to standards specified by the minister; and
 - (d) reclaim any area that is beyond the boundaries of the well site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the well.
- (2) On decommissioning of a facility, the licensee or the operator shall:
- (a) conduct an environmental site assessment in a manner specified by the minister;
 - (b) decommission the facility site to standards specified by the minister;
 - (c) reclaim the facility site to standards specified by the minister; and
 - (d) reclaim any area that is beyond the boundaries of the facility site and that, in the opinion of the minister, has been damaged, contaminated or otherwise adversely affected by the operations of the facility.
- (3) Within six months after the completion of the activities mentioned in subsection (1) or (2), as the case may be, the licensee or the operator shall submit to the minister a reclamation report and any other information required by the minister.
- (4) The minister shall issue an acknowledgement of reclamation if the licensee or the operator:
- (a) has met the requirements of subsection (1) or (2) to the satisfaction of the minister; and
 - (b) submits the following to the minister:
 - (i) a request for acknowledgement of reclamation;
 - (ii) a reclamation report specified in subsection (3), that is satisfactory to the minister;
 - (iii) any other information reasonably required by the minister.

- (5) The issuance of an acknowledgement of reclamation does not relieve a licensee, operator or working interest participant of the licensee's, operator's or working interest participant's past, present or future environmental liability associated with the well or facility site that is the subject of the acknowledgement of reclamation.
- (6) The minister may:
- (a) impose any conditions or terms in an acknowledgement of reclamation that the minister considers appropriate; or
 - (b) cancel an acknowledgement of reclamation if the minister considers it appropriate to do so.
- (7) Notwithstanding subsections (1) and (2), a licensee or operator may apply to the minister pursuant to section 6 for approval of any variation of the requirements of subsections (1) and (2).

5 Apr 2012 cO-2 Reg 6 s56.

Shooting and chemical treatment of wells

- 57(1)** If damage is done to a well by perforating, chemically treating or fracturing, the operator shall promptly repair or abandon the well to the satisfaction of the minister if the repair or abandonment is reasonably necessary to prevent wasteful operations, to protect human health, public safety, property or the environment or to prevent fire or explosion.
- (2) The operator shall provide notice to the minister of any repair or abandonment conducted pursuant to subsection (1).

5 Apr 2012 cO-2 Reg 6 s57.

Tests and remedial measures

- 58** If it appears to the minister that oil, gas, water or any other substance in a well is not effectively shut off, the minister may require an operator to do any of the following:
- (a) conduct tests, logs or analyses of the well;
 - (b) take remedial measures.

5 Apr 2012 cO-2 Reg 6 s58.

Liability for improper abandonment and reclamation

- 59(1)** If abandonment of the well or facility and reclamation of the well site, facility site and associated flowline and any off-site contamination caused by the construction or operation of the well or facility do not meet the standards set out in these regulations or specified by the minister, the minister may require the licensee or operator to remedy the default or defect within the period specified by the minister.
- (2) If a licensee or operator does not comply with a requirement of the minister pursuant to subsection (1), the minister may take the steps necessary to carry out abandonment and reclamation in accordance with these regulations.
- (3) All costs and expenses incurred by the minister in carrying out the abandonment and reclamation are a debt due to the Crown in right of Saskatchewan by the licensee or operator and may be recovered in the manner authorized by *The Financial Administration Act, 1993* or in any other manner authorized by law.

5 Apr 2012 cO-2 Reg 6 s59.

PART X
Prevention of Losses, Injuries, Damages and Fires

Permissible receptacles for storage

60(1) A pressure vessel that is regulated pursuant to *The Boiler and Pressure Vessel Act, 1999* is exempt from the requirements of this Part other than the provisions respecting the spacing of equipment.

(2) No earthen structure or excavation shall be used as a receptacle for oil, condensate, refined chemicals, oil and gas waste or non-oil-and-gas substances.

(3) No oil, salt water or other fluids, and no solids produced from a well, shall be stored in storage receptacles that, in the opinion of the minister, are inadequate or likely to cause waste or loss or result in leakage, environmental or volatile organic compound evaporation hazards.

(4) Notwithstanding subsection (3), materials that are used, produced or generated at a well site or facility, other than fresh water and inert solids, must be stored in a manner specified by the minister.

(5) Above-ground tanks, underground tanks, containers, lined earthen excavations and bulk pads must meet the requirements for construction and design standard, scheduled integrity verification, secondary containment, leak detection and weather protection in a manner specified by the minister.

(6) All tanks or batteries of tanks must be surrounded by an impermeable dike that is designed and constructed to the requirements specified by the minister, and the dike must be maintained in good condition and free from high grass, weeds or combustible material.

(7) Notwithstanding subsections (1) to (6), on the application of an operator pursuant to section 6, the minister may approve storage methods, systems or devices alternative to those specified in this section if, in the opinion of the minister, the level of environmental protection provided is satisfactory.

5 Apr 2012 cO-2 Reg 6 s60.

Location of tanks and batteries

61(1) Notwithstanding any conditions of a licence or minister's order and subject to *The Fire Prevention Act, 1992*, an oil tank, or two or more above-ground storage tanks, used to store materials that are used, produced or generated at a well site or facility, other than fresh water and inert solids, must be located so that the outer perimeter of any dike is not less than:

(a) 75 metres from any right of way of any surface improvement, occupied dwelling, permanent farm building, public facility or urban centre, unless the minister, on application pursuant to section 6, approves otherwise; and

(b) 100 metres from a water body.

(2) Unless otherwise approved by the minister on an application pursuant to section 6, no oil tank or battery of tanks shall be located:

(a) in the case of an oil tank or battery of tanks installed at a well on or after January 1, 2008, within 50 metres of any well; or

(b) in the case of an oil tank or battery of tanks installed at a well before January 1, 2008, within 45 metres of any well.

5 Apr 2012 cO-2 Reg 6 s61.

Well or facility housekeeping

62(1) In this section:

- (a) **“contaminated product”** includes:
 - (i) spilled material that has come in contact with another substance so that it cannot be used for the purpose it was originally intended for, or in any other process; and
 - (ii) any snow, soil, water or debris that the spilled material comes in contact with;
 - (b) **“spilled material”** includes oil, salt water, condensate, natural gas liquids, refined chemicals and any other substances produced, generated or used at a well or facility and any combination of those materials.
- (2) Immediately after the completion of an oil or gas well, the operator shall clear the area around the well of all refuse material and, as soon as weather conditions permit:
- (a) dispose of drilling waste and decommission the drilling waste sump in a manner specified by the minister;
 - (b) drain and fill all excavations;
 - (c) level the surface around the well; and
 - (d) maintain the well site in a neat and orderly condition.
- (3) Unless otherwise approved by the minister on an application pursuant to section 6, all oil and gas waste from tanks or wells must be drained into proper receptacles that are located:
- (a) in the case of a receptacle installed on or after January 1, 2008, not less than 50 metres from any tank, well or building, and immediately removed from the well site or facility site; or
 - (b) in the case of a receptacle installed before January 1, 2008, not less than 45 metres from any tank, well or building, and immediately removed from the well or facility site.
- (4) No inflammable substances, contaminated products or waste products of any kind from an oil or gas well or facility shall be allowed to flow over the land, run into a water body or onto any highway or public road.
- (5) If an event mentioned in subsection 99(1) occurs, the operator shall:
- (a) implement the operator’s emergency response plan and take immediate steps to contain and clean up the spilled material;
 - (b) ensure that any contaminated product is:
 - (i) processed in the operator’s own facility;
 - (ii) sent to a waste processing facility; or
 - (iii) disposed of in another manner that is satisfactory to the minister; and
 - (c) remediate the area to a state that is satisfactory to the minister.

- (6) The operator shall process all spilled materials:
 - (a) at a facility that is licensed pursuant to the Act; or
 - (b) in a manner that is satisfactory to the minister.

5 Apr 2012 cO-2 Reg 6 s63.

Fire equipment and engine exhaust safety

63(1) Every operator shall safeguard all fires used at the operator's well by sufficient mechanical or other means to prevent the creation of any hazard.

(2) Unless the well is a water supply well or a water injection well, no flame-type equipment, including a steam boiler, generator or heater, shall be placed or remain within:

- (a) in the case of flame-type equipment installed on or after January 1, 2008, 25 metres of a well or oil storage tank; or
- (b) in the case of flame-type equipment installed before January 1, 2008, 23 metres of a well or oil storage tank.

(3) Unless the air intake of the burner of the flame-type equipment is fitted with an adequate flame arrester, no flame-type equipment shall be placed or remain within:

- (a) in the case of flame-type equipment installed on or after January 1, 2008, 25 metres of any separator or dehydrator; or
- (b) in the case of flame-type equipment installed before January 1, 2008, 23 metres of any separator or dehydrator.

(4) No flame-type equipment shall be located in the same building as any other flame-type equipment, separator or dehydrator unless:

- (a) the flues of all burners are located outside the building;
- (b) relief valves, safety heads and other sources of ignitable vapours are vented outside the building and discharged above roof level; and
- (c) the building is adequately cross-ventilated.

(5) An exhaust pipe from an internal combustion engine must be constructed in the manner set out in subsection (6) if it is located:

- (a) in the case of an exhaust pipe installed on or after January 1, 2008, within 25 metres of any oil or gas well, separator, oil storage tank or other unprotected source of ignitable vapour; or
- (b) in the case of an exhaust pipe installed before January 1, 2008, within 23 metres of any oil or gas well, separator, oil storage tank or other unprotected source of ignitable vapour.

(6) If subsection (5) applies to an exhaust pipe, it must be constructed so that:

- (a) any emergence of flame along its length or at its end is prevented; and
- (b) the end is not closer than six metres to the vertical centre line of the well and is directed away from the well.

(7) All vessels and equipment from which ignitable vapours may issue must be safely vented to the atmosphere, and all vent lines from oil storage tanks that are vented to flare pits must be provided with flame arresters or other equivalent safety devices.

(8) All battery piping must be properly arranged and provided with control valves for shutting off oil or gas in the event of fire in the battery installations.

(9) Notwithstanding subsection (2), the minister may, on application pursuant to section 6, approve the use of open flame tank heaters in oil fields and pools where heavy gravity oil is produced.

(10) Notwithstanding any other provision of this section, the minister may, on application pursuant to section 6, approve any distance shorter than those set out in this section.

5 Apr 2012 cO-2 Reg 6 s63.

Use of direct well pressures prohibited

64 No direct well pressure shall be used to operate any machinery, except gas-operated valves, regulators and chemical injector pumps.

5 Apr 2012 cO-2 Reg 6 s64.

Vacuum devices prohibited

65(1) No person shall use a device for the purpose of creating a vacuum in a gas or oil-bearing stratum unless the minister, on application pursuant to section 6, approves the use of the device.

(2) On receipt of an application pursuant to subsection (1), the minister may provide public notice of the application.

5 Apr 2012 cO-2 Reg 6 s65.

Uncontrolled well flow prohibited

66 No well shall be allowed to flow uncontrolled.

5 Apr 2012 cO-2 Reg 6 s66.

Drill stem testing

67 No drill pipe shall be disconnected during a drill stem test unless:

- (a) the rig is adequately lighted by:
 - (i) natural light; or
 - (ii) floodlights that may be located within 25 metres of the wellhead, but only if the floodlights have no electrical equipment capable of igniting gas or oil; and
- (b) there is no possibility of any oil or gas being present in the drill pipe.

5 Apr 2012 cO-2 Reg 6 s67.

Diesel engine operations

68(1) Unless the minister, on application pursuant to section 6, approves otherwise, an operator shall provide a diesel engine with the devices and systems mentioned in subsection (2) if the diesel engine is working:

- (a) in the case of a diesel engine installed on or after January 1, 2008, within 25 metres of the well; or
 - (b) in the case of a diesel engine installed before January 1, 2008, within 23 metres of the well.
- (2) An operator shall provide a diesel engine to which subsection (1) applies with:
- (a) either:
 - (i) adequate air intake shut-off valves, equipped with a remote control readily accessible from the driller's station; or
 - (ii) a system for injecting an inert gas into the engine's cylinders, equipped with a remote control readily accessible from the driller's station; and
 - (b) a suitable duct so that air for the engine is obtained:
 - (i) in the case of a diesel engine installed on or after January 1, 2008, at least 25 metres from the well; or
 - (ii) in the case of a diesel engine installed before January 1, 2008, at least 23 metres from the well.
- (3) When an installation is made in accordance with clause (1)(a) or (b), the operator shall test for the stopping of the engine by remote control:
- (a) before the cement plug at the shoe of the surface casing is drilled out or, if the well has been completed, before any servicing operations commence; and
 - (b) at least once in each seven-day period during the drilling or servicing of the well.
- (4) Every operator shall maintain records with respect to tests conducted pursuant to this section for a period of 30 days following completion of drilling or servicing operations.

5 Apr 2012 cO-2 Reg 6 s68.

Use of high vapour pressure hydrocarbon

69(1) In this section, "**high vapour pressure hydrocarbon**" means any hydrocarbon and stabilized hydrocarbon mixture with a Reid vapour pressure greater than 14 kilopascals.

- (2) Before the operator of a well uses more than 1.5 cubic metres of high vapour pressure hydrocarbons in well completions or stimulations, the operator shall notify the minister.
- (3) If the operator of a well uses more than 1.5 cubic metres of high vapour pressure hydrocarbons in well completions or stimulations pursuant to subsection (2), the operator shall:
 - (a) not use open tanks for storing or gauging or measuring the pump rate;
 - (b) maintain a minimum distance of 50 metres between the wellhead and tank;

- (c) install positive shut-off valves between the tank and pump and between the pump and wellhead;
 - (d) install a check valve between the pump and the well to prevent back flow from the well;
 - (e) pressure test all surface lines downstream from the pump to 10 000 kilopascals above the anticipated maximum pressure to be encountered; and
 - (f) ensure that no wasteful operations occur.
- (4) Unless the minister, on application pursuant to subsection (5), approves otherwise, no operator shall blend high vapour pressure hydrocarbons with propping agents for the purpose of hydraulically fracturing a formation.
- (5) On the application of an operator pursuant to section 6, the minister may approve the blending of high vapour pressure hydrocarbons with propping agents if the minister is satisfied that there is no other carrying fluid available that will be similarly effective.

5 Apr 2012 cO-2 Reg 6 s69.

PART XI

Drilling and Servicing Blow-out Prevention

General drilling blow-out prevention

70(1) Subject to subsection (9) and sections 71 to 73, the operator of a well being drilled shall install and at all times maintain blow-out prevention equipment containing:

- (a) a hydraulically operated annular-type preventer that is capable of closing over the open hole or any tool or drilling string utilized while drilling is in progress;
- (b) either:
 - (i) two hydraulically operated single-gate type preventers, one a blind-ram type and one a pipe-ram type; or
 - (ii) a hydraulically operated double-gate type preventer utilizing pipe-rams and blind-rams;
- (c) a drilling spool containing flanged side outlets, one of which has a minimum inside diameter of 63.5 millimetres;
- (d) a flanged surface casing bowl, with the flange as an integral part of the bowl and with valves on both side outlets, which may not be removed without the permission of the minister;
- (e) a bleed-off line, located above the lowest ram-type preventer that:
 - (i) has a minimum inside diameter of 63.5 millimetres;
 - (ii) is connected to the drilling spool by means of two flanged valves, each with a minimum inside diameter of 63.5 millimetres;

- (iii) has flanged connections with a minimum inside diameter of 63.5 millimetres from the drilling spool down to and including the last control valve;
- (iv) has, in the discretion of the operator, screwed connections on that section of the bleed-off line downstream from the last choke manifold control valve;
- (v) terminates at a flare pit that:
 - (A) is a minimum of 50 metres from the well bore; and
 - (B) is securely tied down; and
- (vi) is constructed of:
 - (A) straight pipe or pipe with 1.57 radian bends consisting of running tees bull-plugged on fluid turns; or
 - (B) an approved fireproof flexible hose that, at a minimum:
 - (I) has a pressure rating equal to that of the blow-out preventer system;
 - (II) has factory installed connections;
 - (III) is sheathed to provide an adequate fire resistant rating;
 - (IV) is marked so that its manufacturer can be readily determined;
 - (V) does not contain any bends with a radius less than the manufacturer's specified minimum bending radius; and
 - (VI) is secured to prevent stresses on the connecting valves and piping and is protected from mechanical damage;
- (f) a kill line that is:
 - (i) located above the lowest ram preventer by means of two full opening valves; and
 - (ii) constructed of:
 - (A) steel lines; or
 - (B) a fireproof flexible hose constructed to the same minimum standards for the bleed-off line as specified in paragraph (e)(vi)(B); and
 - (C) connected to the rig pump manifold;
- (g) a choke manifold that:
 - (i) contains a gauge connection at which well pressure may be measured;
 - (ii) is located:
 - (A) outside of, but not attached to, the substructure; or
 - (B) at some approved predetermined point;

- (iii) is at all times readily accessible;
 - (iv) has a centre run of the choke manifold with a minimum inside diameter of 63.5 millimetres containing flanged connections;
 - (v) has side wings, which may be constructed of 50 millimetre nominal diameter fittings and contain screwed connections, but that are equipped with two chokes at least one of which is adjustable;
 - (h) a valve in the kelly assembly or at the base of the drill string that can keep undue pressure off the kelly hose; and
 - (i) stabbing valves that can be connected to the top of any drill pipe in the well.
- (2) All blow-out prevention components in the blow-out prevention stack, bleed-off line and manifold are required to have a minimum safe working pressure of 14 000 kilopascals.
- (3) Before any drilling below the surface casing shoe, the complete blow-out prevention system must be satisfactorily pressure tested to 7 000 kilopascals, or an approved pressure, down to and including the last valve on the choke manifold.
- (4) The operating controls for each blow-out preventer and any hydraulically operated valve that may be installed on the bleed-off line must be located with unrestricted access near the driller's station, and an additional set of clearly marked operating controls must be located at least 20 metres from the well.
- (5) If fluid under pressure is used to operate blow-out preventers, the operator shall use an accumulator system:
- (a) subject to clause (b), of sufficient pressure and capacity to:
 - (i) effect full closure of the annular preventer and to open the hydraulically operated valve on the bleed-off line; or
 - (ii) simultaneously close the annular preventer and one element of the ram-type preventer if the valve on the bleed-off line is not hydraulically operated;
 - (b) that retains a pressure of 8 400 kilopascals at the pressure source and following the activity described in subclause (a)(i) or (ii), recovers the accumulator pressure drop within five minutes after effecting the activity described in subclause (a)(i) or (ii); and
 - (c) that is connected to a nitrogen emergency source of not less than 12 500 kilopascals, and with nitrogen containers having pressure gauges installed or readily available for installation, is capable of opening the hydraulically operated valve on the bleed-off line, and closing both the annular preventer and one element of the ram-type preventer.
- (6) All ram-type blow-out preventers that are not equipped with automatic ram locking devices must have hand wheels installed or readily accessible for installation.
- (7) While a well is being drilled, the operator shall:
- (a) operate appropriate blow-out prevention equipment daily and, if the operator finds the equipment to be defective, the operator shall make it serviceable before operations are resumed; and

- (b) report the full particulars of all testing in the daily drilling record including, in the case of a pressure test, the pressure applied and the duration of the test.
- (8) The operators of all drilling blow-out prevention equipment shall:
- (a) ensure that all persons employed on the drilling rigs have an adequate understanding of, and are able to operate, the blow-out prevention equipment; and
- (b) maintain blow-out prevention equipment so that its operation will not be impaired by low temperatures.
- (9) Notwithstanding subsections (1) to (8), an operator may apply to the minister pursuant to section 6 for approval of any variation in blow-out prevention equipment.
- (10) In addition to any approval granted pursuant to subsection (9), the minister may, on the minister's own initiative, direct any variation in blow-out prevention equipment that the minister considers appropriate.

5 Apr 2012 cO-2 Reg 6 s70.

Tangleflags Area

71(1) In this section, "**Tangleflags Area well**" means any well drilled within Township 50, 51 or 52, in Ranges 22 to 26, inclusive, west of the Third Meridian, in Saskatchewan.

- (2) Subject to subsection (3), the operator of a Tangleflags Area well being drilled shall install and at all times maintain blow-out prevention equipment in compliance with section 70, with the following equipment specification exceptions:
- (a) one of the flanged side outlets on the drilling spool must have a minimum inside diameter of 76.2 millimetres;
- (b) the minimum inside diameter for all bleed-off line specifications is 76.2 millimetres; and
- (c) the centre run of the choke manifold must have a minimum inside diameter of 76.2 millimetres.
- (3) The operator of a Tangleflags Area well may, in lieu of the 76.2-millimetre inside diameter specifications mentioned in subsection (2), substitute 76.2-millimetre nominal equipment, but only if an additional 76.2-millimetre nominal line from the blow-out prevention stack to the flare pit is incorporated.
- (4) The outlet for the additional line mentioned in subsection (3) may be incorporated directly in the blow-out prevention stack or spool, but only if a flanged connection is an integral part of the blow-out prevention stack or spool.

5 Apr 2012 cO-2 Reg 6 s71.

Medicine Hat Area

72(1) In this section, "**Medicine Hat Area well**" means any well drilled to develop the Medicine Hat formation in south-west Saskatchewan as designated by the minister.

(2) The operator of a Medicine Hat Area well being drilled shall install and at all times maintain blow-out prevention equipment in compliance with section 70, with the following equipment specification exceptions:

- (a) either:
 - (i) a hydraulically operated annular type preventer must be installed; or
 - (ii) a hydraulically operated double-gate type preventer utilizing pipe-rams and blind-rams must be installed;
- (b) the surface casing bowl must have two 50-millimetre side outlets;
- (c) the bleed-off line may contain flanged or screwed connections but must:
 - (i) have a minimum inside diameter of 50 millimetres for all bleed-off line specifications; and
 - (ii) be connected to one outlet of the surface casing bowl by means of a valve having a nominal diameter of 50 millimetres;
- (d) the choke manifold must have:
 - (i) a centre run with a minimum nominal diameter of 50 millimetres, but it may contain screwed fittings; and
 - (ii) side wings that are constructed with 50-millimetre nominal diameter fittings, but they may contain screwed fittings.

5 Apr 2012 cO-2 Reg 6 s72.

Milk River Area

73(1) In this section, “**Milk River Area well**” means any well drilled to develop the Milk River formation as designated by the minister.

(2) The operator of a Milk River Area well being drilled shall install and at all times maintain blow-out prevention equipment in compliance with section 70, with the following equipment specification exceptions:

- (a) the equipment specifications are those provided for a Medicine Hat Area well in section 72;
- (b) if air drilling is undertaken, equipment specifications are those set out in subsection (3); or
- (c) if mud drilling with the use of a conductor pipe is undertaken, equipment specifications are those set out in subsection (4).

(3) If the operator of a Milk River Area well undertakes air drilling, the blow-out prevention stack of the well must contain:

- (a) a full opening drill through valve;
- (b) a rotary stripper head;
- (c) a drilling spool containing an outlet with a nominal diameter of at least 100 millimetres;

- (d) a surface casing bowl containing a valve on each of two 50-millimetre side outlets; and
 - (e) a bleed-off line that:
 - (i) has a minimum nominal diameter of 100 millimetres;
 - (ii) is connected to one of the 100-millimetre nominal diameter outlets of the drilling spool; and
 - (iii) contains flanged or screwed fittings.
- (4) If the operator of a Milk River Area well undertakes mud drilling, the operator may use conductor pipe but only if the blow-out prevention stack of the well contains:
- (a) a hydraulically operated annular type preventer;
 - (b) a surface casing bowl or a drilling spool that has two 50-millimetre side outlets;
 - (c) a bleed-off line that:
 - (i) has a minimum nominal diameter of 50 millimetres;
 - (ii) is connected to one outlet of either the surface casing bowl or the drilling spool by means of a valve having a nominal diameter of 50 millimetres; and
 - (iii) contains flanged or screwed fittings; and
 - (d) a conductor pipe that may be used in lieu of surface casing only if:
 - (i) the conductor pipe is set to a minimum depth of 18 metres, is equipped with at least one centralizer and is cemented along its full length by the circulation method;
 - (ii) the conductor pipe portion of the well bore is at least 100 millimetres greater in diameter than that of the conductor pipe; and
 - (iii) when the conductor pipe is used, the bleed-off line valve is never shut in because it must be used as a diverter system only.

5 Apr 2012 cO-2 Reg 6 s73.

Servicing blow-out prevention equipment and requirements

74(1) The operator of a well being completed, serviced or reconditioned, any of which involves the movement of tubing, shall install and at all times maintain blow-out prevention equipment containing:

- (a) an annular-type preventer;
 - (b) two single gate ram-type preventers, one a blind-ram type and one a pipe-ram type; or
 - (c) a double-gate type preventer utilizing pipe rams and blind rams.
- (2) All servicing blow-out preventer installation components are to have a minimum safe working pressure of 14 000 kilopascals or a pressure specified by the minister as adequate.

- (3) Manually operated gate type preventers may be used, in which case the operator shall have clearly marked manual controls located behind steel shields at least six metres from the well.
- (4) All servicing blow-out preventers that are hydraulically operated are to:
- (a) be equipped with an accumulator system capable of providing fluid of sufficient volume and pressure to effect full closure of the preventers a minimum of two times without being recharged;
 - (b) have one set of clearly marked operating controls immediately at the operator's station and an additional set of clearly marked controls located behind the furthest extremity of the rig; and
 - (c) have hand wheels either installed or readily accessible for installation for ram-type blow-out preventers that are not equipped with a ram locking device.
- (5) The rig hydraulic system may be utilized to re-charge the accumulator.
- (6) The operators of all servicing blow-out prevention equipment shall:
- (a) ensure that all persons employed on the rigs have an adequate understanding of and are able to operate the servicing blow-out prevention equipment; and
 - (b) maintain servicing blow-out prevention equipment so that its operation will not be impaired by low temperatures.
- (7) The operator shall ensure that stabbing valves are maintained in good working condition and are readily accessible at all times for any tubing or pipe in the well.
- (8) The operator shall operate the servicing blow-out prevention equipment daily and, if the operator finds any equipment defective, the operator shall make it serviceable before operations are resumed.
- (9) Notwithstanding subsections (1) to (8), an operator may apply to the minister pursuant to section 6 for approval of any variation in servicing blow-out prevention equipment.
- (10) In addition to any approval granted pursuant to subsection (9), the minister may, on the minister's own initiative, direct any variation in servicing blow-out prevention equipment that the minister considers appropriate.

5 Apr 2012 cO-2 Reg 6 s74.

PART XII

Suspension and Shutting Down of Wells and Facilities

When minister may make orders pursuant to section 17.01 of the Act

75 For the purposes of section 17.01 of the Act, the minister may make an order pursuant to that section if, in the opinion of the minister, it is necessary to do so for the purpose of preventing a well, facility, structure test hole, oil shale core hole or flowline from contaminating an oil-bearing, gas-bearing, oil-and-gas bearing, fresh-water-bearing or other mineral-bearing formation.

5 Apr 2012 cO-2 Reg 6 s75.

Enforcement of regulations and orders

76 If the minister is satisfied that a well, drilling rig, servicing rig or facility is operated in contravention of the Act or any regulations or orders made pursuant to the Act, the minister may, after giving any notice that the minister considers reasonable, shut down or cause the shut-down of the contravening well, drilling rig, servicing rig or facility or equipment and prohibit its operation until the minister authorizes otherwise.

5 Apr 2012 cO-2 Reg 6 s76.

Sealing

77(1) The minister may, whenever the minister considers it necessary, seal or cause to be sealed any valve or meter installed at a well, facility, flowline, tank or other receptacle used for the storage or transportation of oil, gas, water, products or other substances produced or withdrawn from the well, injected into the well, or stored at the facility.

(2) The minister shall notify the licensee of the affixing of any seal and the reasons for the affixing of the seal, except if a seal is affixed for an infraction of an order.

(3) Except in the case of an emergency, no person shall tamper with or remove a seal affixed pursuant to subsection (1) without the permission of the minister.

(4) The minister may give public notice of any seal affixed pursuant to this section.

5 Apr 2012 cO-2 Reg 6 s77.

PART XIII
Well Testing and Well Data

DIVISION 1
Well Testing and Measurement

Well and battery testing equipment

78(1) The wellhead, separator, treater, tanks and piping equipment must include those valve connections that are necessary for sampling the oil, gas, water or other substances produced or injected.

(2) Every battery must be equipped with sufficient test separators, tanks and gas metering equipment to ensure that at least one production proration test may be conducted pursuant to section 87.

(3) Wellhead equipment must be maintained in good working order and the equipment must be installed so that tubing, casing and static bottom hole pressures may be obtained at any time by the minister.

5 Apr 2012 cO-2 Reg 6 s78.

Gas well tests

- 79(1)** Subject to subsection (2), the absolute open flow potential of every gas well must be determined within 30 days after any completion, stimulation, reconditioning or recompletion.
- (2) The minister may waive the requirement in subsection (1) if the minister is satisfied that there are circumstances that require the test to be conducted after the 30-day period.
- (3) The test to be used to determine the absolute open flow potential pursuant to subsection (1) is:
- (a) the 4-point isochronal or modified isochronal test; or
 - (b) any other approved test.
- (4) A test to verify the stabilized flow capability of every gas well must be carried out during the second year of production, using an approved method.
- (5) The operator of a well shall notify the minister at least 24 hours in advance of any gas well test.
- (6) The operator of a gas well shall submit to the minister the results of all gas well tests conducted, including any tests run that exceed the minimum requirements, within 30 days after the date on which the test was completed.
- (7) Section 105 applies to any oil, gas, water or other substances produced as a result of tests conducted pursuant to this section.
- (8) This section does not apply to wells in reservoirs used for gas storage unless otherwise ordered by the minister.

5 Apr 2012 cO-2 Reg 6 s79.

Conservation of product

- 80** The minister may require an operator to conduct a test of the content of any gas and if, in the opinion of the minister, a product is present in an economic quantity that justifies extraction, the minister may require the separation, conservation and utilization of the product.

5 Apr 2012 cO-2 Reg 6 s80.

Orifice meters

- 81(1)** Each orifice meter must be installed in accordance with the "Gas Measurement Committee Report No. 3" as published and amended from time to time by the American Gas Association.
- (2) The operator of a gas well shall, unless otherwise directed by the minister, use for the measurement of gas production:
- (a) a circular chart drive, not slower than seven days per cycle; or
 - (b) a suitable strip chart.
- (3) The operator of an oil well at which gas is produced shall use, for the metering of gas production, a 24-hour chart drive unless a slower chart drive is approved by the minister on an application pursuant to section 6.

- (4) Charts used to record the measurement of gas produced in conjunction with oil must be computed:
- (a) on a daily basis if a 24-hour circular chart drive is used; or
 - (b) on a seven-day basis if a seven-day circular chart drive is used.
- (5) The charts mentioned in subsection (4) must be preserved for a period of one year.
- (6) At installations where an orifice plate is bolted in place, the plate must clearly show the size of orifice by figures stamped or cut into the metal of the plate, and no person shall rebore the plate or increase the orifice size without first removing or permanently defacing the old marking and substituting the new measurement before reinstallation.
- (7) The measured inside diameter of the pipe at the orifice, together with the date of measurement and name of person making the measurement, must be clearly marked on the pipe near the orifice flanges and also inscribed in the meter shelter.
- (8) Whenever an orifice plate is changed, a record of the time of change and the size of the orifice of the plate removed and of the plate inserted must be recorded on the meter chart and in the tour report.
- (9) If gas production is measured with an orifice meter, no orifice plate shall be used that has an orifice size that exceeds the maximum size described in Table 3, for flange taps, or Table 8, for pipe taps, of the "Gas Measurement Committee Report No. 3" mentioned in subsection (1).
- (10) Any orifice plates used in contravention of subsection (9) are forfeited to the Crown and, if an orifice plate is forfeited, the minister shall determine the volume of gas produced by the well involved in that contravention for the period before that forfeiture.
- (11) Orifice meter charts must be clearly marked in order to indicate the well or wells being metered and the time and date of start and finish of records.
- (12) Coefficients for calculating meter charts must be computed in accordance with the "Gas Measurement Committee Report No. 3" mentioned in subsection (1).

5 Apr 2012 cO-2 Reg 6 s81.

Rotary displacement meters

- 82(1)** If an operator uses a rotary displacement meter to measure gas production, the operator shall:
- (a) install the meter in accordance with the specifications recommended by the manufacturer;
 - (b) install a dampening orifice downstream from the meter;
 - (c) provide pressure taps immediately on each side of the meter, fitted with six-millimetre valves so that a measurement of the differential pressure across the meter may be taken;

- (d) enter in the well, facility or battery records all data necessary for calculating the volume of gas produced and correct the measured volume of gas produced for operating pressure, temperature and supercompressibility;
 - (e) equip the meter with a non-reset counter;
 - (f) install a thermometer well in the pipe near the meter;
 - (g) take a temperature measurement of the gas stream at least once per week and enter it in the daily record;
 - (h) in the case of test gas production from an oil well, equip the meter with:
 - (i) an index to correct the volume to base pressure conditions; or
 - (ii) chart recording equipment to record the volume throughput and the meter operating pressure;
 - (i) in the case of total gas production from an oil well or group of oil wells, equip the meter with chart recording equipment to record volume throughput and the meter operating pressure; and
 - (j) in the case of gas well production, equip the meter with chart recording equipment to record the volume throughput and the meter operating pressure.
- (2) Notwithstanding clauses (1)(i) and (j), an operator may apply to the minister pursuant to section 6 for approval of any variation from the requirements of clauses (1)(i) and (j).

5 Apr 2012 cO-2 Reg 6 s82.

Oil, gas and water analyses

- 83(1)** The minister may require an operator to take and analyze a sample of oil, gas, water, products or other substances from a well at any time and in any manner that the minister considers advisable.
- (2) The operator shall submit to the minister each analysis that the operator causes to be made of the samples of oil, gas, water, products or other substances recovered.
- (3) The analysis submitted pursuant to subsection (2) must be submitted by the earlier of:
- (a) 30 days; and
 - (b) any other period that the minister may require.

5 Apr 2012 cO-2 Reg 6 s83.

Determination of standards

- 84(1)** The minister may, if not otherwise provided for, determine the methods to be used for the measurement of oil, gas, water, products and other substances and the standard conditions to which such measurements are to be converted.
- (2) Without restricting the generality of subsection (1), if the conditions of pressure and temperature of gas differ from the standard conditions determined pursuant to subsection (1), the minister may require the conversion of the volume from these conditions to the standard conditions.

(3) If the methods of measurement and standard conditions are determined pursuant to this section, those methods and standard conditions must be used wherever the measurement of oil, gas, water, products and other substances is required.

5 Apr 2012 cO-2 Reg 6 s84.

Measurement of production and injection

85(1) If oil, gas, water, products or other substances are being produced from or injected into a well, the operator of the well shall measure the production or injection in a manner satisfactory to the minister.

(2) Individual well production or injection must, in all cases, be separately measured unless permission has been obtained from the minister to combine production with the production from another well or wells before battery measurement.

5 Apr 2012 cO-2 Reg 6 s85.

Metering and measurement of gas

86(1) All gas produced must be accurately measured with an approved gas meter unless the minister, on application pursuant to section 6, gives approval to dispense with the metering of gas.

(2) If the conditions of pressure and temperature differ from the standard conditions mentioned in clause 2(h), conversion of the volume from the conditions under which measurement is made to the standard conditions must be made in accordance with the Ideal Gas Laws and corrected for deviation from the Ideal Gas Laws.

(3) Correction for deviation from the Ideal Gas Laws must be based on the "Gas Measurement Committee Report No. 3" mentioned in subsection 81(1).

(4) If gas from several wells is brought to a common locality for metering for economy of operation, each meter must be marked clearly to indicate the source of the gas.

(5) Every bypass around a meter must be closed by valves that effectively stop all flow of gas when closed and on every occasion when the bypass is operated or the gas does not reach the meter a suitable entry must be made in the tour report.

(6) Whenever the volume of gas at a well or battery requires correction for flowing temperature and there is no continuous recording of gas flow temperature, the operator shall equip each meter run with a thermometer well and take and record on the chart or in the daily record the temperature of the gas stream at least once per week.

(7) Each meter must be maintained in good working condition.

(8) Every operator shall keep all meter charts and records in a permanent file and that information must be made available to the minister on request.

(9) The meter must be suitably safeguarded from weather and interference by unauthorized persons.

(10) In computing the quantity of gas passing through the meter during the period covered by a chart, the volume of all metered gas, together with a fair estimate of the volume of all unmetered gas during all periods in which the meter for any reason fails to record, must be recorded.

- (11) The minister may permit group meter measurement or, after examination, may exempt any well from metering the volume of gas produced from a well, but only if a satisfactory estimate of the volume of gas so produced is supplied to the minister in lieu of the meter measurement.
- (12) On discovering a gas metering error, the operator shall have the meter corrected immediately and shall report corrected production to the minister for the period during which the meter measured incorrectly.
- (13) The minister shall determine the method of computing gas charts or of reporting gas measurements and production to the minister.
- (14) For the purposes of section 105, the reported gas production must be the sum of the volumes of metered and unmetered gas recorded pursuant to subsection (10).

5 Apr 2012 cO-2 Reg 6 s86.

Battery proration and individual well tests

- 87(1)** The minister may, on application pursuant to section 6, permit the keeping of records or the filing of reports or information pursuant to section 105 on a battery basis if two or more wells are tied to common storage and treating facilities.
- (2) If the minister has permitted the keeping of records or filing of reports or information on a battery basis pursuant to subsection (1):
 - (a) the manner, frequency and duration of tests to be taken to establish the rates of production of each fluid for each well tied to the battery must be as determined by the minister;
 - (b) the total combined production of each fluid must be prorated to the individual wells tied to the battery in the manner determined by the minister; and
 - (c) the production figures, prorated in accordance with clause (b), represent the production of each well for all purposes.
 - (3) Every well to which subsection (2) applies must be tested monthly for the purpose of reporting monthly production of oil, condensate, gas, water and any other substances, unless otherwise approved by the minister on application pursuant to section 6.
 - (4) The tests mentioned in subsection (2) must be for a period of at least 24 consecutive hours unless otherwise approved by the minister on an application pursuant to section 6.
 - (5) Each measured total quantity of oil, condensate, gas, water or any other substance produced by a group of wells tied to a battery or facility must be apportioned to the individual wells in proportion to the relative test production in the manner outlined by the minister.
 - (6) For the purposes of section 105, the total gas production from a battery or facility includes the sum of:
 - (a) all group gas chart measurements;
 - (b) all individual test gas chart measurements; and
 - (c) estimates of all gas produced by the wells tied to a battery or facility during the month and not measured for any reason.

(7) An operator of a well shall, on the request of the minister and in the form and manner required by the minister, submit to the minister the results of the production test taken during any month.

(8) The minister may:

- (a) require an operator of a well to conduct a production test; and
- (b) witness any production test conducted pursuant to clause (a).

5 Apr 2012 cO-2 Reg 6 s87.

DIVISION 2 Well Data

Drill cutting samples

88(1) Unless otherwise directed by the minister, each operator shall cause to be taken at interval depths of five metres a series of samples of the various formations penetrated by the drill in drilling a well and shall preserve and maintain those samples.

(2) Two sets of samples taken pursuant to subsection (1) must be:

- (a) cleaned and dried;
- (b) preserved in 11-millilitre (three-dram) vials:
 - (i) labelled with the well name, licence number and unique well identifier and the depth at which each sample was taken; and
 - (ii) contained in 24-centimetre by 34-centimetre trays labelled with the well name and licence number and the intervals of depth over which the samples were taken; and
- (c) submitted within 30 days after the finished drilling date prepaid to:

The Subsurface Geological Laboratory
201 Dewdney Avenue East
Regina, Saskatchewan S4N 4G3.

5 Apr 2012 cO-2 Reg 6 s88.

Cores and submission of cores

89(1) Unless otherwise directed by the minister, all cores taken from a core barrel, except those portions of cores that may reasonably be necessary to retain for analytical purposes, must be protected from theft or misplacement and submitted prepaid to the laboratory mentioned in subsection 88(2) within 30 days after the finished drilling date of the well.

(2) All cores submitted to the laboratory must be crated in proper stratigraphic order in sturdily constructed cardboard boxes that do not exceed the specifications set out in Table 1 of the Appendix.

- (3) The following requirements apply to the core boxes mentioned in subsection (2):
- (a) one end of the lid of the core box and one end of the body of the core box must be marked to indicate:
 - (i) the name, licence number, unique well identifier and location of the well;
 - (ii) the core number and its depth interval;
 - (iii) the box number expressed as “ _____ of _____ boxes”;
 - (b) the top of the core must be placed at the labelled end of the body of the core box and the top and bottom of the core must be legibly marked on a conspicuous part of the body of the core box;
 - (c) the body of the core box must contain a single folded divider covering the bottom of the box and extending upwards to separate the rows of core.
- (4) No person shall destroy any core, except any portion that may be reasonably necessary for analytical purposes, without the approval of the minister.
- (5) No person shall take any core out of Saskatchewan without the consent of the minister.
- (6) All core analyses made on cores from every well drilled in Saskatchewan must be submitted to the minister within 30 days after the analyses are completed.
- (7) Every operator shall, within 10 days after the finished drilling date of a well from which cores are taken, submit to the minister a statement showing the number of cores taken and the number of standard size core-boxes used to hold the cores.
- (8) The minister may, as a condition for issuing a licence, require the licensee of a well being drilled for oil or gas in a designated field or pool to core and test any formation from which production of oil or gas may be expected and, in the event that information is required, the licensee shall submit it to the minister by the most expeditious method.
- (9) All cores taken from oil shale core holes, except those portions that may reasonably be necessary to retain for analytical purposes, must be submitted to the minister in accordance with this section unless otherwise authorized by the minister.
- (10) All core analyses of cores taken from oil shale holes must be submitted to the minister within 30 days after the analyses are completed.

5 Apr 2012 cO-2 Reg 6 s89.

Log surveys for well and structure test holes

- 90(1)** Before the completion or abandonment of a well, the operator shall have the following logs taken unless otherwise approved by the minister on application pursuant to section 6:
- (a) an approved resistivity log or standard electric log, excluding contact logs, from surface casing shoe to total depth;

- (b) an approved radioactivity log, including both natural and induced radioactivity or an approved porosity curve, commencing at a distance sufficiently above the top of the Paleozoic Erathem to give an accurate shale line, to the total depth if the well penetrates more than 15 metres into the Paleozoic Erathem.
- (2) In selecting the log to be taken as required by clause (1)(a), the operator shall consider the general condition of the well and the fluid in the bore hole and select the log that gives the optimum information under existing conditions.
- (3) Before the completion or abandonment of a structure test hole, the operator shall have an electrical log, or another approved log, taken with all pertinent data recorded on it unless permission to dispense with the taking of logs is obtained from the minister.
- (4) On any well the operator shall, whenever directed to do so by the minister, take any other log or well survey that is generally recognized and in practical use in the oil and gas industry for obtaining subsurface information.
- (5) Unless otherwise directed by the minister, the operator shall submit to the minister a complete suite of logs and surveys for each well drilled, together with factual data within 30 days after the logs or surveys are taken or made.

5 Apr 2012 cO-2 Reg 6 s90.

Bottom-hole pressure surveys

91 If a bottom-hole pressure survey of a well is made either on the operator's initiative or at the minister's direction:

- (a) the procedure regarding testing of wells and calibration of pressure gauges must be in accordance with the standards and procedures established by the minister; and
- (b) the operator shall submit the results of the survey, together with any pertinent information that the minister may request regarding the manner in which the survey was carried out, to the minister within 30 days after completion of the survey.

5 Apr 2012 cO-2 Reg 6 s91.

Reservoir surveys

92(1) Subject to subsection (2), the minister may require surveys of reservoirs containing oil, gas or any other substances to be made at any time and in any manner that the minister considers advisable.

- (2) An operator who is planning to make a reservoir survey shall notify the minister at least 14 days before making the reservoir survey.
- (3) Reservoir surveys may include:
 - (a) the static bottom-hole pressures of shut-in wells;
 - (b) flowing bottom-hole pressures of producing wells included in the survey;

- (c) the bottom-hole sample analysis of oil, if available;
 - (d) the productivity indices of individual wells in any pool; or
 - (e) any other information that the minister may require.
- (4) If a reservoir survey is required to be made pursuant to subsection (1), operators shall permit and assist the minister in making tests that may be required by it, including bottom-hole pressure determinations.
- (5) The minister is not liable for any damage incurred as a result of making tests or surveys that may be required by this section.
- (6) The operator shall submit the results of any reservoir survey conducted pursuant to this section within 30 days after completion of the survey.

5 Apr 2012 cO-2 Reg 6 s92.

Submission of drill stem test data

93 If drill stem tests are taken, the operator shall submit the drill stem test reports, including pressure charts, within 30 days after the completion of the tests.

5 Apr 2012 cO-2 Reg 6 s93.

PART XIV
Notifications, Records and Reporting

DIVISION 1
Notifications

Notification of spud-in

94 Every operator shall notify the minister of the spud-in of a well within 12 hours after the spud-in takes place.

5 Apr 2012 cO-2 Reg 6 s94.

Notice of completion of facility construction

95 Every operator shall notify the minister of the completion of the construction of the facility within 48 hours after the completion.

5 Apr 2012 cO-2 Reg 6 s95.

Notice of intention to rework

96 If an operator wishes to rework or recondition a well, the operator shall notify the minister before commencement of the reworking or reconditioning.

5 Apr 2012 cO-2 Reg 6 s96.

Notice of well completion

97 Every operator shall notify the minister of the completion of a well within 12 hours after the completion.

5 Apr 2012 cO-2 Reg 6 s97.

Notification of wildcat discoveries

98 If an operator discovers significant quantities of oil or gas in any formation in a wildcat well or water in a glacial drift, the operator shall notify the minister of the nature and quantity of the oil or gas discovered by the most expeditious method.

5 Apr 2012 cO-2 Reg 6 s98.

Notification of spills, fires, etc.

99(1) The operator of a well, facility, pipeline or flowline shall promptly report to the minister the particulars of the following:

- (a) a fire;
 - (b) a blow-out;
 - (c) a break in, contact damage to or leak from a pipeline or flowline, other than where notification is made pursuant to section 20 of *The Pipelines Regulations, 2000* and a written report is submitted pursuant to section 21 of *The Pipelines Regulations, 2000*;
 - (d) an escape or release of a substance that contains hydrogen sulphide in a concentration equal to or greater than 1 000 parts per million or 1.0 moles H₂S/kilomole as measured at the edge of the lease or property boundary;
 - (e) a break, leak, malfunction of any equipment, or intentional or unintentional action that results in the escape or release of:
 - (i) oil, salt water, condensate, oil and gas waste or product if any volume escapes or is released:
 - (A) beyond the property that the licensee owns or leases, including releases that occur while the substance is being transported by a vehicle; or
 - (B) in an amount equal to or greater than 2.0 cubic metres within the property that the operator owns or leases; or
 - (ii) refined chemicals used in or in association with the maintenance, production or operation of a well, facility, pipeline or flowline if any volume escapes or is released in an amount equal to or greater than 0.5 cubic metres and is contained within the property that the licensee or operator owns or leases.
- (2) Unless otherwise approved by the minister on application pursuant to section 6, within 90 days after the report is made pursuant to subsection (1), the operator shall submit a report to the minister containing the following information:
- (a) the exact location of the event mentioned in subsection (1), including:
 - (i) the section, township and range of the event; and
 - (ii) any other geographic or other information that may be necessary to establish the exact location of the event mentioned in subsection (1);
 - (b) an estimate of the initial oil, salt water, condensate, product or gas lost and a further estimate of any subsequent recovery;
 - (c) the time the event mentioned in subsection (1) occurred;
 - (d) a description of the circumstances leading to the event mentioned in subsection (1);

- (e) a discussion of the containment and recovery procedures respecting the event mentioned in subsection (1);
 - (f) a discussion of steps to be taken to prevent future events similar to the event mentioned in subsection (1);
 - (g) any other information that the minister may require.
- (3) Unless otherwise approved by the minister on application pursuant to section 6, an operator described in subsection (1) shall:
- (a) reclaim the area impacted by the event mentioned in subsection (1) to standards specified by the minister; and
 - (b) submit a reclamation report to the minister.

5 Apr 2012 cO-2 Reg 6 s99.

DIVISION 2

Records

Well, facility and plant records

- 100(1)** Every person who produces, sells, purchases, acquires, stores, transports, refines or processes oil, gas, water, products or other substances shall keep and maintain complete and accurate records in Saskatchewan of the quantities of the oil, gas, water, product or other substances.
- (2) The records mentioned in subsection (1) must be available at all times for examination by the minister, and any person mentioned in subsection (1) may be required by the minister to submit to the minister any reports or other information that the minister may require with respect to the oil, gas, water, products or other substances.
- (3) Every person who is the owner or has the control or management of a refinery, scrubbing plant or processing plant in Saskatchewan shall keep and maintain, at the person's office or other place of business in Saskatchewan, complete and accurate records of:
- (a) oil, gas, water, products or other substances received at the refinery, scrubbing plant or processing plant;
 - (b) the name and address of every person from whom the oil, gas, water, products or other substances was received;
 - (c) the quantity and quality of oil, gas, water, products or other substances, and the quantity and type of water received from each person;
 - (d) the price payable with respect to that oil, gas or water or those products or other substances; and
 - (e) every disposition by the person of any product or other substance obtained from refining, treating or processing the oil, gas, water, products or other substances.

(4) If a well is producing or is capable of producing oil, gas, water, products or other substances, the owner shall keep, at the owner's field office or other place of business in Saskatchewan, a daily record of the well showing:

- (a) the oil, gas, water, products or other substances, including sediment, produced from the well;
- (b) the average separator pressure or, if a separator is not in use, the average treater pressure; and
- (c) full particulars of the disposition of all products of the well.

(5) If oil, gas, water, products or other substances are injected or disposed of into a well, the owner shall keep, at the owner's field office or other place of business in Saskatchewan, a daily record of the well showing:

- (a) the oil, gas, water, products or other substances injected or disposed of into the well;
- (b) the source from which the oil, gas, water, products or other substances were obtained;
- (c) the particulars of any treatment to which the oil, gas, water, products or other substances have been subjected; and
- (d) the pressure used in the injection of the fluid.

(6) The owner shall keep any other records that the minister may require.

(7) Every person operating a plant for processing oil, gas or products shall keep a daily record of the oil, gas or products processed during each month.

5 Apr 2012 cO-2 Reg 6 s100.

Submission of contracts and other information

101(1) The minister may request that a producer, operator or purchaser who is a seller or buyer of oil, gas products or other substances produced in Saskatchewan submit to the minister:

- (a) an executed copy of the written sales contract for the oil, gas, products or substances;
- (b) a statement in writing of the terms and conditions of the unwritten sales contract for the oil, gas, products or substances; or
- (c) an actual purchase statement or invoice that contains all of the details of the sale and purchase of the oil, gas products or substances.

(2) If the minister makes a request pursuant to subsection (1), the producer, operator or purchaser shall submit the information within 14 days after the request.

(3) If a producer, operator or purchaser becomes aware that any information submitted pursuant to subsection (1) is incorrect, the producer, operator or purchaser shall submit the correct information to the minister within 30 days after the day on which the producer, operator or purchaser becomes aware that the information previously submitted is incorrect.

5 Apr 2012 cO-2 Reg 6 s101.

DIVISION 3
Reporting

Geological report or summary

102 An operator who drills a horizontal well or who, at any time, drills a new horizontal section from that horizontal well shall, within 30 days after the rig release date, submit to the minister:

- (a) a geological report, including sample descriptions; and
- (b) the accompanying lithological description log.

5 Apr 2012 cO-2 Reg 6 s102.

Tour reports

103(1) Every operator shall keep records of all of the following information at every drilling rig:

- (a) any cementing operation conducted, including:
 - (i) the name of the cementing company;
 - (ii) the method of cementing;
 - (iii) the type and amount of cement and additives used;
 - (iv) the weight and volume of slurry;
 - (v) the volume of cement returned to the surface;
 - (vi) the time for plug-down;
- (b) any kick or flow encountered;
- (c) any log, drill stem test, cored interval or other survey performed;
- (d) any abandonment plug used, including:
 - (i) the length;
 - (ii) the setting depth;
 - (iii) the amount and type of cement and additives;
 - (iv) the weight and volume of slurry;
 - (v) the depth felt;
- (e) the elevation of the kelly bushing of the drilling rig; and
- (f) the date and time of the rig release.

(2) Within 30 days after the day of rig release, every operator shall submit to the minister:

- (a) the information listed in subsection (1); and
- (b) any other information that the minister may require.

5 Apr 2012 cO-2 Reg 6 s103.

Well completion data reports

104(1) Every operator shall submit to the minister:

- (a) a finished drilling report, within 30 days after the finished drilling date;
 - (b) in the case of a horizontal well, a finished drilling report for each productive horizontal section, within 30 days after rig release; and
 - (c) a supplementary well data report, within 30 days after completion of any workover job that may be reasonably construed as having been carried out to change the producing characteristics of a well.
- (2) The report submitted pursuant to clause (1)(c) must include details on acidizing, formation fracturing, squeeze cementing perforations, re-perforating and abandoning of a producing well.
- (3) The operator shall, on the request of the minister, submit reports and records showing gun perforating, hydraulic fracturing, cementing, shooting or chemical treatment respecting any well.

5 Apr 2012 cO-2 Reg 6 s104.

Submission of reports and statements

105(1) In this section:

- (a) **“assigned heating value”** means the assigned heating value determined by the minister for gas produced from oil wells in a month pursuant to subsection (5);
- (b) **“crude oil recovery facility”** means a crude oil recovery facility as defined in *The Freehold Oil and Gas Production Tax Act, 2010*;
- (c) **“financial operator”** means:
 - (i) an operator as defined in:
 - (A) clause 2(ff) of *The Crown Oil and Gas Royalty Regulations, 2012*;
 - (B) clause 2(dd) of *The Freehold Oil and Gas Production Tax Regulations, 2012*; and
 - (C) clause 2(b) of *The Recovered Crude Oil Tax Regulations, 2012*; and
 - (ii) a special operator as defined in:
 - (A) clause 2(pp) of *The Crown Oil and Gas Royalty Regulations, 2012*;
 - (B) clause 2(ll) of *The Freehold Oil and Gas Production Tax Regulations, 2012*; and
 - (C) clause 2(e) of *The Recovered Crude Oil Tax Regulations, 2012*;
- (d) **“heating value”** means the total joules obtained by the complete combustion of one cubic metre of natural gas or residue gas and air under the following conditions:
 - (i) the combination reaction is at constant standard pressure;
 - (ii) the gas, including acid gas components, is free of all water vapour;

- (iii) the temperature of the gas, air and products of combustion are at standard temperature;
 - (iv) all water formed by the combustion reaction is condensed to a liquid state;
 - (e) **“recovered crude oil”** means recovered crude oil as defined in *The Freehold Oil and Gas Production Tax Act, 2010*;
 - (f) **“volumetric submission date”** means the date set for the submission of volumetric information pursuant to subsection (3), (4) or (7), subsection 107(2), clause 108(2)(a), clause 110(1)(a) or subsection 110(2).
- (2) Every report, statement, application, document, record, notification or other information required pursuant to this section:
- (a) must be complete and accurate;
 - (b) must be submitted to the minister through the registry; and
 - (c) unless otherwise approved by the minister on an application pursuant to section 6, must be submitted within the time mentioned in this section.
- (3) Subject to subsection (4), every operator of a well or facility that produces oil, condensate, gas, water or any other substance during any month shall submit the following information on or before the 20th day of the month following the month with respect to which the information is being submitted:
- (a) the oil, condensate, gas, water, and other substances, including sediment, produced from each well in that facility during the month;
 - (b) the number of hours during which each well was on production in the month;
 - (c) the particulars of any production, load or completion activities, inventories, consumption or losses of oil, condensate, gas, water or any other substance associated with the operation of a well or facility;
 - (d) the particulars of any receipts from and deliveries to other facilities, including facilities outside Saskatchewan;
 - (e) in the case of a gas well, the heating value of the gas produced from that well;
 - (f) the total amount of oil, water, gas, or any other substance recovered from each well in a storage reservoir or storage cavern during the month.
- (4) In the case of an oil well from which gas is produced during a month, the operator may, on or before the 20th day of the month following the month with respect to which information is required to be submitted pursuant to subsection (3):
- (a) submit the heating value of the gas produced from that well; or
 - (b) opt not to submit the heating value of the gas produced from that well and as a result have the minister use an assigned heating value.

- (5) For the purposes of subsection (4), the minister may determine an assigned heating value for a month after consideration of the following:
- (a) heating values determined from information entered on the registry;
 - (b) any event or other information that, in the opinion of the minister, may have affected the level of heating values in Saskatchewan.
- (6) On or before the last business day of the month following the month with respect to which the information is being submitted, every operator and financial operator who disposes of oil, condensate, gas or any other substance produced from or allocated to a well or facility during any month shall submit the particulars of any disposition and sale, including:
- (a) details of deliveries and sales, including those deliveries and sales occurring outside of Saskatchewan; and
 - (b) the purchaser, custody transfer point, point of sale, allowable transportation expenses, volume, price and value of sales.
- (7) Every operator of a well into which oil, water, gas or any other substance is injected during any month and any associated facility shall submit the following information on or before the 20th day of the month following the month with respect to which the information is being submitted:
- (a) the amount of oil, water, gas, or any other substance received from each supplying well, facility or other source during the month, including receipts from sources outside Saskatchewan;
 - (b) the total amount of oil, water, gas or any other substance injected into each well, facility or storage reservoir or storage cavern during the month;
 - (c) the number of hours during which the well was on injection or recovery during the month;
 - (d) details of any inventories, consumption, losses and deliveries of oil, water, gas or any other substance associated with the operation of that well or facility during the month, including details of deliveries to facilities outside Saskatchewan.
- (8) Every operator of a new well shall notify the minister on or before the earlier of:
- (a) 30 days after the date of first production or injection; and
 - (b) the volumetric submission date.
- (9) Every operator of a well:
- (a) who undertakes any operation to change the well's status or recomplete the well to a different zone shall notify the minister on or before the earlier of:
 - (i) 30 days after the date of first production or injection related to the change in the well's status or recompletion to a different zone; and
 - (ii) the volumetric submission date;

- (b) who suspends production or injection operations at a well shall notify the minister on or before the earlier of:
 - (i) 30 days after the day of suspension; and
 - (ii) the volumetric submission date; and
 - (c) who resumes production or injection operations at a well, in the same zone that the production or injection operations were suspended, shall notify the minister on or before the earlier of:
 - (i) 30 days after the day the well resumes production or injection operations; and
 - (ii) the volumetric submission date.
- (10) Every operator of a well or facility shall:
- (a) in the case of a new single-well battery, obtain from the registry a facility code on or before the earliest of:
 - (i) 30 days after the day of any initial load or completion activity at the well;
 - (ii) 30 days after the date of first production or injection; and
 - (iii) the volumetric submission date; and
 - (b) in the case of a new facility that is not a single-well battery, obtain from the registry a facility code on or before the earlier of:
 - (i) 30 days after the date on which the facility commences operations; and
 - (ii) the volumetric submission date.
- (11) Every operator of a crude oil recovery facility shall notify the minister of the delivery of recovered crude oil on or before the earlier of:
- (a) 30 days after the day on which the recovered crude oil is delivered from the crude oil recovery facility; and
 - (b) the volumetric submission date.
- (12) Every operator of a facility shall notify the minister of any change in the status or operation of the facility on or before the earlier of:
- (a) 30 days after the change; and
 - (b) the volumetric submission date.
- (13) Subject to subsection (14), every operator of a well, facility or unit shall continue to submit information pursuant to this section until:
- (a) the operator notifies the minister that the well is suspended pursuant to clause (9)(b);
 - (b) the operator notifies the minister of a change in the status or operation of the facility pursuant to subsection (12);
 - (c) the unit is terminated pursuant to the terms of the unit agreement;

- (d) the well is abandoned in accordance with these regulations;
 - (e) the facility is decommissioned pursuant to section 56; or
 - (f) the minister notifies the operator that the operator no longer needs to submit information for any other reason.
- (14) Subsection (13) does not relieve an operator of any obligation to submit information with respect to the period preceding the date on which one or more of the circumstances mentioned in clauses (13)(a) to (f) becomes applicable.
- (15) Every operator and financial operator shall submit any other reports, statements, documents, records, notifications or other information that the minister may require.

5 Apr 2012 cO-2 Reg 6 s105.

Report of oil and gas purchases and sales

106(1) Every person who, during a month, purchases oil produced in Saskatchewan shall submit to the minister through the registry:

- (a) the quantities and the values of purchases;
 - (b) the source where the oil was produced or from which it was delivered;
 - (c) the source producer;
 - (d) the point of purchase or custody transfer point; and
 - (e) the density and sulphur content of the oil purchased.
- (2) Every person who, during a month, purchases an oil stream that contains oil produced in Saskatchewan, including an oil stream that also contains oil produced outside of Saskatchewan, shall submit to the minister through the registry:
- (a) the quantities and the values of purchases;
 - (b) the previous purchaser of the oil stream;
 - (c) the point of purchase or custody transfer point;
 - (d) the identity of the oil stream; and
 - (e) the density and sulphur content of the purchased oil stream.
- (3) Every person who, during a month, sells to another purchaser or delivers to a refinery an oil stream containing oil produced in Saskatchewan, including an oil stream that also contains oil produced outside of Saskatchewan, shall submit to the minister through the registry:
- (a) the quantities and the values of sales;
 - (b) the purchaser of the oil stream or refinery name and location;
 - (c) the point of sale or custody transfer point;
 - (d) the identity of the oil stream; and
 - (e) the density and sulphur content of the oil stream sold.
- (4) The minister may require that a person who, during a month, purchases condensate, natural gas and products produced in Saskatchewan submit to the minister information about the purchases and the disposition of those purchases.

(5) Information required pursuant to subsections (1) to (4) must be submitted on or before the last business day of each month for the preceding month with respect to which the information is being submitted, unless the minister, on application pursuant to section 6, approves a change in the submission requirements.

5 Apr 2012 cO-2 Reg 6 s106.

Monthly reporting - waste processing facilities

107(1) The operator of a waste processing facility shall submit to the minister through the registry the following information for the month with respect to which the report is prepared:

- (a) the quantities of waste products and oil, gas, water, products or other substances received during the month, itemized by place of origin and supplier;
- (b) opening and closing inventories;
- (c) the disposition of all fluids and solids reclaimed, recovered or consumed;
- (d) any other information that the minister considers necessary.

(2) The information required to be submitted pursuant to subsection (1) must be submitted on or before the 20th day of the month following the month with respect to which the information is submitted, unless the minister, on application pursuant to section 6, approves a change in the submission requirements.

5 Apr 2012 cO-2 Reg 6 s107.

Transporters' statements

108(1) Every person who during a month receives and stores or transports oil, gas, products or other substances that are produced in Saskatchewan shall submit to the minister the following information for that month:

- (a) for transporters located in Saskatchewan, quantities received from supply sources, including receipts from supply sources that are outside Saskatchewan;
- (b) for transporters located outside Saskatchewan, quantities received from supply sources located in Saskatchewan;
- (c) the supply details and receipts, including source well, facility, system, cavern, pool, field, gathering or tariff area, receipt point, meter station, source province or state, source producer, and quality information;
- (d) the quantities delivered or transported;
- (e) delivery details, including the names of shippers, oil stream type, receiving system, receiving facility, delivery point and final consumer;
- (f) inventories, losses, adjustments and consumption;
- (g) any other information that the minister may require.

- (2) The information submitted pursuant to subsection (1) must be submitted:
- (a) through the registry, on or before the 20th day of the month following the month with respect to which the information is being submitted; and
 - (b) in paper form, or in any other approved form, on or before the 30th day of the month following the month with respect to which the information is being submitted.

5 Apr 2012 cO-2 Reg 6 s108.

Refiners' statements

109 On or before the last business day of the month following the month with respect to which the information is being submitted, every person who during a month operates a refinery or upgrader shall submit to the minister a statement showing the following:

- (a) quantities of oil, gas, products or substances received from supply sources, including receipts from supply sources that are outside Saskatchewan;
- (b) the supply details, including source producer, stream type, quality information, source pipeline, source facility and source province or state;
- (c) values of each quantity received;
- (d) quantities of refined products produced, consumed, delivered, transported and sold;
- (e) refined product disposition details, including value of sales and destination;
- (f) inventories, losses, adjustments and consumption;
- (g) any other information that the minister may require.

5 Apr 2012 cO-2 Reg 6 s109.

Plant statements

110(1) Every person who during a month operates a plant engaged in the processing, scrubbing or purification of gas shall submit to the minister through the registry the following information for that month:

- (a) on or before the 20th day of the month following the month with respect to which the information is being submitted:
 - (i) quantities of raw or marketable gas or any other products received from supply sources, including receipts from supply sources that are outside Saskatchewan;
 - (ii) the supply details, including source operator, source well, facility, system, cavern, pool, field, receipt point, meter station and source province or state;
 - (iii) the quantities of products derived;
 - (iv) the marketable gas and product quantities delivered, transported and disposed of;

- (v) the delivery details, including receiving system, facility, pipeline, delivery point, meter station and final consumer;
 - (vi) inventories, losses, adjustments and consumption;
 - (vii) any other information that the minister may require;
- (b) on or before the last business day of the month following the month with respect to which the information is being submitted:
- (i) the value of raw or marketable gas or any other products received;
 - (ii) the values of marketable gas and products delivered or sold;
 - (iii) any other information that the minister may require.
- (2) On or before the 20th day of the month following the month with respect to which the information is being submitted, every person who during a month operates a cleaning plant shall submit to the minister through the registry the following information for that month:
- (a) for a cleaning plant operating within Saskatchewan, the receipt details of any oil, gas, water, product or other substance that is produced in Saskatchewan or received from outside Saskatchewan;
 - (b) for a cleaning plant operating outside Saskatchewan, the receipt details of oil, gas, water, product or other substance that is produced in Saskatchewan;
 - (c) the supply details, including quantities received, source well, facility and source producer or source operator;
 - (d) quantities delivered and details of deliveries to facilities or pipelines;
 - (e) inventories, losses, adjustments and consumption;
 - (f) any other information that the minister may require.

5 Apr 2012 cO-2 Reg 6 s110.

Minister may vary submission date

111(1) Notwithstanding subsections 105(3), (4) and (7), subsection 107(2), clause 108(2)(a), clause 110(1)(a) and subsection 110(2), the minister may vary the date specified in those sections if the minister considers it appropriate and in the public interest to do so.

(2) If the minister varies a submission date pursuant to subsection (1), the minister shall publish the submission date on the ministry's Internet website at least 30 days before the new submission date.

5 Apr 2012 cO-2 Reg 6 s111.

PART XV
Confidentiality

Release of drilling information and confidential status

112(1) In this section, “**pool**” means a pool established pursuant to clause 17(1)(a) of the Act.

(2) If a well or structure test hole is not located within the boundaries of a pool on its finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well or structure test hole submitted to the minister as required by the Act and these regulations or an order made pursuant to the Act:

- (a) for a period of one year from the finished drilling date; or
- (b) for a period not exceeding 18 months from the finished drilling date if:
 - (i) circumstances that the minister considers exceptional exist; and
 - (ii) the minister approves the longer period of confidentiality for that information.

(3) If a well or structure test hole is located within the boundaries of a pool on its finished drilling date, the minister shall hold in confidence all information obtained from the drilling of the well or structure test hole submitted to the minister as required by the Act and these regulations or an order made pursuant to the Act for a period of:

- (a) 30 days after the finished drilling date;
- (b) one year, if the well is to be drilled more than 150 metres below the datum of the lower-most producing horizon in the pool and the licensee applies pursuant to section 6; or
- (c) one year if, within 30 days after the finished drilling date, the licensee establishes to the satisfaction of the minister that the well is completed exclusively in a reservoir deeper than the designated horizon in an existing pool.

(4) Unless otherwise specified by the minister in an order made by the minister pursuant to clause 17(1)(a) of the Act, the confidential status and the period for which that status is maintained are not to be changed if the boundaries of a pool are altered to exclude or include wells or structure test holes that were previously located within or not located within the boundaries of that pool.

(5) No person shall release for public inspection, without the written consent of the licensee of the well, any information obtained from drilling a well and submitted to the minister as required by the Act and these regulations or orders made pursuant to the Act before the time that information ceases to have confidential status.

Confidentiality of information submitted

113(1) Information submitted to or acquired by the minister either through the registry or on forms, reports, documents, statements, or sales contracts, pursuant to sections 101 and 105 to 110, is, subject to subsection (2), confidential.

(2) Subject to subsection (3), the following information is not confidential and may be made available to the public:

(a) the surface and bottom hole locations, operator, well type and status, producing or injection horizon, crude type and producing or activity dates of a well or facility;

(b) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from a well and the hours on production;

(c) monthly, yearly and cumulative totals of fluid or any other substance injected into a well and the hours on injection;

(d) monthly, yearly and cumulative totals of oil, gas, water, products or any other substance produced from or allocated to a pool, unit, project or facility;

(e) monthly, yearly and cumulative totals of fluid or any other substance injected into a pool, unit, project or facility;

(f) monthly, yearly and cumulative totals, on a facility basis, of oil, gas, water, products or any other substance that is received, delivered, disposed, transported, sold, purchased, consumed or inventoried;

(g) monthly, yearly and cumulative totals, on an aggregated provincial basis, of oil, gas, water, products or any other substance that is produced, injected, received, delivered, disposed, transported, sold, purchased, consumed or inventoried.

(3) Clauses (2)(b) to (f) do not apply with respect to any information submitted pursuant to the following:

(a) clause 105(3)(f);

(b) clauses 105(7)(b) and (c) with respect to a storage reservoir or a storage cavern.

(4) If information submitted to or acquired by the minister is not available to the public because it is confidential, the minister may, with the written consent of the person by whom it was submitted or from whom it was acquired, make the information available to the public.

(5) Notwithstanding subsection (1), the minister may make any information available to a peace officer or to any of the following if the minister considers it to be in the public interest to do so and if the minister is satisfied that the recipient of the information will, to the extent consistent with the intended use of the information, keep the information confidential:

(a) the government of a foreign country or state;

(b) the Government of Canada;

(c) the Government of another province or territory of Canada;

(d) a municipality;

- (e) any other ministry of the Government of Saskatchewan;
- (f) an agency of any of the entities mentioned in clauses (a) to (e).

5 Apr 2012 cO-2 Reg 6 s113.

PART XVI Oil and Gas Orphan Fund

Interpretation of Part

114 In this Part:

- (a) **“depositor”** means a person who, as a licensee or on behalf of a licensee, has deposited an amount with the minister pursuant to section 115, and includes the heirs, successors and administrators of that person;
- (b) **“fiscal year”** means the fiscal year of the orphan fund set out in section 121;
- (c) **“orphan”** means a well, facility or associated flowline, or their respective sites, if, in the opinion of the minister, a person responsible for the well, facility, associated flowline, well site or facility site:
 - (i) does not exist;
 - (ii) cannot be located; or
 - (iii) does not have the financial means to contribute to the costs of meeting the obligations pursuant to the Act, these regulations, any orders made pursuant to the Act or any terms and conditions of a licence;
- (d) **“orphan fund levy”** means the fee to be levied on wells and facilities pursuant to Part III.2 of the Act and calculated and administered in accordance with section 119;
- (e) **“site”**, when used in reference to a well site, facility site or associated flowline, does not include any part of a site that:
 - (i) has been designated or re-designated as a contaminated site pursuant to section 11 or 13 of *The Environmental Management and Protection Act, 2002*; or
 - (ii) is the subject of an order that is made pursuant to section 46 or 47 of *The Environmental Management and Protection Act, 2002*.

5 Apr 2012 cO-2 Reg 6 s114.

Security deposit for a well or facility

115(1) The minister may specify any relevant factors at any time to calculate the amount of a security deposit required to be submitted by the depositor:

- (a) at the minister’s initiative; or
- (b) on application by the depositor.

- (2) For the purposes of section 15 of the Act, the minister may require a licensee or a transferor or transferee of a licence to submit a security deposit to the ministry:
- (a) before approving, issuing or transferring a licence;
 - (b) at any time the licensee fails a licensee liability rating assessment conducted by the minister pursuant to section 117; or
 - (c) at any time if, in the opinion of the minister, the drilling, construction or operation of a well or facility poses a risk described in section 17.01 of the Act or may be a source of contamination described in section 75.
- (3) If the minister determines that the security deposit amount held by the minister is inadequate for the purposes provided for in subsection 15(1) of the Act, the minister may require the licensee to provide any additional amounts that the minister considers necessary to meet those purposes.
- (4) A security deposit must be in the form of an irrevocable letter of credit or in any other form satisfactory to the minister.
- (5) The minister may require that the security deposit be submitted:
- (a) as a lump sum; or
 - (b) in portions in the amounts and at the times specified by the minister.
- (6) On the written request of a depositor, the minister may return the security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and carried out all of the activities with respect to which the security deposit was provided.
- (7) On the written request of a depositor, the minister may return part of a security deposit if the minister is satisfied that the licensee or its agent has met all of the obligations and corrected any infractions, non-compliance, deficiencies, threats or problems specified in subsection 116(1) and partially carried out all of the activities with respect to which the security deposit was provided.

5 Apr 2012 cO-2 Reg 6 s115.

Forfeiture of security deposit for a well or facility

116(1) The minister may declare any or all of the security deposit required pursuant to section 115 to be forfeited to the Crown in right of Saskatchewan if, in the opinion of the minister:

- (a) the licensee with respect to the construction, drilling, operation, abandonment or reclamation of a well or a facility has failed to comply with:
 - (i) the Act;
 - (ii) any regulations made pursuant to the Act;
 - (iii) any order issued pursuant to the Act;
 - (iv) any term or condition of a licence; or
 - (v) any term or condition of a ministerial approval;

- (b) the drilling, construction or operation of a well, facility, associated flowline or their respective sites poses a risk described in section 17.01 of the Act or may be a source of contamination described in section 75;
 - (c) the licensee:
 - (i) cannot be located;
 - (ii) is insolvent, bankrupt or defunct; or
 - (iii) is incapable of operating the well or facility;
 - (d) the licensee has failed to submit the security deposit as required by subsection 115(2); or
 - (e) the licensee has failed to submit the specified amount of orphan fund levy within the period specified in subsection 119(2).
- (2) The minister may apply any or all of the security deposit forfeited pursuant to subsection (1), and any moneys recovered from sales of machinery, equipment or materials pursuant to subsection (5), towards the cost required to:
- (a) suspend the operations of and secure a well, facility or their respective sites;
 - (b) take control of, operate, maintain, monitor, repair or care for a well, facility or their respective sites;
 - (c) investigate, audit or inspect a well, facility, their respective sites or any area on or off the sites that has been affected as a result of the operation;
 - (d) conduct environmental site assessment, install monitoring equipment and systems, acquire water, soil and air samples or analyse the samples at a well, facility, their respective sites or any other area on or off the sites that has been contaminated as a result of the operation;
 - (e) contain, manage, secure, stabilize, excavate, treat, process, handle, transport and dispose of materials, contaminated materials and wastes generated, used or stored at the well, facility, associated flowline or their respective sites;
 - (f) abandon, decommission or reclaim a well, facility, their respective sites or any other area on or off the sites that has been damaged, contaminated or otherwise adversely affected as a result of the operation;
 - (g) account, make an inventory of, advertise, sell, transfer, donate or dispose of machinery, equipment or materials on the well, facility or their respective sites;
 - (h) acquire legal, administrative, engineering, scientific, professional and technical advice, services or work; or
 - (i) undertake any other activities deemed necessary in the opinion of the minister.
- (3) If a person other than the licensee or the depositor is authorized by the minister to carry out any of the activities described in subsection (2), the minister may pay any or all of the security deposit to that person for that purpose.

- (4) If the security deposit provided by the licensee does not cover the cost or the expense of carrying out the activities specified in subsection (2), the licensee shall pay the difference to the minister on the written demand of the minister and within the period specified by the minister in the written demand.
- (5) If the licensee fails to pay the difference within the period specified by the minister in the written demand made pursuant to subsection (4), the minister may do all or any of the following:
- (a) use any amount of money in the orphan fund to make up the shortfall if the situation is one to which section 118 applies;
 - (b) recover any portion of the difference from the working interest participants based on their percentage of interest;
 - (c) in accordance with section 17.06 of the Act, sell any machinery, equipment or materials that are at the site of a well or facility to make up the shortfall.
- (6) The minister may deposit any amount of money from the security deposit that has been forfeited pursuant to subsection (1) in the orphan fund at any time.
- (7) The minister may deposit any amount of any proceeds recovered or acquired pursuant to subsection (5) in the orphan fund at any time.
- (8) Notwithstanding section 118, the minister may withdraw any amount less than or equal to the amount of money that was deposited in the orphan fund pursuant to subsections (6) or (7) at any time for the purpose of covering the cost of activities specified in subsection (2).
- (9) On completion of the activities described in subsection (2) and on the written request of a depositor, the minister may return the balance of the forfeited security deposit to the depositor.

5 Apr 2012 cO-2 Reg 6 s116.

Licensee Liability Rating

117(1) In this section, “**LLR**” means the Licensee Liability Rating for a licensee rounded to the nearest hundredth as determined by the minister for a month in accordance with the following formula:

$$LLR = \frac{AOE \times \text{Industry Netback} \times \text{Return Period}}{\sum_{\substack{\text{all wells} \\ \text{and} \\ \text{facilities} \\ \text{licensed} \\ \text{to a} \\ \text{licensee}}} [(Deemed Abandonment Liability + Deemed Reclamation Liability) \times PVS]}$$

where:

AOE is the amount determined in accordance with subsection (3);

Deemed Abandonment Liability is the deemed liability associated with the abandonment of a well or facility;

Deemed Reclamation Liability is the deemed cost associated with the reclamation of a well site or facility site;

Industry Netback is the three-year industry average netback as determined by the minister, expressed in dollars per cubic metre and rounded to the nearest penny;

PVS is the present value salvage factor assigned to the site of a well or facility to reflect the timing of abandonment and reclamation and the future value of equipment salvage;

Return Period is, subject to subsection (2), the average payback period for a licensee's well taking into consideration the expected rate of return on the licensee's investment and the production decline rate of the well.

(2) Unless determined by the minister to be another period, the return period for the purposes of subsection (1) is deemed to be three years.

(3) For the purposes of the formula set out in subsection (1), AOE is the annual oil equivalent production volume attributed to a licensee in cubic metres as determined by the minister in accordance with the following formula rounded to the nearest tenth:

$$AOE = AOP + [(AGP/C_f) \times (1-S_f)]$$

where:

AOP is the sum of the most recent 12 months of oil production in cubic metres rounded to the nearest tenth that is attributable to the licensee's wells;

AGP is the sum of the most recent 12 months of gas production in thousand cubic metres rounded to the nearest tenth that is attributable to the licensee's wells;

C_f is a conversion factor that, when divided into a gas production volume in thousand cubic metres, provides the economic equivalent volume of oil in cubic metres and is a rolling three-year industry average expressed to the nearest ten-thousandth;

S_f is a shrinkage factor that expresses the percentage of total provincial gas production that is not sales gas and is a rolling three-year industry average expressed to the nearest hundredth.

(4) The minister shall determine the Industry Netback, C_f , S_f , Deemed Abandonment Liability, Deemed Reclamation Liability and PVS values mentioned in this section on an annual basis as soon as possible after the beginning of each fiscal year.

(5) Notwithstanding subsection (4), the minister may make any changes to values pursuant to subsection (4) at any time the minister considers it necessary to do so.

(6) Notwithstanding subsection (4), if site specific assessments have been conducted, the minister may use the results of those assessments to determine the reclamation liability for a site rather than the Deemed Reclamation Liability mentioned in this section.

(7) If a licensee has an LLR of less than 1.00, the licensee:

(a) shall be considered as having failed the licensee liability rating conducted pursuant to this section; and

(b) shall submit any amount of security deposit reasonably required by the minister pursuant to subsection 115(2).

- (8) Notwithstanding subsection (4), a licensee may apply to the minister to have other values used in place of those determined pursuant to subsections (4) and (5) for the calculation of the licensee's monthly licensee liability ratings.
- (9) The minister may or may not approve an application pursuant to subsection (8).

5 Apr 2012 cO-2 Reg 6 s117.

Use of the orphan fund

118(1) The minister is authorized to use the money in the orphan fund for the following purposes:

- (a) to reimburse the ministry or a person authorized by the minister:
- (i) for undertaking the abandonment, decommissioning or reclamation of an orphan well, an orphan facility, their respective sites or any other area on or off the sites that has been damaged, contaminated or otherwise adversely affected as a result of the operation; or
 - (ii) for undertaking any other activities that the minister considers necessary and that are associated with the orphan well, the orphan facility and their respective sites mentioned in subclause (i);
- (b) to pay the costs to carry out the following activities:
- (i) the abandonment or decommissioning of all or part of the flowline associated with the orphan well or orphan facility and the reclamation of the area around the flowline or any other associated activities that the minister considers necessary with respect to them;
 - (ii) any action specified in section 17.04 of the Act;
 - (iii) the undertaking of any steps to contain and secure a risk if the licensee or operator is missing or not readily identifiable and if, in the opinion of the minister a well, flowline or facility has an impact on or off the site that poses a risk to an oil, gas or fresh-water-bearing formation or to life or property;
- (c) to pay for technical, administrative, legal or other costs related to acquiring professional services that are incurred in pursuing reimbursement for the costs mentioned in clauses (a) and (b) from the person responsible for paying them;
- (d) to pay for a defunct working interest participant's share of suspension, decommissioning, abandonment and related reclamation costs if those costs:
- (i) in the opinion of the minister, are reasonable and necessary to do the work; and
 - (ii) have been incurred by a working interest participant;
- (e) to pay for any other costs directly related to the administration and operation of the orphan fund; and
- (f) to pay for any expense related to the advisory committee that is approved by the minister, including any expense incurred pursuant to subsection 120(6).

- (2) The minister may determine when money in the orphan fund may be used for the purposes mentioned in subsection (1).
- (3) The minister shall consult with the fund advisory committee appointed pursuant to section 120 with respect to the manner generally in which the purposes of the orphan fund are carried out.
- (4) Nothing in this Part requires the minister to consult with the fund advisory committee respecting the use of a security deposit or equipment and materials forfeited pursuant to subsection 116(2) or (5).

5 Apr 2012 cO-2 Reg 6 s118.

Orphan fund levy

119(1) A licensee shall pay an orphan fund levy for each fiscal year, as required by clause 20.98(c) of the Act, calculated in accordance with the following formula:

$$\text{Orphan fund levy} = A/B \times \text{Annual Budget}$$

where:

A is the licensee's liability for all facilities, wells and unreclaimed sites licensed to the licensee, as calculated at a date and in a manner specified by the minister;

B is the sum of the oil and gas industry's liability for all licensed facilities, wells and unreclaimed sites, as calculated at a date and in a manner specified by the minister; and

Annual Budget is the amount that is required to conduct work specified in subsection 118(1) for a fiscal year as determined by the minister after any consultation with the fund advisory committee appointed pursuant to section 120 that the minister considers necessary.

- (2) A licensee shall pay the amount of the orphan fund levy not later than the 30th day following the mailing date shown on the notice sent by the minister.
- (3) If a licensee does not pay the levy within the period set out in subsection (2), the amount of the levy is a debt due to the Crown in right of Saskatchewan and may be recovered by the minister in any manner authorized by *The Financial Administration Act, 1993* or in any other manner authorized by law.
- (4) The minister may recover all or part of the money expended from the orphan fund for the purpose of carrying out any of the activities mentioned in clauses 118(1)(a) to (d):
- (a) from the licensee;
 - (b) from the working interest participants based on their percentage of interest;
 - (c) from any other person whom the minister considers responsible for the well, well site, facility or facility site; or
 - (d) from the proceeds of the sale of any machinery, equipment or materials that were forfeited pursuant to section 17.06 of the Act.
- (5) Pursuant to subsection (4), the minister shall deposit any amount of money or proceeds recovered pursuant to subsection (4) in the orphan fund. (6) The minimum amount to be retained in reserve in the orphan fund is \$2,000,000.

(7) In determining the Annual Budget mentioned in subsection (1), the minister shall provide for a total levy that will be sufficient, in the minister's opinion, to cover:

- (a) the anticipated costs mentioned in subsection 118(1) for the fiscal year; and
- (b) any surplus for emergency or contingencies and non-budgeted expenditures.

(8) After any consultation with the fund advisory committee that the minister considers necessary, the minister may adjust the Annual Budget mentioned in subsection (1) in order to maintain the minimum amount specified in subsection (6).

5 Apr 2012 cO-2 Reg 6 s119.

Fund advisory committee

120(1) The minister may appoint as members of the fund advisory committee:

- (a) four persons nominated by the oil and gas industry associations that, in the opinion of the minister, represent the general and diverse interests of the oil and gas industry in Saskatchewan; and
- (b) two other persons.

(2) Each member of the fund advisory committee holds office for a term of two years and until a successor is appointed.

(3) If a member of the fund advisory committee nominated by an oil and gas industry association resigns or is no longer able to serve, that oil and gas industry association may:

- (a) nominate another person to be a member for the remainder of the term of the former member; or
- (b) choose to have the former member's position remain vacant until the end of the term of the former member.

(4) A member of the fund advisory committee is eligible to be reappointed as a member.

(5) The members of the fund advisory committee shall:

- (a) assist the minister in the development of an annual program to abandon orphan wells and facilities and the respective sites by advising on the determination and selection of orphan wells and facilities for that program;
- (b) provide the minister with advice and expertise in the development of the Annual Budget described in subsection 119(1), for the payment of the costs associated with the annual abandonment program mentioned in clause (a); and
- (c) make recommendations to the minister respecting the amount of the Annual Budget described in subsection 119(1) for a fiscal year.

(6) Members of the fund advisory committee are entitled to reimbursement for their expenses incurred in the performance of their responsibilities in accordance with rates paid to members of the public service of Saskatchewan.

- (7) The fund advisory committee may:
- (a) appoint or engage any professional, administrative, technical and clerical personnel that may be required for the purposes described in clauses (5)(a) to (c); and
 - (b) determine the salaries and other remuneration of the personnel appointed or engaged pursuant to clause (a).
- (8) A person who performs services at the request of the fund advisory committee for the purposes described in clauses (5)(a) to (c) is entitled to reimbursement for his or her expenses incurred in the performance of his or her responsibilities in accordance with rates paid to members of the public service of Saskatchewan.

5 Apr 2012 cO-2 Reg 6 s120.

Fiscal year

121 For the purposes of clause 20.98(k) of the Act, the fiscal year of the fund is April 1 of one year to March 31 of the following year.

5 Apr 2012 cO-2 Reg 6 s121.

PART XVII
Penalties

Penalty

122(1) The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 40, 83, 88, 89, 90, 91, 92, 93, 102, 103 or 104 by the fixed date is \$100 per day for each well with respect to which one or more submissions or filings are late or deficient.

(2) The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 109 by the fixed date is \$10 per day for each submission or filing that is late or deficient.

(3) For the purposes of subsections (1) and (2), a submission or filing is not considered to be submitted or filed until it has been received at the ministry's offices in Regina.

(4) The penalty for failing to comply with section 5 with respect to submissions or filings required pursuant to section 105, 106, 107, 108 or 110 is:

- (a) \$500 for each month or part of a month for:
 - (i) each complete submission or filing for a facility, well or unit that is required with respect to the current or any previous month and that is not submitted or filed by the fixed date;
 - (ii) each submission or filing mentioned in clause (a) that is required due to a change in infrastructure data of a well or facility and that is not submitted or filed by the fixed date; and
 - (iii) each amendment to the submissions or filings mentioned in clause (a) that is required due to a change in a disposition and that is not submitted or filed by the fixed date; and

- (b) \$100 for each of the following data discrepancies that is not corrected by the fixed date:
- (i) a facility, well or unit imbalance error;
 - (ii) a submission that is missing information with respect to one or more wells;
 - (iii) a submission for a facility, well or unit that is incomplete or contains invalid information;
 - (iv) a facility metering difference error.
- (5) The minister shall provide an invoice that sets out the penalty assessed pursuant to this section to each person who is assessed a penalty.
- (6) The payment of the assessed penalty is to be made within 30 days after the date of the invoice provided pursuant to subsection (5).
- (7) A person who is assessed a penalty pursuant to this section and who has paid the penalty pursuant to subsection (6) may apply to the minister for a waiver of the whole or any portion of the penalty pursuant to subsection (8) by submitting an application in an approved form and manner within 45 days after the date of the invoice provided pursuant to subsection (5).
- (8) On receipt of an application pursuant to subsection (7), the minister may:
- (a) waive the payment of the whole or any portion of a penalty assessed pursuant to subsection (1), (2) or (4) if the minister is satisfied:
 - (i) the penalty, or a portion of the penalty, was levied in error;
 - (ii) the failure to comply with section 5 was due to a cause outside the control of the person required to comply with that provision and could not have been avoided by the exercise of due care; or
 - (iii) in the minister's opinion, it is appropriate and in the public interest to do so; or
 - (b) refuse to waive the payment of the whole or any portion of the penalty.
- (9) In addition to any application submitted pursuant to this section, the minister may, on the minister's own initiative, waive the whole or any portion of a penalty assessed pursuant to subsection (1), (2) or (4) if the minister is satisfied that the circumstances mentioned in subclauses (8)(a)(i) to (iii) apply.
- (10) The minister shall give notice of the minister's actions pursuant to subsections (8) and (9) to each person affected.

PART XVIII
Repeal, Transitional and Coming into Force

R.R.S. c.O-2 Reg 1 repealed

123 *The Oil and Gas Conservation Regulations, 1985* are repealed.

5 Apr 2012 cO-2 Reg 6 s123.

Transitional

124(1) In this section, “**former regulations**” means *The Oil and Gas Conservation Regulations, 1985* as those regulations existed on the day before the day on which this section comes into force.

(2) Notwithstanding the repeal of the former regulations, the former regulations remain in force and apply with respect to all regulatory activities related to oil and gas conducted before April 1, 2012.

5 Apr 2012 cO-2 Reg 6 s124.

Coming into force

125(1) Subject to subsection (2), these regulations come into force on the day on which section 1 of *The Oil and Gas Conservation Amendment Act, 2011* comes into force.

(2) If these regulations are filed with the Registrar of Regulations after the day on which section 1 of *The Oil and Gas Conservation Amendment Act, 2011* comes into force, these regulations come into force on the day on which they are filed with the Registrar of Regulations but are retroactive and are deemed to have been in force on and from April 1, 2012.

5 Apr 2012 cO-2 Reg 6 s125.

Appendix**PART I****Tables**

TABLE 1
[Section 89]

Specifications of Core Boxes

DIAMETER OF CORE (in centimetres)	MAXIMUM OUTSIDE DIMENSION OF BOX (in centimetres)			ROWS PER BOX
	LENGTH	WIDTH	HEIGHT	
6.0 to 7.6	80	17.0	8.5	2
7.7 to 8.9	80	20.5	10.0	2
9.0 to 11.4	80	12.5	12.0	1
11.5 to 14.0	80	15.5	15.0	1

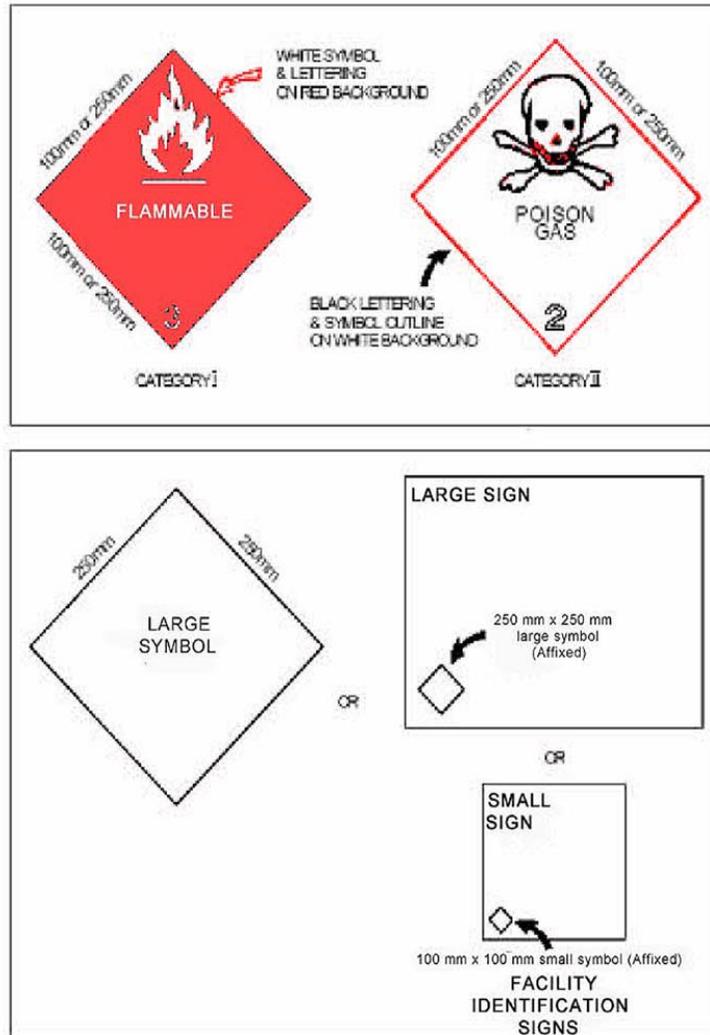
TABLE 2

Fees
[Sections 13, 16, 21]

DESCRIPTION	AMOUNT
1. Processing fee for licence to drill a structure test hole or shale core hole (section 13)	\$ 30
2. Processing fee for a well licence application (subsection 16(1))	500
3. Processing fee for a facility licence application (subsection 16(1))	500
4. Processing fee for application to transfer a well licence (subsection 16(3))	50
5. Processing fee for application to transfer a facility licence (subsection 16(3))	100
6. Processing fee for licence application to deepen or respud an abandoned well (section 21)	225

All processing fees specified in Table 2 are non-refundable.

PART II
WARNING SYMBOLS
[Subsections 19(8), (11)]



5 Apr 2012 cO-2 Reg 6.