



Queensland

*Petroleum Act 1923*

# **Petroleum Regulation 2004**

**Current as at 31 March 2013**

# Information about this reprint

This reprint shows the legislation current as at the date on the cover and is authorised by the Parliamentary Counsel.

A new reprint of the legislation will be prepared by the Office of the Queensland Parliamentary Counsel when any change to the legislation takes effect. This change may be because a provision of the original legislation, or an amendment to it, commences or because a particular provision of the legislation expires or is repealed.

When a new reprint is prepared, this reprint will become a historical reprint. Also, if it is necessary to replace this reprint before a new reprint is prepared, for example, to include amendments with a retrospective commencement, an appropriate note would be included on the cover of the replacement reprint and on the copy of this reprint at [www.legislation.qld.gov.au](http://www.legislation.qld.gov.au).

The endnotes to this reprint contain detailed information about the legislation and reprint. For example—

- The table of reprints endnote lists any previous reprints and, for this reprint, gives details of any discretionary editorial powers under the Reprints Act 1992 used by the Office of the Queensland Parliamentary Counsel in preparing it.
- The list of legislation endnote gives historical information about the original legislation and the legislation which amended it. It also gives details of uncommenced amendments to this legislation. For information about possible amendments to the legislation by Bills introduced in Parliament, see the Queensland Legislation Current Annotations at [www.legislation.qld.gov.au/information](http://www.legislation.qld.gov.au/information).
- The list of annotations endnote gives historical information at section level.

All Queensland reprints are dated and authorised by the Parliamentary Counsel. The previous numbering system and distinctions between printed and electronic reprints are not continued.



Queensland

# Petroleum Regulation 2004

## Contents

---

		Page
<b>Chapter 1</b>	<b>Preliminary</b>	
1	Short title . . . . .	5
2	Commencement . . . . .	5
3	Dictionary [P&G, s 3] . . . . .	5
4	References to Petroleum and Gas (Production and Safety) Regulation 2004 . . . . .	5
<b>Chapter 2</b>	<b>Exploring for and producing petroleum</b>	
<b>Part 1</b>	<b>Reporting</b>	
<b>Division 1</b>	<b>Content of reports and notices required under the Act</b>	
<b>Subdivision 1</b>	<b>Preliminary</b>	
5	Definitions for div 1 [P&G, s 12] . . . . .	6
<b>Subdivision 2</b>	<b>Proposed work programs and later development plans</b>	
6	Authority to prospect—proposed work program [P&G, s 13] . . . . .	8
7	Lease—proposed later development plan [P&G, s 14] . . . . .	8
<b>Subdivision 3</b>	<b>Conversion to water supply bore</b>	
8	Notice of conversion [P&G, s 19] . . . . .	9
<b>Subdivision 4</b>	<b>Relinquishment</b>	
9	Relinquishment report for an authority to prospect [P&G, s 20] . . . . .	9
10	Relinquishment report for a lease [P&G, s 21] . . . . .	10
<b>Subdivision 5</b>	<b>End of tenure</b>	
11	End of tenure report [P&G, s 22] . . . . .	11
<b>Subdivision 6</b>	<b>Surrenders</b>	
14	Surrender report for an authority to prospect [P&G, s 28] . . . . .	12
<b>Division 2</b>	<b>Other notices and reports</b>	
<b>Subdivision 1</b>	<b>Preliminary</b>	
15	Purpose of div 2 [P&G, s 30] . . . . .	14

Contents

---

<b>Subdivision 2 Notices</b>		
15A	Owners and occupiers to be given copy of notices required to be lodged under this subdivision [P&G, s 30A] . . . . .	14
16	Notice of intention to drill a well or bore [P&G, s 31] . . . . .	15
17	Notice of completion, alteration or abandonment of well or bore [P&G, s 32] . . . . .	16
18	Notice of intention to carry out seismic survey or scientific or technical survey [P&G, s 33] . . . . .	17
19	Notice of completion of seismic survey or scientific or technical survey [P&G, s 34] . . . . .	18
20	Notice of intention to carry out hydraulic fracturing activities [P&G, s 35] . . . . .	18
20A	Notice of completion of hydraulic fracturing activities [P&G, s 35A] . . . . .	19
<b>Subdivision 3 Well reports</b>		
21	Daily drilling report [P&G, s 36] . . . . .	20
22	Well completion report [P&G, s 37] . . . . .	21
23	Well or bore abandonment report [P&G, s 38] . . . . .	23
<b>Subdivision 4 Survey reports</b>		
24	Seismic survey report [P&G, s 39] . . . . .	27
25	Scientific or technical survey report [P&G, s 40] . . . . .	29
<b>Subdivision 5 Petroleum reports</b>		
26	Definition for sdiv 5 [P&G, s 41] . . . . .	30
27	How particular volumes must be stated in reports [P&G, s 42] . .	30
28	Petroleum production report—lease [P&G, s 43] . . . . .	31
29	Petroleum reserves report [P&G, s 44] . . . . .	32
30	Production testing report [P&G, s 45] . . . . .	33
<b>Subdivision 6 Hydraulic fracturing activities completion report</b>		
30A	Hydraulic fracturing activities completion report [P&G, s 46A] . .	34
<b>Division 3 Other matters relating to records and samples</b>		
31	Samples required to be kept [P&G, s 47] . . . . .	37
32	Cutting samples [P&G, s 48] . . . . .	38
33	Cores [P&G, s 49] . . . . .	39
34	Fluid samples [P&G, s 50] . . . . .	39
35	Confidentiality of required information for 1923 Act petroleum tenure holders [P&G, s 51] . . . . .	40
36	Publication of required information [P&G, s 52] . . . . .	42

<b>Part 2</b>	<b>Other requirements</b>	
37	Plugging and abandoning a well or bore [P&G, s 60]. . . . .	43
38	Requirement to plug shot holes [P&G, s 61] . . . . .	43
<b>Chapter 3</b>	<b>Miscellaneous</b>	
<b>Part 1</b>	<b>Fees, rents and security</b>	
39	Fees generally [P&G, s 133]. . . . .	44
40	Annual rent [P&G, s 145] . . . . .	44
41	Security for 1923 Act petroleum tenures [P&G, s 150]. . . . .	45
42	Prescribed interest rates [P&G, s 151] . . . . .	46
<b>Part 2</b>	<b>Other provisions</b>	
43	Requirements for petroleum register [P&G, s 154]. . . . .	46
43A	Prescribed way for making applications, giving or lodging documents or making submissions . . . . .	46
<b>Chapter 4</b>	<b>Repeal and transitional provisions</b>	
<b>Part 1</b>	<b>Repeal of Petroleum Regulation 1966 and transitional provisions</b>	
44	Definitions for pt 1. . . . .	47
45	Repeal of Petroleum Regulation 1966 . . . . .	47
46	Continuing effect of notice given under s 114 of repealed regulation . . . . .	47
47	Continued application of repealed reporting provisions—events before commencement . . . . .	48
48	Continued application of repealed reporting provisions—events after commencement . . . . .	48
<b>Part 2</b>	<b>Transitional provision for the Mines and Energy Legislation Amendment Regulation (No. 4) 2008</b>	
49	Payment of annual rent for a particular period . . . . .	49
<b>Part 3</b>	<b>Transitional provision for the Mines and Energy Legislation Amendment Regulation (No. 2) 2010</b>	
50	Confidentiality period for required information lodged before commencement . . . . .	50
<b>Part 4</b>	<b>Transitional provisions for Petroleum and Other Legislation Amendment Regulation (No. 1) 2011</b>	
51	Existing intention to drill a well or bore [P&G, s 171] . . . . .	51
52	Confidentiality period for report about hydraulic fracturing activities lodged before commencement . . . . .	51
<b>Schedule 1</b>	<b>Requirements for plugging and abandoning wells and bores</b>	<b>53</b>
<b>Part 1</b>	<b>Preliminary</b>	
1	Definitions for sch 1 . . . . .	53

Contents

---

<b>Part 2</b>	<b>Requirements for all wells and bores</b>	
2	Abandonment to be consistent with good industry practice . . . . .	53
3	Capping of well or bore . . . . .	53
4	Casing to be sealed . . . . .	54
<b>Part 3</b>	<b>Additional requirements for wells and bores, other than horizontal wells</b>	
5	Isolation of aquifers and porous formations . . . . .	54
6	Casing of prescribed well or bore . . . . .	54
7	Cement to be used for plugs etc. . . . .	55
8	Requirement for packer left in prescribed well or bore . . . . .	55
9	Fluid to be left in prescribed well or bore . . . . .	55
10	Requirements if steel casing or drill string is left in coal seam . . .	56
<b>Part 4</b>	<b>Additional requirement for horizontal wells</b>	
11	Requirement for liner . . . . .	57
<b>Schedule 2</b>	<b>Fees</b> . . . . .	58
<b>Schedule 3</b>	<b>Requirements for petroleum register</b> . . . . .	61
1	All 1923 Act petroleum tenures . . . . .	61
2	Additional matters for an authority to prospect . . . . .	62
3	Additional matters for a lease . . . . .	63
<b>Schedule 4</b>	<b>Dictionary</b> . . . . .	64
 <b>Endnotes</b>		
1	Index to endnotes . . . . .	69
2	Date to which amendments incorporated . . . . .	69
3	Key . . . . .	69
4	Table of reprints . . . . .	70
5	List of legislation . . . . .	71
6	List of annotations . . . . .	73

# Petroleum Regulation 2004

[as amended by all amendments that commenced on or before 31 March 2013]

## Chapter 1 Preliminary

### 1 Short title

This regulation may be cited as the *Petroleum Regulation 2004*.

### 2 Commencement

This regulation commences on 31 December 2004.

### 3 Dictionary [P&G, s 3]

The dictionary in schedule 4 defines particular words used in this regulation.

### 4 References to Petroleum and Gas (Production and Safety) Regulation 2004

- (1) The information included in square brackets after a section heading is a reference to the comparable section of the *Petroleum and Gas (Production and Safety) Regulation 2004*.
- (2) The brackets and information do not form part of this regulation.

## **Chapter 2            Exploring for and producing                               petroleum**

### **Part 1                Reporting**

#### **Division 1            Content of reports and notices                               required under the Act**

#### **Subdivision 1       Preliminary**

##### **5            Definitions for div 1 [P&G, s 12]**

In this division—

*general area information*, for a relinquishment report for a 1923 Act petroleum tenure, means each of the following—

- (a) a location map showing—
  - (i) the area of the 1923 Act petroleum tenure immediately before the relinquishment (the *previous tenure area*); and
  - (ii) the relinquished part of the area of the tenure (the *relinquished area*);
- (b) a map showing the location in the relinquished area of—
  - (i) each well and bore drilled under the tenure; and
  - (ii) each seismic line used for a seismic survey carried out under the tenure;
- (c) a structure contour map showing the seismic horizons (seismic reflectors) in the relinquished area;
- (d) a map showing the leads and prospects in the relinquished area;



- (e) a general description of the topographical features of the previous tenure area and the relinquished area, including, for example, access to the areas.

***hazard information***, for a relinquishment report or surrender report for a 1923 Act petroleum tenure, means each of the following—

- (a) a summary of all significant hazards to future safe and efficient mining of coal created under the tenure that, under section 690(1)(g) or 706 of the 2004 Act or under this regulation or the *Petroleum and Gas (Production and Safety) Regulation 2004*, are required to be reported;
- (b) for each hazard mentioned in the summary under paragraph (a)—a reference to the report that contains details of the hazard;
- (c) for any other hazard, or potential hazard, created under the tenure to future safe and efficient mining of coal or oil shale in the area of the tenure—
  - (i) the nature of the hazard or potential hazard; and
  - (ii) the way in which the hazard or potential hazard was created; and
  - (iii) the location of the hazard or potential hazard; and
  - (iv) measures taken to prevent or reduce the hazard or potential hazard to mitigate its effects.

***tenure information***, for a relinquishment report for a 1923 Act petroleum tenure, means each of the following—

- (a) the day the tenure was granted;
- (b) the day the relinquishment takes effect;
- (c) the period of the work program or development plan, as applicable, for the tenure;
- (d) the blocks or sub-blocks comprising the relinquished part of the area of the tenure.

[s 6]

---

## **Subdivision 2      Proposed work programs and later development plans**

### **6      Authority to prospect—proposed work program [P&G, s 13]**

For section 25A(1)(i) of the Act, the matters are each of the following—

- (a) a description of the geological model for the area of the authority;
- (b) an assessment of the potential for petroleum discovery in the area;
- (c) the rationale, in relation to the geological model for the area, for the activities proposed to be carried out under the authority.

### **7      Lease—proposed later development plan [P&G, s 14]**

(1) For section 53A(1)(g) of the Act, the matters are—

- (a) for each natural underground reservoir within the area of the lease or proposed lease the applicant is aware of—the area limit of the reservoir; and
- (b) details, including the location, type and size, of any planned infrastructure intended to be located within the area of the lease or proposed lease.

*Examples of infrastructure—*

- 1 plant or works, including, for example, communication systems, compressors, powerlines, pumping stations, reservoirs, roads, evaporation or storage ponds and tanks
- 2 temporary structures or structures of an industrial or technical nature, including, for example, mobile and temporary camps

(2) In this section—

***area limit*** of a natural underground reservoir means the location of the boundaries of—

- (a) the proved and probable reserves of petroleum in the reservoir; or
- (b) the reserves of petroleum in the reservoir determined in another way that is acceptable to the chief executive.

*Example—*

reserves of petroleum worked out under a code other than the SPE code

### **Subdivision 3 Conversion to water supply bore**

#### **8 Notice of conversion [P&G, s 19]**

For section 75M of the Act, the information is each of the following—

- (a) a description of the location of the water supply bore;
- (b) the name of the licensed water bore driller who carried out the modification of the well;
- (c) the date on which the well was converted to a water supply bore.

### **Subdivision 4 Relinquishment**

#### **9 Relinquishment report for an authority to prospect [P&G, s 20]**

- (1) This section prescribes, for section 75Z(b) of the Act, other information that must be contained in a relinquishment report for an authority to prospect.
- (2) The information is each of the following—
  - (a) the tenure information for the report;
  - (b) the general area information for the report;

[s 10]

---

- (c) the geological model of the relinquished part of the area of the authority (the *relinquished area*) and an assessment of the potential for petroleum discovery in the area;
- (d) a summary of the results of all authorised activities for the authority carried out in the relinquished area since the authority took effect and the conclusions drawn by the holder based on the results;
- (e) an index of all reports lodged, as required under the Act, in relation to the authorised activities carried out in the relinquished area;
- (f) the hazard information for the report;
- (g) the volume of petroleum or water produced from each well or bore in the relinquished area for each year since the authority took effect;
- (h) if a well in the relinquished area has produced petroleum from a coal seam since the authority took effect—all data or other information held by the holder that, in the holder's reasonable opinion, may help a person to identify in the future any remaining areas of potential free gas that may have been created by removing water from the seam and producing gas from it;
- (i) the reason the holder has relinquished the area.

## **10 Relinquishment report for a lease [P&G, s 21]**

- (1) This section prescribes, for section 75Z(b) of the Act, other information that must be contained in a relinquishment report for a lease.
- (2) The information is each of the following—
  - (a) the tenure information for the report;
  - (b) the general area information for the report;

- (c) the volume of petroleum produced under the lease from wells in the relinquished part of the area of the lease (the *relinquished area*) since the lease took effect;
- (d) the geological model of the natural underground reservoirs in the relinquished area;
- (e) the extraction methods used to produce petroleum in the relinquished area under the lease;
- (f) the volume of petroleum or water produced under the lease from each well or bore in the relinquished area for each year since the lease took effect;
- (g) a summary of the results of all authorised activities for the lease carried out in the relinquished area since the lease took effect and the conclusions drawn by the holder based on the results;
- (h) an index of all reports lodged, as required under the Act, in relation to the authorised activities carried out in the relinquished area;
- (i) the hazard information for the report;
- (j) if a well in the relinquished area has produced petroleum from a coal seam since the lease took effect—all data or other information held by the holder that, in the holder's reasonable opinion, may help a person to identify in the future any remaining areas of potential free gas that may have been created by removing water from the seam and producing gas from it;
- (k) the reason the holder has relinquished the area.

## **Subdivision 5      End of tenure**

### **11      End of tenure report [P&G, s 22]**

- (1) This section prescribes, for section 76(b) of the Act, other information that must be stated in an end of tenure report.

[s 14]

---

- (2) The information is any information mentioned in section 9 or 10 or, for an end of tenure report for an authority to prospect, section 14, that is not mentioned in section 76(1)(a) of the Act.
- (3) For subsection (2), a reference in section 9 or 10 to the relinquished area, and a reference in section 14 to the surrendered area, is taken to be a reference to the area of the tenure immediately before it ended.
- (4) Subsection (2) does not apply to the extent the information mentioned in section 9, 10 or 14 has already been included in a relinquishment report or surrender report lodged for the tenure.

## **Subdivision 6      Surrenders**

### **14      Surrender report for an authority to prospect [P&G, s 28]**

- (1) This section prescribes information that must be included in a report required under section 21(4)(b)(ii) of the Act to accompany a surrender application in relation to part of the area of an authority to prospect.
- (2) The report must contain each of the following—
  - (a) the tenure information;
  - (b) the general area information;
  - (c) the geological model of the surrendered part of the area of the authority (the *surrendered area*) and an assessment of the potential for petroleum discovery in the area;
  - (d) a summary of the results of all authorised activities for the authority carried out in the surrendered area since the authority took effect and the conclusions drawn by the holder based on the results;

- 
- (e) an index of all reports lodged, as required under the Act, in relation to the authorised activities carried out in the surrendered area;
  - (f) the hazard information for the report;
  - (g) information about the volume and location of all petroleum and water produced under the authority from natural underground reservoirs in the surrendered area since the authority took effect;
  - (h) if a well in the surrendered area has produced petroleum from a coal seam since the authority took effect—all data or other information held by the holder that, in the holder's reasonable opinion, may help a person to identify in the future any remaining areas of potential free gas that may have been created by removing water from the seam and producing gas from it;
  - (i) the reason the holder has applied to surrender the part of the area of the authority.

(3) In this section—

***general area information*** means each of the following—

- (a) a location map showing—
  - (i) the area of the authority to prospect immediately before the surrender (the ***previous tenure area***); and
  - (ii) the surrendered area;
- (b) a map showing the location in the surrendered area of—
  - (i) each well and bore drilled under the authority; and
  - (ii) each seismic line used for a seismic survey carried out under the authority;
- (c) a structure contour map showing the seismic horizons (seismic reflectors) in the surrendered area;
- (d) a map showing the leads and prospects in the surrendered area;

[s 15]

---

- (e) a general description of the topographical features of the previous tenure area and the surrendered area, including, for example, access to the areas.

*tenure information* means each of the following—

- (a) the last day of the current term of the authority;
- (b) the period of the work program for the authority;
- (c) the blocks or sub-blocks comprising the surrendered area.

## **Division 2            Other notices and reports**

### **Subdivision 1        Preliminary**

#### **15        Purpose of div 2 [P&G, s 30]**

The division prescribes, for section 76G(1)(b) of the Act, notices and reports required to be lodged by the holder of a 1923 Act petroleum tenure.

### **Subdivision 2        Notices**

#### **15A       Owners and occupiers to be given copy of notices required to be lodged under this subdivision [P&G, s 30A]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure is required to lodge a notice under this subdivision.
- (2) The holder must give a copy of the notice to each owner and each occupier of the land on which the authorised activities to which the notice relates have been or are to be carried out—
  - (a) for a notice of intention to drill a well or bore under section 16—at least 10 business days before the start of drilling; or



- 
- (b) for a notice of completion, alteration or abandonment of a well or bore under section 17—within 10 business days after an event mentioned in section 17(1) happens; or
  - (c) for a notice of intention to carry out a seismic survey or scientific or technical survey under section 18—at least 10 business days before the survey starts; or
  - (d) for a notice of completion of a seismic survey or scientific or technical survey under section 19—within 10 business days after the completion day for the survey; or
  - (e) for a notice of intention to carry out hydraulic fracturing activities under section 20—at least 10 business days before starting the hydraulic fracturing activities; or
  - (f) for a notice of completion of hydraulic fracturing activities under section 20A—within 10 business days after finishing the hydraulic fracturing activities.
- (3) The requirement under subsection (2) to give a copy of the notice—
- (a) to each owner of the land, does not apply if the holder is the owner or an owner of the land; or
  - (b) to each occupier of the land, does not apply if the holder is the occupier or an occupier of the land.

## **16 Notice of intention to drill a well or bore [P&G, s 31]**

- (1) A 1923 Act petroleum tenure holder must, at least 10 business days before starting to drill a well or bore, lodge a notice stating that the well or bore is to be drilled.
- (2) The notice must—
  - (a) be lodged electronically using the system for submission of notices made or approved by the chief executive and available on the department's website; and

[s 17]

---

- (b) be in the digital form made or approved by the chief executive; and
  - (c) for a notice about a well—state a proposed identifying name for the well.
- (3) A proposed identifying name of a well stated in the notice must not be the same, or substantially the same, as a name—
- (a) recorded in the petroleum register for another well; or
  - (b) recorded in the petroleum register under the 2004 Act for a petroleum well under that Act.

**17 Notice of completion, alteration or abandonment of well or bore [P&G, s 32]**

- (1) This section applies if—
- (a) drilling of a well or bore is completed; or
  - (b) the completion configuration of a well changes; or
  - (c) a well or bore is abandoned.
- (2) For subsection (1)—
- (a) drilling of a well or bore is completed if—
    - (i) the drilling rig last used to drill the well or bore is moved so it is no longer above the well or bore; and
    - (ii) the 1923 Act petroleum tenure holder under which the well or bore was drilled intends no further drilling of the well or bore to occur; and
  - (b) the completion configuration of a well changes if, after drilling of the well is completed—
    - (i) additional casing is installed in the well; or
    - (ii) any part of the well is plugged, other than for decommissioning the well; or
    - (iii) an interval in the well is altered in any other way.

- 
- (3) The holder of the 1923 Act petroleum tenure under which the well or bore was drilled must, within 10 business days after the event mentioned in subsection (1) happens, lodge a notice stating that the event has happened.
  - (4) The notice must—
    - (a) be lodged electronically using the system for submission of notices made or approved by the chief executive and available on the department's website; and
    - (b) be in the digital form made or approved by the chief executive.

## **18 Notice of intention to carry out seismic survey or scientific or technical survey [P&G, s 33]**

- (1) This section applies if a seismic survey or a scientific or technical survey is to be carried out within the area of a 1923 Act petroleum tenure.
- (2) The tenure holder must, at least 10 business days before the survey starts, lodge a notice stating each of the following—
  - (a) an identifying name or code for the survey;
  - (b) the type of survey to be carried out;  
*Examples—*  
seismic, geophysical, geochemical, geotechnical
  - (c) a description of the area to be surveyed;
  - (d) the day surveying will start;
  - (e) the expected duration of the surveying.
- (3) The notice must—
  - (a) be in the approved form; and
  - (b) be accompanied by a map showing the location of the area to be surveyed.
- (4) The identifying name or code for the survey stated in the notice must not be the same, or substantially the same, as an

[s 19]

---

identifying name or code for another survey recorded in the petroleum register or the petroleum register under the 2004 Act.

**19 Notice of completion of seismic survey or scientific or technical survey [P&G, s 34]**

- (1) This section applies if a seismic survey or a scientific or technical survey carried out within the area of a 1923 Act petroleum tenure is completed.
- (2) For subsection (1), a survey is completed as soon as all of the raw data for the survey has been recorded or recovered.
- (3) The tenure holder must, within 10 business days after the completion day for the survey, lodge a notice stating that the survey has been completed.
- (4) The notice must be in the approved form.

**20 Notice of intention to carry out hydraulic fracturing activities [P&G, s 35]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure is to carry out hydraulic fracturing activities in the prescribed area for the tenure.
- (2) The holder must, at least 10 business days before starting hydraulic fracturing activities in the prescribed area for the tenure, lodge a notice stating the hydraulic fracturing activities are to start.
- (3) The notice must—
  - (a) be lodged electronically using the system for submission of notices made or approved by the chief executive and available on the department's website; and
  - (b) be in the digital form made or approved by the chief executive.

---

**20A Notice of completion of hydraulic fracturing activities  
[P&G, s 35A]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure has finished hydraulic fracturing activities in the prescribed area for the tenure after the commencement of this section.
- (2) The holder must, within 10 business days after finishing the hydraulic fracturing activities, lodge a notice in the approved form about the completion of the hydraulic fracturing activities.
- (3) Without limiting subsection (2), the approved form must provide for the holder to state—
  - (a) the commencement and completion dates of the hydraulic fracturing activities; and
  - (b) the operator of the drilling project involving the hydraulic fracturing activities; and
  - (c) the contractor who carried out the hydraulic fracturing activities on behalf of the operator of the drilling project; and
  - (d) details of the composition of the hydraulic fracturing fluid pumped into the well used for the hydraulic fracturing activities.
- (4) The notice must—
  - (a) be lodged electronically using the system for submission of notices made or approved by the chief executive and available on the department's website; and
  - (b) be in the digital form made or approved by the chief executive.

## **Subdivision 3      Well reports**

### **21      Daily drilling report [P&G, s 36]**

- (1) A 1923 Act petroleum tenure holder must lodge a daily drilling report for each day on which drilling of a well is carried out under the tenure.
- (2) The report must be given not later than 5p.m. on the next business day after the day to which the report relates.
- (3) The report must contain each of the following in relation to the drilling carried out during the day—
  - (a) the identifying name of the well;
  - (b) the tenure holder's name and the tenure under which the well was drilled;
  - (c) the type of drilling rig used;
  - (d) a summary of the drilling operations carried out;
  - (e) the depth in metres of the well at the end of the day's drilling;
  - (f) the size and type of drill bit used;
  - (g) the drilling fluids and additives used;
  - (h) the size and depth in metres of any casing inserted in the well;
  - (i) the depth in metres of the top and bottom of each cemented interval in the well;
  - (j) the results of any deviation surveys carried out in the well;
  - (k) a description of any drill stem tests or other tests carried out in the well;
  - (l) the depth in metres of the top and bottom of the hydrocarbon show intervals in the well and the type and description of any surface observations of each interval;

- 
- (m) the type of any perforations in the well and the depth in metres of the top and bottom of the perforated intervals;
  - (n) details of any stimulation carried out;
  - (o) details of any squeeze cementing or cement plugging carried out;
  - (p) a description of any cores or cutting samples taken.
- (4) In this section—
- deviation survey* means a survey of the path of a well that measures its direction in 3 dimensions.

## **22 Well completion report [P&G, s 37]**

- (1) A 1923 Act petroleum tenure holder must lodge a well completion report for a well drilled under the tenure.
- (2) The report must be given not later than 6 months after the rig release day for the well.
- (3) The report must contain each of the following—
  - (a) the type and number of the tenure;
  - (b) the name, and postal address, of the operator of the well;
  - (c) the identifying name of the well;
  - (d) a well card for the well (a summary of the information about the well in the report);
  - (e) a map showing the location of the well;
  - (f) a geological summary of the area of the tenure;
  - (g) the ground level and kelly bushing level in metres for the well;
  - (h) the total depth in metres of the well;
  - (i) the following days—
    - (i) the day the drilling of the well started;
    - (ii) the day the total depth of the well was reached;

[s 22]

---

- (iii) the rig release day for the well;
- (j) details of the drilling rig, the number and type of drill bits, and the drilling fluids, used to drill the well;
- (k) the status of the well on the rig release day;
- (l) the surveyed path of the well;
- (m) details of the casing and equipment installed in the well, with a diagram showing their location in the well;
- (n) the type of any perforations, and the depth in metres of the top and bottom of the perforated intervals;
- (o) details of the cementing in the well, including its location, the type of cement used and the depth in metres of the top and bottom of each cemented interval;
- (p) a description of all tests or surveys carried out for the purpose of drilling the well;
- (q) a geological interpretation of the well, including the stratigraphy of the rock units it intersects;
- (r) an identification of the intervals in the well that have the potential to produce petroleum;
- (s) an assessment of—
  - (i) the relevance of the well to the hydrocarbon potential within the vicinity of the well; and
  - (ii) the implications of the well for the future management of the natural underground reservoir to which the well relates;
- (t) a description of each geological sample taken during the drilling of the well, including the depth in metres at which the sample was taken;  
*Examples of geological samples—*
  - cuttings, sidewall cores and conventional cores
- (u) an interpretation of the data obtained from the geophysical (or wireline) logs that have been run in the well;



- 
- (v) the tenure holder's reasons for choosing the location of the well.
  - (4) For a directional well, the report must also state the position of each of the following—
    - (a) the stratigraphic units intersected by the well;
    - (b) the bottom of the well;
    - (c) any intersection of the well with another well.
  - (5) For subsection (4), the position must be expressed in relation to—
    - (a) total vertical depth in metres; and
    - (b) the horizontal plane.
  - (6) The report must be accompanied by each of the following—
    - (a) a digital image of the cores taken during the drilling of the well;
    - (b) the raw data, in digital form, of each geophysical (or wireline) log that has been run in the well;
    - (c) a digital image of the graphic representations of the raw data mentioned in paragraph (b).
  - (7) Also, if the well is plugged and abandoned before the rig release day for the well, the report must be accompanied by a well abandonment report for the well.

## **23 Well or bore abandonment report [P&G, s 38]**

- (1) If a well or bore is plugged and abandoned, the 1923 Act petroleum tenure holder must lodge a well or bore abandonment report—
  - (a) for a well that is plugged or abandoned before the rig release day for the well—with the well completion report for the well required under section 22; or
  - (b) otherwise—not later than 2 months after the completion day.

- (2) The report must contain each of the following—
- (a) on the first page, each of the following details—
    - (i) the type and number of the petroleum tenure;
    - (ii) the identifying name of the well or bore;
    - (iii) the name of the author of the report;
    - (iv) the name of the tenure holder;
    - (v) the name of the operator of the well or bore;
    - (vi) the name of the person submitting the report;
    - (vii) the date of the report, in day-month-year format;
  - (b) a summary and history of the well or bore, including a location map and, for a well, the date on which a well completion report for the well was lodged;
  - (c) the following details about the well or bore—
    - (i) its total depth in metres;
    - (ii) the position at the top and bottom, expressed as required under subsection (3), and the thickness, of any of the following intersected by the well or bore—
      - (A) a coal seam;
      - (B) a natural underground reservoir;
      - (C) an aquifer;
    - (iii) the depth in metres of any perforations in the casing of the well or bore;
    - (iv) the type of drilling rig used to drill the well or bore;
  - (d) if stimulation of a coal seam was carried out in the well or bore under the tenure, the matters stated in subsection (4);

- 
- (e) all surveys and measurements made in the well or bore, including any detailed interpretation of a survey or measurement;
  - (f) in relation to the completion or abandonment of the well or bore, each of the following—
    - (i) details of the casing and equipment installed in the well or bore, with diagrams showing the major dimensions and features of the casing and equipment;
    - (ii) a full description of all equipment, including prescribed equipment, that is retained in the well, including the size and nature of the equipment and any features of the equipment that may cause a hazard to coal mining operations;

*Example of features that may cause a hazard to coal mining operations—*

aluminium, electronics or batteries

- (iii) the surveyed location of any prescribed equipment;
- (iv) the method of the cementing operations carried out in or on the well or bore, including the location and type of plugs, the intervals covered, the volume and type of cement used, any losses of cement due to voids or permeable strata, and the methods used to overcome losses of cement;
- (v) the method, materials and volume of cement used to cement voids;
- (vi) a description of any other abandonment procedures used for the well or bore;
- (vii) any other details of the activities undertaken in drilling, completing and plugging and abandoning the well or bore, including an assessment of their possible impacts, that would assist a person in making an assessment of potential risks to safe and efficient mining of coal.

[s 23]

---

- (3) For subsection (2)(c)(ii), the position at the top and bottom of the coal seam, natural underground reservoir or aquifer must be identified in relation to—
- (a) for a directional well—
    - (i) total vertical depth in metres; and
    - (ii) the horizontal plane; or
  - (b) otherwise—the depth in metres.
- (4) For subsection (2)(d), the matters are each of the following—
- (a) the depth in metres of the top and bottom of the interval over which the stimulation was carried out;
  - (b) a description of the equipment used to carry out the stimulation;
  - (c) for the interval mentioned in paragraph (a), a graphic representation of each of the following—
    - (i) casing pressure with time;
    - (ii) calculated bottom hole pressure with time;
    - (iii) slurry rate with time;
    - (iv) proppant concentration with time;
    - (v) calculated bottom hole concentration with time;
  - (d) any record made about the stimulation by the person who carried it out;
  - (e) any other details about the stimulation that would assist a person in making a future assessment of the impact of the stimulation on the coal seam and any increased risk to safe and efficient mining of coal.
- (5) In this section—
- completion day*** means the day on which plugging and abandoning of the well or bore is completed as required to comply with the requirements under schedule 1.

---

*prescribed equipment* see the *Petroleum and Gas (Production and Safety) Regulation 2004*, section 69.

## **Subdivision 4      Survey reports**

### **24      Seismic survey report [P&G, s 39]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure—
  - (a) carries out a seismic survey of the area of the tenure; or
  - (b) reprocesses raw data obtained from a survey mentioned in paragraph (a).
- (2) The tenure holder must, not later than 12 months after the completion day for the survey, lodge a seismic survey report for the survey.
- (3) The report must contain each of the following—
  - (a) a description of the location of the area surveyed;
  - (b) a geological summary of the area surveyed;
  - (c) an index of previous seismic surveys carried out under the tenure within the area and a summary of the results of the surveys;
  - (d) the objectives of the survey;
  - (e) the activities carried out for the survey, including, for example, details of the seismic lines used and the days on which the activities were carried out;
  - (f) a description of each method used to acquire raw data, including—
    - (i) the equipment used for positioning, surveying, navigation or other purposes; and
    - (ii) the techniques and equipment used for recording and testing the data;

[s 24]

---

- (g) a description of how the raw data was processed or, for a survey mentioned in subsection (1)(b), reprocessed;
  - (h) an evaluation of the processed or reprocessed data, including an interpretation of the seismic horizons (seismic reflectors) and any leads or prospects identified from the data;
  - (i) a map showing the location of the seismic lines used for the survey;
  - (j) if the report is not accompanied by grid files for the area surveyed in digital form—
    - (i) structure contour maps of seismic horizons (seismic reflectors) in the area surveyed; and
    - (ii) maps of the area showing variations in the thickness of stratigraphic units (isopach maps).
- (4) The report must be accompanied by—
- (a) each of the following in digital form—
    - (i) the raw data obtained in relation to the survey and the record made as the data was recorded (commonly known as the ‘observer’s logs’);
    - (ii) a list of the seismic lines used and the range of the numbered stations on each line;
    - (iii) the surveyed location, including the elevation, of each seismic source and receiver point;
    - (iv) the processed or reprocessed data derived from each seismic line used for the survey;
    - (v) a graphical representation of the data mentioned in subparagraph (iv); and
  - (b) if an activity for the survey was carried out by a contractor of the tenure holder, a copy of any report given to the holder by the contractor in relation to the activity.
- (5) In this section—

---

*grid file*, for an area, means a representation, on a close-spaced, regular grid, of an interpretation of time and depth to seismic horizons (seismic reflectors).

## **25 Scientific or technical survey report [P&G, s 40]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure—
  - (a) carries out a scientific or technical survey of the area of the tenure; or
  - (b) reprocesses raw data obtained from a survey mentioned in paragraph (a).
- (2) The tenure holder must, not later than 6 months after the completion day for the survey, lodge a scientific or technical survey report for the survey.
- (3) The report must contain each of the following—
  - (a) a description of the location of the area surveyed;
  - (b) a geological summary of the area surveyed;
  - (c) the type of survey carried out;
  - (d) an index of previous scientific or technical surveys, of the same type as the survey for which the report is given, carried out under the tenure within the area;
  - (e) the objectives of the survey;
  - (f) the activities carried out for the survey, including, for example, the days on which the activities were carried out;
  - (g) the methods and equipment used for acquiring and processing, or reprocessing, data;
  - (h) an interpretation of the processed or reprocessed data derived from the survey;
  - (i) a map showing the location of—
    - (i) the area surveyed; and

[s 26]

---

- (ii) where any measurements were made or samples were taken in connection with the survey.
- (4) The report must be accompanied by each of the following in digital form—
- (a) the raw data obtained in relation to the survey;
  - (b) the processed or reprocessed data derived from the survey.

## **Subdivision 5      Petroleum reports**

### **26      Definition for sdiv 5 [P&G, s 41]**

In this subdivision—

*6 month period*, for a 1923 Act petroleum tenure, means a following period in a year during which, for all or part of the period, the tenure is in effect—

- (a) 1 January to 30 June;
- (b) 1 July to 31 December.

### **27      How particular volumes must be stated in reports [P&G, s 42]**

If this subdivision requires a volume of water or a petroleum product to be stated in a report, the volume must be stated as—

- (a) megalitres, for any of the following—
  - (i) water;
  - (ii) LPG;
  - (iii) condensate;
  - (iv) crude oil; or
- (b) millions of cubic metres for gas, including coal seam gas.



---

**28 Petroleum production report—lease [P&G, s 43]**

- (1) The holder of a lease must, within 40 business days after the last day of a 6 month period for the lease, lodge a petroleum production report for the period.
- (2) The report must contain each of the following in a form acceptable to the chief executive—
  - (a) the number of the lease;
  - (b) an identification of each natural underground reservoir and the reservoir formation (or geological unit) from which petroleum was produced under the lease during the period;
  - (c) each of the following for the 6 month period—
    - (i) the volume of each petroleum product derived from petroleum produced from each natural underground reservoir within the area of the lease;
    - (ii) the volume of petroleum produced under the lease that was flared or vented in a gaseous state;
    - (iii) the volume of petroleum produced under the lease that was used to produce petroleum;
    - (iv) the volume, or an estimate of the volume, of associated water taken under the lease from each natural underground reservoir;
  - (d) the volumes mentioned in paragraph (c)(i) to (iii) for the period starting on the day petroleum was first produced under the lease and ending on the last day of the 6 month period;
  - (e) the volume or estimate mentioned in paragraph (c)(iv) for the period starting on the day associated water was first taken under the lease and ending on the last day of the 6 month period;
  - (f) for each natural underground reservoir from which petroleum was produced under the lease—the number of

[s 29]

---

wells producing petroleum under the lease from the reservoir;

- (g) for each well drilled for the purpose of producing coal seam gas within the area of the lease, each of the following for associated water taken from the well under the lease during the 6 month period—
  - (i) the volume, or an estimate of the volume, of water taken;
  - (ii) the pH of the water on each day during the period on which it was measured;
  - (iii) the measurements taken of total dissolved solids (mg/l) in, and the electrical conductivity of, the water during the period.

## **29 Petroleum reserves report [P&G, s 44]**

- (1) This section applies if there are proved and probable reserves of petroleum within the area of a 1923 Act petroleum tenure.
- (2) The holder must, within 40 business days after the last day of a 6 month period for the tenure, lodge a petroleum reserves report for the period.
- (3) The report must contain each of the following in a form acceptable to the chief executive—
  - (a) the type and number of the 1923 Act petroleum tenure;
  - (b) an identification of each natural underground reservoir in which there were proved and probable reserves of petroleum during the period;
  - (c) the volume of the proved and probable reserves of petroleum in each natural underground reservoir within the area of the tenure worked out on the first day and last day of the period.

---

**30 Production testing report [P&G, s 45]**

- (1) This section applies if production testing for a well is carried out under a 1923 Act petroleum tenure.
- (2) The holder must, within 40 business days after the last day of a relevant testing period, lodge a production testing report for the period.
- (3) The report must contain each of the following in a form acceptable to the chief executive—
  - (a) the type and number of the tenure;
  - (b) the identifying name of the well;
  - (c) an identification of each natural underground reservoir and the reservoir formation (or geological unit) from which petroleum was produced as part of the production testing;
  - (d) the duration of the production testing carried out during the period;
  - (e) the type of any perforations in the well and the depth in metres of the top and bottom of the perforated intervals;
  - (f) the volumes, or estimates of the volumes, of gas, oil and water produced from the testing during the period;
  - (g) the choke size used for the well;
  - (h) the density of any oil produced from the testing during the period, measured using the American Petroleum Institute's scale of measuring the specific gravity of oil, commonly known as the 'API gravity' of the oil;
  - (i) the pressure in the well, measured during the period, at which petroleum can not escape from the wellhead for the well, commonly known as the 'shut-in pressure' of the well.
- (4) In this section—

*relevant testing period* means—

[s 30A]

---

- (a) the period starting on the day production testing for the well first starts and ending on the earlier of—
  - (i) 30 days from the day testing first started; or
  - (ii) the day testing ends; and
- (b) if the production testing is carried out for more than 30 days—the period starting on the 31st day of testing and ending on the day the testing ends.

## **Subdivision 6      Hydraulic fracturing activities                                  completion report**

### **30A      Hydraulic fracturing activities completion report                  [P&G, s 46A]**

- (1) This section applies if the holder of a 1923 Act petroleum tenure has finished hydraulic fracturing activities in the prescribed area for the tenure after the commencement of this section.
- (2) The holder must, within 2 months after finishing the hydraulic fracturing activities, lodge a report (a *hydraulic fracturing activities completion report*) that complies with subsection (3).
- (3) The report must contain each of the following—
  - (a) the type and number of the tenure;
  - (b) the name and postal address of the contractor who carried out the hydraulic fracturing activities on behalf of the operator of the drilling project;
  - (c) the identifying name of each treatment well or observation well for which the hydraulic fracturing activities were carried out;
  - (d) the day the hydraulic fracturing activities for each well started;

- (e) the day the hydraulic fracturing activities for each well finished;
- (f) an identification of each method of hydraulic fracturing activities carried out;
- (g) the depth in metres of the top and bottom of—
  - (i) each stage over which the hydraulic fracturing activities were carried out; and
  - (ii) each geological interval over which hydraulic fracturing activities were carried out and the name of each geological interval;
- (h) a summary of the operations performed at each stage in carrying out the hydraulic fracturing activities, including the volume and type of chemical used at each stage;
- (i) an assessment of the implications of the hydraulic fracturing activities for each well for the future management of the natural underground reservoir involved, including for each stage of the hydraulic fracturing activities, over the geological interval, a graphic representation of the following—
  - (i) casing pressure with time;
  - (ii) calculated bottom hole pressure with time;
  - (iii) calculated bottom hole concentration with time;
  - (iv) the rate at which the hydraulic fracturing fluid is pumped into the well used for the hydraulic fracturing activities with time;
  - (v) the concentration of proppant in the hydraulic fracturing fluid with time;
  - (vi) maximum surface treatment pressure reached during each stage of the hydraulic fracturing activities;
  - (vii) the estimated targeted fracture pressure over the geological interval during each stage of the hydraulic fracturing activities;

[s 30A]

---

- (j) details of—
    - (i) the equipment used to carry out and monitor the hydraulic fracturing activities; and
    - (ii) the diagnostic techniques used to monitor the hydraulic fracturing activities;
  - (k) if known, details of—
    - (i) any geological connection between a geological interval over which hydraulic fracturing activities were carried out and an aquifer; and  
*Example—*

In the Surat Basin, if a Walloon subgroup geological interval hydraulic fracture treatment stage breaks through to the Upper Springbok Formation, the holder must include details of this event.
    - (ii) the distance separating a geological interval over which hydraulic fracturing activities were carried out from an aquifer;
  - (l) details of the total volume of hydraulic fracturing fluid, in kilolitres, pumped into each well during each stage of the hydraulic fracturing activities;
  - (m) if hydraulic fracturing activities were carried out on a coal seam—any other details about the hydraulic fracturing activities that would assist a person in making a future assessment of the impact of the hydraulic fracturing activities on the coal seam and any increased risk to safe and efficient mining of coal;
  - (n) if a known event related to the hydraulic fracturing activities has caused material environmental harm, or serious environmental harm, within the meaning of the *Environmental Protection Act 1994*—details of each step taken to mitigate the harm.
- (4) The holder must ensure the report is accompanied by a statement (a ***hydraulic fracturing fluid statement***) stating, for the hydraulic fracturing fluid used in carrying out the

---

hydraulic fracturing activities, the composition of the hydraulic fracturing fluid, including—

- (a) the quantity of each component of the hydraulic fracturing fluid in kilograms, litres, or kilolitres, as appropriate; and
- (b) the concentration of each component in the hydraulic fracturing fluid; and
- (c) the name of any chemical compound contained in the hydraulic fracturing fluid.

Maximum penalty for subsection (4)—20 penalty units.

### **Division 3                    Other matters relating to records and samples**

#### **31        Samples required to be kept [P&G, s 47]**

- (1) For section 76A(1) of the Act, the samples about the authorised activities carried out under a 1923 Act petroleum tenure that must be kept by the holder are the samples mentioned in sections 32 to 34.
- (2) A sample must be kept until the later of the following—
  - (a) the end of the term of the 1923 Act petroleum tenure;
  - (b) the sample, or part of the sample, is lodged as required under section 76B of the Act.
- (3) A sample must be kept in a way that prevents unnecessary deterioration or loss of the sample.
- (4) Despite subsection (1), the holder need not keep a sample (the *new sample*) from a coal seam gas well if, on written application by the holder, the chief executive exempts the holder from having to keep the new sample because—
  - (a) the holder has previously lodged a sample, or part of a sample, (the *previous sample*) from the same coal seam

[s 32]

---

gas well, or another coal seam gas well drilling the same seam or structure; and

- (b) the new sample has similar properties to the previous sample.

### **32 Cutting samples [P&G, s 48]**

- (1) A 1923 Act petroleum tenure holder must, for each well drilled under the tenure, keep the cutting samples of the geological formations penetrated by the drill for each interval mentioned in subsection (2).
- (2) For subsection (1), the intervals are—
  - (a) each 10m interval, or part of a 10m interval, from the surface to as close as practicable to the top of the geological formation nearest to the surface that is likely to contain a natural underground reservoir; and
  - (b) each 3m interval, or part of a 3m interval, from as close as practicable to the top of the geological formation mentioned in paragraph (a) to the bottom of the well.
- (3) However, subsection (2)(a) does not apply in relation to a development well.
- (4) The part of the sample that is lodged as required under section 76B(1) of the Act must be—
  - (a) 250g or more, but not more than 500g; and
  - (b) washed and dried; and
  - (c) in a container that is suitable for long-term storage and handling and is labelled with each of the following—
    - (i) the identifying name of the well from which the sample was taken;
    - (ii) the depth in metres of the top and bottom of the interval from which the sample was taken.
- (5) In this section—



---

*cutting sample* means a sample of the cuttings produced by the drilling of the well.

### 33 Cores [P&G, s 49]

- (1) A 1923 Act petroleum tenure holder must keep each core recovered from a well under the tenure.
- (2) The part of the core that is lodged as required under section 76B(1) of the Act must—
  - (a) be at least 50% of the core recovered; and
  - (b) have as complete a vertical face as is practicable; and
  - (c) be lodged in a box or other suitable container that is suitable for long-term storage and handling and is labelled with each of the following—
    - (i) the identifying name of the well from which the core was recovered;
    - (ii) if more than 1 core is recovered from the well—the number of the core;
    - (iii) the depth in metres of the top and bottom of the interval cored;
    - (iv) the length in metres of the core recovered.

### 34 Fluid samples [P&G, s 50]

- (1) This section applies if the holder of a 1923 Act petroleum tenure recovers a sample (a *fluid sample*) of liquid petroleum from a well under the tenure and the sample is more than 10l.
- (2) If the well is an exploration or appraisal well, the holder must—
  - (a) keep the fluid sample; and
  - (b) lodge, as required under section 76B(1) of the Act, 500ml or more of the fluid sample.

[s 35]

---

- (3) If the well is a development well, the holder must, if no fluid sample from the same natural underground reservoir from which the sample is taken has previously been lodged by the holder—
  - (a) keep the fluid sample; and
  - (b) lodge, as required under section 76B(1) of the Act, 500ml or more of the fluid sample.
- (4) A fluid sample that is lodged as required under section 76B(1) of the Act must be lodged in a glass bottle that is—
  - (a) teflon sealed with a screw top; and
  - (b) labelled with at least the following information—
    - (i) the identifying name of the well;
    - (ii) the depth in metres of the top and bottom of the interval from which the sample was recovered;
    - (iii) the day on which the sample was recovered;
    - (iv) the method by which the fluid sample was recovered.

*Examples—*

drill stem tests, production tests

### **35 Confidentiality of required information for 1923 Act petroleum tenure holders [P&G, s 51]**

- (1) This section prescribes, for section 76D(1) of the Act, the confidentiality period for required information for a 1923 Act petroleum tenure.
- (2) The period starts on the day the information is lodged under the Act and ends on the following day—
  - (a) for a daily drilling report required to be lodged under section 21 or a well completion report—
    - (i) for an appraisal well or an exploration well—the day that is 2 years after the day on which the report is required to be lodged; or

- (ii) for a development well—the day that is 5 years after the day on which the report is required to be lodged;
- (b) subject to subsection (3), for a well or bore abandonment report—
  - (i) for an appraisal well, exploration well or bore—the day that is 2 years after the day on which the report is required to be lodged; or
  - (ii) for a development well—the day that is 5 years after the day on which the report is required to be lodged;
- (c) for a seismic survey report required under section 24 to be lodged—the day that is 2 years after the day on which the report is required to be lodged;
- (d) for a scientific or technical survey report required under section 25 to be lodged—the day that is 2 years after the day on which the report is required to be lodged;
- (e) for a petroleum production report required under section 28 to be lodged for a lease—the day that is 6 months after the last day of the period to which the report relates;
- (f) for a petroleum reserves report required under section 29 to be lodged—the day that is 6 months after the last day of the period to which the report relates;
- (g) for a production testing report required under section 30 to be lodged—
  - (i) for an authority to prospect—the day that is 2 years after the last day of the period to which the report relates; or
  - (ii) for a lease—the day that is 5 years after the last day of the period to which the report relates;
- (h) for a cutting sample, core or fluid sample required under section 76B of the Act to be lodged—

[s 36]

---

- (i) for an appraisal well or an exploration well—the day that is 2 years after the day on which part of the sample or core is required to be lodged under section 76B of the Act; or
- (ii) for a development well—the day that is 5 years after the day on which part of the sample or core is required to be lodged under section 76B of the Act;

*Editor's note—*

See also sections 32 (Cutting samples), 33 (Cores) and 34 (Fluid samples).

- (i) for a hydraulic fracturing activities completion report required to be lodged under section 30A, including any accompanying hydraulic fracturing fluid statement—the day that is 5 years after the day on which the report is required to be lodged, or the day on which the report is lodged, whichever is the earlier.
- (3) There is no confidentiality period for making a well or bore abandonment report for a well available under section 76D(1)(b) of the Act to the holder of a coal or oil shale mining tenement if the well was drilled within the area of the tenement.
  - (4) There is no confidentiality period for required information not mentioned in subsection (2).

### **36 Publication of required information [P&G, s 52]**

- (1) This section prescribes, for section 76D(1)(a) of the Act, the ways in which the chief executive may publish required information.
- (2) The ways are each of the following—
  - (a) in a journal published by the department or under the Minister's authority;
  - (b) in another publication considered appropriate by the chief executive;
  - (c) on the department's website on the internet;

- (d) in a publicly available database;
- (e) on a map that is made available to the public for inspection or purchase;
- (f) in digital or electronic form, including, for example, on a disc or tape;
- (g) by displaying it on a notice that is available to the public for inspection at—
  - (i) the department's head office; and
  - (ii) other places the chief executive considers appropriate;
- (h) by telling it to another person or presenting it to the person in a visual form.

## Part 2 Other requirements

### 37 Plugging and abandoning a well or bore [P&G, s 60]

- (1) For section 75U(4)(a) of the Act a well or bore must be plugged and abandoned in the way stated in schedule 1.
- (2) The safety requirements stated in the *Petroleum and Gas (Production and Safety) Regulation 2004*, sections 69 and 70 also apply for plugging and abandoning a well.
- (3) Subsections (1) and (2) apply subject to any exemption granted to the operator under the *Petroleum and Gas (Production and Safety) Regulation 2004*, chapter 3, part 4.

### 38 Requirement to plug shot holes [P&G, s 61]

- (1) The holder of a 1923 Act petroleum tenure must ensure that, if a hole is drilled within the area of the tenure for use as a shot hole—

[s 39]

---

- (a) as soon as practicable after the hole is no longer required for use as a shot hole—
  - (i) the hole is plugged with solid material, including, for example, soil, rock or concrete; and
  - (ii) any area around the hole that has been disturbed by the firing of an explosive is restored as far as is practicable to its original state; and
- (b) if the hole caves in or collapses after it is plugged as required under paragraph (a)—any subsequent damage caused by the hole caving in or collapsing is restored.

Maximum penalty—20 penalty units.

- (2) To the extent the requirement under subsection (1) is inconsistent with a relevant environmental condition for the tenure, the relevant environmental condition prevails.

## **Chapter 3      Miscellaneous**

### **Part 1              Fees, rents and security**

#### **39      Fees generally [P&G, s 133]**

- (1) The fees payable under the Act are stated in schedule 2.
- (2) If a fee payable is for a supply for which GST is payable, the fee is to be increased to take account of the GST.

#### **40      Annual rent [P&G, s 145]**

- (1) For section 46(1) of the Act, the annual rent for a lease is \$126.90 for each square kilometre of the area of the lease.

- 
- (2) The annual rent for a lease, or a pro-rata amount of the annual rent if the period to which the rent relates is less than a year, must be paid on or before the following days—
    - (a) on the grant of the lease—the 20th business day after the lease takes effect;
    - (b) otherwise—31 August each year.
  - (3) The annual rent must be paid by cash, cheque or electronic transfer of funds.
  - (4) If the annual rent for a lease is paid for a year and the lease ends during the year, the proportion of the annual rent that relates to the remainder of the year may be refunded.

#### **41 Security for 1923 Act petroleum tenures [P&G, s 150]**

- (1) For section 78E(2)(a) of the Act, the following forms of security are prescribed—
  - (a) cash;
  - (b) cheque;
  - (c) electronic transfer of funds;
  - (d) an unconditional security issued by a financial institution that—
    - (i) is in favour of the ‘State of Queensland’ and is payable on demand; and
    - (ii) has no expiry date; and
    - (iii) states—
      - (A) the type and number of the tenure or proposed tenure; and
      - (B) the address of the financial institution; and
    - (iv) is signed for the financial institution by an officer who has authority to sign the security;
  - (e) a combination of the forms mentioned in paragraphs (a) to (d).

[s 42]

---

- (2) For section 78E(2)(b) of the Act, the following amounts are prescribed—
- (a) for an authority to prospect or proposed authority to prospect—\$12000;
  - (b) for a lease or proposed lease—\$35000.

**42 Prescribed interest rates [P&G, s 151]**

For section 102(2) of the Act, the rate of interest is 15% a year.

## **Part 2 Other provisions**

**43 Requirements for petroleum register [P&G, s 154]**

For section 80B(1) of the Act, the information that must be included in the petroleum register for a 1923 Act petroleum tenure is stated in schedule 3.

**43A Prescribed way for making applications, giving or lodging documents or making submissions**

- (1) For section 124AA(2)(b) of the Act, the prescribed way for doing any of the following is electronically using the online system on the department's website—
- (a) the making of an application;
  - (b) the giving of a document to the Minister or the chief executive;
  - (c) the lodging of a document;
  - (d) the making of a submission.
- (2) Also, the chief executive may, by notice given to the person making or giving a document mentioned in subsection (1),



require the person to lodge a hard copy of the application, document or submission at the place required under section 124AA(2)(a) of the Act.

- (3) An application, document or submission lodged electronically after 4.30p.m. on a working day and before 8.30a.m. on the next working day (the *later day*) is taken to have been lodged at 8.30a.m. on the later day.

## **Chapter 4      Repeal and transitional provisions**

### **Part 1            Repeal of Petroleum Regulation 1966 and transitional provisions**

#### **44      Definitions for pt 1**

In this part—

*commencement* means the commencement of section 45.

*repealed regulation* means the *Petroleum Regulation 1966*.

#### **45      Repeal of Petroleum Regulation 1966**

The Petroleum Regulation 1966 is repealed.

#### **46      Continuing effect of notice given under s 114 of repealed regulation**

- (1) This section applies if—

[s 47]

---

- (a) a person gave a notice of intention to drill a well under section 114 of the repealed regulation before the commencement; and
  - (b) drilling of the well starts after the commencement.
- (2) The person is taken to have complied with section 16 or the *Petroleum and Gas (Production and Safety) Regulation 2004*, section 31, as applicable, in relation to the well.
- (3) This section applies despite section 48.

**47 Continued application of repealed reporting provisions—events before commencement**

- (1) This section applies if—
- (a) an event occurs before the commencement; and
  - (b) a person is required under the repealed regulation to give a report or notice (a *pre-repeal report or notice*) about the event; and
  - (c) the last day for giving the report or notice is after the commencement.

*Example—*

A well is completed on 10 December 2004. Under section 126 of the repealed regulation, a well completion report must be given within 6 months after the well is completed.

- (2) The repealed regulation continues to apply in relation to giving the pre-repeal report or notice.
- (3) This regulation, or the *Petroleum and Gas (Production and Safety) Regulation 2004*, does not apply to the extent that it requires a report or notice to be given about the event.

**48 Continued application of repealed reporting provisions—events after commencement**

- (1) This section applies if—

- (a) an event happens within 6 months after the commencement; and
  - (b) a report or notice about the event is required to be given under this regulation or the *Petroleum and Gas (Production and Safety) Regulation 2004*.
- (2) If the repealed regulation, as it was immediately before the commencement, provides for a report or notice about the event to be given, a person may comply with a requirement to give a report or notice mentioned in subsection (1)(b) by giving the report or notice provided for under the repealed regulation.
  - (3) If the repealed regulation, as it was immediately before the commencement, did not provide for a report or notice about the event to be given, the chief executive may accept a partial report or notice if the chief executive is reasonably satisfied that it would be unreasonably onerous to require a report or notice complying with this regulation or the *Petroleum and Gas (Production and Safety) Regulation 2004*.
  - (4) For subsection (3), a ***partial report or notice*** is a report or notice under this regulation or the *Petroleum and Gas (Production and Safety) Regulation 2004* that does not wholly comply with the requirements under the regulation.

## Part 2                      **Transitional provision for the Mines and Energy Legislation Amendment Regulation (No. 4) 2008**

### **49          Payment of annual rent for a particular period**

- (1) This section applies to annual rent for a lease that would, under the unamended provision, be payable on the

anniversary day of the lease from 1 September 2008 to 30 August 2009.

- (2) The annual rent must be paid on the anniversary day.
- (3) The amount of the annual rent payable on the anniversary day must be worked out using the formula—

$$A = B/365 \times F$$

where—

*A* is the amount of the annual rent payable on the anniversary day.

*B* is the number of days from the anniversary day to 30 August 2009.

*F* is the annual rent calculated by reference to section 40(1).

- (4) In this section—

*anniversary day* means the anniversary of the day the lease took effect.

*unamended provision* means section 40 as in force immediately before the commencement of this section.

## **Part 3**

# **Transitional provision for the Mines and Energy Legislation Amendment Regulation (No. 2) 2010**

### **50 Confidentiality period for required information lodged before commencement**

- (1) This section applies to required information for a 1923 Act petroleum tenure if the required information is lodged before the commencement of this section.

- (2) Despite section 35(4), the confidentiality period for the required information is the confidentiality period mentioned in section 35(2) of the pre-amended regulation.
- (3) In this section—  
*pre-amended regulation* means this regulation as in force immediately before the commencement of this section.

## Part 4 Transitional provisions for Petroleum and Other Legislation Amendment Regulation (No. 1) 2011

### 51 Existing intention to drill a well or bore [P&G, s 171]

- (1) This section applies if—
  - (a) before the commencement of this section, a 1923 Act petroleum tenure holder intended to drill a well or bore; and
  - (b) the holder is required to lodge, but has not lodged, a notice under section 16 for the well or bore.
- (2) Old section 16 continues to apply to the holder for the well or bore.
- (3) In this section—  
*old section 16* means section 16 as in force immediately before the commencement of this section.

### 52 Confidentiality period for report about hydraulic fracturing activities lodged before commencement

- (1) This section applies to a report, about hydraulic fracturing activities carried out by the holder of a 1923 Act petroleum

tenure, lodged under section 76G(1)(b) of the Act before the commencement.

(2) Despite section 35(2)(i), the prescribed confidentiality period for the report starts on the commencement and ends on the day that is 5 years after the commencement.

(3) In this section—

***commencement*** means commencement of this section.

---

# Schedule 1      Requirements for plugging and abandoning wells and bores

section 37(1)

## Part 1      Preliminary

### 1      Definitions for sch 1

In this schedule—

*prescribed well or bore* means a well or bore, other than a horizontal well.

*well or bore* means a well or bore drilled under a 1923 Act petroleum tenure.

## Part 2      Requirements for all wells and bores

### 2      Abandonment to be consistent with good industry practice

A well or bore must be abandoned in accordance with good industry practice, to the extent that practice is consistent with this regulation.

### 3      Capping of well or bore

The well or bore must be capped with a metal plate inscribed with the following information—

- (a) the identifying name of the well or bore;
- (b) the total depth in metres of the well or bore;
- (c) the date the well or bore was abandoned.

#### **4 Casing to be sealed**

- (1) The casing of the well or bore must be sealed below ground level.
- (2) The stub of the casing must be buried below the surface at a depth that—
  - (a) allows for later re-entry to the well or bore; and
  - (b) will not adversely interfere with the normal activities of the owner of the land on which the well or bore is located.

### **Part 3 Additional requirements for wells and bores, other than horizontal wells**

#### **5 Isolation of aquifers and porous formations**

An aquifer or porous formation, including, for example, a coal seam, that is intersected by a prescribed well or bore must be isolated so there is no interconnection of gas or water between the aquifers or porous formations.

#### **6 Casing of prescribed well or bore**

- (1) Steel casing must be removed from any section of a prescribed well or bore that is within or immediately adjacent to a coal seam.
- (2) However, subsection (1) need not be complied with if it is not technically or commercially feasible to remove the casing.

*Example—*

production casing that has been cemented in place and can not feasibly be removed



---

**7 Cement to be used for plugs etc.**

- (1) A prescribed well or bore must have a surface plug of cement in the casing.
- (2) Also, if a prescribed well or bore has more than 1 casing string and an inner casing string does not reach the surface, the inner casing string must, if required to comply with section 5, be plugged with cement at the top of the string.
- (3) Cement used as a plug in a prescribed well or bore must be of an industry accepted grade, having regard to the salinity of the fluids in the surrounding strata.
- (4) A plug in, or adjacent to, a coal seam in a prescribed well or bore must, if reasonably practicable, be adequately secured.
- (5) The operator of the well or bore must test any cement that is used as a plug in the well or bore and ensure that it complies with the requirements under this regulation or the *Petroleum and Gas (Production and Safety) Regulation 2004*.

**8 Requirement for packer left in prescribed well or bore**

A packer in, or adjacent to, a coal seam in a prescribed well or bore that is not removed from the well or bore must, if reasonably practicable—

- (a) be made of a material that is intrinsically safe; and
- (b) be adequately secured.

**9 Fluid to be left in prescribed well or bore**

A prescribed well or bore must be left full of fluid that is of sufficient density to—

- (a) help maintain the structural integrity of the well or bore; and
- (b) prevent gas influx.

**10 Requirements if steel casing or drill string is left in coal seam**

- (1) This section applies if steel casing or drill string is left within a coal seam in a prescribed well or bore.
- (2) The well or bore must be abandoned in a way that assists future entry of the well or bore for the purpose of milling or removing steel from the coal seam.
- (3) In complying with subsection (2), the operator must ensure that each of the following is carried out before the well or bore is plugged and abandoned—
  - (a) sucker rods, pump and tubing and any other debris in the well or bore that can practicably be removed are removed;
  - (b) perforated casing is cemented to ensure all aquifers and porous formations, including for example, coal seams, are isolated as required under section 5;
  - (c) if casing remains in the well or bore, the fluid left in the well or bore as required under section 9—
    - (i) is anticorrosive; and
    - (ii) has corrosion inhibitor added to it if the fluid is or may become corrosive;
  - (d) casing strings are cut off at approximately 1.5m below ground level and all wellhead equipment is removed;
  - (e) before backfilling, a metal plate is welded fully across the top of the innermost casing string and marker tape is laid approximately 20cm above the top of the casing;
  - (f) a plaque, stating the following information, is placed on the nearest fence, building or other permanent structure—
    - (i) the identifying name of the well or bore;
    - (ii) the total depth in metres of the well or bore;
    - (iii) the date on which the well or bore was abandoned;
    - (iv) the distance and direction to the well or bore from the plaque.

## **Part 4**

# **Additional requirement for horizontal wells**

### **11 Requirement for liner**

- (1) A horizontal well must be abandoned containing a slotted liner that is not made of steel, including for example, a slotted PVC liner.
- (2) However, if the horizontal well has the potential to be a high risk area for future coal mining because of high levels of methane, the operator must conduct a risk assessment that includes an assessment of whether a Fire Resistant Anti Static (or FRAS) liner should be used in the well.

## Schedule 2 Fees

section 39(1)

### Part 1 1923 Act petroleum tenure fees

	\$
1 Application for approval to surrender of authority to prospect—Act, s 21(4)(b)(i) . . . . .	799.00
2 Application for approval to amend the work program for an authority to prospect—Act, s 25H(3) . . . . .	1 066.00
3 Application for renewal of authority to prospect—Act, s 25M(1)(i)(i) . . . . .	2 132.00
4 Application for renewal of lease—Act, s 45(2A)(d)(i) . . . . .	3 731.00
5 Application for consent to surrender and terminate lease—Act, s 52(1B)(b)(i) . . . . .	799.00
6 Proposed later work program for authority to prospect lodged within the time required under section 74K(3) of the Act—Act, s 74K(6) . . . . .	1 066.00
7 Proposed later development plan for lease lodged within the time required under section 74Q(3) of the Act—Act, s 74Q(6) . . . . .	1 066.00
8 Application for amendment of relinquishment condition—Act, s 77T(1)(g) . . . . .	1 066.00

## Part 2 Transfer fees

	\$
1 Transfer of water observation bore or water supply bore in the area of a 1923 Act petroleum tenure to the landowner—Act, s 75Q(2)(c) . . . . .	1 599.00
2 Transfer of well in the area of a 1923 Act petroleum tenure to the holder of a geothermal exploration permit or mining tenement—Act, s 75R(b) . . . . .	1 599.00
3 Transfer of water observation bore in the area of a 1923 Act petroleum tenure to the holder of another 1923 Act petroleum tenure or a 2004 Act petroleum tenure—Act, s 75S(b) . . . . .	1 599.00

## Part 3 General fees

	\$
1 Fee for required information for a 1923 Act petroleum tenure made available by the chief executive—Act, s 76D(1)(b)—	
(a) for information made available in an electronic form, other than on a tape cartridge . . . . .	144.60
(b) for information made available on a tape cartridge . . . . .	289.40
2 If a public counter is used to search and take extracts from, or obtain a copy of all or part of a notice, document or information in, the petroleum register—Act, s 80C(1)(b) and (c)—	
(a) for a standard departmental public tenure enquiry report . . . . .	42.60
(b) otherwise . . . . .	106.60
3 Registration of a dealing with a 1923 Act petroleum tenure, other than an assessable transfer—Act, s 80J(3)—	
(a) if the dealing is a change to the 1923 Act petroleum tenure holder's name . . . . .	42.15

Schedule 2

---

		\$
	(b) otherwise . . . . .	112.80
4	Application for indicative approval of an assessable transfer of a 1923 Act petroleum tenure—Act, s 80KA(2)(b)—	
	(a) if the 1923 Act petroleum tenure is an authority to prospect . . . . .	632.70
	(b) if the 1923 Act petroleum tenure is a lease . . . . .	1 107.30
	(c) otherwise . . . . .	474.60
5	Application for approval of an assessable transfer of a 1923 Act petroleum tenure—Act, s 80KB(2)(d)—	
	(a) if the Minister has given an indicative approval of the transfer . . . . .	150.00
	(b) otherwise—	
	(i) if the 1923 Act petroleum tenure is an authority to prospect . . . . .	782.70
	(ii) if the 1923 Act petroleum tenure is a lease . . . . .	1 257.30
	(iii) if the 1923 Act petroleum tenure is a water monitoring authority . . . . .	624.60
6	Registration of an associated agreement for a 1923 Act petroleum tenure—Act, s 80KG(3) . . . . .	42.15
7	Lodging caveat in relation to a 1923 Act petroleum tenure—Act, s 80KI(1)(h) . . . . .	112.80

---

## Schedule 3 Requirements for petroleum register

### section 43

#### 1 All 1923 Act petroleum tenures

The petroleum register must contain each of the following for a 1923 Act petroleum tenure—

- (a) the tenure type and number;
- (b) the full name of the holder of the tenure, including, if there is more than 1 holder, the share held by each holder;
- (c) the postal address of—
  - (i) the holder; or
  - (ii) if the holder has nominated another person as the holder's address for service for the Act—the nominated person;

*Editor's note—*

See also section 129 (Name and address for service) of the Act.

- (d) the following days—
  - (i) the day the holder applied for the tenure;
  - (ii) the day the tenure was granted;
  - (iii) the day the tenure took effect;
  - (iv) the last day of the current term of the tenure;
  - (v) if the tenure is renewable—the earliest day on which an application to renew the tenure may be made;
- (e) a general description of the location of the area of the tenure;

- (f) any permitted dealings for the tenure—
  - (i) for which the Minister has given an indication under section 80H of the Act; or
  - (ii) that are approved by the Minister.

## **2 Additional matters for an authority to prospect**

The petroleum register must also contain each of the following additional matters for an authority to prospect—

- (a) a list of the sub-blocks of the authority when it was granted;
- (b) the number of sub-blocks of the authority immediately after the most recent relinquishment of any part of the area of the authority;
- (c) the number of original notional sub-blocks of the authority;
- (d) the relinquishment days for the authority;
- (e) the day on which any relinquishment notice is lodged by the holder and the number of blocks and sub-blocks relinquished;
- (f) a summary of the work program, including any dates provided for in the program on which activities to be carried out under the authority are to be completed;
- (g) the day the work program expires;
- (h) if a well is drilled under the authority—the identifying name of the well;
- (i) if a seismic survey or scientific or technical survey is carried out under the authority—the identifying name or code for the survey;
- (j) any conditions or provisions of the authority, other than the mandatory conditions for authorities to prospect.



---

**3 Additional matters for a lease**

The petroleum register must also contain each of the following additional matters for a lease—

- (a) a list of the sub-blocks, or a description of the area, and the total area (km<sup>2</sup>) of the lease when it was granted;
- (b) the number of sub-blocks, or a description of the area, and the total area (km<sup>2</sup>) of the lease immediately after the most recent relinquishment of any part of the area of the lease;
- (c) if the lease is subject to a relinquishment condition—the relinquishment days;
- (d) the day on which any relinquishment notice is lodged by the holder and the number of sub-blocks relinquished;
- (e) the day the development plan expires;
- (f) for coordination arrangement made by the holder and approved by the Minister—
  - (i) the day the arrangement was approved; and
  - (ii) the number of the lease, 2004 Act lease or mining lease to which the arrangement relates;
- (g) if a coordination arrangement mentioned in paragraph (f) is cancelled by, or with the approval of, the Minister—the day the arrangement is cancelled;
- (h) if a well is drilled under the lease—the identifying name of the well;
- (i) if a seismic survey or scientific or technical survey is carried out under the lease—the identifying name or code for the survey;
- (j) any conditions or provisions of the lease, other than the mandatory conditions for leases.

## Schedule 4 Dictionary

### section 3

**6 month period**, for chapter 2, part 1, division 2, subdivision 5, see section 26.

**appraisal well** means a well that is drilled to test the potential of 1 or more natural underground reservoirs for producing petroleum.

**associated water** means water necessarily taken as part of petroleum production under a 1923 Act petroleum tenure.

**bore** means a water observation bore or a water supply bore.

**commencement**, for chapter 4, see section 44.

**completion day**, for a survey, means—

- (a) if the survey involves reprocessing of raw data recorded or recovered for a previous survey—the day on which reprocessing of the data is completed; or
- (b) otherwise—the last day on which raw data is recorded or recovered for the survey.

**condensate** means liquid formed as a result of condensation caused by reduced pressure and temperature of hydrocarbons in a gaseous state in a natural underground reservoir.

**development well** means a well that is drilled to produce petroleum.

**directional well** means a part of a well that is intentionally not drilled vertically.

**exploration well** means a well that is drilled to—

- (a) explore for the presence of petroleum; or
- (b) obtain stratigraphic information for the purpose of exploring for petroleum.

**general area information**, for chapter 2, part 1, division 1, see section 5.

**geological summary**, of an area, means a summary of—

- (a) the major structural and stratigraphic features of the area; and

*Examples—*

- the history of the accumulation and structuring of stratigraphic units
- the timing of structural and metamorphic events

- (b) the geophysical features of the area.

*Examples—*

the gravitational and magnetic potential fields

**hazard** means a thing or situation with potential to cause harm to any of the following—

- (a) a person, including, for example, financial losses or increased liabilities;
- (b) property;
- (c) the environment.

**hazard information**, for chapter 2, part 1, division 1, see section 5.

**horizontal well** means a well, any part of which travels in a generally horizontal direction along a coal seam.

**hydraulic fracturing activities** means a form of stimulation that involves specially engineered fluids being pumped at a high pressure and rate into a reservoir for the purpose of opening fractures.

**hydraulic fracturing activities completion report** see section 30A(2).

**hydraulic fracturing fluid** means a fluid that—

- (a) is a mixture of water, liquid chemicals and other additives, including, for example, proppants; and
- (b) is commonly known as slurry.

**hydraulic fracturing fluid statement** see section 30A(4).

***identifying name***—

- (a) for a bore, means a number by which the bore is identified in the Groundwater Database System operated by the chief executive of the department responsible for administering the *Water Act 2000*; or
- (b) for a well, means the unique identifying name for the well recorded in the petroleum register.

***lead*** means a potential prospect that is, in the reasonable opinion of a 1923 Act petroleum tenure holder, indicated by the available seismic or other data.

***operator***—

- (a) generally—has the meaning given under the 2004 Act; or
- (b) of a drilling project, means the corporation or other entity that is the decision-maker and has responsibility for the overall management for the project.

***other underground water*** means water taken for use in carrying out authorised activities under a 1923 Act petroleum tenure.

***petroleum product*** means any of the following—

- (a) coal seam gas;
- (b) condensate;
- (c) crude oil;
- (d) LPG;
- (e) processed natural gas.

***prescribed area***, for a 1923 Act petroleum tenure, means an area within the tenure—

- (a) where hydraulic fracturing activities for a well are to be or have been conducted; and
- (b) that may be affected, or was affected, by the hydraulic fracturing activities associated with the well.

***production testing*** means testing for petroleum production from a well within the area of the 1923 Act petroleum tenure.

---

**proppant** means well-sorted and consistently-sized sand or manufactured materials that are mixed into a hydraulic fracturing fluid to hold the fracture faces apart after the fluid used for hydraulic fracturing activities has been pumped under pressure into the well and the pressure has been released.

**prospect** means a geological structure, such as an anticline—

- (a) that, in the reasonable opinion of a 1923 Act petroleum tenure holder based on a seismic survey or other data, is likely to contain a quantity of petroleum suitable for commercial production; and
- (b) from which petroleum has not yet been commercially produced.

**proved and probable reserves**, of petroleum or a petroleum product, has the meaning given under the SPE code.

**repealed regulation**, for chapter 4, see section 44.

**rig release day**, for a well, means the day the drilling rig last used to drill the well is moved so it is no longer above the well, if the 1923 Act petroleum tenure holder intends no further drilling of the well to occur.

**scientific or technical survey** means a geophysical, geochemical or geotechnical survey or another survey for a similar purpose, other than a seismic survey.

**seismic survey** means a survey carried out to determine the subsurface features by transmitting soundwaves into the ground and measuring the time they take to return to the surface.

**shot hole** means a hole that has been drilled for the purpose of firing an explosive in connection with carrying out a seismic survey.

**SPE code** means the document called ‘Petroleum Resources Management System’ published in 2007 by the Society of Petroleum Engineers.

**standard departmental public tenure enquiry report** means an extract from the petroleum register of particular information about a 1923 Act petroleum tenure including, for

example, details of the tenure holder and a description of the area of the tenure in blocks and sub-blocks.

**status**, of a well or bore, means any of the following that describes the well or bore—

- (a) for a well that is producing petroleum or a water supply bore that is in use—producing;
- (b) for a well that has temporarily stopped producing petroleum—shut in;
- (c) for a well that is capable of producing petroleum but the productive interval in the well has not been completed for production—cased and suspended;
- (d) for a water observation bore that has not been plugged and abandoned—in use;
- (e) for a well or bore that has been plugged and abandoned—plugged and abandoned;
- (f) for a well that has been converted to a water observation bore—converted to a water observation bore;
- (g) for a well that has been converted to a water supply bore—converted to a water supply bore;
- (h) for a well that has been converted to a Water Act bore—converted to a Water Act bore.

**stimulation** means a technique used to increase the permeability of a natural underground reservoir, including, for example, hydraulic fracturing, cavitations, fracture acidising, and the use of proppant treatments.

**tenure information**, for chapter 2, part 1, division 1, see section 5.

**well completion report** means a well completion report required under section 22 to be lodged for a well.

**well or bore abandonment report** means a well or bore abandonment report required under section 23 to be lodged for a well or bore.

# Endnotes

## 1 Index to endnotes

	Page
2 Date to which amendments incorporated . . . . .	69
3 Key . . . . .	69
4 Table of reprints . . . . .	70
5 List of legislation . . . . .	70
6 List of annotations . . . . .	73

## 2 Date to which amendments incorporated

This is the reprint date mentioned in the Reprints Act 1992, section 5(c). Accordingly, this reprint includes all amendments that commenced operation on or before 31 March 2013. Future amendments of the Petroleum Regulation 2004 may be made in accordance with this reprint under the Reprints Act 1992, section 49.

## 3 Key

### Key to abbreviations in list of legislation and annotations

Key	Explanation	Key	Explanation
AIA	= Acts Interpretation Act 1954	(prev)	= previously
amd	= amended	proc	= proclamation
amdt	= amendment	prov	= provision
ch	= chapter	pt	= part
def	= definition	pubd	= published
div	= division	R[X]	= Reprint No. [X]
exp	= expires/expired	RA	= Reprints Act 1992
gaz	= gazette	reloc	= relocated
hdg	= heading	renum	= renumbered
ins	= inserted	rep	= repealed
lap	= lapsed	(retro)	= retrospectively
notfd	= notified	rv	= revised version
num	= numbered	s	= section
o in c	= order in council	sch	= schedule
om	= omitted	sdiv	= subdivision
orig	= original	SIA	= Statutory Instruments Act 1992
p	= page	SIR	= Statutory Instruments Regulation 2002
para	= paragraph	SL	= subordinate legislation
prec	= preceding	sub	= substituted
pres	= present	unnum	= unnumbered
prev	= previous		

## 4 Table of reprints

A new reprint of the legislation is prepared by the Office of the Queensland Parliamentary Counsel each time a change to the legislation takes effect.

The notes column for this reprint gives details of any discretionary editorial powers under the *Reprints Act 1992* used by the Office of the Queensland Parliamentary Counsel in preparing it. Section 5(c) and (d) of the Act are not mentioned as they contain mandatory requirements that all amendments be included and all necessary consequential amendments be incorporated, whether of punctuation, numbering or another kind. Further details of the use of any discretionary editorial power noted in the table can be obtained by contacting the Office of the Queensland Parliamentary Counsel by telephone on 3237 0466 or email [legislation.queries@oqpc.qld.gov.au](mailto:legislation.queries@oqpc.qld.gov.au).

From 29 January 2013, all Queensland reprints are dated and authorised by the Parliamentary Counsel. The previous numbering system and distinctions between printed and electronic reprints is not continued with the relevant details for historical reprints included in this table.

Reprint No.	Amendments included	Effective	Notes
1	none	31 December 2004	
1A	2005 SL No. 103	1 July 2005	
1B	2005 SL No. 263	1 January 2006	
1C	2006 SL No. 110	1 July 2006	
1D	2006 SL No. 293	1 January 2007	
1E	2007 SL No. 132	1 July 2007	
1F	2007 SL No. 273	1 January 2008	R1F withdrawn, see R2
2	—	1 January 2008	
2A	2008 SL No. 59	17 March 2008	
2B	2008 SL No. 192	1 July 2008	
2C	2008 SL No. 263	1 September 2008	
2D	2008 SL No. 366	1 January 2009	R2D withdrawn, see R3
3	—	1 January 2009	
3A	2009 SL No. 73	1 July 2009	
3B	2009 SL No. 73	1 September 2009	
3C	2009 SL No. 186	4 September 2009	
3D	2010 SL No. 142	25 June 2010	
3E	2010 SL No. 116	1 July 2010	
3F	2010 SL No. 116	1 September 2010	
3G	2010 SL No. 259	1 October 2010	R3G withdrawn, see R4
4	—	1 October 2010	
4A	2011 SL No. 35	8 April 2011	
4B	2011 SL No. 94	1 July 2011	
4C	2011 SL No. 94	1 September 2011	
4D	2012 SL No. 105	23 July 2012	
4E	2012 SL No. 105	1 September 2012	
4F	2012 SL No. 226	7 December 2012	

Current as at  
31 March 2013

Amendments included  
2013 SL No. 37

Notes



---

## 5 List of legislation

### *Regulatory impact statements*

For subordinate legislation that has a regulatory impact statement, specific reference to the statement is included in this list.

### *Explanatory notes*

All subordinate legislation made on or after 1 January 2011 has an explanatory note. For subordinate legislation made before 1 January 2011 that has an explanatory note, specific reference to the note is included in this list.

### **Petroleum Regulation 2004 SL No. 310**

made by the Governor in Council on 16 December 2004

notfd gaz 17 December 2004 pp 1277–85

ss 1–2 commenced on date of notification

remaining provisions commenced 31 December 2004 (see s 2)

exp 1 September 2015 (see SIA s 54)

Notes—(1) The expiry date may have changed since this reprint was published. See the latest reprint of the SIR for any change.

(2) A regulatory impact statement and explanatory note were prepared.

amending legislation—

### **Natural Resources and Mines Legislation Amendment Regulation (No. 1) 2005 SL No. 103 pts 1, 14**

notfd gaz 3 June 2005 pp 415–19

ss 1–2 commenced on date of notification

remaining provisions commenced 1 July 2005 (see s 2)

### **Natural Resources and Mines Legislation Amendment Regulation (No. 2) 2005 SL No. 263 pts 1, 4**

notfd gaz 4 November 2005 pp 869–70

ss 1–2 commenced on date of notification

remaining provisions commenced 1 January 2006 (see s 2)

### **Natural Resources Legislation Amendment Regulation (No. 1) 2006 SL No. 110 pts 1, 15**

notfd gaz 2 June 2006 pp 572–6

ss 1–2 commenced on date of notification

remaining provisions commenced 1 July 2006 (see s 2)

### **Mines and Energy Legislation Amendment Regulation (No. 1) 2006 SL No. 293 pts 1, 5**

notfd gaz 1 December 2006 pp 1587–90

ss 1–2 commenced on date of notification

remaining provisions commenced 1 January 2007 (see s 2)

### **Mines and Energy Legislation Amendment Regulation (No. 1) 2007 SL No. 132 pts 1, 8**

notfd gaz 22 June 2007 pp 1018–20

ss 1–2 commenced on date of notification

remaining provisions commenced 1 July 2007 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 2) 2007 SL No. 273 pts 1, 5**

notfd gaz 9 November 2007 pp 1355–7  
ss 1–2 commenced on date of notification  
remaining provisions commenced 1 January 2008 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 1) 2008 SL No. 59 pts 1, 5**

notfd gaz 14 March 2008 pp 1469–72  
ss 1–2 commenced on date of notification  
remaining provisions commenced 17 March 2008 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 3) 2008 SL No. 192 pts 1, 10**

notfd gaz 27 June 2008 pp 1268–78  
ss 1–2 commenced on date of notification  
remaining provisions commenced 1 July 2008 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 4) 2008 SL No. 263 pts 1, 3**

notfd gaz 22 August 2008 pp 2561–6  
ss 1–2 commenced on date of notification  
remaining provisions commenced 1 September 2008 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 5) 2008 SL No. 366 pts 1, 5**

notfd gaz 7 November 2008 pp 1319–21  
ss 1–2 commenced on date of notification  
remaining provisions commenced 1 January 2009 (see s 2)

**Mines and Energy Legislation Amendment Regulation (No. 1) 2009 SL No. 73 pts 1, 11**

notfd gaz 5 June 2009 pp 486–8  
ss 1–2 commenced on date of notification  
s 35 commenced 1 September 2009 (see s 2(2))  
remaining provisions commenced 1 July 2009 (see s 2(1))

**Mines and Energy Legislation Amendment Regulation (No. 2) 2009 SL No. 186 s 1, pt 4**

notfd gaz 4 September 2009 pp 77–8  
commenced on date of notification

**Mines and Energy Legislation Amendment Regulation (No. 1) 2010 SL No. 116 ss 1–2, ch 2 pt 10, ch 3 pt 4**

notfd gaz 18 June 2010 pp 529–35  
ss 1–2 commenced on date of notification  
ch 2 pt 10 commenced 1 July 2010 (see s 2(1))  
remaining provisions commenced 1 September 2010 (see s 2(2))

**Mines and Energy Legislation Amendment Regulation (No. 2) 2010 SL No. 142 s 1, pt 3**

notfd gaz 25 June 2010 pp 823–30  
commenced on date of notification

**Mines and Energy Legislation Amendment Regulation (No. 3) 2010 SL No. 259 pts 1, 3**

notfd gaz 24 September 2010 pp 209–10  
 ss 1–2 commenced on date of notification  
 remaining provisions commenced 1 October 2010 (see s 2)

**Petroleum and Other Legislation Amendment Regulation (No. 1) 2011 SL No. 35 pts 1–2**

notfd gaz 8 April 2011 pp 588–9  
 commenced on date of notification

**Mines Legislation Amendment Regulation (No. 1) 2011 SL No. 94 pts 1, 10**

notfd gaz 17 June 2011 pp 430–4  
 ss 1–2 commenced on date of notification  
 s 27 commenced 1 September 2011 (see s 2(2))  
 remaining provisions commenced 1 July 2011 (see s 2(1))

**Natural Resources and Mines Legislation Amendment Regulation (No. 1) 2012 SL No. 105 ss 1, 2(1)(e), (3), pt 16**

notfd gaz 20 July 2012 pp 863–7  
 ss 1–2 commenced on date of notification  
 ss 38, 40 commenced 23 July 2012 (see s 2(1)(e))  
 remaining provisions commenced 1 September 2012 (see s 2(3))

**Natural Resources and Mines Legislation Amendment Regulation (No. 2) 2012 SL No. 226 pts 1, 5**

notfd gaz 7 December 2012 pp 480–2  
 ss 1–2 commenced on date of notification  
 remaining provisions commenced 7 December 2012 (see s 2)

**Natural Resources and Mines Legislation Amendment Regulation (No. 1) 2013 SL No. 37 ss 1, 2(6), pt 6**

notfd gaz 28 March 2013 pp 450–1  
 ss 1–2 commenced on date of notification  
 remaining provisions commenced 31 March 2013 immediately after the commencement of the Mines Legislation (Streamlining) Amendment Act 2012, s 256 (see s 2(6))

## 6 List of annotations

### CHAPTER 2—EXPLORING FOR AND PRODUCING PETROLEUM

#### PART 1—REPORTING

##### Division 1—Content of reports and notices required under the Act

###### Definitions for div 1 [P&G, s 12]

s 5 amd 2009 SL No. 186 s 25

###### Relinquishment report for an authority to prospect [P&G, s 20]

s 9 amd 2012 SL No. 226 s 15

**Relinquishment report for a lease [P&G, s 21]**

s 10 amd 2012 SL No. 226 s 16

**End of tenure report [P&G, s 22]**

s 11 amd 2012 SL No. 226 s 17

**Annual report for an authority to prospect [P&G, s 23]**

s 12 om 2008 SL No. 59 s 22

**Annual report for a lease [P&G, s 24]**

s 13 om 2008 SL No. 59 s 22

**Subdivision 6—Surrenders**

**sdiv hdg** prev sdiv 6 hdg om 2008 SL No. 59 s 22

pres sdiv 6 hdg (prev sdiv 7 hdg) renum 2008 SL No. 59 s 23

**Surrender report for an authority to prospect [P&G, s 28]**

s 14 amd 2012 SL No. 226 s 18

**Owners and occupiers to be given copy of notices required to be lodged under this subdivision [P&G, s 30A]**

s 15A ins 2011 SL No. 35 s 3

**Notice of intention to drill a well or bore [P&G, s 31]**

s 16 amd 2010 SL No. 142 s 10; 2011 SL No. 35 s 4

**Notice of completion, alteration or abandonment of well or bore [P&G, s 32]**

s 17 amd 2010 SL No. 142 s 11

**Notice of intention to carry out hydraulic fracturing activities [P&G, s 35]**

s 20 prev s 20 om 2010 SL No. 142 s 12

pres s 20 ins 2011 SL No. 35 s 5

**Notice of completion of hydraulic fracturing activities [P&G, s 35A]**

s 20A ins 2011 SL No. 35 s 5

**Well completion report [P&G, s 37]**

s 22 amd 2010 SL No. 142 s 13

**Subdivision 6—Hydraulic fracturing activities completion report**

**sdiv hdg** ins 2011 SL No. 35 s 6

**Hydraulic fracturing activities completion report [P&G, s 46A]**

s 30A ins 2011 SL No. 35 s 6

**Samples required to be kept [P&G, s 47]**

s 31 amd 2008 SL No. 59 s 21

**Confidentiality of required information for 1923 Act petroleum tenure holders [P&G, s 51]**

s 35 amd 2010 SL No. 142 s 14; 2011 SL No. 35 s 7

**Annual rent [P&G, s 145]**

**s 40** amd 2005 SL No. 263 s 13; 2006 SL No. 293 s 12; 2007 SL No. 273 s 11; 2008 SL No. 263 s 7; 2008 SL No. 366 s 11; 2009 SL No. 73 s 35; 2010 SL No. 116 ss 47, 56; 2011 SL No. 94 s 26; 2012 SL No. 105 s 39

**Prescribed way for making applications, giving or lodging documents or making submissions**

**s 43A** ins 2012 SL No. 226 s 19

**CHAPTER 4—REPEAL AND TRANSITIONAL PROVISIONS**

**ch hdg** sub 2008 SL No. 263 s 8

**PART 1—REPEAL OF PETROLEUM REGULATION 1966 AND TRANSITIONAL PROVISIONS**

**pt hdg** ins 2008 SL No. 263 s 9

**Definitions for pt 1**

**prov hdg** amd 2008 SL No. 263 s 10(1)

**s 44** amd 2008 SL No. 263 s 10(2)

**PART 2—TRANSITIONAL PROVISION FOR THE MINES AND ENERGY LEGISLATION AMENDMENT REGULATION (No. 4) 2008**

**pt 2 (s 49)** ins 2008 SL No. 263 s 11

**PART 3—TRANSITIONAL PROVISION FOR THE MINES AND ENERGY LEGISLATION AMENDMENT REGULATION (No. 2) 2010**

**pt 3 (s 50)** ins 2010 SL No. 142 s 15

**PART 4—TRANSITIONAL PROVISION FOR PETROLEUM AND OTHER LEGISLATION AMENDMENT REGULATION (No. 1) 2011**

**pt 4 (ss 51–52)** ins 2010 SL No. 35 s 8

**SCHEDULE 2—FEES**

amd 2005 SL No. 103 s 2

sub 2006 SL No. 110 s 30; 2007 SL No. 132 s 16

amd 2008 SL No. 50 s 24

sub 2008 SL No. 192 s 22; 2009 SL No. 73 s 36; 2010 SL No. 259 s 6; 2011 SL No. 94 s 27; 2012 SL No. 105 s 40

amd 2012 SL No. 226 s 20; 2013 SL No. 37 s 46

**SCHEDULE 4—DICTIONARY**

def “**hydraulic fracturing activities**” amd 2011 SL No. 35 s 9

def “**hydraulic fracturing activities completion report**” amd 2011 SL No. 35 s 9(2)

def “**hydraulic fracturing fluid**” amd 2011 SL No. 35 s 9(2)

def “**hydraulic fracturing fluid statement**” amd 2011 SL No. 35 s 9(2)

def “**operator**” sub 2011 SL No. 35 s 9

def “**prescribed area**” amd 2011 SL No. 35 s 9(2)

def “**proppant**” amd 2011 SL No. 35 s 9(2)

def “**reporting period**” om 2009 SL No. 186 s 26

def “**SPE code**” amd 2008 SL No. 59 s 25

def **“standard departmental public tenure enquiry report”** ins 2011 SL  
No. 94 s 28

© State of Queensland 2013  
Authorised by the Parliamentary Counsel