



## **Work program guideline (ATP)**

*Petroleum Act 1923 and Petroleum and Gas (Production and Safety)  
Act 2004*



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## About this guideline

This guideline provides information about preparing and lodging a proposed initial work program. It provides guidance on what information must accompany an application for an authority to prospect (ATP) lodged in response to a call for tenders (ATP tender application) under the *Petroleum and Gas (Production and Safety) Act 2004* (P&G Act).

It also provides information about preparing and lodging a proposed later work program, for a granted ATP administered under the *Petroleum Act 1923* (1923 Act) or the P&G Act.

## General information

### Lodgement

Every ATP tender application must be accompanied by a proposed initial work program.

An ATP tender application is to be lodged electronically by uploading the documents to [QTenders](#) before the tender closing time. Details about lodgement and the documents to be lodged are contained within the tender document.

There are no initial work programs for an ATP administered under the 1923 Act.

A proposed later work program, for an ATP administered under the 1923 Act and the P&G Act, must be lodged:

- at least 40, but no more than 100, business days before the end of the program period for the current work program for the ATP; or
- with an application to renew an ATP.

### Types of work programs

An approved work program is a condition of an ATP, may be activities-based or outcomes-based (as specified in a call for tender for the initial work program), and is for the work program period. The period of an initial work program is the same as is required under the relevant call for tenders, and for a later work program is a maximum of six years.<sup>1</sup> The relinquishment point is at the end of year six.

An **activities-based work program** is a document that must detail:

- the activities proposed to be carried out during the period of the program; and
- the estimated human, technical and financial resources proposed to be committed to exploration during the period of the program.

An **outcomes-based work program** is a document that must detail:

- the outcomes proposed to be pursued during the work program period; and
- the strategy for pursuing these outcomes; and
- the information and data proposed to be collected about the existence of petroleum or gas during the work program period; and

<sup>1</sup> *Petroleum and Gas (Production and Safety) Act 2004*, s 52.

- the estimated human, technical and financial resources proposed to be committed to exploration during the work program period.

The proposed outcomes should, in pursuit of determining the resource potential of the area, be based on a credible exploration model. The exploration strategy should justify the rationale for the approach and detail the information and data to be provided during the work program period in support of the proposed outcomes.

### Work program approval

Section 49 of the P&G Act, provides the work program criteria to be considered in deciding whether to approve a proposed initial work program. The decision-maker must have regard to:

- the potential of the proposed area of the ATP for petroleum discovery;
- the extent and nature of the proposed petroleum exploration, for example:
  - proposed geological, geophysical or geochemical surveying;
  - the number of petroleum wells the tenderer proposes to drill, and their type; and
- when and where the tenderer proposes to carry out the exploration.

In addition, there may be other requirements specified in the tender document that need to be met.

The matters that must be considered in deciding whether to approve a proposed later work program are provided under section 57(2) of the P&G Act and include:

- the work program criteria, capability criteria and any special criteria that applied for deciding the ATP; and
- the extent to which the current work program has been complied with; and
- any amendments made to the ATP or its current work program, and the reasons for the changes; and
- any commercial viability report or independent viability assessment for the ATP.

### Work program compliance

The work program for an ATP is conditioned for the term for which the ATP is granted. There is no ability to change the type of work program (i.e. activities-based or outcomes-based) once approved for the work program period. Performance with the approved work program for the ATP will be monitored on an ongoing basis for the program period.

### Principle objectives

The principal objectives of a work program are to:

- allow decisions to be made when assessing competing ATP tender applications;
- provide an understanding of the nature and extent of the proposed minimum authorised activities to be conducted on an ATP by its holder;
- allow an assessment of the proposed authorised activities and whether these activities are appropriate for the geology of the ATP area; and
- identify, at the time of renewal, if the current approved work program has been complied with and if the exploration potential of the ATP area has been met, and

whether or not an ATP should be renewed based on proposed exploration activities in the proposed later work program.

## Initial work program period

The first program period (initial work program period), is outlined in the call for tender. For more information, refer to ATP tender application information on the 'Business Queensland' [website](#). Generally, an activities-based work program will need to be lodged for a new ATP granted through a tender process, unless otherwise stated in the tender document.

## Later work program period

The program period for a proposed later program of work is for a maximum of six years, unless the Minister approves a period for longer period under section 52(2)(ii).

## Scope of work programs

### Initial work program

A proposed initial work program will likely be assessed against other proposed initial work programs that accompanied other ATP tender applications made for the same area. It is critical that any criteria (including matters associated with the initial work program criteria) set out in the tender document, are addressed.

Because of this comparison assessment, compliance with any approved initial work program, from the successful tenderer, is expected and the type of work program cannot be changed. This will maintain the integrity of the tender process and any selection of a preferred tenderer.

### Later work program

A proposed later work program provides an ATP holder the opportunity to further refine the exploration proposed for the ATP. This will be based on findings from exploration, testing and evaluation carried out in the initial work program period. Proposed exploration should be proportionate to the area of the ATP. If the proposed exploration is not proportional to the area, justification should be included.

Approval of a later work program requires the ATP to be compliant or substantially compliant with the previously approved work program.

When submitting a proposed later work program with an ATP renewal application, compliance or substantial compliance with the current approved work program for the ATP must be addressed.

If the proposed later work program includes a proposal for work that was not done in the initial work program the work program will only be considered if that work is in addition to the work considered appropriate for the whole proposed later work program period.

The approved work program is a key mandatory condition of an ATP. When deciding an ATP, later work program or renewal application, the decision-maker must be satisfied that the ATP holder has substantially complied with the previous approved work program. If, at renewal, the decision-maker is not satisfied that the current approved work program

condition has been substantially complied with, the decision-maker cannot approve the ATP renewal application.

## Initial work program requirements

Guides for the preparation of proposed initial work programs are set out in Table 1, below.

**Table 1 - Guide to content of proposed initial work program under the P&G Act**

<b>Legislative requirement – relevant to proposed initial work program</b>	<b>Information to be provided</b>
<b>Section 47(1)</b> - the proposed program must state its period.	Ensure that the proposed initial work program states the period the program covers (program period).
<b>Section 47(2)</b> – the period must be the same as that stated under the call for tenders	The program period must be the same as the required program period detailed in the relevant call for tenders.
<b>Section 48(1)</b> – the proposed work program must be of the type specified in section 35(2)(e)	Ensure that the proposed work program accompanying the tender is either an activities-based work program or an outcomes-based work program as specified in the call for tenders.
<b>Section 48(2)(a)</b> – maps that show where the exploration under the proposed ATP is proposed to be carried out	<ul style="list-style-type: none"> <li>• Maps that show where all authorised activities are proposed to be carried out on the ATP for the program period.</li> <li>• The maps must include known well locations, pipelines and other infrastructure, and access roads, as well as the locations of proposed wells and surveys.</li> <li>• For an activities-based work program, each map can show the location of proposed activities for the proposed work program.</li> </ul>
<b>Section 48(2)(b)</b> – reasons why the holder of the proposed ATP considers the program to be appropriate	A statement outlining reasons as to why the proposed initial work program is considered appropriate. For example, one of the reasons may address why the proposed field activity is appropriate, taking into account the perceived prospectivity of the ATP area, or the results of previous exploration carried out in the area by other explorers.
<b>Section 48(2)(c)</b> – any other information relevant to the work program criteria	<ul style="list-style-type: none"> <li>• Address the work program criteria for deciding whether to approve a proposed initial work program (section 49).</li> <li>• Include a statement explaining why the extent and nature of the proposed initial work program adequately tests the potential for petroleum discovery.</li> <li>• The statement should refer to: <ul style="list-style-type: none"> <li>– the exploration <a href="#">rationale</a> and a number of other factors including: <ul style="list-style-type: none"> <li>— the period of the proposed initial work program;</li> <li>— size of the area;</li> <li>— perceived prospectivity of the area (determined by considering the geology of the area and comparing exploration activities and work programs for ATPs</li> </ul> </li> </ul> </li> </ul>

	<p>with similar geological targets);</p> <ul style="list-style-type: none"> <li>– Exploration maturity of the area (amount of previous petroleum exploration and development activities carried out in the area).</li> <li>– The extent and nature of the proposed activities should be developed for effectively determining the resource potential of the area and progressing the resource status of the area. The proposed initial work program should be consistent with the geological model and rationale developed.</li> <li>– A map in the rationale that shows the geological aspects of the ATP area with an outline of the ATP area. For example, include maps and plans showing the extent of the stratigraphic units included in the geological model.</li> </ul> <ul style="list-style-type: none"> <li>• Proposed work and estimated cost (each proposed discipline/activity must be costed based on current market rates).             <ul style="list-style-type: none"> <li>– Nominated activities during any given year of the work program period may include, but are not limited to:                 <ul style="list-style-type: none"> <li>▪ Data review (geological reviews and assessments – review of available data, including any on-ground scoping and site identification and preparatory mapping)</li> <li>▪ Target selection</li> <li>▪ Technical and geophysical surveys including their type (2D seismic, 3D seismic, airborne geophysical, geochemical) and maps showing the proposed extent of operations</li> <li>▪ Seismic data reprocessing</li> <li>▪ Drilling of delineated targets – wells (drilled on a dry hole basis) or water bores</li> <li>▪ The drilling method, estimated depth and stratigraphic targets</li> <li>▪ Any production testing proposed as a result of petroleum discoveries made</li> <li>▪ Any monitoring activities, especially the location of water observation bores.</li> </ul> </li> </ul> </li> <li>• Research of existing data and desk-top studies are given a lower priority and are considered a ‘minor’ part of a work program. The work proposed is expected to include a significant ‘on-ground’ direct data collection component. Emphasis should be on substantial exploration activities</li> </ul>
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	<p>that will significantly advance the petroleum resource knowledge of the area.</p> <ul style="list-style-type: none"> <li>• Drilling is expected to be included as part of a proposed initial work program. Detailed descriptions of each drilling activity is to include: <ul style="list-style-type: none"> <li>– Type</li> <li>– Metres</li> <li>– Number of holes</li> <li>– Stratigraphic targets.</li> </ul> </li> </ul>
<p><b>Section 48(2)(d)</b> – any other information prescribed by regulation.</p>	<ul style="list-style-type: none"> <li>• At the time of approving this guideline, section 8 of the Petroleum and Gas (General Provisions) Regulation 2017 prescribed other matters that must be contained in a proposed initial work program. These are detailed in the next two rows of this table.</li> <li>• Refer to the Office of the Queensland Parliamentary Counsel website (<a href="https://www.legislation.qld.gov.au">https://www.legislation.qld.gov.au</a>) for the latest version of the Petroleum and Gas (General Provisions) Regulation 2017 for confirmation.</li> </ul>
<p><b>Section 8(a)</b> of the Petroleum and Gas (General Provisions) Regulation 2017 - a description of the geological model for the area of the authority to prospect; and <b>Section 8(b)</b> of the Petroleum and Gas (General Provisions) Regulation 2017 - an assessment of the potential for petroleum discovery in the area;</p>	<ul style="list-style-type: none"> <li>• A geological model should provide details about: <ul style="list-style-type: none"> <li>— the research carried out,</li> <li>— what interpretation was made based on the data collected and the geological model derived from this interpretation,</li> <li>— what high-priority areas are to be explored during the ATP term (include where possible, the methodology, preferred techniques, definitive parameters to be used).</li> </ul> </li> <li>• An assessment of the petroleum discovery in the area includes: <ul style="list-style-type: none"> <li>— a summary of the covering research,</li> <li>— a summary of the previous work undertaken and the geological model developed to support the proposed initial work program,</li> <li>— a rationale of how the proposed initial work program will then advance the geological model.</li> </ul> </li> <li>• Where little or no research is currently available: <ul style="list-style-type: none"> <li>— a statement to the effect that there is no known research to reference,</li> <li>— explanation of the reasons for having chosen a particular geological model,</li> <li>— Provide sufficient justification as to why this model is appropriate.</li> </ul> </li> </ul>
<p><b>Section 8(c)</b> of the Petroleum and Gas (General Provisions) Regulation 2017: the rationale, in relation to the geological model for the area, for the activities proposed</p>	<ul style="list-style-type: none"> <li>• The rationale should provide details of the interpretations made and models developed which the person lodging the</li> </ul>

<p>to be carried out under the authority to prospect.</p>	<p>proposed initial work program proposes to test during the program period.</p> <ul style="list-style-type: none"> <li>• Include (where practicable or necessary) the regional geological settings, such as basin models, that specifically address the geological aspects of the area.</li> <li>• Results of the authorised activities earlier in the program period can affect the work in subsequent years. For this reason, when assessing ATP applications made in response to a call for tenders, the proposed initial work program activities earlier in the program period will carry more weight.</li> <li>• The exploration rationale should primarily focus on the early stages of the proposed initial work program.</li> <li>• Activities proposed following the earlier period will still be assessed and considered for inclusion in the approved work program.</li> </ul>
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## Later work program requirements

Guides for the preparation of a proposed later work program are set out in Table 2, below.

**Table 2 – Guide to content of proposed later work program under the 1923 Act or P&G Act**

<p><b>For a 1923 Act ATP</b> <b>Section 25A of the 1923 Act</b></p>	
<p><b>Legislative requirement – relevant to proposed later work program</b></p>	<p><b>Information to be provided</b></p>
<p><b>Section 25A(1)(a)</b> - an overview of the activities proposed to be carried out under the authority or proposed authority during all of its term</p>	<ul style="list-style-type: none"> <li>• A written summary covering all proposed activities for the term of the ATP. Detail the proposed timing of key activities and the general location where the activities will take place.</li> <li>• A typical overview will detail:                             <ul style="list-style-type: none"> <li>— the size of the area,</li> <li>— the perceived prospectivity of the area; that is, by considering the geology of the area and comparing exploration activities and work programs for ATPs with similar geological targets, and</li> <li>— the exploration maturity of the area; that is, the amount of previous petroleum exploration and development activities previously carried out on the area.</li> </ul> </li> </ul>
<p><b>Section 25A(1)(b) - for each year of the program period:</b></p> <p>The proposed later work program period for a 1923 Act ATP is defined by the remaining or renewed term of an ATP. If the term remaining for the ATP, or the proposed renewal term of the ATP is:</p> <ul style="list-style-type: none"> <li>— Less than four years – the program period is the rest of the term or renewed term; or</li> <li>— Four years or more, the program period is the following; or</li> <li>— If the Minister approves a longer period – the longer period.</li> </ul> <p>However, the Minister cannot approve a period longer than the rest of the term or renewed term of the ATP.</p>	
<p><b>Section 25A(1)(b)(i)</b> - the extent and nature of petroleum exploration and testing for petroleum production</p>	<ul style="list-style-type: none"> <li>• The extent and nature of the proposed activities should be outlined for effectively determining the resource potential of the area and progressing the resource status of the</li> </ul>

<p>proposed to be carried out during the year;</p>	<p>area. The proposed initial work program should be consistent with the geological model and rationale developed.</p> <ul style="list-style-type: none"> <li>• A map in the rationale that shows the geological aspects of the ATP area with an outline of the ATP area. For example, include maps and plans showing the extent of the stratigraphic units included in the geological model.</li> <li>• Proposed work must be divided into annual components, with proposed work to be carried out for each year of the program period. Each proposed discipline/activity must be costed, based on current market rates.</li> <li>• For each year of the program period include:             <ul style="list-style-type: none"> <li>– Data reviews (geological reviews and assessments – review of available data, including any on-ground scoping and site identification and preparatory mapping)</li> <li>– Target selection</li> <li>– Technical and geophysical surveys including their type (2D seismic, 3D seismic, airborne geophysical, geochemical) and maps showing the proposed extent of operations</li> <li>– Seismic data reprocessing</li> <li>– Drilling of delineated targets – wells (drilled on a dry hole basis) or water bores</li> <li>– The drilling method, estimated depth and stratigraphic targets</li> <li>– Any production testing proposed as a result of petroleum discoveries mad</li> <li>– Any monitoring activities, especially the location of water observation bores.</li> </ul> </li> <li>• Research of existing data and desk-top studies are given a lower priority and are considered a ‘minor’ part of a work program. The work proposed is expected to include a significant ‘on-ground’ direct data collection component. Emphasis should be on substantial exploration activities that will significantly advance the petroleum resource knowledge of the area.</li> <li>• Drilling is expected to be included as a part of a proposed later work program. Detailed descriptions of each drilling activity is to include:             <ul style="list-style-type: none"> <li>– Type</li> <li>– Metres</li> <li>– Number of holes</li> <li>– Stratigraphic targets.</li> </ul> </li> <li>• <a href="#">Table 3</a> details the various disciplines (proposed authorised activities) for a work program.</li> </ul>
<p><b>Section 25A(1)(b)(ii)</b> - generally where the activities are proposed to be carried out;</p>	<ul style="list-style-type: none"> <li>• A broad statement about where proposed drilling or survey activities will be conducted. This is to ensure that an investigation of the proposed targets within the proposed ATP can be carried out.</li> <li>• An outline illustrating when and where the activities will occur (‘where’ should be a general locality or geological references).</li> </ul>

<p><b>Section 25A(1)(b)(iii)</b> - the estimated cost of the activities;</p>	<ul style="list-style-type: none"> <li>• The costs of each proposed work program activity. For example, \$1,000,000 for each well, \$10,000/line kilometre for seismic acquisition.</li> <li>• Expenditure should reflect proposed initial work program activities that are the activities which form the exploration research and on-the-ground program; that is, the exploration model.</li> <li>• The following are not currently considered as allowable expenditure, as they are not considered work program related activities:             <ul style="list-style-type: none"> <li>— staff costs not directly connected to activities on the ATP,</li> <li>— inter-state travel to and from site,</li> <li>— environmental or cultural surveys,</li> <li>— ATP management costs.</li> </ul> </li> </ul>
<p><b>Section 25A(1)(c)</b> - maps that show where the activities are proposed to be carried out;</p>	<p>A map that shows where all authorised activities are proposed to be carried out on the ATP. The map must include known well locations, pipelines and other infrastructure, and access roads, as well as the locations of proposed wells and surveys. More than one map may be provided, and each map can show the location of proposed activities on a year by year basis.</p>
<p><b>Section 25A(1)(d)</b> - any other information relevant to the matters mentioned in section 25E(2);</p>	<ul style="list-style-type: none"> <li>• Address the criteria for deciding whether to approve a proposed initial work program.</li> <li>• Include a statement explaining why the extent and nature of the proposed later work program adequately tests the potential for petroleum discovery.</li> <li>• The statement should refer to the exploration <a href="#">rationale</a> and a number of other factors including:             <ul style="list-style-type: none"> <li>— the period of the proposed later work program,</li> <li>— size of the area,</li> <li>— perceived prospectivity of the area (determined by considering the geology of the area and comparing exploration activities and work programs for ATPs with similar geological targets),</li> <li>— exploration maturity of the area (amount of previous petroleum exploration and development activities carried out in the area).</li> </ul> </li> </ul>
<p><b>Section 25(1)(e)</b> - reasons that the program is considered appropriate;</p>	<p>A statement outlining reasons as to why the proposed later work program is considered appropriate. For example, one of the reasons may address why the proposed field activity is appropriate, taking into account the perceived prospectivity of the ATP area, or the results of previous exploration carried out in the area by other explorers.</p>

**For a P&G Act ATP:****Section 51 of the P&G Act - comply with the initial work program requirements**

The proposed initial work program requirements are detailed in [Table 1](#). The information to be provided in a proposed initial work program must also be provided in a proposed later work program.

The [later work program period](#) is for six years.

- [Table 3](#) details the various disciplines (proposed authorised activities) for a work program. [Tables 4](#) and [Table 5](#) provide examples of the template for work program.

<b>For both a 1923 Act ATP and a P&amp;G Act ATP</b>	
The following requirements must also be provided in a proposed later work program:	
<b>Legislative requirement – relevant to proposed later work program</b>	<b>Information to be provided</b>
<p><b>Section 25A(1)(f)</b> of the 1923 Act or <b>section 51(b)</b> of the P&amp;G Act - state the extent to which the current work program for the authority to prospect has been complied with;</p>	<p>A proposed later work program must contain a statement about whether or not the previously approved work program for the ATP has been complied with. If the statement provides that the previously approved work program has not been complied with the statement will also need to provide details of, and the reasons for, each non-compliance.</p> <p>When assessing compliance with the approved initial work program (P&amp;G Act), where the total number of metres or the total number of holes have not been completed, regard will be given to:</p> <ul style="list-style-type: none"> <li>- The total number of metres drilled</li> <li>- The total number of wells drilled</li> <li>- The number of wells that drilled the stratigraphic target or drilled to a depth to indicate the target was not present</li> <li>- Any explanation given for the potential noncompliance</li> <li>- The extent to which relevant drilling activities completed were: <ul style="list-style-type: none"> <li>▪ Consistent with the rationale given for the exploration program; and</li> <li>▪ Effective in achieving the objectives of the exploration program.</li> </ul> </li> <li>- Demonstrate that the statutory requirements have been met. It is understood that the activities may change as exploration progresses. In certain parts of the work program submission, estimates will be accepted if definitive information cannot be provided. However, this needs to be consistent with the geological model, geological concepts and rationale.</li> </ul>
<p><b>Section 25A(1)(g)</b> of the 1923 Act or <b>section 51(2)(b)</b> of the P&amp;G Act - if there have been any amendments to the authority or the current work program, state—</p> <ul style="list-style-type: none"> <li>(i) whether the changes have been incorporated in the proposed program; and</li> <li>(ii) any effect the changes have on the proposed program;</li> </ul>	<p>The following provisions of the 1923 Act and the P&amp;G Act provide for the amendment, in strictly limited circumstances, of an approved work program:</p> <ul style="list-style-type: none"> <li>• Part 4 (Authorities to prospect), division 2 (Work programs), subdivision 3 (Amending work programs) of the 1923 Act,</li> <li>• Chapter 2 (Petroleum tenures and related matters), part 1 (Authorities to prospect), division 3 (Work programs), subdivision 6 (Amending work programs) of the P&amp;G Act,</li> <li>• Chapter 2 (Petroleum tenures and related matters), part 1 (Authorities to prospect), division 8 (Miscellaneous provisions), subdivision 3 (Special amendment of relinquishment requirements or work program) of the P&amp;G Act.</li> </ul> <p>If approval has been given for amendments to the current approved work program, the proposed later work program must include a statement about:</p> <ul style="list-style-type: none"> <li>• Whether the changes have been incorporated in the proposed later work program. For example, the substitution of an activity (provided for under section 25J(1) of the 1923 Act or section 62(1) of the P&amp;G Act) or extending the period of the work program/deferring</li> </ul>

	<p>the relinquishment (provided for under section 25J(2) of the 1923 Act or sections 62(2) or 107D of the P&amp;G Act).</p> <ul style="list-style-type: none"> <li>• Any effect the changes have on the proposed later work program. For example, the proposed later work program may contain activities for acquiring the information that should have been obtained prior to any amendments to the current approved work program for the ATP.</li> </ul>
<p><b>Section 25A(1)(h)</b> of the 1923 Act or <b>section 51(2)(c)</b> of the P&amp;G Act - state the effect of any petroleum discovery on the proposed program.</p>	<p>The later work program must include a statement that addresses the effect of any petroleum discovery on the proposed later work program. For example, the later work program may require additional activities to confirm the commercial potential of the petroleum discovery, or details of new exploration concepts brought about by the discovery.</p>

**Table 3 - List of disciplines/activities**

<b>Discipline</b>	<b>Activity</b>	<b>Units</b>	<b>Quantity</b>
Desktop Studies	Geological and geophysical review	Days	N/A
	Gravity data reprocessing	Days	N/A
	Gravity data reprocessing (fixed cost)	Days	N/A
	Interpretation studies	Days	N/A
	Magnetic data reprocessing	Days	N/A
	Magnetic data reprocessing (fixed cost)	Days	N/A
	Other studies	Days	N/A
Drilling	Cuttings	Holes	Metres
	Fully cored	Holes	Metres
	Partly cored	Holes	Metres
Geophysics	Electromagnetic	Lines	Line Kilometres
	Gravity	Lines	Line Kilometres
	Ground penetrating radar	Lines	Line Kilometres
	Induce polarisation	Lines	Line Kilometres
	Magnetics	Lines	Line Kilometres
	Magnetotellurics	Lines	Line Kilometres
	Radiometric	Lines	Line Kilometres
	Resistivity	Lines	Line Kilometres
	Seismic (2 dimensional)	Lines	Line Kilometres
	Seismic (3 dimensional)	Lines	Line Kilometres
	Self potential	Lines	Line Kilometres
Hydraulic Fracturing	Fracturing	Wells	N/A
Production Testing	Production testing	N/A	N/A
Remote Sensing	Aerial photography	Lines	Line Kilometres
	Satellite imagery (visible imagery)	Lines	Line Kilometres

**Table 4 - Example of a summary of an activities-based work program for an ATP**

Year <i>(Years may be either for Years 1 – 6 or in periods indicative of milestones)</i>	Start date	End date	Discipline	Activities to be carried out	Units – Number and Description	Quantity (cumulative) – number and description	Primary target formation (drilling only)	Secondary target formation (drilling only)
1 - 3	01/01/2015	31/12/2017	Desktop Studies	Geological and geophysical review	# days	N/A		
			Drilling	Partly cored	# hole	# metres	Walloon Subgroup	Walloon Subgroup
4 - 6	01/01/2018	31/12/2020	Hydraulic Fracturing	Fracturing	# wells	N/A		
			Production Testing	Production testing	N/A	N/A		

**Table 5 - Example of a summary of an outcomes-based work program for an ATP**

Year <i>(Years may be either for Years 1 – 6 or in periods indicative of milestones)</i>	Start date	End date	Outcomes to be pursued	Rationale	Information and data to be provided
1 - 4	01/01/2015	31/12/2018	Delineate reservoir extent and structure	<i>[Demonstrate the rationale and approach required in pursuit of the outcomes to the best of the applicant's knowledge]</i>	<i>[Include type of information and data proposed to be collected about the existence of petroleum or gas during the period of the program.]</i> E.g. Provision of a geological model
2	01/01/2016	31/12/2016	Obtain direct measurement of reservoir properties	<i>[As above]</i>	E.g. Provision of laboratory or field based reports describing gas content, permeability etc.
3 - 6	01/01/2017	31/12/2020	Quantify gas resource in place (OGIP)	<i>[As above]</i>	E.g. Resource estimate prepared by a suitably qualified geologist or reserves estimator
5	01/01/2019	31/12/2019	Test reservoir deliverability	<i>[As above]</i>	E.g. Well test reports, pilot production data, hydraulic fracturing reports

## Other requirements

### General map requirements

Where [Table 1](#) requires a map as part of the information to be provided the following are the map's general requirements:

- A scale, scale bar and either AMG or geographic coordinates graticule must be included on each map.
- Maps should be provided at a common scale within the proposed work program to allow for comparison.
- The legend on all maps is to clearly identify all colours, symbols, front/line styles used.
- At least one of the maps must show background topographic information (for example, creeks, rivers) and other significant cultural features (for example, dwellings, town extents, roads).
- All relevant petroleum authorities or mining tenements are to be shown on all maps.

### Available data about the proposed area

A detailed outline and technical assessment on the available data, researched or captured in relation to the proposed land the subject of an ATP tender application, is required.

This should be included or referenced in the rationale submitted to support the geological model and proposed initial work program.

When providing details of any previous exploration work carried out in and around the ATP area, the table format, below, is to be used:

Date	Reference ( <i>open file number, internal report etc.</i> )	Company name	Commodity	Work done ( <i>mapping, stream sediments, drilling, etc.</i> )	Highlights	Comments

### Special criteria – ATP tender application

Applicants for an ATP tender application, should be aware that the call for tender may contain special criteria that apply to the call. For example, applicants may be evaluated against the special criteria of being able to meet an Australian market supply condition.

Special criteria will be detailed in the call for tenders and, where applicable, must be addressed by the applicant in the proposed initial work program.

## Document information

**Availability:** External

**Location:** Business Industry Portal

**Owner and approver:** Deputy Director-General, Georesources Division

**Review date:** May 2022

**Related documents:** This guideline may be read in conjunction with the following:  
The tender document relating to a call for tenders for an ATP, made by the Minister for Natural Resources, Mines and Energy – see QTenders website.

**Contact:** For help and information contact the Petroleum Assessment Hub:

Phone: (07) 3199 8118

Email: [PetroleumHub@dnrme.qld.gov.au](mailto:PetroleumHub@dnrme.qld.gov.au)

For technical support contact the MyMinesOnline Helpdesk.

Telephone: (07) 3199 8133

Email: [mines\\_online@dnrme.qld.gov.au](mailto:mines_online@dnrme.qld.gov.au)

8.30am – 4.30pm (AEST) Monday to Friday on Queensland business days.