

# Well Plan Summary submission guideline

<b>Document title</b>	Well Plan Summary submission guideline
<b>Contact details</b>	Energy Division
<b>Approved by</b>	Senior Director Petroleum Operations
<b>Date approved</b>	25 June 2020
<b>Document review</b>	Annually
<b>TRM number</b>	NA

<b>Version</b>	<b>Date</b>	<b>Author</b>	<b>Changes made</b>
Draft 1	22 May 2020	Senior Petroleum Engineer	First draft.
	23 June 2020	Senior Petroleum Engineer	Revised to include Senior Director's feedback.
v.1	25 June 2020	Senior Petroleum Engineer	Finalised and approved.

<b>Acronyms</b>	<b>Full form</b>
DPIR	Department of Primary Industry and Resources
NT	Northern Territory
WOMP	Well Operations Management Plan
WPS	Well Plan Summary

# Contents

<b>1. Purpose.....</b>	<b>4</b>
<b>2. Scope of this guideline .....</b>	<b>4</b>
<b>3. Relevant legislation and code of practice .....</b>	<b>4</b>
<b>4. Well Plan Summary submission .....</b>	<b>5</b>
4.1. Background.....	5
4.2. Reporting timeframes.....	5
4.3. Minimum data, information required and submission format.....	5
<b>5. Publication on department’s website .....</b>	<b>6</b>
<b>6. Related documents .....</b>	<b>6</b>
<b>7. Contact for further information .....</b>	<b>6</b>

## 1. Purpose

This purpose of this guideline is to provide a documented, systematic, and consistent approach for the submission of a Well Plan Summary ('WPS') for all petroleum wells in the Northern Territory (NT).

This guideline supports and provides additional details to the overarching NT Schedule of Petroleum Exploration and Production Requirements (*the Schedule*).

The guideline should also be used with the Code of Practice: Onshore Petroleum Activities in the NT (*the Code*) and other relevant guidelines, and industry best practices.

## 2. Scope of this guideline

The submission of a WPS to the NT Department of Primary Industry and Resources ('DPIR') under the requirements of the Schedule.

The WPS is required for all petroleum wells in the NT. That is, any well that has an approved Well Operations Management Plan ('WOMP') in place as required by Clause 301 of the Schedule.

## 3. Relevant legislation and code of practice

NT *Petroleum Act* ('the Act')

NT Petroleum (Environment) Regulations

Northern Territory Schedule of Petroleum Exploration and Production Requirements

Code of Practice: Onshore Petroleum Activities in the NT

## 4. Well Plan Summary submission

### 4.1. Background

As per Clause 301c (1)(c) of the Schedule, and in conjunction with relevant sections of the Code, and matters included in the approved WOMP, titleholder/s are required to submit a separate WPS for petroleum wells proposed to be constructed on their title(s).

A WPS is required to be submitted by the titleholder/s to DPIR's Energy Division for acceptance.

### 4.2. Reporting timeframes

The submission of a WPS is part of an approved WOMP, and is required to be submitted seven (7) days before commencing a well activity covered by the WOMP.

### 4.3. Minimum data, information required and submission format

The following minimum information and data are to be included in the WPS:

- Well trajectory profile
- Hole sizes
- Casing sizes
- Expected top of cement in each annulus
- Geological formations, including identification of:
  - aquifers
  - hydrocarbon bearing formations.
- Geological formations shown relative to the well in a vertical stratigraphic column.
- Vertical separation distance between surface aquifer and target hydrocarbon zones
- Location and details of all identified structural geological elements (potential geohazards including faults that could compromise well integrity), shown on a surface map (to scale), including: direction, a legend, depth to basement (with colour scale), eastings and northings, and title label and boundary.
- Brief explanation of how any potential geohazards are being addressed.

All the above information and data are to be shown on an A3-size single page document.

## 5. Publication on department's website

The WPS will be published on DPIR's website. Any information considered as commercially sensitive have to be removed.

In addition, ensure that all internal approvals have been obtained for DPIR to publish the WPS prior to submission.

## 6. Related documents

NT Schedule of Petroleum Exploration and Production Requirements.

Code of Practice: Onshore Petroleum Activities in the Northern Territory.

## 7. Contact for further information

For more information regarding this guideline, please contact the Energy Division's Operations team by email: [petroleum.operations@nt.gov.au](mailto:petroleum.operations@nt.gov.au).