

Annual Environmental Performance Report

EMP title	Mereenie Development Wells – WM-29 / WM-30 Environment Management Plan
Unique EMP ID	CTP 7-5
EMP approval date	5 March 2024
AEPR period	5 March 2024 to 30 June 2024
Petroleum title number/s	OL4 & OL5

The information to be included in this template may be used by the Minister for Environment, Climate Change and Water Security to assess whether an interest holder is meeting the environmental outcomes, environmental performance standards and obligations and commitments made in an approved Environment Management Plan (EMP).

This form must be completed in accordance with the instruction and guidance provided in the Onshore Petroleum Annual Environmental Performance Reporting Guideline available on the [Onshore Gas website](#).

Document title	Annual Environmental Performance Report
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Version Control

Date	Rev	Reason for Amendment	Author	Checked	Approved
30-Sep-24	1	Initial Submission	Environmental Specialist	Risk & HSE Manager	Risk & HSE Manager

Declaration	
<p>A person with legal authority to sign on behalf of the interest holder, or all interest holders (if more than one), must sign the declaration.</p> <p>I hereby declare that I:</p> <ul style="list-style-type: none">am authorised to make this declaration.confirm that, to the best of my knowledge all information provided addresses the relevant matters and is true, correct, complete, and does not contain misleading information.am aware that it is an offence under section 107 of the <i>Petroleum Act 1984</i> to give an authorised person information that I know, or ought to reasonably know, to be false or misleading in a material manner particular.understand that all information supplied as part of this form, including attachments, may be disclosed publically in accordance with section 62A of the <i>Petroleum Act 1984</i>, and consistent with the requirements of the Information Privacy Principles (IPPs) in the <i>Information Act 2002</i>.	
Signature	<i>CA Lambert</i>
Name of person signing on behalf of interest holder/s	Cameron Lambert
Position	Risk & HSE Manager
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Acronyms / Terms	Definition
AAPA	Aboriginal Areas Protection Authority
AEPR	Annual Environmental Performance Report
CLC	Central Land Council
Code	Code of Practice: Onshore Petroleum Activities in the Northern Territory
CP	Central Petroleum Limited
CTP	Central Treatment Plant
CLC	Central Land Council
DEPWS	Department of Environment, Parks and Water Security (NT)
DITT	Department of Industry, Tourism and Trade (NT)
EMP	Environment Management Plan
EM	East Mereenie
EP	Exploration Permit
EPA	Environment Protection Authority
EPS	Environmental Performance Standard
ESS	Eastern Satellite Station
FEMP	Field Environment Management Plan
GIS	Geographic Information System
HSE	Health, Safety and Environment
Interest Holder	Means a person who holds a petroleum interest for a regulated activity.
Minister	Minister for Environment, Climate Change and Water Security
MRN	Mereenie Oil and Gas Field
NEMP	National Environment Management Plan
NORMS	Naturally Occurring Radioactive Materials
NPI	National Pollution Inventory
NT	Northern Territory
OL4	Operating Licence Four
OL5	Operating Licence Five
Operator	Means a person designated as operator under section 16(3)(g) of the <i>Petroleum Act 1984</i>
PL2	Pipeline Licence Two
Regulations	Petroleum (Environment) Regulations 2016 (NT)
TO	Traditional Owner
WM	West Mereenie

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1. Introduction

The Petroleum (Environment) Regulations 2016 (NT) (the Regulations) require an interest holder to provide a report to the Minister for Environment, Climate Change and Water Security (the Minister) on no less than an annual basis that outlines the environmental performance of the interest holder. The report, termed the Annual Environmental Performance Report (AEPR), must include sufficient information to allow the Minister to assess whether the interest holder has met the environmental outcomes and environmental performance standards included in the approved Environment Management Plan (EMP) with reference to information required to be recorded, monitored or reported under the Regulations and any other law in force in the NT related to the conduct of the regulated activity.

Approved Environment Management Plan Details	
EMP title	Mereenie Development Wells – WM-29 / WM-30 Environment Management Plan
Unique EMP ID	CTP 7-5
EMP approval date	5 March 2024
AEPR period	5 March 2024 to 30 June 2024
Petroleum title number/s	OL4 & OL5
Regulation 22 Notices (insert more rows if needed)	
Date Acknowledged	Scope
N/A	N/A
Regulation 23 Notices (insert more rows if needed)	
Date Acknowledged	Scope
N/A	N/A
Location of Regulated Activity	
<input checked="" type="checkbox"/>	Figure attached showing location of regulated activity (Attachment 1)
Regulated activities conducted during the reporting period (list regulated activities conducted, add or remove rows as required)	
1	Civil and Projects including: <ul style="list-style-type: none"> Includes construction of a well access track and engineered petroleum development well site x 2, similar to those constructed in previous years at Mereenie Field within OL4. This includes the construction of an engineered and lined drilling sump to permanently contain and isolate drill cuttings and associated drilling mud at each proposed well site, WM29 and WM30.
2	EMP Implementation Strategy including: <ul style="list-style-type: none"> Ensuring compliance/conformance of EMP activities with the Implementation Strategy outlined in Section 8 of the approved Mereenie Field EMP and the operators' HSE Management System.
3	Petroleum Well Construction including: <ul style="list-style-type: none"> WM29 and WM30 will be constructed to meet the requirements of the <i>Code of Practice: Onshore Petroleum Activities in the NT</i> and in accordance with an approved Well Operations Management Plan (WOMP).
4	Petroleum Well Testing including: <ul style="list-style-type: none"> During the drilling of the production hole at each well site, measurements will be taken for both the incoming compressed air and the outgoing flow rates of gas. Gas flow rates will be periodically assessed at different intervals to confirm the well's success. This process involves a controlled release/flow of hydrocarbon (dry gas) diverted to a flare pit for combustion. Following the results obtained from flow tests (if applicable), a decision will be made to either run a completion or to decommission the well.

5	<p>Petroleum Well Completion – Success Case including:</p> <ul style="list-style-type: none"> ▪ If gas flow rates to surface are satisfactory, the development well will be completed as a production well and linked up to the existing in-field gathering network of petroleum flowlines at Mereenie.
6	<p>Petroleum well decommissioning – non-success case including:</p> <ul style="list-style-type: none"> ▪ Wells will be decommissioned to meet the requirements of the <i>Code of Practice: Onshore Petroleum Activities in the NT</i> and in accordance with an approved WOMP.
7	<p>Progressive rehabilitation including:</p> <ul style="list-style-type: none"> ▪ Rehabilitation of disturbed areas and removal of/or make safe infrastructure no longer required for development well construction and completion.
8	<p>Support including:</p> <ul style="list-style-type: none"> ▪ Includes the activities required to support the regulated activity at the Mereenie Field, including mobile accommodation camp, waste and wastewater handling, power generation, water supply and chemical storage and handling.
9	<p>Activities Not Within Scope including:</p> <ul style="list-style-type: none"> ▪ Hydraulic fracturing – the Code explicitly requires all ‘produced water and flowback fluid’ from hydraulic fracturing operations to be held in above-ground enclosed tanks. The monitoring required in the Code is also aligned with wastewater arising specifically from hydraulic fracturing. ▪ This clause is not relevant at Mereenie, where all the petroleum wells are conventionally developed and do not require hydraulic fracturing. This is because there is no ‘produced wastewater’ during conventional well construction operations.
<input checked="" type="checkbox"/>	<p>Gantt chart attached showing the period each regulated activity listed above was conducted (Attachment 2)</p>

1.1. Sources of information to inform performance

Information evaluated to inform compliance status	
<input checked="" type="checkbox"/>	Compliance with Ministerial approval conditions
<input checked="" type="checkbox"/>	Compliance with each environmental outcome and environmental performance standard within the approved EMP
<input checked="" type="checkbox"/>	Compliance with reporting requirements in accordance with the Code and Regulations
<input checked="" type="checkbox"/>	Recordable and reportable incidents within the reporting period, including root cause analysis and related corrective actions to prevent re-occurrence
<input checked="" type="checkbox"/>	Findings of regulatory inspections and audits within the reporting period and related actions to address any findings
Other	N/A

1.2. Performance indicators

Table 1 shows the performance status indicators used in this AEPR.

Table 1: Performance descriptors

Performance Status	Description
Compliant	Compliant with requirement for entire 12 month reporting period
Not Compliant	Interest holder did not comply with the requirement fully or at all during the reporting period
Not Applicable	Requirement not applicable during the reporting period

1.3. Evidence used to assess performance

Please indicate which sources of evidence have been used to demonstrate compliance.

Evidence used to inform compliance status (check applicable evidence)	
<input checked="" type="checkbox"/>	Interest holder self-assessments of compliance, through daily and weekly inspections, as committed to in the EMP
<input checked="" type="checkbox"/>	Interest holder self-assessments of compliance, through internal audits, as committed to in the EMP
<input checked="" type="checkbox"/>	Interest holder self-assessments of compliance, through external audits conducted by third parties
<input checked="" type="checkbox"/>	Outcomes of inspections and/or audits conducted by the regulator
<input checked="" type="checkbox"/>	Spill register entries
<input checked="" type="checkbox"/>	Monitoring or other reports provided to DEPWS, the Department of Industry, Tourism and Trade (DITT) and other government agencies as required by the EMP
<input checked="" type="checkbox"/>	Outcomes of monitoring programs
<input checked="" type="checkbox"/>	Measurement criteria identified in the approved EMP
Other	Internal tracking of compliance by CP through: <ul style="list-style-type: none"> ▪ Inspections, as committed to in the Zevon EMP ▪ Our incident management system records ▪ Pre and post work environmental checklists ▪ Daily environmental reports ▪ Daily status reports ▪ Work management and maintenance system records ▪ Various registers in place including: ▪ animal control, waste, hazardous goods, chemical, weed control

2. Demonstration of performance

Table 2 demonstrates interest holder compliance with Ministerial EMP approval conditions.

Table 2: Compliance with Ministerial approval conditions

No	Ministerial Condition	Compliant	Evidence
1.	By 1 September of each year, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au a notification if civil works (being all ground disturbing activities, including earth moving, land clearing, installation of gravel pits, establishment of well pads, and establishment of access tracks) are proposed to be conducted during the upcoming Wet Season (as defined in the Code of Practice: Onshore Petroleum Activities in the Northern Territory (2019) (the Code)). The notification must include: <ul style="list-style-type: none"> i. the nature of the proposed civil works activities; and ii. the proposed timeframe for conducting the civil works activities. 	Yes	Wet Season Civil Works Report as per condition 1 of the Ministerial Conditions was emailed to DEPWS 12 August 2024
2.	Within 24 hours of commencement or completion of civil works activities (being all ground disturbing activities, including earth moving, land clearing, installation of gravel pits, establishment of well pads, and establishment of access tracks), the interest holder must submit to Onshoregas.DEPWS@nt.gov.au a notification that civil works activities have commenced or ceased, including the date the activities commenced or ceased and the type and location of the activities.	N/A	No Civil Works activities have commenced or ceased during reporting period
3.	Within 30 days of completing land clearing or other ground disturbing activities (being all ground disturbing activities, including earth moving, land clearing, use of gravel pits, establishment of well pads, and establishment of access tracks) the interest holder must submit to Onshoregas.DEPWS@nt.gov.au geospatial files (as shapefiles and inclusive of metadata).	N/A	No land clearing or other ground disturbing activities have commenced during reporting period
4.	Within 24 hours of drilling activity commencement or completion, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au a notification that drilling activities have commenced or completed, including the location of the relevant drilling activity.	N/A	No drilling activity has taken place during the reporting period

No	Ministerial Condition	Compliant	Evidence
5.	By 1 October of each year, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au a completed Annual Environmental Performance Report (AEPR) for the preceding 12-month period of 1 July to 30 June using the AEPR template. The AEPR template must be completed in accordance with the Onshore Petroleum Annual Environmental Performance Reporting Guideline (21 December 2023).	Yes	Compliance achieved through submission of this AEPR
6.	<p>Within three business days of 31 March, 30 June, 30 September and 31 December of each year, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au a report with the following information:</p> <ul style="list-style-type: none"> i. regulated activities completed in the previous quarter; ii. regulated activities to be conducted in the next quarter, including estimated duration; iii. the date any conditions of this approval were completed in the previous quarter; iv. the date any conditions of this approval are due for completion in the next quarter; and v. monitoring and compliance activities to be conducted in the next quarter based on commitments in the approved EMP, relevant to the stage of a regulated activity. 	Yes	<p>Quarterly ministerial condition reports were submitted as per Condition 1 for the reporting period on:</p> <ul style="list-style-type: none"> ▪ 25/06/24
7.	<p>During the Wet Season (as defined in the Code), the interest holder must submit to Onshoregas.DEPWS@nt.gov.au weekly reports with the following information:</p> <ul style="list-style-type: none"> i. whether unsealed access roads were used by any vehicle or machinery, other than a light vehicle; ii. daily inspection reports of erosion and sediment control measures and, where relevant, the type and date of corrective actions taken, or date proposed to be taken, in response to issues identified in the daily inspection reports; iii. daily inspection reports for secondary containment in use and, where relevant, the type and date of corrective actions taken, or date proposed to be taken, in response to issues identified in the daily inspection reports; and iv. all dates the regulated activity was stopped due to Wet Season events and the date and time that the regulated activity recommenced or is proposed to recommence. 	Yes	<p>Wet season reporting was provided to DEPWS on the:</p> <ul style="list-style-type: none"> ▪ 01/04/24 ▪ 08/04/24 ▪ 15/04/24 ▪ 22/04/24 ▪ 29/04/24 ▪ 02/05/24

No	Ministerial Condition	Compliant	Evidence
8.	<p>During drilling activities, the interest holder must record the date, time and position title of the officer who conducted the daily inspection, and must submit to Onshoregas.DEPWS@nt.gov.au a weekly report with the following information:</p> <ul style="list-style-type: none"> i. the daily freeboard available in drill cutting pits (in cm) and the time of measurement; and ii. whether any non-compliances with legal requirements were identified in the daily inspections and, if relevant, corrective actions taken, or proposed to be taken, and the timeframe for implementation of corrective actions, in response to the non-compliances. 	N/A	No drilling activities reporting required within this partial reporting period.
9.	The interest holder must submit the weekly reports required by conditions 7 and 8 by 5pm ACST each Monday for the preceding week or part thereof.	N/A	As Above
10.	<p>The interest holder must submit recordable incident reports to Onshoregas.depws@nt.gov.au no later 5 pm ACST 15 days after the end of each quarter, being 15 April, 15 July, 15 October and 15 January each year while the approved plan remains in force, and must be submitted regardless of whether an incident occurred during the reporting period or not.</p>	Yes	<p>Quarterly incident reports were submitted as per Condition 5 for the reporting period on:</p> <ul style="list-style-type: none"> ▪ Q2 Report on 04/07/24
11.	<p>By 31 October of each year, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au the emissions report required by clause D.6.2 of the Code, which must:</p> <ul style="list-style-type: none"> i. calculate emissions in accordance with the National Greenhouse and Energy Reporting (Measurement) Determination 2008; ii. document actual annual greenhouse gas emissions from conduct of the regulated activity estimated and reported under the Commonwealth National Greenhouse and Energy Reporting Act 2007 (NGER Act) versus predicted emissions in the EMP (CTP7-5); iii. demonstrate the actual emissions have been verified by an auditor registered under the Register of Greenhouse and Energy Auditors established under section 75A of the NGER Act; iv. include a summary of all regulated activities conducted which have contributed to greenhouse gas emissions during the reporting period; and 	N/A	No reporting required within the reporting period. To be submitted by 31 October 2024

No	Ministerial Condition	Compliant	Evidence
	<p>v. account for differences between actual and predicted emissions with reference to all parts of the regulated activity with potential to create greenhouse gas emissions.</p> <p>FOOTNOTE 1: Clause D.6.2(b) of the Code requires annual actual greenhouse gas emissions to be provided even where emissions are below the NGER Act threshold of 25 ktCO₂-e for scope 1 and scope 2 emissions reporting.</p>		
12.	<p>The interest holder must record all releases of liquid contaminant or hazardous chemicals in a site spill register, which records:</p> <ul style="list-style-type: none"> i. the liquid contaminant or hazardous chemical spilled or leaked; ii. the GPS co-ordinates of the location of the spill or leak; iii. the source and volume of the spill or leak; iv. the volume of impacted soil removed for disposal and the depth of any associated excavation; v. the location impacted soil is transferred to; and vi. the corrective actions taken or proposed to be taken to prevent recurrence of an incident of a similar nature. 	Yes	Details of spills are recorded in Central's incident management system and provided on a quarterly bases as per the dates listed above under Condition 10
13.	<p>The interest holder must undertake six-monthly groundwater monitoring at established groundwater monitoring bores (RN017898 and RN017657) in the Mereenie Field.</p>	Yes	Groundwater testing was undertaken in May 2024 and is scheduled again in October 2024
14.	<p>Within 90 days of the anniversary of the approval date of the EMP (CTP7-5), and each subsequent year, the interest holder must submit to Onshoregas.DEPWS@nt.gov.au an interpretative report of groundwater quality which includes:</p> <ul style="list-style-type: none"> i. identification of any change to groundwater quality or level attributable to conduct of the regulated activity at the well site(s) and discussion of the significance and cause of any such observed change; ii. interpretation of any statistical outliers observed from baseline measured values for each of the analytes listed in Table 6 of the Code; iii. a summary of the results including descriptive statistics; iv. discussion of any trends observed. 	N/A	The interpretive ground water report is not due within the reporting period but will be developed and submitted after the second testing event and within 90 days of the anniversary of the EMP (i.e. prior to 5 June 2025)

No	Ministerial Condition	Compliant	Evidence
15.	<p>Within 90 days of the anniversary of the approval of the EMP (CTP7- 5), and thereafter annually, the interest holder must provide a rehabilitation report to Onshoregas.DEPWS@nt.gov.au which:</p> <ul style="list-style-type: none"> i. provides the dates vegetation monitoring analogue sites were established and surveyed during the preceding 12-month period; ii. provides the dates rehabilitation monitoring was undertaken during the preceding 12-month period; iii. analyses and compares rehabilitation progress against analogue sites and the rehabilitation criteria in the EMP; iv. includes corrective actions identified for rehabilitated areas and the date those corrective actions were implemented, or the date they are proposed to be implemented; and v. is accompanied by geospatial files (as shapefiles and inclusive of metadata) identifying the areas rehabilitated during the preceding 12-month period. 	N/A	The annual deadline for rehabilitation monitoring has not yet been reached within this AEPR reporting period. Annual rehabilitation reporting is due by 5 June 2025. A rehabilitation report will however be provided prior to the end of the 2024 calendar year.
16.	The interest holder must not introduce wastewater into any flare pit unless demonstrated to be impervious, in accordance with conditions 17 to 20 below.	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period
17.	The interest holder must undertake performance testing of any flare pit(s) proposed to contain wastewater that demonstrates the impervious nature of the flare pit.	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period
18.	<p>The interest holder must provide to Onshoregas.DEPWS@nt.gov.au within 28 days of completion of performance testing a report detailing:</p> <ul style="list-style-type: none"> i. the performance test(s) used to determine flare pit permeability; ii. the performance test acceptance standards applied; and iii. the results of the performance test(s) applied for each flare pit. 	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period
19.	The interest holder must undertake and keep records of a visual inspection of the flare pit prior to the commencement of any activity that could result in the introduction of any wastewater. The visual inspections should be sufficient to detect structural defects which could influence the capacity of the flare pit to contain wastewater.	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period

No	Ministerial Condition	Compliant	Evidence
20.	<p>The interest holder must undertake repeat performance testing of a flare pit if any of the following conditions are met:</p> <ul style="list-style-type: none"> i. more than 12 calendar months have passed between use of a flare pit to contain wastewater, or ii. a visual inspection of the flare pit identifies structural defects in the integrity of the liner, or iii. if instructed to by an Inspector. 	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period
21.	<p>The interest holder must undertake six-monthly testing of the quality of all wastewater produced from petroleum wells, consistent with clause C.5.S(c) of the Code, with the first testing to be undertaken within six months of the date of approval of the EMP.</p>	N/A	No drilling or recompletions requiring the use of a flare pit have been undertaken within the reporting period
22.	<p>The interest holder must provide a report consistent with the requirements of regulation 378(2) to Onshoregas.depws@nt.gov.au within 90 days of the second testing event referred to in condition 15, inclusive of a full human health risk assessment, in accordance with regulations 37B(2A) and 4A.</p>	N/A	The second wastewater testing event is proposed in October 2024 with a wastewater report due within 90 days of the event
23.	<p>The interest holder must review the results of testing undertaken in condition 21 to ensure:</p> <ul style="list-style-type: none"> i. the wastewater and spill management practices in the EMP remain appropriate for the concentrations of analytes detected; and ii. the storage, treatment and transport of wastewater remain consistent with legislated requirements for NORMs and listed waste; and iii. The human health risk assessment undertaken in accordance with condition 22 remains applicable to the type and concentrations of analytes detected. 	N/A	The wastewater report will include the requirements details in Condition 23 but has not yet been drafted as it is not due within the defined reporting period

Table 3 provides a systematic overview of interest holder performance against the environmental outcomes and environmental performance standards within the approved EMP.

Table 3: Compliance with environmental outcomes and environmental performance standards

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
1.	No significant impact to threatened fauna, their habitat and sites of conservation significance	No unauthorised clearing of vegetation or loss of fauna habitat	N/A	No clearing has been undertaken within the reporting period
		No introduction of new or spread of existing Weeds of National Significance, weed listed under NT legislation or locally significant weed species	N/A	No work has commenced or weed has been brought to site within the reporting period
		Death or injury of conservation significant fauna will be minimised	N/A	No work has commenced and no significant death or injury to fauna within the reporting period
		No uncontrolled fires from the operators' activities	N/A	No work has commenced and no uncontrolled fires within the reporting period
		Drilling activities will not encourage pest species	N/A	No work has commenced, and no drilling activities have commenced during the reporting period
2.	No significant long-term impacts on soil stability, soil quality and land formations from the operator's activities)	Erosion and sediment controls in place, including wet weather response	N/A	No work has commenced within the reporting period
		Disturbance of land remains within existing cleared and operational areas.	N/A	No work has commenced within the reporting period
		No releases of contaminants (including wastes, chemicals, hydrocarbons) resulting in long-term contamination of the soil	N/A	No work has commenced within the reporting period
		Land no longer required for active operations is stabilised and progressively rehabilitated	N/A	No work has commenced within the reporting period
3.	No significant impact on surface water quality from the operators' activities	No release of contaminants resulting in long term contamination of surface waters, including during wet weather operations	N/A	No work has commenced within the reporting period
		Erosion and sediment controls in place	N/A	No work has commenced within the reporting period
		No long-term impacts on surface water from operation of evaporation ponds	N/A	No work has commenced within the reporting period

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
4.	No significant impact on groundwater quality, levels and availability as a result of activities	No release of contaminants (wastewater, wastes, chemicals, hydrocarbons or workover fluids) resulting in long-term contaminations of groundwater resources	N/A	No work has commenced within the reporting period
		Groundwater extraction does not reduce groundwater availability to surrounding users	N/A	No work has commenced within the reporting period
		Wells are managed under a Well Operations Management Plan to monitor integrity and potential for impact on groundwater	N/A	No work has commenced within the reporting period
5.	Drilling's activities do not create a measurable decrease in air quality at sensitive receptors	No release of air contaminants resulting in long term impact to sensitive receptors	N/A	No work has commenced within the reporting period
		No fire or explosion from the operators' activities	N/A	No work has commenced within the reporting period
6.	Greenhouse gas emissions are minimised	Venting to be eliminated as far as reasonably practicable	N/A	No work has commenced within the reporting period
		All leaks detected and repaired as per the Code	N/A	No work has commenced within the reporting period
7.	Bushfires are not started from conduct of the regulated activity and infrastructure is protected from fires started outside of the OL areas	No uncontrolled bushfires caused by the operator's activities	N/A	No work has commenced within the reporting period
8.	No significant impact on the natural environment from drilling activities in association with weather events	No releases of contaminants resulting in long-term contamination of surface waters	N/A	No work has commenced within the reporting period
		Erosion and sediment controls in place where required and working as designed	N/A	No work has commenced within the reporting period
9.	The extraction of subsurface equipment, hydrocarbons and water does not result in human health impacts	No impacts from the presence of NORMs on the environment or human health	N/A	No work has commenced within the reporting period

No	Environmental Outcome	Environmental Performance Standard	Compliant	Evidence
10.	No significant impact to indigenous and non-indigenous artefacts, Aboriginal Sacred Sites, and non-indigenous heritage sites	No non-compliance with AAPA Sacred Site Certificates or CLC permits	N/A	No work has commenced within the reporting period
		No unauthorised disturbance of aboriginal archaeological places/objects and/or Aboriginal Sacred Sites	N/A	No work has commenced within the reporting period
11.	Drilling activities minimise the following: <ul style="list-style-type: none"> ▪ Reduction in capacity of road infrastructure up to and within Mereenie ▪ Maintain and enhance community relationships ▪ Safety risks to the community 	No disturbance to surrounding land uses/access from the operator's activities	N/A	No work has commenced within the reporting period
		No impact on regional waste resources and services	N/A	No work has commenced within the reporting period
		Visitors and contractors are aware of environmental requirements	N/A	No work has commenced within the reporting period

Table 4: Compliance with mandatory monitoring and reporting requirements

No	Reference	Requirement	Compliant	Evidence
1.	Code cl A.3.5	Geospatial information depicting areas cleared is to be provided to the Minister.	N/A	No clearing was completed during the reporting period
2.	Code cl A.3.6 (b)	Weed management plan developed as part of the EMP must provide for ongoing weed monitoring.	N/A	The weed management plan is included in the EMP, however work has not commenced. Annual weed assessment will be undertaken in subsequent AEPR.
3.	Code cl A.3.7(a)vi	The fire management plan must provide for annual fire mapping.	N/A	The fire management plan is included in the EMP, however work has not commenced.
4.	Code cl A.3.9(c) Code cl A.3.9(e)	The rehabilitation plan requires progressive rehabilitation of significantly disturbed land which is required to commence no longer than 12 months following the cessation of activities on the land. It also requires regular maintenance and annual monitoring of rehabilitated areas.	N/A	Work has not commenced, and no disturbed land has required rehabilitation

No	Reference	Requirement	Compliant	Evidence
5.	Code cl B.4.13.2(c)	As a minimum, the following must be recorded and reported for each stage (where a stage in this context means all fluids pumped at a particular depth interval): a) total volume of hydraulic fracturing fluid pumped, b) quality of water used (tested for analytes in section C.8 of this Code. Analyses do not need to be repeated if the same water source is used for multiple stages), and c) typical and maximum concentrations of chemicals or other substances used.	N/A	No hydraulic fracture stimulation and flowback operations were conducted
6.	Code cl B.4.13.2(k)iv	Where venting is the only technically feasible option for managing produced gas, the technical considerations preventing the use of the recovered gas must be recorded and included in the operator's annual report.	N/A	No work has commenced within the reporting period
7.	Code cl B.4.14.2(c)	All new barriers or new well operating envelopes must be verified and clearly documented and reported by submission of an updated well barrier integrity validation (WBIV) report to DITT.	N/A	No work has commenced within the reporting period
8.	Code cl B.4.15.2(j)	Complete and accurate records of the entire decommissioning procedure must be kept, with these records submitted as part of the legislative reporting requirements for the decommissioning of petroleum wells.	N/A	No decommissioning of wells took place within the reporting period
9.	Code cl C.6.1(d)	Wastewater tracking documentation must be reported to the Minister at least annually in accordance with the framework (Spill Management Plan and Wastewater Management Plan) outlined in the EMP	N/A	No work has commenced within the reporting period
10.	Code cl C.7.1(d)ii	Wastewater Management Plan must include a program for monitoring and reporting against the effectiveness of the measures for the mitigation of interaction with wildlife, stock and human receptors with wastewater.	N/A	Wastewater Management Plan is included in the EMP, however work has not commenced

No	Reference	Requirement	Compliant	Evidence
11.	Code cl D.5.9.2(c)	Emissions from exploration, well construction (including during flowback) and workovers must be measured, and reports submitted.	N/A	The scope of Section D of the Code of Practice is only for onshore shale gas. Therefore, not applicable to CP conventional gas activities.
12.	Code cl D.5.9.3(a)	Where natural gas is vented or flared at a gas processing or other downstream facility, emissions must be estimated and reported.	N/A	The scope of Section D of the Code of Practice is only for onshore shale gas.
13.	Reg 33	DEPWS must be notified of reportable incidents within 2 hours of the interest holder becoming aware of the incident, or within 2 hours of the incident occurring. A written report must be provided within 24 hours if the initial report was made orally.	N/A	CP did not have any reportable incidents resulting from activities outlined in the EMP
14.	Reg 34	Reports on reportable incidents must be provided to DEPWS as soon as practicable and within 72 hours of the event occurring. A final report must be provided to DEPWS within 30 days after remediation/cleanup of the affected area.	N/A	CP did not have any reportable incidents resulting from activities outlined in the EMP
15.	Reg 35	A written report of all recordable incidents must be provided to DEPWS not later than 15 days after the 90-day reporting period (unless otherwise agreed).	N/A	No recordable incidents have been submitted as no work has commenced
16.	Reg 37A	A report about flowback fluid from hydraulic fracturing must be provided to the Minister within 6 months of the flowback occurring.	N/A	The regulated activity did not include hydraulic fracturing
17.	Reg 37B	A report about produced water from hydraulic fracturing must be provided to the Minister within 6 months of the produced water being extracted.	N/A	The regulated activity did not include hydraulic fracturing
18.	Schedule 1, item 12	Interest holder must notify the Minister, occupier of the land and owner of the land on which the activity is to be carried out before commencement of construction, ¹ drilling, or seismic surveys.	N/A	Work has not commenced, so notification has not been carried out

¹ Note, civil works are also considered 'construction' activities.

No	Reference	Requirement	Compliant	Evidence
19.	NPI Measure 1998 (Cth) s 9 / Waste Management and Pollution Control Act 2003 (NT)	The occupier of each reporting facility is to be required to provide information to the NPI if a reporting threshold for a substance is exceeded	N/A	Mereenie Development Wells is not in operation as yet. Notification of works was not required for any activities during the reporting period
20.	National Greenhouse and Energy Reporting Act 2007 s 19	A registered corporation must provide a report to the Greenhouse and Energy Data Officer relating to the greenhouse gas emissions, energy production and energy consumption from the operation of facilities under the operational control of the corporation and entities that are members of the corporation's group, during that financial year	N/A	NGERs report is not required as no emissions have been released as no work has commenced

3. Overall performance

3.1. Overview of performance

Table 5 provides a summary of the results of the performance assessment.

Table 5: Performance summary

Performance Status	Number	Percentage
Compliant	7	10%
Not Compliant	0	0%
Not Applicable	64	90%

3.2. Overview of non-compliant items

Refer to Section 3.11.2 of the AEPR Guideline for further guidance.

Table 6 describes:

- the specific compliance requirements not met for the reporting period
- an analysis of the possible potential environmental harm or impact to environmental values resulting from non-compliance, using multiple lines of evidence
- a summary of the corrective actions already implemented, and further actions still required, as applicable, to ensure compliance is fully achieved in the future.

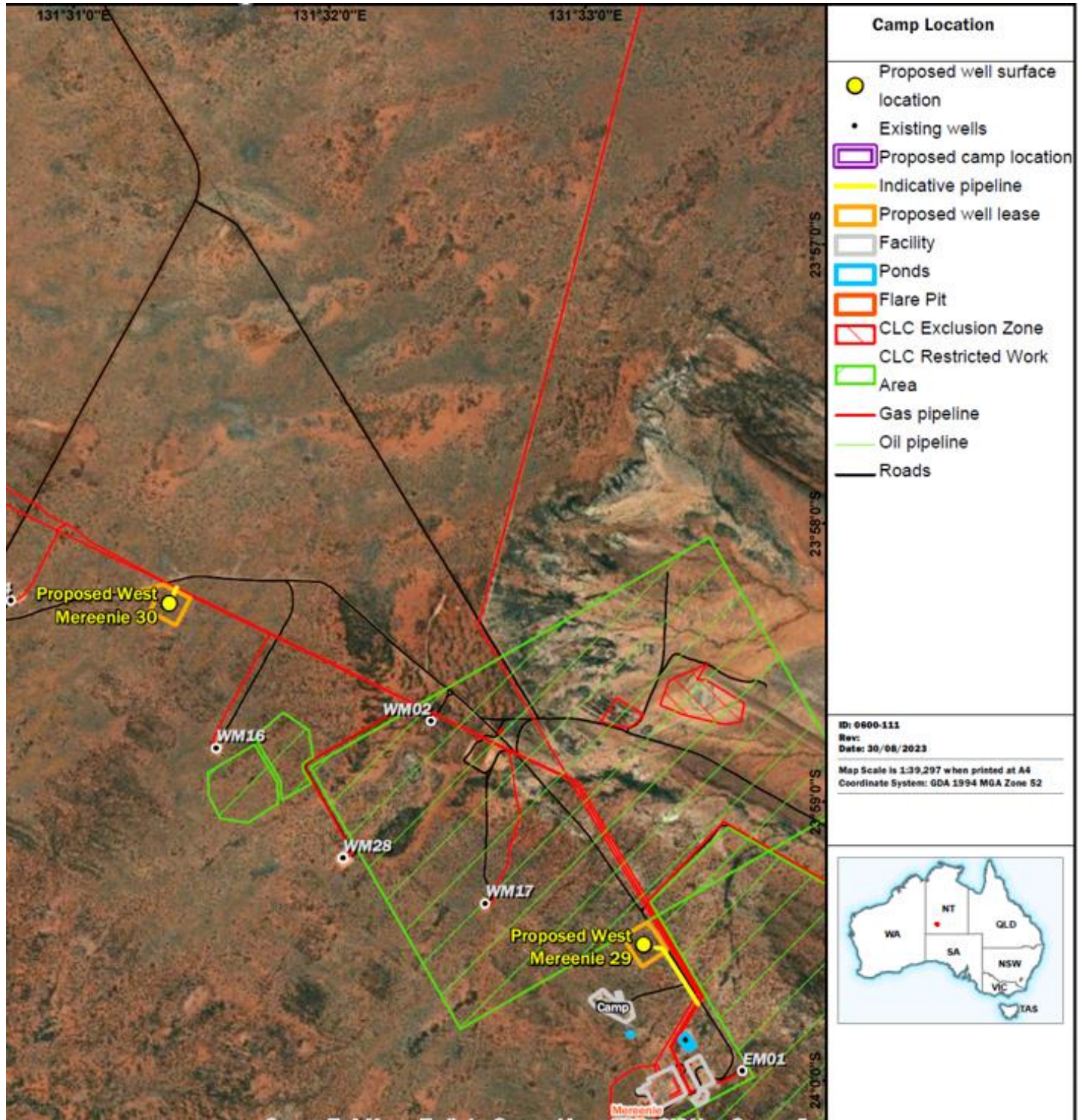
Table 6: Overview of non-compliance

Overview of non-compliance		
1. Ministerial approval conditions		
1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Non-compliance with ministerial approval conditions? If yes, complete the sections below. If more than one instance, copy the rows below for each condition not met. If no, proceed to 2. Environmental Outcomes
2	Condition # and requirement	
3	Summary of non-compliance	
4	Evidence used to detect non-compliance	
5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Environmental harm arising from non-compliance If yes, complete section below. If no, proceed to row 7.
6	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	
7	If no, describe how determined no impact	
8	<input type="checkbox"/> Yes	Administrative non-compliance
9	If yes, describe nature of non-compliance	

10	Immediate corrective actions implemented	
11	Future corrective actions to prevent reoccurrence	
2. Environmental outcomes		
12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Non-compliance with environmental outcome?</p> <p>If yes, complete the sections below. If more than one instance, copy the rows below for each outcome not complied with.</p> <p>If no, proceed to 3. Environmental Performance Standards</p>
13	Outcome	
14	Summary of non-compliance	
15	Evidence used to detect non-compliance	
16	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Environmental harm arising from non-compliance</p> <p>If yes, complete section below.</p> <p>If no, proceed to row 18.</p>
17	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	
18	If no, describe how determined no impact	
19	<input type="checkbox"/> Yes	Administrative non-compliance
20	If yes, describe nature of non-compliance	
21	Immediate corrective actions implemented	
22	Future corrective actions to prevent reoccurrence	
3. Environmental performance standards		
23	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<p>Non-compliance with environmental performance standard?</p> <p>If yes, complete the sections below. If more than one instance, copy the rows below for each environmental performance standard not complied with.</p> <p>If no, proceed to 4. Regulatory Reporting or Record Keeping</p>
24	Environmental performance standard	
25	Summary of non-compliance	
26	Evidence used to detect non-compliance	
27	<input type="checkbox"/> Yes <input type="checkbox"/> No	<p>Environmental harm arising from non-compliance</p> <p>If yes, complete section below.</p> <p>If no, proceed to row 29.</p>

28	If yes, describe nature and scale of impact and actions to remediate and rehabilitate	
29	If no, describe how determined no impact	
30	<input type="checkbox"/> Yes	Administrative non-compliance
31	If yes, describe nature of non-compliance	
32	Immediate corrective actions implemented	
33	Future corrective actions to prevent reoccurrence	
4. Regulatory reporting or record keeping		
34	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Non-compliance with regulatory reporting or record keeping? If yes, complete the sections below. If more than one instance, copy the rows below for each regulatory reporting or record keeping regulatory requirement not met. If no, proceed to 5. Monitoring
35	Reporting or recording requirement	
36	Summary of non-compliance	
37	Evidence used to detect non-compliance	
38	Corrective actions implemented to improve reporting and record keeping	
5. Monitoring		
39	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Non-compliance with monitoring requirements? If yes, complete the sections below. If more than one instance, copy the rows below for each monitoring requirement not met.
40	Monitoring requirement	
41	Summary of non-compliance	
42	Evidence used to detect non-compliance	
43	Corrective actions implemented to ensure compliance with monitoring requirements	

Attachment 1: Location of Development Wells in Mereenie



Attachment 2: Regulated Activity Gantt Chart

Regulated Activities	Timetable											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Mereenie WM 29/30												
Construction of two well access tracks										-	-	-
Construction of two well sites										-	-	-
Construction of two lined drilling sumps										-	-	-
Construction of two lined turkey nest for freshwater storage for drilling operations										-	-	-
Construction of two temporary clay lined, hydrotested flare pits										-	-	-
Construction of two lined drains / trenches from the temporary HDPE inflatable bund around the mud tanks to direct potential overflow to the flare pit										-	-	-
Construction of two machine-compacted and bunded chemical storage areas										-	-	-
Construction of two cellars to house the well head and Blow Out Preventers										-	-	-
Installation of temporary fencing at the well site work areas, drilling sumps and flare pit and water storage areas.										-	-	-
Installation of signage at well sites.										-	-	-
Temporary fencing for an STP effluent irrigation area at the proposed campsite location.										-	-	-
Development of fire breaks / fire management zone around each well site.										-	-	-
Use of borrow pits as required for well site construction										-	-	-
Vegetation clearing to accommodate civils.										-	-	-
Site mobilisation and demobilisation										-	-	-
Drilling of WM29 and WM30										-	-	-
Installation of surface well barriers										-	-	-
Isolation of aquifers										-	-	-
Installation of new well head equipment										-	-	-

Regulated Activities	Timetable											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Installation of gathering / flow line pipework										-	-	-
Integrity testing of surface well barriers										-	-	-
Integrity testing of subsurface well barriers										-	-	-
Annular pressure monitoring										-	-	-
Visual inspection and general well surveillance										-	-	-
Venting and flaring										-	-	-
Suspension										-	-	-
Decommission										-	-	-
Testing and in situ burial										-	-	-
Rehabilitation										-	-	-
Closure planning										-	-	-
Mobile / temporary camp accommodation										-	-	-
Waste and wastewater handling										-	-	-
Power generation										-	-	-
Water supply										-	-	-
Chemical storage and handling										-	-	-

Legend

Executed	✓	Not executed	✗	No activity	-
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