

Quarterly Recordable Environmental Incident Report

Palm Valley Gas Field – Environment Management Plan

The following information has been compiled on behalf of interest holders to satisfy the reporting requirements for recordable incidents under Part 3, Division 1, Regulation 35 of the *Petroleum (Environment) Regulations 2016* for the period 1 July to 30 September 2023.

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|--|---|--------------------------------------|---|---|---|
| Nil Incident Report <input type="checkbox"/> | | | | | |
| Interest Holder Name: | <ul style="list-style-type: none"> ▪ Central Petroleum (NT) Ltd ▪ NZOG Palm Valley Pty Ltd ▪ Cue Palm Valley Pty Ltd | Title holder business address | <ul style="list-style-type: none"> ▪ 369 Ann Street Brisbane Qld 4000 ▪ Sydney NSW 2000 ▪ Melbourne VIC 3000 | Title of environmental management plan for the activity: | Palm Valley Gas Field – Field Environmental Management Plan |
| Activity type: | Production | Quarter, Year | Quarter 3, 2023 | Title details: | Operating Licence 3 |

SUMMARY OF RECORDABLE INCIDENTS UNDER SEC 35 PETROLEUM (ENVIRONMENT) REGULATION 2016

| Incident date and time | All material facts and circumstances | Environmental outcome(s) and/or performance standard(s) breached or environmental impact or risk not specified in Approved EMP | Immediate action taken to avoid or mitigate any adverse environmental impacts of risk of the incident, including actions to stop or control the incident | Corrective action taken, or proposed, to prevent similar incident occurring in future |
|------------------------|--|--|--|---|
| 27 July 23 / 19:30 | When completing a regular inspection an Operator noticed a unusual noise coming from Compressor 2. The unit was immediately shut down and upon investigation it was identified that a pilot balance line on Pressure Safety Valve (PSV) 2104 had failed. The release resulted in approximately 12,995 Sm ³ of gas being released. | <ul style="list-style-type: none"> ▪ No uncontrolled gas release. | <ul style="list-style-type: none"> ▪ The Compressor was immediately shut down once the leak was detected. | <ul style="list-style-type: none"> ▪ The PSV pilot line was replaced, and the assembly was inspected and fastened to the PSV body. ▪ Review the inspection frequency and process for PSVs and update as required. |
| 21 Sept 23 / 08:47 | When completing a regular inspection an Operator heard noticed an unusual noise coming from Compressor 2. Upon closer | <ul style="list-style-type: none"> ▪ No uncontrolled gas release. | <ul style="list-style-type: none"> ▪ The compressor was shut down immediately. ▪ VVCP seals replaced. | <ul style="list-style-type: none"> ▪ Two design change options are to be tested in service. Both trial design changes focus on |

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| | <p>inspection it was identified that the Variable Volume Clearance Pocket (VVCP) seal failed on cylinder 1. The release resulted in approximately 379.9 Sm³ of gas being released.</p> <p>The problem has been identified as a combination of premature primary seal ring wear and deformation which is occurring in high compressor discharge pressure service. This results in inadequate pressure reduction being obtained across the primary seal pressure reduction / cut locations.</p> | | | <p>improving the piston primary seal ring robustness.</p> <ul style="list-style-type: none"> ▪ MoC has been undertaken and approved for each trial seal implementation. |