

## Morning Report PNR1z

| <b>Management System:</b> | HSE                  | <b>File Name:</b>               | 063_PNR1z_09.12.18_RMR         |                      |
|---------------------------|----------------------|---------------------------------|--------------------------------|----------------------|
| <b>Approver:</b>          | Senior Geoscientist  | <b>Version No:</b>              | 2                              |                      |
| <b>Reviewer:</b>          | Frac Manager         | <b>Date of Issue:</b>           | 10 <sup>th</sup> December 2018 |                      |
| <b>Author:</b>            | Senior Frac Engineer | <b>Proposed date of Review:</b> | n/a                            |                      |
| Version                   | Section              | Revision Information            | Date                           | Reviser              |
| 0.1                       | All                  | Draft Publication               | 10/12/2018                     | Senior Frac Engineer |
|                           |                      |                                 |                                |                      |
|                           |                      |                                 |                                |                      |
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|                           |                      |                                 |                                |                      |

*Documents are reviewed as per proposed review date, or sooner if a significant change to the operation has taken place, to ensure relevance to the systems and process that they define.*

## Summary

Overview of day's operations (midnight to midnight):

- No fracturing performed.
- Immediate post-frac flowback performed
- Induced seismicity - none
- No red line boundary breached

## Injection Summary

- None

## Well Integrity Status

- No change

## Seismicity of Note

- None

## Update to Stress Magnitude

- No update to stress magnitude as closure was not observed
- $S_{Hmin} = 0.0148$  MPa/m