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Class VI Injection Well Application

Attachment 04: Injection Well Construction
40 CFR 146.82(a)(9), (11), and (12)

Dragon Project
Tazewell County, Illinois

13 January 2025

Project Information

Project Name: Dragon

Project Operator: Vault Dragon CCS LP

Project Contact: Scott Jordan, Project Manager
Vault Dragon CCS LP
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Phone: 713-930-4401

Dragon Injection Well 1 (DRG INJ1) Location:

Tazewell County, Illinois

Latitude: 40.45742° N

Longitude: 89.74468° W

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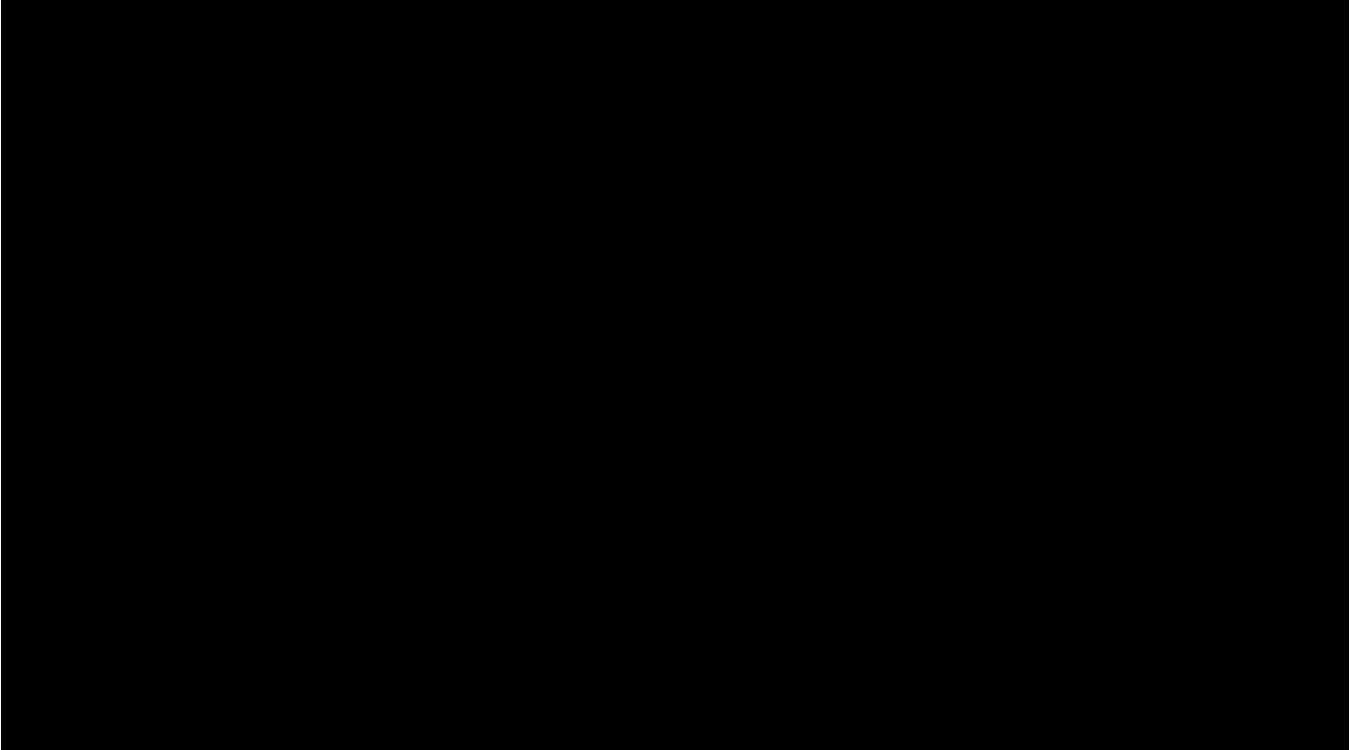
List of Acronyms and Abbreviations

API	American Petroleum Institute
CCS	carbon capture and sequestration
DRG INJ1	Dragon Injection Well 1
PBI	proprietary business information
psi	pounds per square inch

The construction details for the Dragon Injection Well 1 (DRG INJ1) are described in this attachment. Note that all depths in this document are relative to ground level. Any adjustments to the reference datum will be made upon resubmittal of this document following the installation of the project wells.

1. Injection Well Construction Details

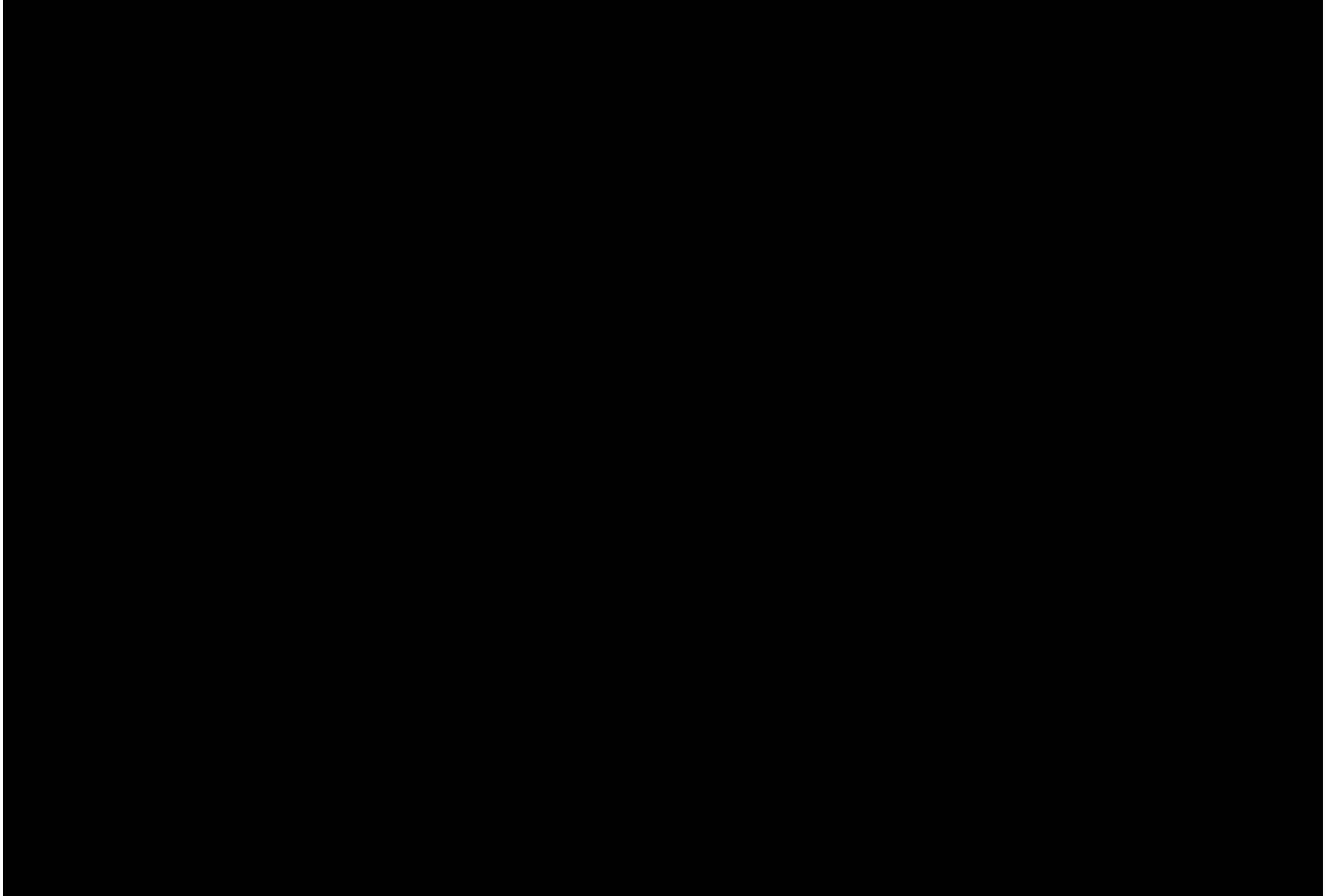
Table 1 describes the DRG INJ1 openhole section diameters and intervals. Table 2 outlines the casing specifications. Table 3 contains information regarding the tubing specifications, and Table 4 displays the packer specifications.



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2. Injection Well Construction Diagrams

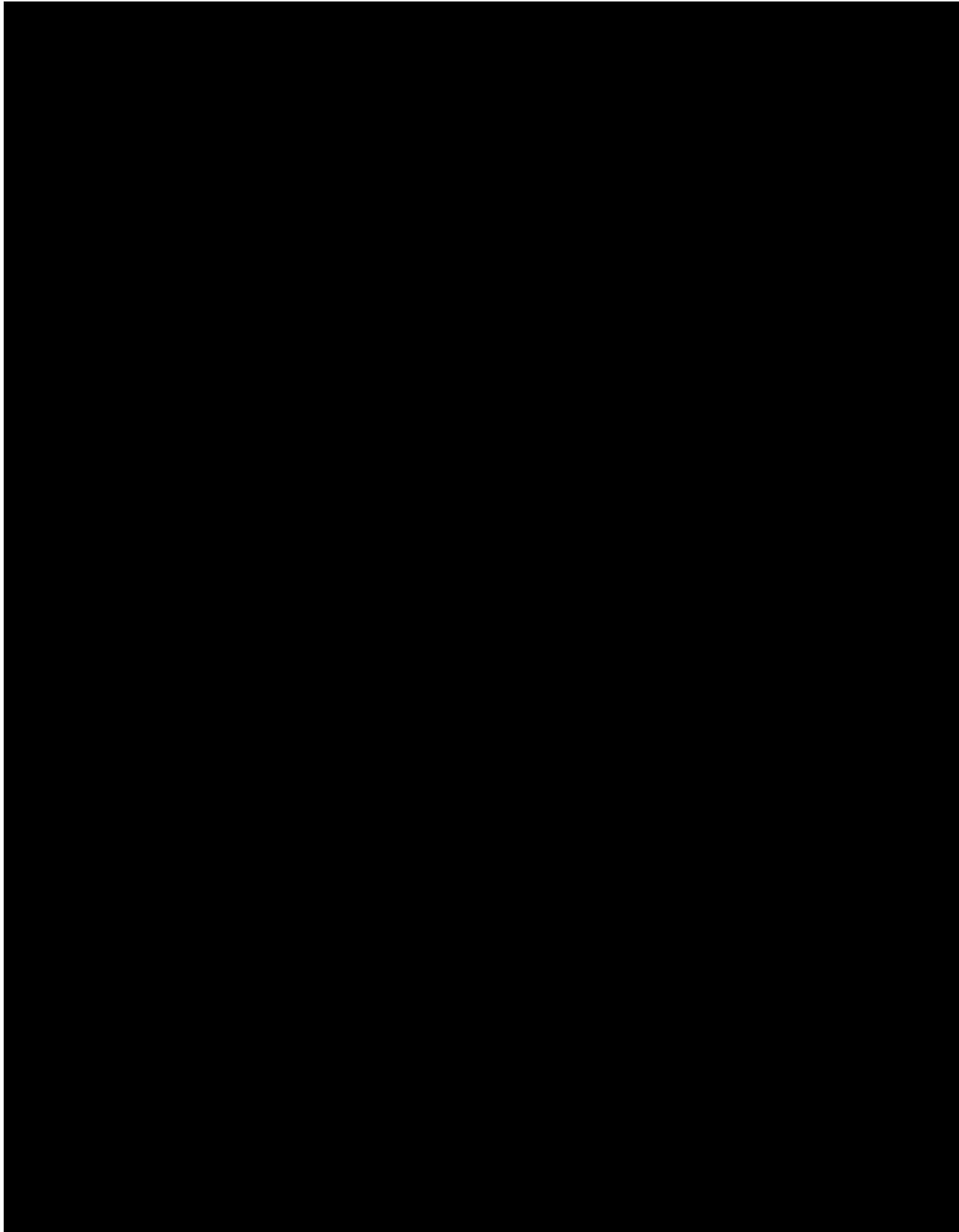
This section provides the following figures:

- Figure 1: DRG INJ1 well construction proposed schematic.
- Figure 2: DRG INJ1 injection wellhead proposed schematic
 - Note: the flowmeter is not displayed on the wellhead schematic as it will be located upstream of the wellhead at the pipeline header
- Figure 3: DRG INJ1 contingency well construction proposed schematic
- Figure 4: DRG INJ1 contingency wellhead proposed schematic
 - Note: the flowmeter is not displayed on the wellhead schematic as it will be located upstream of the wellhead at the pipeline header

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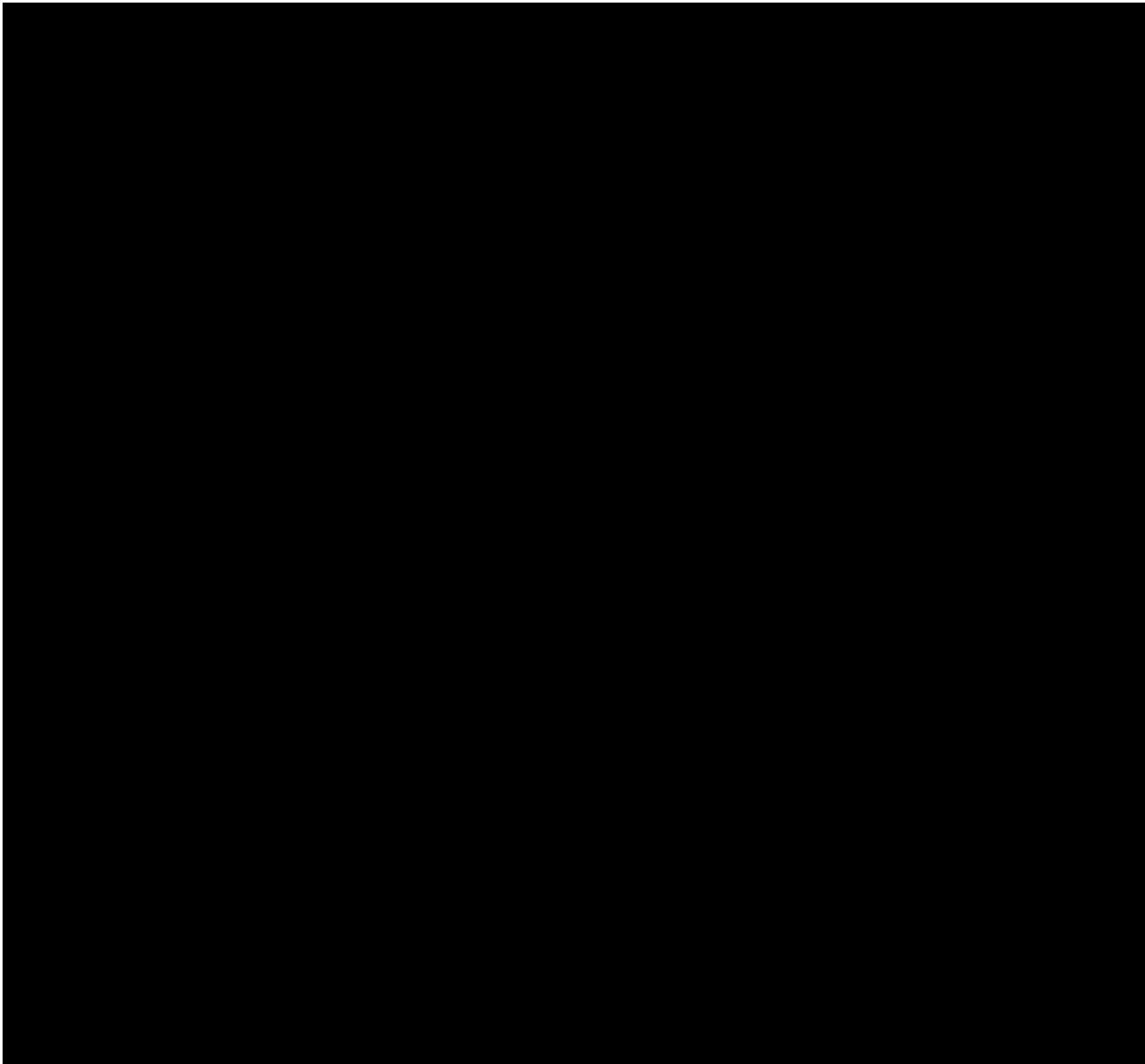
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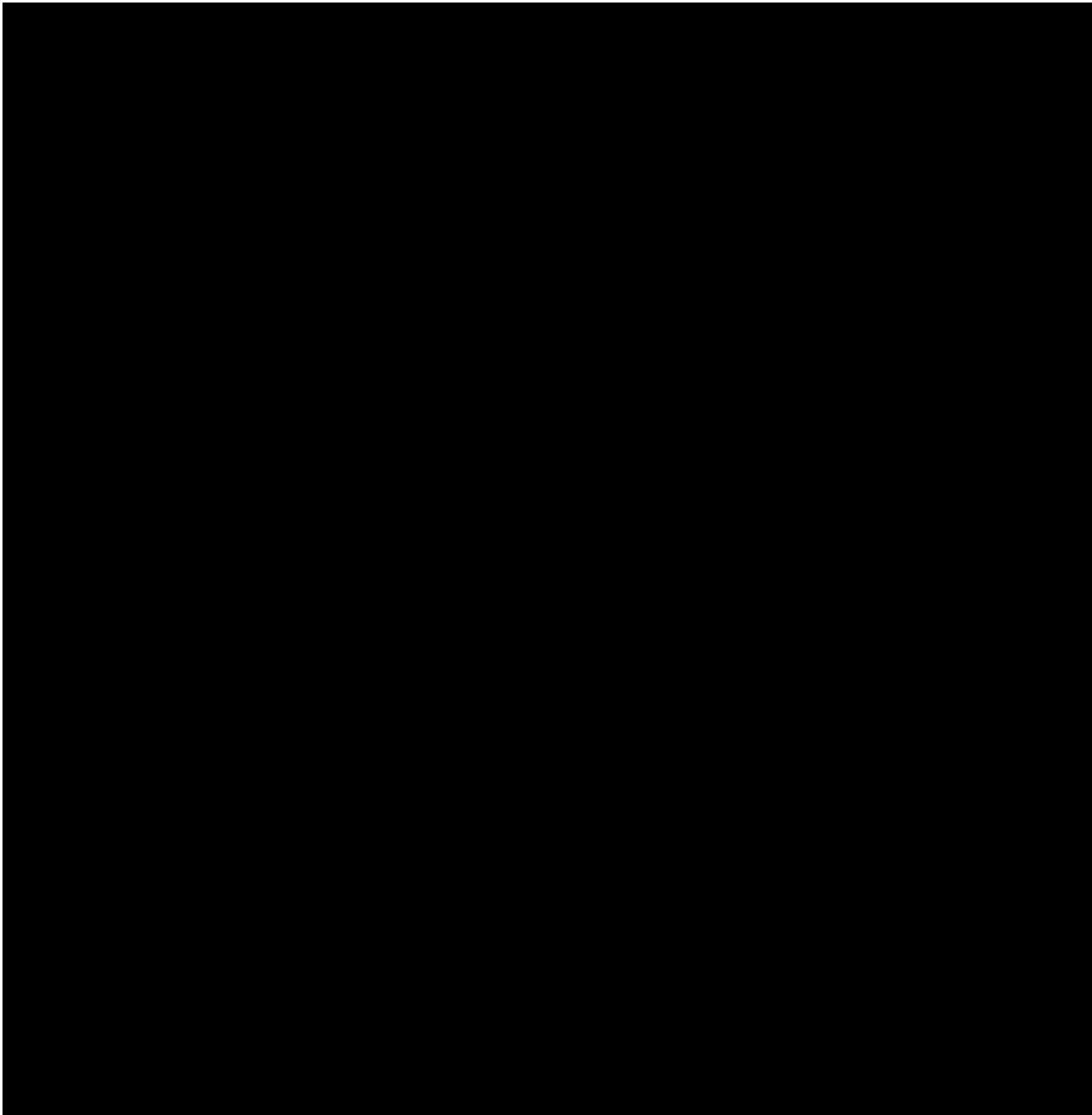
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3. References

There are no citations or references in this document.