

**Legend**

- Proposed Well Locations**
  - Injection Well (Green Circle)
  - Above Zone Monitoring (Yellow Circle)
  - Shallow Water Well Monitoring (Light Green Circle)
  - Stratigraphic Test Well (Palo Alto RPN-S #1) (Orange Circle)
- Well Used for Petrophysical Analysis** (Purple Square)
- Active Injection Well** (Green Square)
- Active Producing Oil & Gas Well** (White Square)
- Plugged and Abandoned/Inactive/Dry Oil & Gas Well** (Grey Square)
- Orphan Oil & Gas Well** (Light Blue Square)

- Well Used for Petrophysical Analysis** (Purple Square)
- Other Oil & Gas Well** (Yellow Square)
- Active USDW Well** (Blue Circle)
- Plugged and Abandoned/Inactive/Destroyed USDW Well** (Grey Circle)

Interpreted faults projected from midpoint of the fault plane from the geologic model. Faults projected to surface for spatial communication.

Fault section interpolated between seismic lines, outside of well control, or inferred from regional knowledge

- Modeled CO<sub>2</sub> Plume Extent** (Pink Shaded Area)
- RPS Storage Site** (Black Rectangle)
- Parish Boundary** (Black Line)
- Area of Review** (Yellow Shaded Area)

Basemap Source:  
NAIP Imagery Hybrid



0

1.5

Miles

**Modeled CO<sub>2</sub> Plume Extents**  
Ascension, Assumption and Iberville Parishes  
Area of Donaldsonville, Louisiana



**Figure**  
**2-1**

RPS Project

October 2025

