

Abandoned and Orphaned Oil & Gas (AOOG) Wells



Proper plugging and abandonment of wells protects communities and reduces methane emissions.

Groundwater & Environmental Services, Inc. (GES) has a long history of executing work under State and Federal contracts, as well as our national, commercial oil and gas operators. GES is a privately owned company founded in 1985, and has approximately 420 employees in 29 offices and 26 satellite locations. We have geologists, engineers, scientists, air quality specialists, ecological specialists, project managers, and hands-on technical specialists, with 80% of our technical and operations staff in the field each day.

GES employs QMS certified staff who are equipped with state-of-the-art methane measurement equipment. GES has designed and commissioned several flux chambers and integrated high-flow field sampling instruments into the GES methane quantification processes.

We are experienced with working around oil and gas operations and infrastructure and understand that abandoned and orphaned well assets bring unique challenges, which GES' attention to health and safety allow us to safely and efficiently execute AOOG well services. GES' AOOG Well Team is currently executing multiple state contracts and private commercial landowner projects supporting methane measurement, environmental investigation, and well locating services.

GES also ensures compliance with state program requirements, as well as federal funding requirements under the Infrastructure Investment and Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law (BIL), and the Methane Emissions Reduction Program (MERP).

Service Capabilities

Methane monitoring by Qualified Measurement Specialist (QMS):

- Presence/absence
- Quantification at ground level and via sUAS (drones)

Well location via:

- Public records search
- Ground magnetometry
- sUAS magnetometry

Due diligence

Historical records review

Well ranking

Biological/ecological surveys

Permitting

Naturally Occurring Radioactive Material (NORM) screening

Well pad reclamation

Environmental Justice (EJ) screening

Site investigation/remediation

Waste management, logistics, and reporting

Voluntary Carbon Markets

- ACR
- BCarbon
- CarbonPath