



Orphan and Abandoned Oil and Gas Wells in PA

Leveraging Citizen Science to make a
difference in an overwhelming
problem

The Stats

- 200,00 to 300,000+ Orphan and Abandoned wells in PA
- ~12,000 approximately located
- 2,000+ precisely located (DEP)
- 4+ Organizations searching

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 - > Marcellus Matters!

Why should we (and citizens) care?

- Water quality
- Air quality
- Homes – health and safety, remediation, property value
- Modern oil and gas infrastructure
- Impacts on recreation

Role of Citizens

- Collaborations with community groups
- Boots on the ground
- Legacy knowledge
- Reconnaissance research

Community Groups



Boots on the Ground



Research!



+ Shale Network

- Water quality!!!





What do we need?

- Data Repository
- Streamlined field observations
- Communication between orgs