

Data as a Differentiator

Occlusion Solutions Data Platform provides several significant advances over the traditional approach to decommissioning oil and gas wells. We separate ourselves by focusing on this as the driver in our process and not just an after-effect that may be required.

How to use data in Decommissioning Oil & Gas Wells:

01

Real data on what is coming from the ground and going into the atmosphere measured five ppm across 16 gases.

02

The volumetric flow of that data is then quantifiable to provide an auditable measurement of its environmental impact.

03

Prioritized ranking of those measured wells based on regulatory and Occlusion algorithms.

04

Adjacency planning to maximize rig time and impact to remediating these wells based on proximity.

05

Post Remediation Monitoring to validate a successful plugging operation that continues for the monitoring requirements using the exact ppm measurements.

06

Data transfer to any required regulatory body, accreditation agency, or public, private portal.

07

Occlusion C6Vault platform and process for Carbon Credit exchange and monetization

- Data Capture of all required elements
- Registry approval and certification
- Market evaluation and value attainment
- Data Capture of all required elements
- Transaction processing
- Immutable ledger and transparency in all aspects, from creation to retirement
- Required post-plugging validations to maintain the integrity

08

Continuous prioritization based on evolving data set new data sets from monitored wells:

- 30 days of data to establish an auditable data set
 - Monitoring kits are moved every 30 days for pre-plugging data qualifications.
 - Post Monitoring kits are installed by the plugging crew and picked up by the reclamation team after post-monitoring conditions are met.
- Data added to C6Vault to provide continuous data requirements.

