2017 – 2018 GWPC - RBDMS Initiatives
State Participation in GWPC Projects
RBDMS Projects

- RBDMS Data Explorer
- RBDMS Cloud
- Cyber Security
- Field Inspection
- Electronic permitting and reporting
- AOR/UIC
- California
- Ohio
- Arkansas
- Oklahoma
- Utah

- Wyoming
- North Dakota
- Michigan
- West Virginia
- New York
- Kentucky
- Seismic App
- WellFinder App/National Oil and Gas Gateway
- Training
Goals and Objectives

✓ Ease of use for administrators, geologists, engineers, field staff, data entry, researchers, general public
✓ More spatial querying capabilities
✓ More reports
Many states have their own cloud but:
- Costs can be high
- Bureaucracy can be difficult for service and support

Using Cloud services like Azure can provide:
- Known predictable cost
- Reliable backups and disaster recovery
- Keep RBDMS up to date with common service and support
RBDMS eForms

- Operator ability to file regulatory forms online
- Automate the agency review process
  - Error validation
  - Workflow through various work units
  - Alerts to operators and agency staff
- Better data security and accuracy
RBDMS Integration Services

- Operator submitted incident reports
- Trigger Field Inspection
- Field Inspection form creates detailed observations
- Non-compliance records from inspections are created
- Non-compliance records are tracked for abatement timing
- Enforcement process is logged and tracked
- Workflow processes alerts users for action required
Questions