



# UNDERGROUND GAS STORAGE

## OPERATIONAL INTEGRITY ASSURANCE

RCP Inc has earned a worldwide reputation for providing professional engineering services and regulatory expertise to oil and gas operators including underground gas storage in depleted reservoirs, salt caverns and aquifer storage facilities.

We have THE RESOURCES and the TOOLS to assist clients build and implement a comprehensive operational integrity management program in response to the recent PHMSA Interim Final Rule on underground gas storage.



### Experienced Resources

- Highly respected underground storage & risk management SME's
- Professional Engineering support
- Experienced technical standards developers
- Regulatory Expertise

### Proprietary Asset Management Tool

- Gap assessment protocols
- Risk analysis program
- Workflow & asset management



Over the last 20 years, RCP experts have developed a comprehensive assessment protocol that includes a asset and task management system that delivers 100% traceable, verifiable and complete records and a NEW risk analysis model that can be tailored to meet any operator's risk metrics sensitivity to potential threats and consequences unique to their assets.



## Asset & Task Management System

### Gap Analysis / Effectiveness Evaluation

- PHMSA IFR Safety of Underground Natural Gas Storage
- API RP 1171/1170
- PHMSA Advisory Bulletin (ADB-2016-02)
- State-Specific Operations & Integrity Standards

### Process Development/Improvement

- Storage Risk Management Plan
- Site-Specific Operations & Integrity Standards
- Key Performance Indicator Development

### NEW! Risk Analysis Model

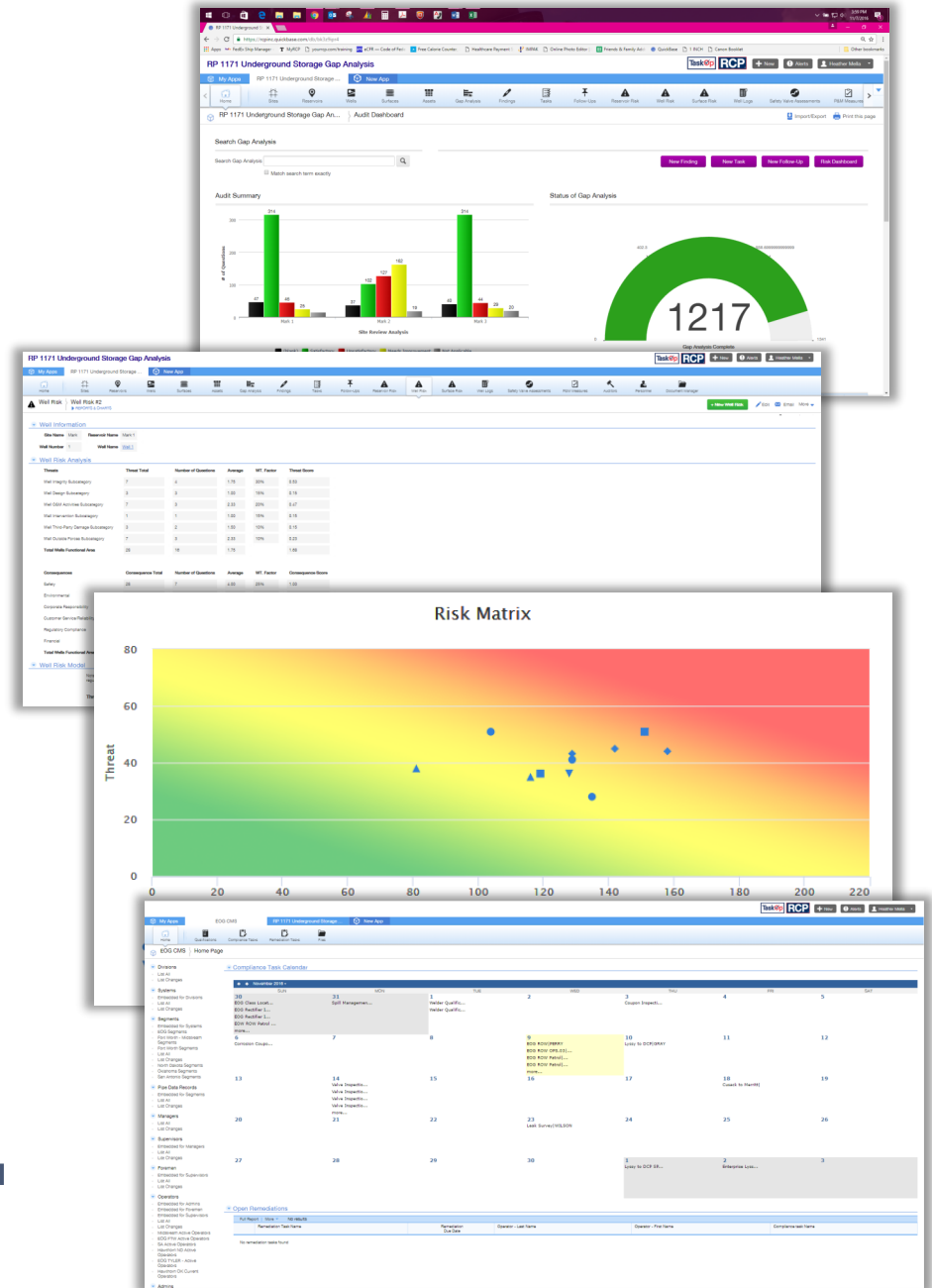
- API RP 1171
  - Configurable to client and/or state needs
- Deterministic Approach
  - SME / Documentation
  - Data (ex. Well Log)
- Captures Documents Used in Risk Analysis & Sub-surface Safety Valve Assessment Tools
- Customizable Queries & Reporting

### Assert Integrity Assessment Tracking and Remediation Progress Tracking

- Schedule and Progress Reporting
- Integrity assessment, repairs & PM activities
- Data Capture & Analysis
- Well log comparison (ex. corrosion rate)
- Documentation Linkage to Work Activity
- Asset Change Management

**When it comes to Integrity RCP delivers 100% traceable, verifiable and complete records.**

For more information or free demo contact  
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**PROFESSIONAL ENGINEERS. REGULATORY EXPERTS. TRUSTED PARTNERS.**