



# Managing Data in the Petroleum Industry

## Big Picture™ for the Petroleum Industry

Amerada Hess, a Fortune 100 petroleum company, utilizes this software to inventory their production pipelines and analyze risk. Every asset in the system is assigned a risk score. Those scores are used to compile a risk analysis report.



“Our goal in pursuing this system is to minimize spills. Big Picture provides information to aid us in managing our production lines and risks. Our intent is to identify and manage those risks. AHC strives to be better stewards of the land. Social responsibility and landowner relations are key values to our operation.”

**Gary Johnson**  
Senior Environmental Specialist  
Amerada Hess Corporation



From managing inventory and documents, to performing risk analysis, Big Picture™ provides the tools you need to succeed.



# Managing Data in the Petroleum Industry

Provides critical data to the field, supervisors, & management

## Inventory Control

Manage oilfield data in a real-time, secure online database environment.

- Keep Records for each Pipeline or Asset in the Field
- Store Historical Positional Data
- Track Historical Changes to each Asset
- Mine Data on Production Volumes, Line Types, & Leases
- Default & Custom Reporting
- Export to Office products (Word, Excel, etc.)
- Manage Line Types such as Disposal, Flowline, Freshwater, Gas
- Manage Gathering, Injection, Vessels, Treaters, & Heaters

## Document Repository

Manage documents in a secure intranet/extranet for staff, board, customers, partners.

- Control the Security of Documents
- Notifies groups of New Documents
- Upload from Desktop All Types of Documents
- Documents are Stored Related to Assets
- Store Images, Notes & Maps Centrally
- Automatically Convert Word, Excel, Autocad to PDF on Upload

## Spills Reporting & Analysis

Create and store data-driven spill reports for future analysis to help prevent spills before they happen.

- Store Spill Reports with Asset Inventory
- Submit Directly to NDIC
- Standard Forms
- Customize Your Own Forms

## Security

Hierarchical Segmentation of data, stored & maintained by our professional support staff.

- User-Level, Area-Level, Field-Level Security

## Pipeline Risk Analysis

Analyze inventory assets on associated risk factors.

- Risk-based Ranking on Limitless Factors
- Store Risk Factors for each Asset
- Manage Risk Factors' Values
- Mine Data on Risk Factors Data

## Historical Data Storage

Keep records of pipeline inventory indefinitely to aid future analysis and prioritization.

- Data storage and maintenance is provided by our professional support staff

## Environmental

Supports environmental programs.

- Utilized in addition to SPCC Plans

## Operations

Business services to enhance your operations at every step of your project.

- Implementation Consulting
- Custom Development
- Project Management & Business Analysis
- Support & Training



Our customization gives you only the options you need!