

Efficient reserves management as the key to company's continuous development with OIS Reserves

Each modern upstream company recognizes that its hydrocarbon reserve base needs systematic science-based management.

OIS Reserves solution enables you to:

- Assess the potential of assets the company is bidding for
- Select company's optimum share in joint projects
- Optimize allocation of exploration budgets as part of petroleum project portfolio management
- Explore for hydrocarbons more efficiently using reliable standardized methods
- Analyze and assess company's resource base in a single information environment

Unbiased professional assessment of exploration targets' commercial potential combined with reliable estimation of reserves is the key to increasing capitalization.

CUSTOMER:



OIS RESERVES OFFERS AN UNBIASED AND RELIABLE ASSESSMENT OF EXPLORATION TARGETS



MODELING

- Integrate cycles of geological and economic modeling
- Geological modeling: evaluate probability of exploration success, estimate reserves for each exploration target
- Economic modeling: take account of macroeconomic indicators, tax regulations and incentives affecting the cost of the intended asset



ANALYSIS

- Build registry of the prospects to be included into your exploration portfolio
- Perform spatial location analysis of major petroleum accumulations and appraisal objects
- Analyze distribution of production, reserves, and resources across various stratigraphic units and company's subsidiaries



MONITORING

- Monitor prediction quality for each target based on reserves estimation, probability of success, and comparison against actual drilling results
- Monitor tax exempt criteria under the current tax legislation. Identify optimum qualifying conditions



PLANNING

- Identify, select and evaluate petroleum traps matured for exploration drilling
- Control availability of reserves for production, take timely measures to revise reserves
- Plan and monitor actions taken to estimate resources and reserves



PREDICTION

- Predict hydrocarbon reserves for exploration targets
- Store and compare multiple independent estimation results for better quality prediction



DATA CONTROL

- Analysis and control data accuracy through the whole cycle
- Display verified, checked and controlled indicators as ranges of possible values



COLLABORATION

Collaborative environment for multi-disciplinary teams involved in exploration targets appraisal and reserves monitoring.

KEY BENEFITS:

50%
teamwork
productivity
increase

70-80%
human facto
related errors
reduction

- Improved exploration efficiency combined with new exploration technologies
- Better quality of petroleum traps portfolio resulting in additional profit for the company
- Optimized capital allocation and ability to avoid investing in marginal fields

VALUE ACHIEVED BY:

- Coordinating reserves and resources management from a single control center
- Making better commercial decisions based on efficient science-based methods
- Implementing various risk analysis techniques based on statistics and probabilities
- Optimizing opportunity costs for company's exploration portfolio
- Performing immediate geotechnical and economic assessment of exploration targets and petroleum deposits
- Applying standardized risk analysis techniques
- Simplifying decision making related to reserves and resources estimation
- Creating a real collaborative environment for mixed-level multi-disciplinary teams transparent for each team member