Comprehensive industry-specific analytics for making strategic and operational decisions

with OIS Analytics

Information volume that any manager should analyze today for making a decision is growing constantly. At the same time decisions should be taken promptly to meet production and financial targets and ensure safety of operations.

Dozens of decisions made by various level managers on a daily basis are just as good as the analytics they are based on.

It is no secret that the key to reliable analytics is data quality. Yet it is equally important to look at relevant KPIs. With an incomplete or poorly selected set of performance indicators, one might overlook important aspects, dependencies, or deviations, which would result in a less-than-optimum decision.

OIS Analytics provides managers and experts with comprehensive set of carefully selected and detailed performance indicators and reports summarizing best practices and decades of experience with hundreds of oil companies that will help you to take decisions based on complete and exhaustive information.

OIS

OIS ANALYTICS — MEASURING A COMPREHENSIVE LIST OF PARAMETERS

GEOGRAPHY
Key performance indicators on an interactive map. Dynamic representation of leaders, outsiders and company highlights.

OPERATIONAL PARAMETERS
Analysis of oil/gas/condensate production and injection dynamics. View on additional supporting parameters (e.g., air temperature). Production forecast, trends and dependencies. Posting and viewing comments to particular data points (accidents, facilities start-ups, etc.)

PRODUCTION PROFILE ANALYSIS
Analysis of all the components making up production profile: base case production, gain from well stimulations/interventions, lost production by shifts with detailed causes. View on lists of wells responsible for production gain or loss, start-up/shutdown balance with evolution over time with 24-hour time step.

WELL STOCK ANALYSIS
Well stock dynamics organized by well type and status. Well stock based on water cut, oil/gas/liquid rate, injectivity, or all of these combined.

RESTRICTION MODEL
Analysis of production constraint components, such as geological, pipeline capacity, power supply, process constraints, each of them explained in detail. Constraint dynamics organized by company, business unit, or field.

PIPELINES
Pipeline condition monitoring, failure rate checks, root cause analysis and loss details.

FACTOR ANALYSIS
Factor analysis of oil production loss. Calculation and analysis of liquid and oil production loss caused by reservoir pressure change, downhole pump deterioration, water cut increase, skin factor, etc. Recommendations on intervention/stimulation activities. Analysis of impact of various factors change over time. Selection of well stock for analysis - general stock or well workover only.

WELL ANALYSIS
View on the whole near-wellbore area, charts of operating conditions, workovers, downhole equipment, detailed view on well design and well survey results including various logs.

KEY BENEFITS:

93% report generation process efficiency improvement

20% decision quality improvement

50% decision-making speed increase

VALUE DELIVERED BY:

- Detailed workflow for each level of upstream operations management
- Easy analysis, as deep and detailed as you want it, from any perspective
- Possibility of drill down to a single well level
- User-adjustable set of data for analysis and monitoring
- Alerts informing of any trends, changes or deviations in parameters
- High performance: it takes only a fraction of a second to display a page
- Excellent graphics and unparalleled user experience

CUSTOMERS:

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