
Intelligent Integrated Operations Management

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Companies have invested significant resources to achieve short term production rate optimization and improved long term reservoir management leading to enhanced recovery. Some of their investments have included automation technology, data storage and retrieval, as well as reservoir and well/network modeling. The industry has received incremental value from their investments as reflected in today's enhanced recovery rates. However, these new systems generate mountains of data and information. Upstream organizations have clearly struggled with managing not only the sheer volume of data now available from these assets, but presenting it in context to the right person in their organization at the right time so as to facilitate timely action and maximize benefit to the organization.

Industry pacesetters have recognized the value of Integrated Operations Management and are effectively tying these systems together, mining useful information from them and presenting manageable, actionable information to the appropriate user in support of defined business processes. Pacesetters are realizing significant production improvement as well as enhancing reservoir recoveries. Benefits in the range of 5% of current production and 2% enhanced recovery are being achieved today.
