

A photograph of two workers in safety gear at an oil field. One worker in a white hard hat and orange safety vest is looking at a laptop. The other worker in a yellow hard hat and orange safety suit is also looking at the laptop. In the background, there is an oil pumpjack under a blue sky with clouds. The text is overlaid on a semi-transparent white box.

# Rapid Improvement of Base Well Production

## Arresting Base Well Production Declines

Exploration and production (E&P) organizations have made extensive investments in their onshore assets.

These investments vary in size, maturity, and cost structures, with heavy focus on maximizing reservoir recovery using different subsurface and surface technologies.

But in the current oil price regime, profitable new investments are difficult to find. In this environment, renewed attention to base well production relative to wedge production is warranted.

Optimizing the returns on the investment in existing assets is critical to maximizing operating cash flow during the current oil and gas economic cycle.

Hitachi Consulting has helped many E&P organizations exploit their current asset investments to drive revenue and increase cash flow.

## Our program

### Our Program Does Not Depend on Incremental Capital Expenditures

- Maximizes base well production management capabilities
- Designs and implements cross-disciplinary solutions that integrate production surveillance and optimization
- Increases equipment maintenance effectiveness and reliability performance
- Enhances lease operating cost transparency and reduces operating costs per barrel

All of these results are achieved with a keen focus on compliance with environmental and safety policies.

Hitachi Consulting achieves significant and sustainable results, typically with no capital investment required by our clients, through:

- Establishing new paradigms for base well management
- Empowering field personnel to work through updated, integrated work processes
- Ensuring alignment of and collaboration between organizational functions
- Enabling highly reliable, efficient field maintenance operations

We achieve tangible results quickly, in part, by coaching and changing field behaviors that guide field and office personnel towards consistent application and disciplined use of the solutions implemented. Our typical results for various lifting technologies are shown below:

### Recent client example:

- 12% improvement in production at one field
- \$5 million cumulative incremental production margin within 6 months
- Benefits annualized at \$20 million
- No capital investment required
- ROI ratio of 18:1



## Why Hitachi Consulting?

Hitachi Consulting combines the skills and delivery capabilities normally found in a niche industry provider with the additional depth and breadth usually only found in a large global firm. It has been our deliberate aim to recruit only senior and experienced people into our company. Our consultants have an average of 10 years of experience in their chosen discipline, and many have worked for end-user customers, so they are experienced in delivering projects within large corporations. This approach means Hitachi Consulting is uniquely positioned to gain an in-depth understanding of the business issues your organization is facing and can design and deliver the most appropriate solutions to drive business and improved safety performance.

Hitachi Consulting's advantage lies in our ability to bring together the best people with the benefit of the frameworks and intellectual property developed from many successful projects. By deploying our tried-and-tested tools and methodology, we can harness your organization's internal intellect and execute complex operational implementation processes.

## About Hitachi Consulting Corporation

As Hitachi, Ltd.'s global consulting company, with operations throughout North America, Europe, the Middle East and Asia, Hitachi Consulting is a recognized leader in delivering proven business and IT strategies and solutions to Global 2000 companies across many industries. With a balanced view of strategy, people, process and technology, we work with companies to understand their unique business needs, and to develop and implement practical business strategies and technology solutions. From business strategy development through application deployment, our consultants are committed to helping clients quickly realize measurable business value and achieve sustainable ROI.

Its client base includes 35 percent of the Fortune 100 and 25 percent of the Global 100, along with many mid-market leaders. With offices throughout North America, Europe, the Middle East and Asia, Hitachi Consulting employs approximately 5,000 professionals across 12 countries with delivery centers in India (Bangalore, Pune and Hyderabad), China (Guangzhou) and the United States (Fargo, North Dakota) to offer global delivery scale. For more information, visit [www.hitachiconsulting.com](http://www.hitachiconsulting.com)

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Hitachi Consulting is a leading global professional services company and business integrator for the IoT era. We engage with clients to solve complex business challenges with innovative and integrated solutions across industries in the spirit of our parent, Hitachi, Ltd., a global leader in technology and social innovation.

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July 2017