

# OIS Well Workover



## CUSTOMER

- One of the largest **independent petroleum producers in Russia**, leader among Russian small and medium independents.
- Customer's core business is **discovery, exploration and development of petroleum fields** and license blocks in Eastern Siberia, including Irkutsk region, Republic of Sakha (Yakutia) and Krasnoyarsk region.
- The company is **steadily expanding its exploration and production activities**; it is dedicated to implementing cutting-edge solutions for production improvement, as well as developing HSE policies and practices.



## PROJECT GOALS

- Due to customer's aggressive production expansion and drilling program, and considering frequency of workovers performed on most wells, **customer required a solution for automated well workover planning and analysis.**
- Main goal of the project was to create an **integrated information system for everyone involved in planning, execution and analysis of well workover operations.**



OIS Well Workover addressed our major challenge which was automation of workover planning taking into account numerous parameters and dependencies, gathering data from various sources. It made things much easier for our experts and eliminated duplicate information streams.



Head of Production Department,  
Deputy Chief Engineer

## OUTCOMES

The project was implemented within **10 months** and brought significant economic benefits:

- **Minimized manual data entry** while documenting well workovers and putting together reports;
- Transparency of workover operations thanks to **integration of different experts in one information space**;
- Optimized paperwork and faster workover approvals thanks to **integrated workflow system** with control functions;
- Improved well workover monitoring thanks to **integration with control and measurement equipment**;
- **Minimized data loss** risk;
- Unified **reports**;
- **Online access** to all workover-related information.

Having seen the fast effects of OIS Well Workover implementation, the customer decided to build on this success and approved the roadmap for further solution rollout and expansion in 2017 - 2019.

This resulted in:

- **15-20%** reduction of crew downtime thanks to the introduction of ordering system for timely planning and booking workover equipment and spare parts requests, as well as involving well workover service companies;
- **Dramatic speed-up in operational and analytical reporting** (a few seconds instead of days and hours).

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## CUSTOMER

Major producer **in the North-Western region of Russia**, operating in the Republic of Komi and Nenets Autonomous Area. Customer's core business is geological surveys, exploration and production of hydrocarbons, downstream sales of oil, gas, and gas products, as well as oil and gas transport. Major producer in the North-Western region of Russia, operating in the Republic of Komi and Nenets Autonomous Area. Customer's core business is geological surveys, exploration and production of hydrocarbons, downstream sales of oil, gas, and gas products, as well as oil and gas transport.

## PROJECT GOALS

To implement a well workover management system in order to:

- **Automate business processes** for well workover and service jobs based on standard solutions;
- Supply top management with **reliable information** on essential workover performance indicators;
- Accelerate **decision-making**;
- **Standardize** calculations;
- Establish a **centralized repository** for well workover and service data;
- **Integrate well workover related business processes**;

## OUTCOMES

Key project benefits for the customer:

- **Minimized manual data entry** for workover management purposes;
- **Simplified analytical and consolidated reporting procedure** due to data collected at places of origin;
- Software solutions enabling **online workover job monitoring**;
- **Process transparency**;
- Electronic **document management**;
- **Reduced downtime and failure rate** by implementing and using a single data repository and information field for all professionals involved;
- **Reduced cost of productive time** (chargeable time) calculation.

