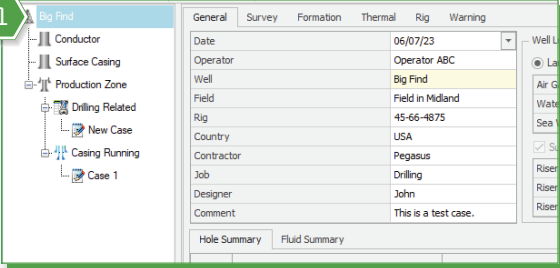
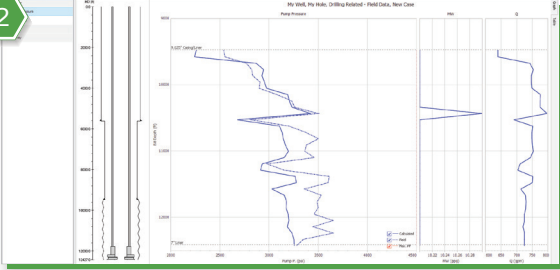
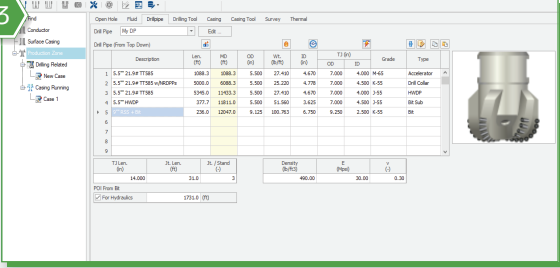
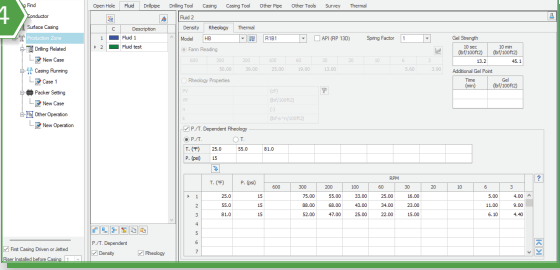
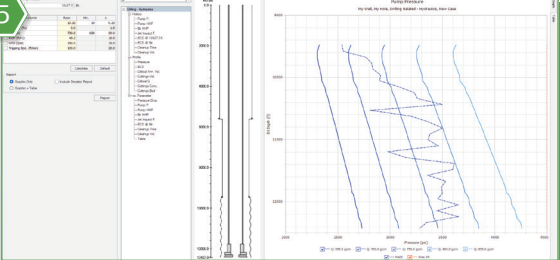


# Introducing HYDPRO Version 6.0.0

## Smarter, Faster, More Accurate

### What's New?

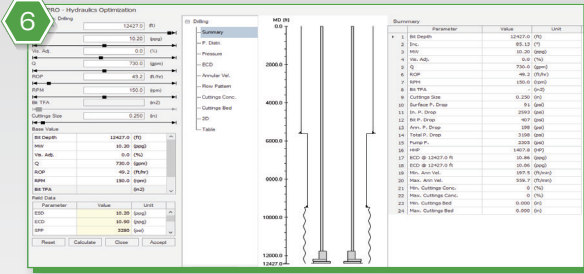
HYDPRO v6.0.0 marks a significant advancement in well engineering simulation. Designed with cutting-edge enhancements, this latest version delivers superior accuracy, efficiency, and decision-making power to your operations.

	New Feature	What It Does	Key Benefit	
1		<b>Hierarchical Well Structure</b>	Organizes case files into a structured four-level tree.	Streamlines well planning and improves data management.
2		<b>Enhanced Field Data Calculation</b>	Integrates real-time field data for hydraulics calculations.	Delivers highly precise and reliable simulations.
3		<b>BHA Pattern Database</b>	Stores drilling tools and casing assembly data.	Reduces errors and saves time during data-entry.
4		<b>Pressure &amp; Temperature Dependent Fluid Properties</b>	Simulates fluid behavior based on pressure and temperature variations.	Enhances modeling accuracy for complex well conditions.
5		<b>Hydraulics Sensitivity Analysis</b>	Assesses key parameters impacts on hydraulics.	Supports better key parameters deployment decisions.

## New Feature

## What It Does

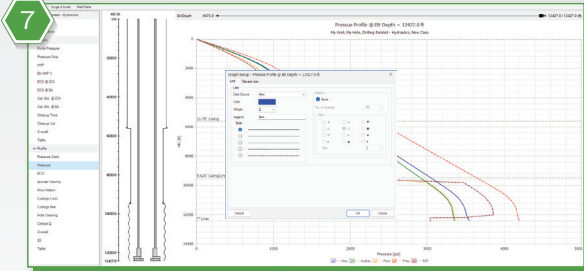
## Key Benefit



### Hydraulics Optimization

Provides built-in tools to fine-tune drilling operation designs.

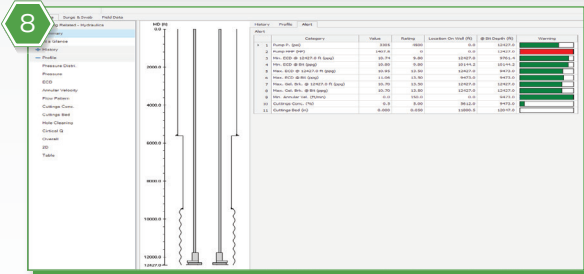
Automates optimization for peak performance and reliability.



### Fully Customizable Graph Settings

Allows users to adjust graph appearance, scales, labels, colors, and display options to suit their preferences or reporting needs.

Enhances user control and flexibility, improving data readability and presentation quality.



### Alert System

Notifies users when hydraulics thresholds are exceeded.

Prevents issues before they impact operations.

## Why Upgrade?

- **Enhanced Efficiency:** Advanced organization and optimized workflows reduce setup time and streamline execution.
- **Greater Accuracy:** Real-time field data integration and pressure-dependent fluid properties boost simulation precision.
- **Improved Reliability:** Optimized drilling operations and proactive alerts mitigate risks and prevent operational issues.
- **Cost Savings:** Minimized downtime and reduced errors lead to significant cost reductions.
- **Smarter Decision-Making:** Sensitivity analysis and real-time calculations provide insights for optimal well performance.

## Existing Major Features At-A-Glance

- Hydraulics calculations (pressure, ECD, hole cleaning, surge/swab)
- Field data comparison
- Hydraulics optimization
- 2D animation and multi-language interface
- Fully customizable graph settings

## Take Your Well Engineering to the Next Level!

The next generation of **HYDPRO** delivers the power, precision, and efficiency you need to optimize well operations. Upgrade today for a smarter, more effective approach to hydraulics simulation.

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