

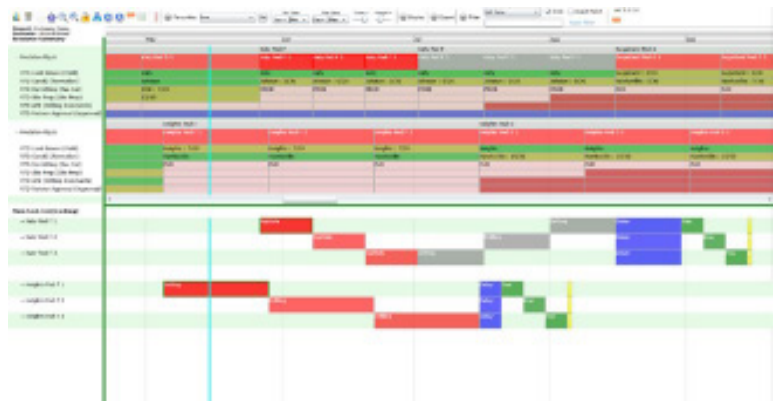
Deliver product start dates as planned

Are you certain you'll hit the production dates promised? Operations teams require visibility and control of activity schedules to meet production and stay within capital budgets. With activity levels constantly changing, it's becoming more and more difficult to design an efficient schedule that accurately incorporates all criteria including permitting, lease access, seasonal restrictions, resource availability, proximity restrictions, continuous drilling obligations and more.

Enersight™ equips operators with one comprehensive schedule to visualize current activity, track well status, easily make updates and stay confident of production schedules and estimates.

enersight™ provides operational agility

- Automatically build rig, frac crew and other schedules in one central Gantt Chart.
- Track well readiness to drill and overall schedule status daily.
- Monitor progress of permits, regulatory steps, well licenses and site restrictions.
- Make quick drag-n-drop updates to drill order, duration, or rig assignment in the Gantt Chart.
- See effect of daily schedule changes on production start dates and volumes.
- One schedule shared with operations, asset planners, facility, marketing and corporate teams.



Enersight: one cohesive, easy-to-update schedule to meet production targets and stay within capital budgets.

enersight™ Software – Petroleum Planning Intelligence

enersight™ is the petroleum industry's most comprehensive, integrated planning software that connects asset teams, corporate planners and operational teams enabling them to make the most competitive and cost effective development decisions at every stage of their business.

Where there is complexity – whether it's conventional economics for small drilling projects, operations for projects with thousands of wells, or unconventional projects – enersight's planning intelligence is invaluable for efficiency.

Case Study: How can I reduce impact of downtime on production?

OBJECTIVES

- Avoid unnecessary well shut-in, curtailment or delayed production start dates.
- Avoid downtime caused by miscalculating facility capacity and timing of expansion.

BACKGROUND

- Processing facilities require routine maintenance that reduce capacity at regular intervals.
- Even though maintenance events need to occur at specific times, other systems typically account for downtime as a fraction of total production capacity lost in a general period rather than modeling specific shut in days.
- Generalizing maintenance scheduling can result in miscalculations in facility capacity planning and lost opportunity to optimize production scheduling.

ANALYSIS

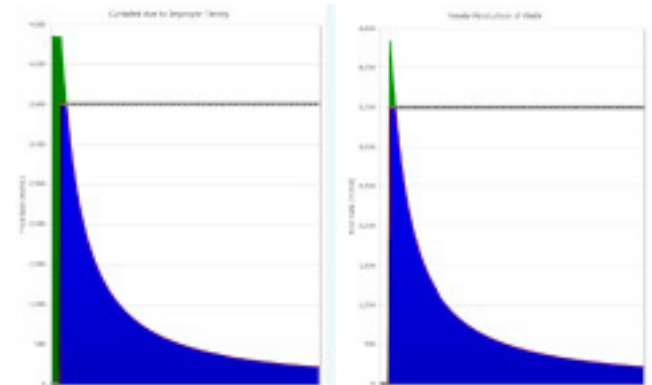
- enersight™ complete modeling captures all lease obligations so development plans can be easily created to meet all lease terms.
- Plans can be scaled back, still respecting lease obligations, so targeted savings are not lost in penalties.

RESULTS

- Avoid lease penalties in long-term planning and short-term decision making.
- Uncover, and factor into planning, thousands or millions of dollars of lease commitment that can put capital returns at risk.

| Operation | Duration | Acquisition (Production) | Acquisition (Storage) | Acct. Type | Party |
|---------------------|----------|--------------------------|-----------------------|------------|----------|
| Production in Block | 100 | 1.0 | 0.0 | Gas | Operator |
| Daily Gas Usage | 100 | 0.0 | 1.0 | Gas | Operator |

Downtime events can be scheduled specifically and accurately to reflect real events



Minimize well curtailment by accurately modeling available capacity

3esi • Enersight

3esi-Enersight is the world-leading provider of solutions for integrated strategy, planning and execution in upstream oil and gas.



Strategy & Portfolio

Headquarters
Canada, Calgary
+1.403.270.3270

Houston
+1.832.456.0000

Barcelona
+34.932.018.872



Business Planning

Oxfordshire
+44.7710.918.417

Dubai
+97.150.651.2403

Auckland
+64.2189.2823



Asset Development

Brisbane
+61.4.1961.0835

Bogota
+57.301.660.2811

Kuala Lumpur
+601.2.387.2647



Execution

Jakarta
+62.21.5703188

Beijing
+86.10.8441.1933

Moscow
+7.495.627.53.94