

Full Well Pad

Flexibility Meets Unparalleled Functionality

The PadHX-F is as exceptional as it is groundbreaking—the fully-realized end result of an uncompromising design made modular. Planted firmly within HIVE Innovations' HX System, our Full Well Pad provides a robust range of solutions with interchangeable modules, creating scalability and a highly-adaptable approach to meeting the operational, safety, and reliability requirements of any SAGD project.

As a part of our HX System, the PadHX-F utilizes prefabricated parts and long-lead inventory, meaning your project can move forward from conception to commissioning in less time, for a fixed cost with late stage payments.



Client-Centric Fixed Cost

Our vertically-integrated execution system results in cost certainty—your project has a fixed cost with no hidden surprises.

Innovation Never Sleeps

Our designs are continuously evolving to keep pace with emerging industry trends — longer wells, more wells per pad, alternative start-up strategies, and early-stage operational enhancements all deliver the edge our clients depend on.

Go Inline or Offset

Our standardized design accommodates an inline wellhead and offset wellhead configuration—a groundbreaking industry first.

Versatility, Standardized

PadHX-F is able to integrate all start-up strategies, artificial lift types, solvent & gas co-injection, and casing gas compression.

Fully Flexible

Robust or simplified—our flexible design can adapt to suit the needs of a specific design philosophy or a project's financial limitations.

Ready for the Field

The PadHX-F standardized design has evolved over the course of implementation at five different SAGD operating projects for major Canadian energy producers.

Built for Anything

Pre-designed variable line sizing and pressure ratings to accommodate a large range of fluid rates, operating pressures, and well pair counts.

Thinking Long-Term

We deliver foresight, so you can delay capital deployment with the help of standard future tie-ins along with a plug-and-play design that is prepared for future integration with sustaining well pairs or infill wells.

Safety

- Our design philosophy meets the most stringent corporate standards
- Double block and bleed isolation throughout
- Artificial lift OPPSD submission and compliance

Reliability

- Redundant instrumentation and flexibility with isolation
- Minimal full pad outages required for maintenance and tie-ins

Challenging the Business of Energy



At HIVE Innovations, we pride ourselves on doing things differently. We create and design energy solutions that challenge the status quo. We do so by using a well-established, vertically-integrated approach called The HX System, which enables our clients to maintain fixed costs with late stage payments. Our dynamic, uniquely customizable modular solutions are cohesive, efficient, and reliable—they represent the next step for clients who demand more.

The HX System

Simply put, we at HIVE Innovations have a different kind of mindset. We don't settle for what works today—our design philosophy asks the question: how can we revolutionize the energy industry for tomorrow's world? To make that vision a reality for our clients, we developed a vertically-integrated model made up of the following stages:

Engagement

As a fully customer-centric organization, we are flexible to the unique needs of your project. Engage with us in any of the following ways:

PRODUCT

We engineer real solutions through proprietary HIVE designs which are modular, scalable, and compatible with your project.

EXECUTION

We will take your designs and utilize our vertically-integrated system to execute your project. Take advantage of our exceptional commercial model: fixed price and late stage payments.

CONCEPT

The HIVE mentality thrives on challenges—present us with a scope and scale, and we will propose, design, and execute on a customizable solution for your project.

1

Exhaustive Review

Our engineering review assesses feasibility and uncovers opportunities to utilize pre-fab parts and long-lead inventory.

2

Fabrication

We take fabrication seriously. The work we do in our Blackfalds facility and partner facilities is exacting and respected, with product modules prefabricated to shorten your project's timelines.

3

Construction

Our fabrication team is also part of the construction process, which translates into increased efficiencies, no downtime, and expert execution.

4

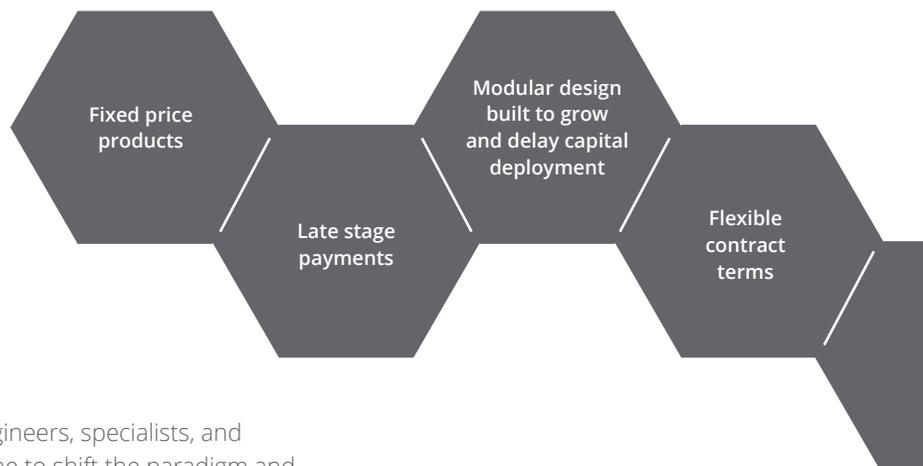
Commissioning

Our teams are with you to the end, providing commissioning support services from many of the same members who have been active throughout your project's timeline.

5

Commercial Model

The HX System is a game-changer. It's a synthesis of innovative design, unparalleled efficiency, and reliable execution. The work we do at our Gemini Fabrication facility in Ponoka is a testament to our focus on quality, safety standards and commitment to cost effective execution. Ours is a disruptive, risk-sharing business model that puts cutting-edge technology first, alongside client-based solutions.



The Team

HIVE Innovations is made up of innovative designers, engineers, specialists, and project managers who share a disruptive mindset: it's time to shift the paradigm and produce real cutting-edge energy solutions. We are multi-disciplined in our approach, and we offer extensive hands-on experience with over 300 well pairs, 30 infill wells, and 30 steam floods—all operating within 10 unique reservoirs in Alberta and Saskatchewan. Together, we provide our clients with forward-thinking engineering, procurement, construction, and fabrication services that challenge conventions and produce better results.