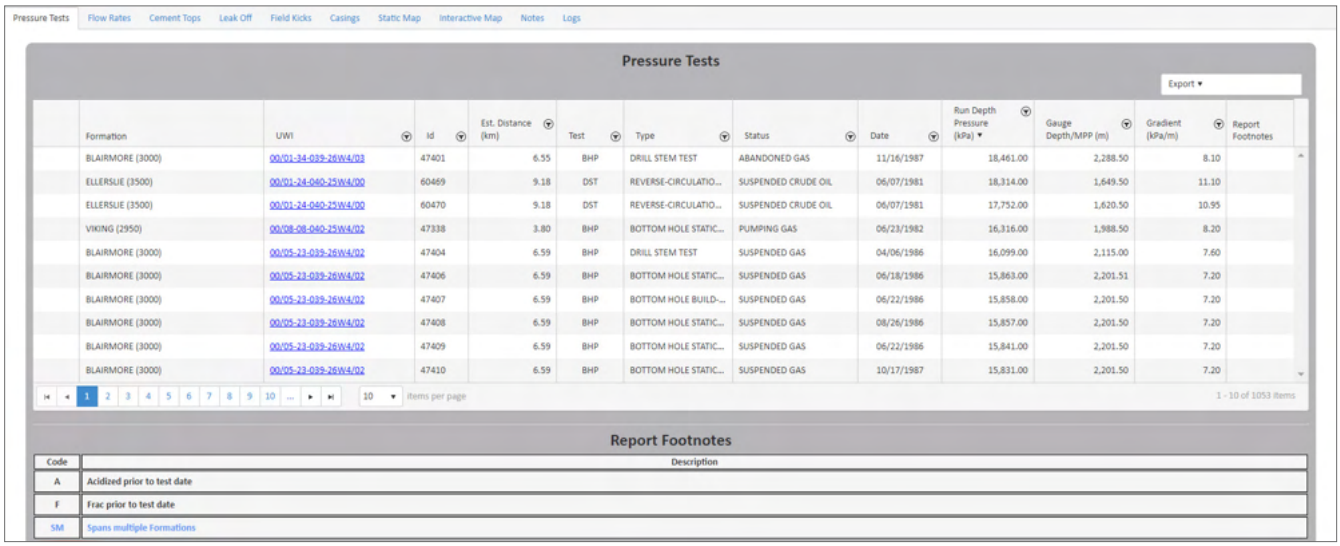
Simplify regulatory compliance. Operate sustainably.

RegulatorySuite

Trusted tools for compliant well license applications

Regulatory compliance is a critical function of every company's operations and well license applications are no exception. To get a drilling license for any well in Alberta, operators must provide accurate, validated data that meets standards set for various directives. Time spent researching and pulling data together to meet government regulations can be lengthy and confusing.

RegulatorySuite addresses this issue with some of the top predrilling license application research tools in the industry, eliminating the complexity and expense typically associated with meeting regulatory compliance. **H2S**Reports, **H2S**Complete, and **Surface**Casing Report are designed to help operators gather the necessary data and carry out the required steps of a regulatory-compliant drilling program. Discover why more than half of all companies actively drilling in the WCSB rely on XI data and tools to simplify their regulatory compliance and operate sustainably.



Pressure Tests | Flow Rates | Cement Tops | Leak Off | Field Kicks | Casings | Static Map | Interactive Map | Notes | Logs

Pressure Tests

Export

Formation	UWI	Id	Est. Distance (km)	Test	Type	Status	Date	Run Depth Pressure (kPa)	Gauge Depth/MPP (m)	Gradient (kPa/m)	Report Footnotes
BLAIRMORE (3000)	00/01-34-039-26W4/03	47401	6.55	BHP	DRILL STEM TEST	ABANDONED GAS	11/16/1987	18,461.00	2,288.50	8.10	
ELLERSLIE (3500)	00/01-24-040-25W4/00	60469	9.18	DST	REVERSE-CIRCULATIO...	SUSPENDED CRUDE OIL	06/07/1981	18,314.00	1,649.50	11.10	
ELLERSLIE (3500)	00/01-24-040-25W4/00	60470	9.18	DST	REVERSE-CIRCULATIO...	SUSPENDED CRUDE OIL	06/07/1981	17,752.00	1,620.50	10.95	
VIKING (2950)	00/08-08-040-25W4/02	47338	3.80	BHP	BOTTOM HOLE STATIC...	PUMPING GAS	06/23/1982	16,316.00	1,988.50	8.20	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47404	6.59	BHP	DRILL STEM TEST	SUSPENDED GAS	04/06/1986	16,099.00	2,115.00	7.60	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47406	6.59	BHP	BOTTOM HOLE STATIC...	SUSPENDED GAS	06/18/1986	15,863.00	2,201.51	7.20	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47407	6.59	BHP	BOTTOM HOLE BUILD-...	SUSPENDED GAS	06/22/1986	15,858.00	2,201.50	7.20	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47408	6.59	BHP	BOTTOM HOLE STATIC...	SUSPENDED GAS	08/26/1986	15,857.00	2,201.50	7.20	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47409	6.59	BHP	BOTTOM HOLE STATIC...	SUSPENDED GAS	06/22/1986	15,841.00	2,201.50	7.20	
BLAIRMORE (3000)	00/05-23-039-26W4/02	47410	6.59	BHP	BOTTOM HOLE STATIC...	SUSPENDED GAS	10/17/1987	15,831.00	2,201.50	7.20	

1 2 3 4 5 6 7 8 9 10 ... 10 items per page 1 - 10 of 1053 items

Report Footnotes

Code	Description
A	Acidized prior to test date
F	Frac prior to test date
SM	Spans multiple Formations

The pre-licensing application process demands operators rely on several sources of historical records for their assessments, such as gas analysis, pressure tests, leak-off tests, historical casing depths, and field kick rates.

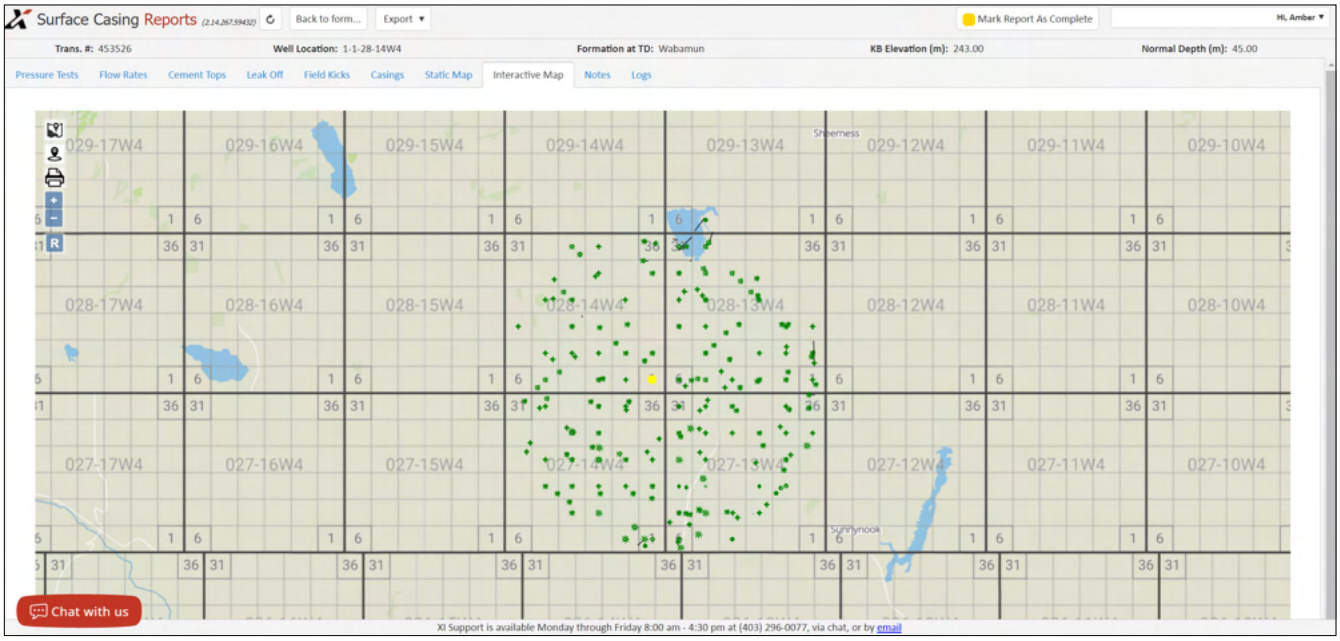
Mitigate drilling risks and adhere to industry guidelines

XI's **Regulatory**Suite features reliable research tools to help Alberta and British Columbia operators mitigate drilling risks and adhere to the guidelines and standards outlined by Alberta Energy Regulator (AER) Directives for H2S release rate potential and surface casing depths.

Step-by-step compliance and data validation

XI's **Regulatory**Suite tools deliver enhanced datasets, compiled from originally sourced government information , and an interactive console that guides you through the step-by-step process of prelicensing research and applications.

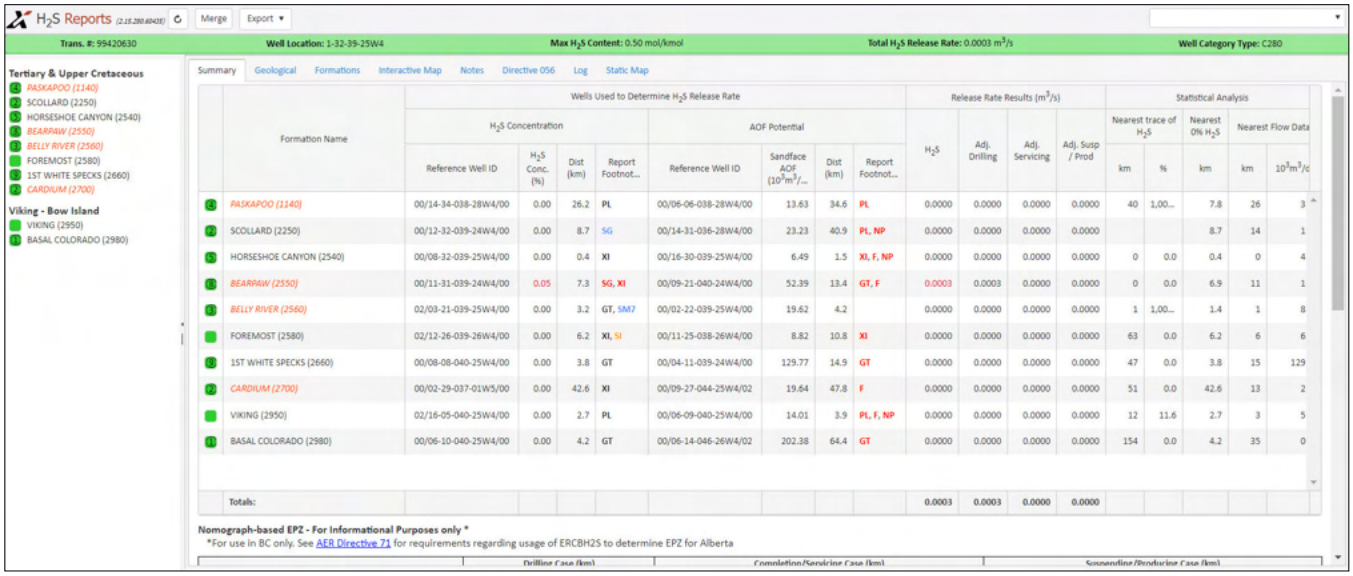
- **Gain peace of mind:** Streamlined and structured workflow helps ensure compliance and allow for easy access to AER Directive's 008 and 056. By maintaining a clear record of your work, we also help you to be more prepared in case of an audit.
- **Eliminate redundancy:** Do the work once. We'll remember your changes and comments and apply them instantly to your future reports.
- **Collaborate easily:** Our products allow for secure, confidential company-wide access. Transfer reports to colleagues with no more confusion over multiple versions, we even track who makes which changes for clear accountability.
- **Improve accessibility:** Our safe, secure web-based platform provides 24/7 access via any internet-connected device.
- **Streamline efforts:** Synergies between **H2S**Reports and XI's **Surface**Casing Report allow you to combine workflows and easily transition information, giving you a head start on your Dir 008 and Dir 036 compliance.
- **Customize reports:** Flexible exporting functions allow you to produce a variety of outputs for reporting and documentation.

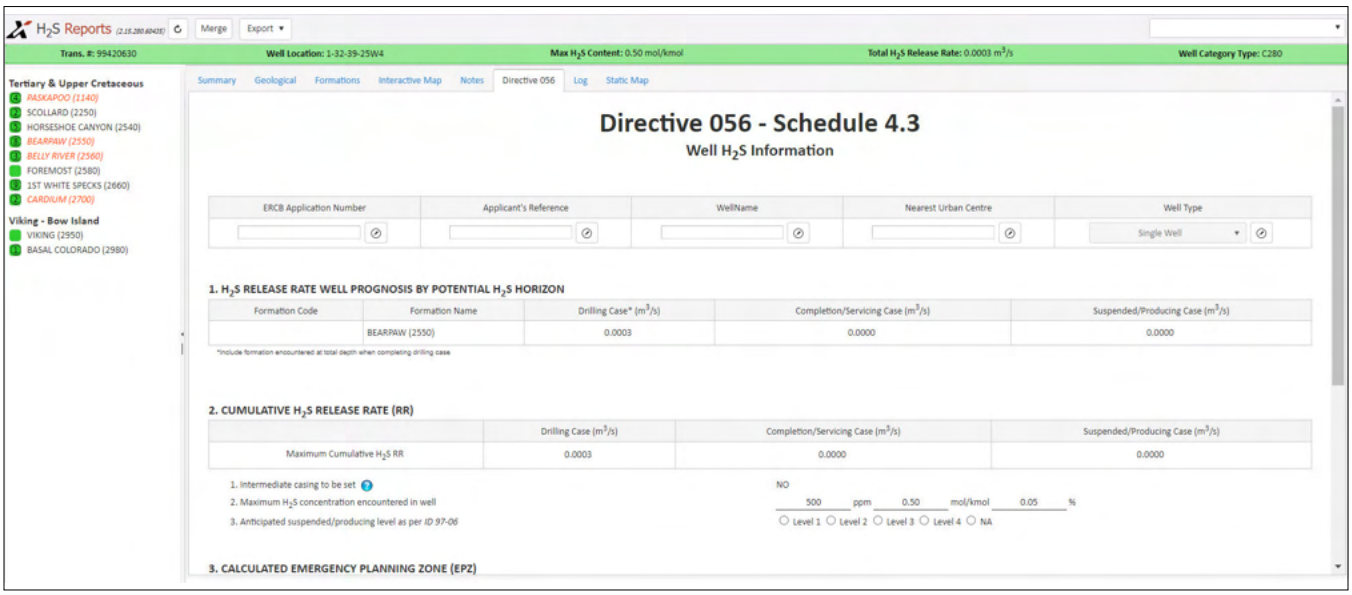


Surface*Casing Report provides a starting point for the AER requirements for Directive 036 11.1.4 STICK Diagram with the necessary offset well data, expected hydrogen sulphide (H2S) content, formation tops and pressures, and the minimum mud weight required to control the expected formation pressures.*

H2S Reports

When you're licensing a well, regulatory compliance doesn't need to be time-consuming. With over two decades of experience in H2S Release Rate Assessments, XI provides the most reliable data to evaluate the potential H2S risks in your prospective locations and calculate release rates that satisfy the requirements set by the Alberta Energy Regulator (AER) and the Canadian Association of Petroleum Producers (CAPP).



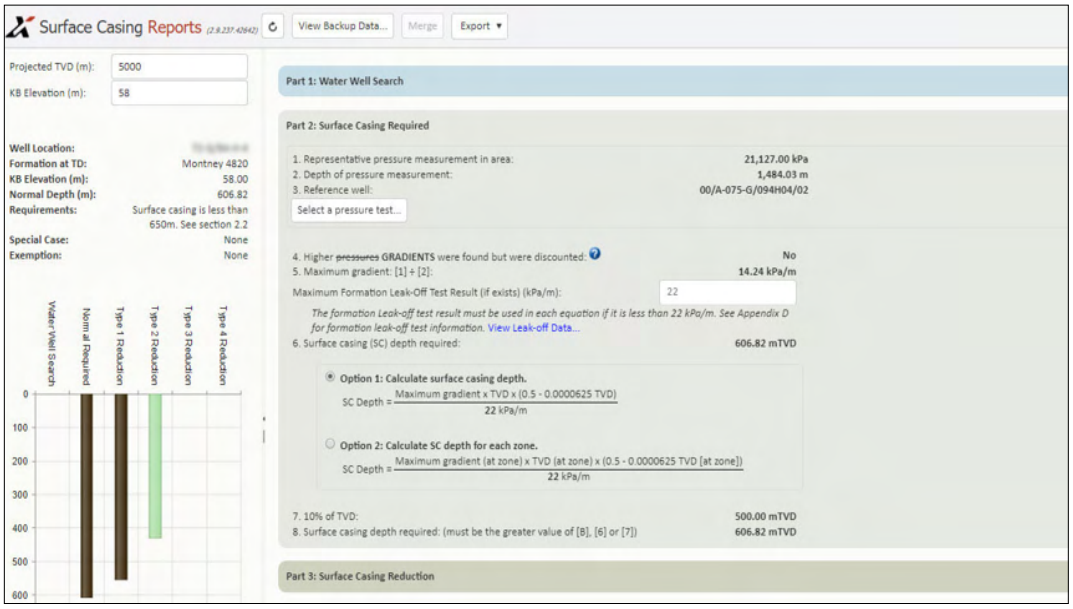


H2S Complete

Have your H2S release rate assessment fully prepared and ready for submission by an accredited engineer at a lower cost and faster response time (3-5 days) than typical consulting firms. This cost-effective, turnkey service includes the analysis, validation, calculations, and documentation necessary to meet regulatory demands. Let XI take one more task off your plate, allowing you to focus your time and resources on higher value tasks.

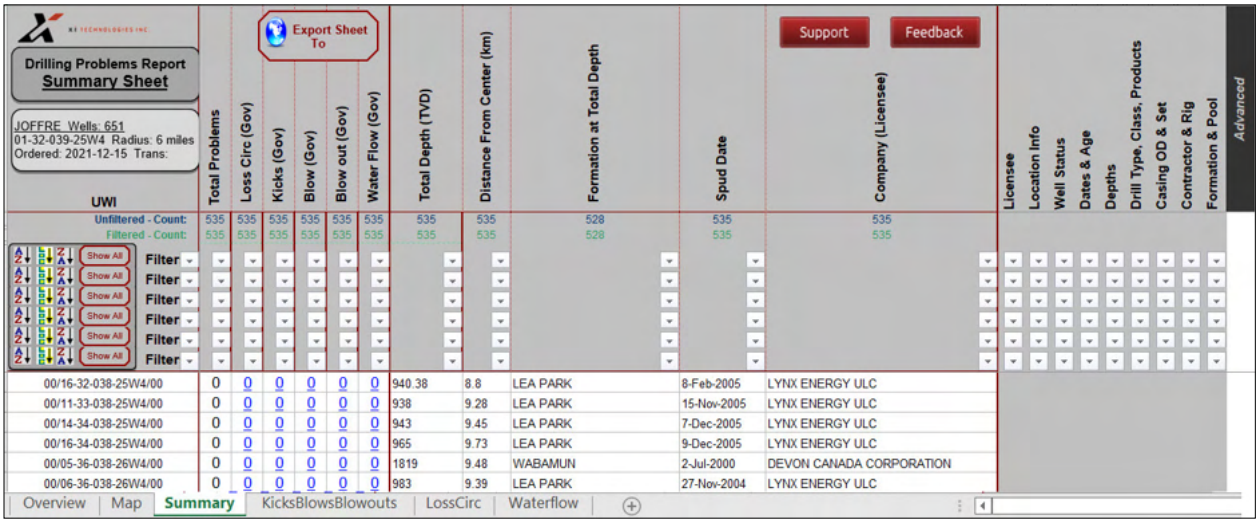
SurfaceCasing Report

XI's **Surface**Casing Report streamlines the path toward Directive 008 compliance, resulting in a calculated surface casing depth that meets AER expectations. This tool makes it faster, easier, and less redundant to provide an accurate assessment of well stability and other risk mitigation controls with location-specific data and software that guides you through the required steps. You receive the entire history of recorded tests and data in the vicinity of your location, to establish Surface Casing compliance, aid with STICK diagram completion, and determine proper well design.



DrillProblems Report

Being aware of previous drilling complications is a big part of understanding risk. You need to know what you're getting into. XI's **Drill**Problems Report is a fast, easy way to survey a particular area for known problems that have occurred, including lost circulation events, kicks, blow/bow outs, and water flows. Within minutes, order and receive a custom search of drilling problems specific to your location. Apply this knowledge to your well plan to avoid encountering issues others have already experienced.



Data Driven. Solution Focused.

XI Technologies Inc. has been a trusted partner to the Canadian oil and gas industry since 2004.

We leverage data and online technology to provide Canadian oil and gas clients with mission-critical research and analysis tools that smooth their workflows and drive productivity. With XI's unique, data-driven solutions, energy companies can make more informed decisions and achieve maximum ROI from competitive analysis, A&D scoping, asset planning, business development, drilling, operations, regulatory compliance, and risk management.

RegulatorySuite provides data, research, analysis, and planning tools for oil and gas professionals working in:

- Drilling & Well Construction
- Regulatory Compliance
- Drilling Management
- Drill Planning
- Engineering & Well Design
- HSE
- Rig & Equipment Contracting
- Service & Consulting

Learn more about **Surface**Casing Report, **H2S**Reports, **H2S**Complete and the **Regulatory**Suite of tools.

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