



# Quickly assess **H<sub>2</sub>S** release potential for a prospective drill



## **H<sub>2</sub>S**Reports

### **The industry's most reliable H<sub>2</sub>S data**

When you're licensing a well, regulatory compliance doesn't need to be intimidating. XI's **H<sub>2</sub>S**Reports is the foremost H<sub>2</sub>S research application in the industry, eliminating the complexity and expense typically associated with pre-licensing research.

With over two decades of experience in H<sub>2</sub>S Release Rate Assessments, XI provides the most reliable data to evaluate the potential H<sub>2</sub>S 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). 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.

XI's **RegulatorySuite** 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 H<sub>2</sub>S release rate potential and surface casing depths.

## Step-by-step compliance for Directive 056

XI's **H2SReports** deliver an enhanced dataset, compiled from originally sourced government information, and an interactive console that guides you through the step-by-step process of assessing the H2S release rate potential for your well.

- **Gain peace of mind:** The streamlined and structured workflow of **H2SReports** helps to ensure compliance and allow for easy adherence to Directive 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 allow you to apply them to your future reports.
- **Collaborate easily:** Our products allow for 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 **H2SReports** and XI's **SurfaceCasing 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.

Tertiary & Upper Cretaceous		Summary   Geological   Formations   Interactive Map   Notes   Directive 056   Log   Static Map										
<ul style="list-style-type: none"> <li>EDMONTON (2500)</li> <li><b>HORSESHOE CANYON (2540)</b></li> <li>BEARPAW (2550)</li> <li><b>BELLY RIVER (2560)</b></li> <li>FOREMOST (2580)</li> <li>2ND WHITE SPECKS (2770)</li> </ul>		Wells Used to Determine										
<ul style="list-style-type: none"> <li>VIKING - Bow Island</li> <li>VIKING (2950)</li> </ul>		H <sub>2</sub> S Concentration										
<ul style="list-style-type: none"> <li>Upper Mannville</li> <li>BLAIRMORE (3000)</li> <li>GLAUCONITIC (3250)</li> </ul>		Reference Well ID	H <sub>2</sub> S Conc. (%)	Dist (km)	Report Footnot...	Reference Well ID	Sandface AOF (10 <sup>3</sup> m <sup>3</sup> /...	Dist (km)	Report Footnot...	T <sub>25</sub>	Drilling	Servi
<ul style="list-style-type: none"> <li>Lower Mannville</li> <li>OSTRACOD (3400)</li> <li>ELLERSLIE (3500)</li> <li>DETRITAL (3550)</li> </ul>												
NONE IDENTIFIED (20)												
EDMONTON (2500)		BE176-20-000 (2004/00)	0.00	2.8	PL	BE176-20-000 (2004/00)	19.44	0.4	PL, F, NP	0.0000	0.0000	0.0
<b>HORSESHOE CANYON (2540)</b>		BE176-21-000 (2004/00)	0.00	0.9	XI	BE176-21-000 (2004/00)	6.64	1.5		0.0000	0.0000	0.0
BEARPAW (2550)		BE176-24-000 (2004/00)	0.00	6.9	XI	BE176-24-000 (2004/00)	52.39	13.4	GT, F	0.0000	0.0000	0.0
<b>BELLY RIVER (2560)</b>		BE176-25-000 (2004/00)	0.00	1.4	PL	BE176-25-000 (2004/00)	19.62	4.2		0.0000	0.0000	0.0

*H2SReports' interactive console guides you through necessary steps to complete your Directive 056 requirements.*

## Save even more time and effort with H2SComplete

Don't have the time or expertise to complete your **H2SReports**? With our **H2SComplete** service, you can have your H2S release rate assessment fully prepared and ready for submission by a recognized expert. This cost-effective, turnkey service includes the analysis, validation, calculations, and documentation necessary to meet regulatory demands.

Have your H2S release rate assessment performed by an accredited engineer at a lower cost and faster response time (3-5 days) than typical consulting firms. Let XI take one more task off your plate, allowing you to focus your time and resources on higher value tasks.