



Quickly assess a prospective drilling site for H₂S release rate potential



H₂SReports

The most reliable data

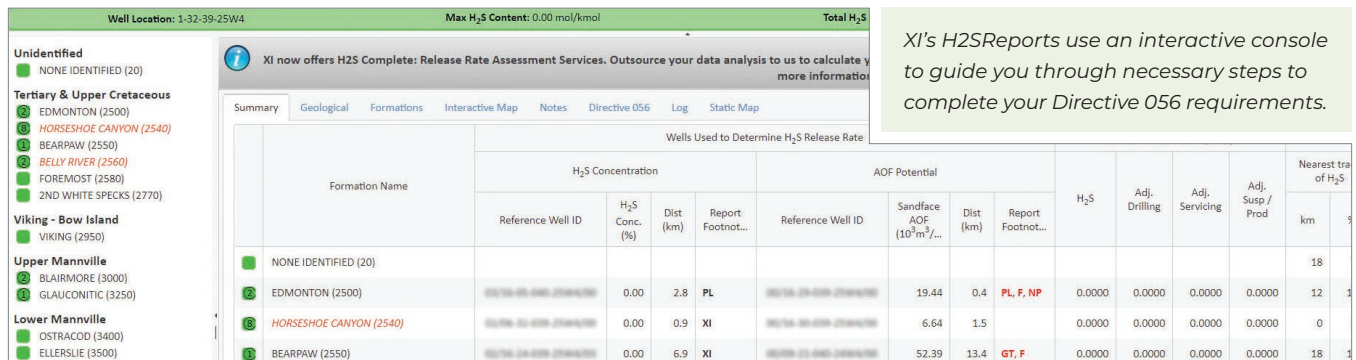
When you're developing an Emergency Planning Zone, adhering to regulations doesn't need to be complicated or expensive. XI's H₂SReports is the foremost H₂S research application in the industry, designed to help you quickly assess a prospective drilling site for H₂S release rate potential. With over 10 years of experience, XI provides the most reliable data to evaluate and calculate the potential H₂S risks in your prospective locations and satisfy the H₂S Release Rate Assessment requirements set by the Alberta Energy Regulator (AER) and the Canadian Association of Petroleum Producers (CAPP). More than 50 percent of 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, British Columbia, and Saskatchewan 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 for Directive 056

XI's H2SReports bring in data from multiple government sources and then guides you through the step-by-step process using an interactive console.

- **Eliminate redundancy:** Do the work once. We'll remember your changes and comments and apply them instantly to your future reports.
- **Gain peace of mind:** We help to ensure compliance with a streamlined and structured workflow and allow for easy access to Directive 056. By maintaining a clear record of your work, we also help you to be more prepared in case of an audit.
- **Have better accessibility:** The web-based platform is more stable and allows you 24/7 access via any device with an Internet connection.
- **Instant improvements:** Any feature updates that we make are applied instantly to your previously ordered reports.
- **Easy collaboration:** 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.
- **STICK diagram basis:** Pull data from your H2SReport into your XI SurfaceCasing Report, this gives you a starting point to complete your AER requirements for Directive 036: Indicate all potential H2S zones.
- **Regulatory cohesion:** Pull information from your XI SurfaceCasing Reports into your H2SReports and have everything in one place.
- **Exportability:** With one click you can export a comprehensive PDF report.



Well Location: 1-32-39-25W4 Max H₂S Content: 0.00 mol/kmol Total H₂S

Unidentified
 NONE IDENTIFIED (20)

Tertiary & Upper Cretaceous
 EDMONTON (2500)
 HORSESHOE CANYON (2540)
 BEARPAW (2550)
 BELLY RIVER (2560)
 FOREMOST (2580)
 2ND WHITE SPECKS (2770)

Viking - Bow Island
 VIKING (2950)

Upper Mannville
 BLAIRMORE (3000)
 GLAUCONITIC (3250)

Lower Mannville
 OSTRACOD (3400)
 ELLERSLIE (3500)

Summary Geological Formations Interactive Map Notes Directive 056 Log Static Map

Wells Used to Determine H₂S Release Rate

| Formation Name | H ₂ S Concentration | | | AOF Potential | | | H ₂ S | Adj. Drilling | Adj. Servicing | Adj. Susp / Prod | Nearest tra of H ₂ S | | | |
|-------------------------|--------------------------------|----------------------------|-----------|-------------------|----------------------|--|------------------|---------------|----------------|------------------|---------------------------------|-------------------|----|---|
| | Reference Well ID | H ₂ S Conc. (%) | Dist (km) | Report Footnot... | Reference Well ID | Sandface AOF (10 ⁻³ m ³ /... | | | | | Dist (km) | Report Footnot... | km | s |
| NONE IDENTIFIED (20) | | | | | | | | | | | | 18 | | |
| EDMONTON (2500) | WELL-25-000-25W4-001 | 0.00 | 2.8 | PL | WELL-25-000-25W4-001 | 19.44 | 0.4 | PL, F, NP | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 12 | 1 |
| HORSESHOE CANYON (2540) | WELL-25-000-25W4-002 | 0.00 | 0.9 | XI | WELL-25-000-25W4-002 | 6.64 | 1.5 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0 | |
| BEARPAW (2550) | WELL-25-000-25W4-003 | 0.00 | 6.9 | XI | WELL-25-000-25W4-003 | 52.39 | 13.4 | GT, F | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 18 | 1 |

XI's H2SReports use an interactive console to guide you through necessary steps to complete your Directive 056 requirements.

Or just let us do it for you!

Focus your time and resources on higher value tasks! For a modest fee, our turnkey service ensures your H2S release rate assessment and documentation are fully prepared by a recognized expert – ready for submission.

A tool made for professionals working in:

- Drilling
- Regulatory Compliance
- HSE

Learn more about the H2SReport
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