



The simple, thorough way to satisfy the **requirements** of **AER Directive 008**



SurfaceCasing Report

Simplify compliance

XI's **SurfaceCasing Report** streamlines the path toward Directive 008 compliance, resulting in a calculated surface casing depth that meets AER expectations. For any well in Alberta to be issued a drilling license, operators must provide an accurate assessment of well stability and other risk mitigation controls, that satisfies the Alberta Energy Regulator's (AER) Directive 008.

This tool will make that process faster, easier, and less redundant by equipping you with the location-specific data you need and software that guides you through the required steps to help ensure nothing is missed. 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.

With **SurfaceCasing Report**, you receive the entire history of recorded tests and data in the vicinity of your location, to establish Surface Casing compliance, STICK diagram completion, and proper well design. By storing your work and documented changes, our system will continue to streamline workflow, simplify future well license applications, and collaboration throughout your organization.

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 H2S release rate potential and surface casing depths.

The data you want with the validation tools you need

XI's **SurfaceCasing** Report uses a compilation of data sources to execute a search for all pressures/ gradients in the area and then determines a thorough analysis of anticipated pressures at specific depths. The streamlined and structured workflow helps ensure compliance with Directive 008. Validation tools, custom reports, and robust note functionality provide the due diligence and audit trail necessary to satisfy regulators and auditors.

View a summary of selected pressure and surface casing depth required, as well as a display of all available exemptions, with **SurfaceCasing** Report.

Pressure Tests

Selected Formation: ALL | Select Tests By: Run Depth Pressure | Please choose based on AER Directive 008 (Appendix B, Part II) | Clear Filters | Reset

Drag a column header and drop it here to group by that column

Formation	UWI	Id	Est. Distance (km)	Test	Type	Status	Date	Run Depth Pressure (kPa)	Gauge Depth/MPP (m)	Gradient (kPa/m)	Report Footnotes
UPPER MANNVILLE (3000)	00/06-36-014-15W4/00	766603	3.41	BHP	TOP HOLE UNDEF...	ABANDONED ZONE G...	06/16/1981	18,635.00	995.80	18.70	
ELLERSLIE (3500)	02/16-33-014-14W4/00	767290	4.37	GRD	BOTTOM HOLE - S...	FLOWING CRUDE OIL	06/13/2007	16,751.51	982.65	17.00	
LOWER MANNVILLE (3400)	02/16-33-014-14W4/00	767080	4.37	BHP	BOTTOM HOLE ST...	FLOWING CRUDE OIL	06/13/2007	16,685.01	982.59	17.00	
ELLERSLIE (3500)	02/16-33-014-14W4/00	767291	4.37	GRD	AWS - SINGLE-SH...	FLOWING CRUDE OIL	01/15/2008	16,646.85	982.65	16.90	
ELLERSLIE (3500)	03/13-34-014-14W4/00	767293	4.81	GRD	BOTTOM HOLE - S...	FLOWING CRUDE OIL	06/13/2007	16,133.10	986.95	16.30	
LOWER MANNVILLE (3400)	03/13-34-014-14W4/00	767082	4.81	BHP	BOTTOM HOLE ST...	FLOWING CRUDE OIL	06/13/2007	16,089.60	986.95	16.30	
UPPER MANNVILLE (3000)	02/13-34-014-14W4/00	11501...	4.56	GRD	AWS - SINGLE-SH...	FLOWING CRUDE OIL	10/07/2020	15,948.59	995.75	16.00	
LOWER MANNVILLE (3400)	00/08-33-014-14W4/00	767081	4.70	ADP	PRESSURE SUMM...	SUSPENDED CRUDE ...	06/03/2007	15,379.49	913.44	16.70	
ELLERSLIE (3500)	00/08-33-014-14W4/00	767294	4.70	GRD	BOTTOM HOLE - S...	SUSPENDED CRUDE ...	06/05/2007	15,173.16	996.92	15.20	A
LOWER MANNVILLE (3400)	02/14-28-014-14W4/00	767084	4.65	ADP	PRESSURE SUMM...	SUSPENDED CRUDE ...	06/22/2007	13,355.96	1,015.63	13.20	

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Gain access to the most complete pressure data available for more accurate reporting.

Streamline your regulatory efforts

Synergies between **SurfaceCasing** Report and XI's **H2S** Reports allow you to combine workflows and easily transition information, giving you a head start on your Dir 008 and Dir 036 compliance.