



# AssetBook ARO Manager

The reliable way to balance  
risk with reward

## Get a more complete picture of asset retirement costs

Cost management is a vital part of the business and operating strategy for every Canadian oil and gas producer. But if you're focused primarily on development and operations costs, then you're missing a significant part of the picture.

AssetBook ARO Manager, from XI Technologies Inc., is the only standardized tool for easily estimating and monitoring asset retirement obligations in Western Canada's oil and gas sector. ARO Manager helps you:

- Perform A&D scenario analysis using any combination of properties
- Calculate potential ARO using XI's standardized cost model, based on an extensive study of actual abandonment, reclamation, and remediation costs in the WCSB
- Monitor and optimize liabilities from initial deal right through to abandonment and reclamation
- Upload proprietary corporate ARO cost data for more detailed analysis on either a company-wide or area-by-area basis
- Save your work for future reference, collaborate across departments, update and report on changes in corporate ARO



**AssetBook** is the ultimate industry intelligence source for Canadian E&P companies and anyone who does business with them. It gives you instant access to everything you need to know about every company in the WCSB and is an integral tool for strategic decision making.

## Assess and monitor ARO across the asset life-cycle

With regulatory frameworks evolving, it is more important than ever to accurately estimate and manage asset retirement obligations from the acquisition phase through to decommissioning. Failure to do so could leave you with an inaccurate estimate of abandonment costs and potentially damaging effects for your company and its directors. AssetBook ARO Manager provides the tools to estimate, analyze, and monitor asset retirement obligations – whether it's for individual assets, groups of assets, or your entire portfolio.

The screenshot displays the AssetBook ARO Manager interface. The main table shows ARO data for various provinces (Alberta, British Columbia, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland and Labrador, Yukon, Northwest Territories, Nunavut). The table is organized by License Type (Active Wells, Inactive Wells, Abandoned Wells) and Risk Level (Low Risk, Medium Risk, High Risk). The columns include Gross, Net, and Total costs, as well as a summary of total ARO by province and risk level.

Province	License Type	Risk Level	Gross	Net	Total
Alberta	Active Wells	Low Risk	240	240.6	480.6
Alberta	Active Wells	Medium Risk	446	307.7	753.7
Alberta	Active Wells	High Risk	1,354	805.8	2,159.8
Alberta	Inactive Wells	Low Risk	352	355.9	707.9
Alberta	Inactive Wells	Medium Risk	1,220	873.4	2,093.4
Alberta	Inactive Wells	High Risk	542	324.8	866.8
Alberta	Abandoned Wells	Low Risk	227	198.2	425.2
Alberta	Abandoned Wells	Medium Risk	304	89.0	393.0
Alberta	Abandoned Wells	High Risk	12	10.6	22.6
Alberta	Total Wells		4,714	3,411.2	8,125.2
British Columbia	Active Wells	Low Risk	227	198.2	425.2
British Columbia	Active Wells	Medium Risk	304	89.0	393.0
British Columbia	Active Wells	High Risk	12	10.6	22.6
British Columbia	Inactive Wells	Low Risk	513	604.1	1,117.1
British Columbia	Inactive Wells	Medium Risk	173	29.0	202.0
British Columbia	Inactive Wells	High Risk	173	29.0	202.0
British Columbia	Abandoned Wells	Low Risk	227	198.2	425.2
British Columbia	Abandoned Wells	Medium Risk	304	89.0	393.0
British Columbia	Abandoned Wells	High Risk	12	10.6	22.6
British Columbia	Total Wells		1,338	277.8	1,615.8
Saskatchewan	Active Wells	Low Risk	227	198.2	425.2
Saskatchewan	Active Wells	Medium Risk	304	89.0	393.0
Saskatchewan	Active Wells	High Risk	12	10.6	22.6
Saskatchewan	Inactive Wells	Low Risk	513	604.1	1,117.1
Saskatchewan	Inactive Wells	Medium Risk	173	29.0	202.0
Saskatchewan	Inactive Wells	High Risk	173	29.0	202.0
Saskatchewan	Abandoned Wells	Low Risk	227	198.2	425.2
Saskatchewan	Abandoned Wells	Medium Risk	304	89.0	393.0
Saskatchewan	Abandoned Wells	High Risk	12	10.6	22.6
Saskatchewan	Total Wells		1,338	277.8	1,615.8
Manitoba	Active Wells	Low Risk	227	198.2	425.2
Manitoba	Active Wells	Medium Risk	304	89.0	393.0
Manitoba	Active Wells	High Risk	12	10.6	22.6
Manitoba	Inactive Wells	Low Risk	513	604.1	1,117.1
Manitoba	Inactive Wells	Medium Risk	173	29.0	202.0
Manitoba	Inactive Wells	High Risk	173	29.0	202.0
Manitoba	Abandoned Wells	Low Risk	227	198.2	425.2
Manitoba	Abandoned Wells	Medium Risk	304	89.0	393.0
Manitoba	Abandoned Wells	High Risk	12	10.6	22.6
Manitoba	Total Wells		1,338	277.8	1,615.8
Ontario	Active Wells	Low Risk	227	198.2	425.2
Ontario	Active Wells	Medium Risk	304	89.0	393.0
Ontario	Active Wells	High Risk	12	10.6	22.6
Ontario	Inactive Wells	Low Risk	513	604.1	1,117.1
Ontario	Inactive Wells	Medium Risk	173	29.0	202.0
Ontario	Inactive Wells	High Risk	173	29.0	202.0
Ontario	Abandoned Wells	Low Risk	227	198.2	425.2
Ontario	Abandoned Wells	Medium Risk	304	89.0	393.0
Ontario	Abandoned Wells	High Risk	12	10.6	22.6
Ontario	Total Wells		1,338	277.8	1,615.8
Quebec	Active Wells	Low Risk	227	198.2	425.2
Quebec	Active Wells	Medium Risk	304	89.0	393.0
Quebec	Active Wells	High Risk	12	10.6	22.6
Quebec	Inactive Wells	Low Risk	513	604.1	1,117.1
Quebec	Inactive Wells	Medium Risk	173	29.0	202.0
Quebec	Inactive Wells	High Risk	173	29.0	202.0
Quebec	Abandoned Wells	Low Risk	227	198.2	425.2
Quebec	Abandoned Wells	Medium Risk	304	89.0	393.0
Quebec	Abandoned Wells	High Risk	12	10.6	22.6
Quebec	Total Wells		1,338	277.8	1,615.8
New Brunswick	Active Wells	Low Risk	227	198.2	425.2
New Brunswick	Active Wells	Medium Risk	304	89.0	393.0
New Brunswick	Active Wells	High Risk	12	10.6	22.6
New Brunswick	Inactive Wells	Low Risk	513	604.1	1,117.1
New Brunswick	Inactive Wells	Medium Risk	173	29.0	202.0
New Brunswick	Inactive Wells	High Risk	173	29.0	202.0
New Brunswick	Abandoned Wells	Low Risk	227	198.2	425.2
New Brunswick	Abandoned Wells	Medium Risk	304	89.0	393.0
New Brunswick	Abandoned Wells	High Risk	12	10.6	22.6
New Brunswick	Total Wells		1,338	277.8	1,615.8
Nova Scotia	Active Wells	Low Risk	227	198.2	425.2
Nova Scotia	Active Wells	Medium Risk	304	89.0	393.0
Nova Scotia	Active Wells	High Risk	12	10.6	22.6
Nova Scotia	Inactive Wells	Low Risk	513	604.1	1,117.1
Nova Scotia	Inactive Wells	Medium Risk	173	29.0	202.0
Nova Scotia	Inactive Wells	High Risk	173	29.0	202.0
Nova Scotia	Abandoned Wells	Low Risk	227	198.2	425.2
Nova Scotia	Abandoned Wells	Medium Risk	304	89.0	393.0
Nova Scotia	Abandoned Wells	High Risk	12	10.6	22.6
Nova Scotia	Total Wells		1,338	277.8	1,615.8
Prince Edward Island	Active Wells	Low Risk	227	198.2	425.2
Prince Edward Island	Active Wells	Medium Risk	304	89.0	393.0
Prince Edward Island	Active Wells	High Risk	12	10.6	22.6
Prince Edward Island	Inactive Wells	Low Risk	513	604.1	1,117.1
Prince Edward Island	Inactive Wells	Medium Risk	173	29.0	202.0
Prince Edward Island	Inactive Wells	High Risk	173	29.0	202.0
Prince Edward Island	Abandoned Wells	Low Risk	227	198.2	425.2
Prince Edward Island	Abandoned Wells	Medium Risk	304	89.0	393.0
Prince Edward Island	Abandoned Wells	High Risk	12	10.6	22.6
Prince Edward Island	Total Wells		1,338	277.8	1,615.8
Newfoundland and Labrador	Active Wells	Low Risk	227	198.2	425.2
Newfoundland and Labrador	Active Wells	Medium Risk	304	89.0	393.0
Newfoundland and Labrador	Active Wells	High Risk	12	10.6	22.6
Newfoundland and Labrador	Inactive Wells	Low Risk	513	604.1	1,117.1
Newfoundland and Labrador	Inactive Wells	Medium Risk	173	29.0	202.0
Newfoundland and Labrador	Inactive Wells	High Risk	173	29.0	202.0
Newfoundland and Labrador	Abandoned Wells	Low Risk	227	198.2	425.2
Newfoundland and Labrador	Abandoned Wells	Medium Risk	304	89.0	393.0
Newfoundland and Labrador	Abandoned Wells	High Risk	12	10.6	22.6
Newfoundland and Labrador	Total Wells		1,338	277.8	1,615.8
Yukon	Active Wells	Low Risk	227	198.2	425.2
Yukon	Active Wells	Medium Risk	304	89.0	393.0
Yukon	Active Wells	High Risk	12	10.6	22.6
Yukon	Inactive Wells	Low Risk	513	604.1	1,117.1
Yukon	Inactive Wells	Medium Risk	173	29.0	202.0
Yukon	Inactive Wells	High Risk	173	29.0	202.0
Yukon	Abandoned Wells	Low Risk	227	198.2	425.2
Yukon	Abandoned Wells	Medium Risk	304	89.0	393.0
Yukon	Abandoned Wells	High Risk	12	10.6	22.6
Yukon	Total Wells		1,338	277.8	1,615.8
Northwest Territories	Active Wells	Low Risk	227	198.2	425.2
Northwest Territories	Active Wells	Medium Risk	304	89.0	393.0
Northwest Territories	Active Wells	High Risk	12	10.6	22.6
Northwest Territories	Inactive Wells	Low Risk	513	604.1	1,117.1
Northwest Territories	Inactive Wells	Medium Risk	173	29.0	202.0
Northwest Territories	Inactive Wells	High Risk	173	29.0	202.0
Northwest Territories	Abandoned Wells	Low Risk	227	198.2	425.2
Northwest Territories	Abandoned Wells	Medium Risk	304	89.0	393.0
Northwest Territories	Abandoned Wells	High Risk	12	10.6	22.6
Northwest Territories	Total Wells		1,338	277.8	1,615.8
Nunavut	Active Wells	Low Risk	227	198.2	425.2
Nunavut	Active Wells	Medium Risk	304	89.0	393.0
Nunavut	Active Wells	High Risk	12	10.6	22.6
Nunavut	Inactive Wells	Low Risk	513	604.1	1,117.1
Nunavut	Inactive Wells	Medium Risk	173	29.0	202.0
Nunavut	Inactive Wells	High Risk	173	29.0	202.0
Nunavut	Abandoned Wells	Low Risk	227	198.2	425.2
Nunavut	Abandoned Wells	Medium Risk	304	89.0	393.0
Nunavut	Abandoned Wells	High Risk	12	10.6	22.6
Nunavut	Total Wells		1,338	277.8	1,615.8

Using public data and XI's standard WCSB retirement cost model, AssetBook ARO Manager lets you quickly estimate the retirement costs associated with any asset, group of assets, or company. Results are broken down by province and by gross and working interest ownership. Assets are classified by age, risk class, and activity.

## A tool made for professionals working in:



Business Development



A&D



Mergers



Land



Finance



Operations



Environmental/Liability  
Management



Legal Council

Learn more about the **AssetBook ARO Manager**  
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