



# EXPRESS™ DATABASE – PPDM WELLS AND LAND

## Express™ Database – PPDM Wells and Land

Express™ provides the advantage of fully modeled PPDM compliant wells and land data bases for Western Canada. The data are sourced from Government offices and updated monthly. With Express™ you can focus your time and effort on building useful applications based on consistent data instead of managing and loading data.

## Industry Standard PPDM Database

CWD's Express™ Database provides up-to-date general well data, production data, injection data, AOF, BHOP, crown data, freehold mineral rights, land sale postings, reserves data, and gas analysis data in the PPDM 3.71 schema for the Western Canadian provinces of Alberta, Saskatchewan, British Columbia and Manitoba. The database is updated monthly and available in Oracle and SQL Server formats.

## Enhanced Formation Tops Data

Express™ includes Enhanced Formation Tops data. CWD Formation Tops fill the gaps in government formation data coverage providing precise and consistent picks throughout the WCSB. Through regional mapping and well log correlation the well formation coverage establishes a regional perspective by providing a standardized stratigraphic column. We have also added detailed stratigraphic formation equivalence codes (Eras, Periods, Epochs, Stages) for every formation in the database. The dataset includes over 6 million additional formation tops, including picks for 180,000 wells where no government picks are available.

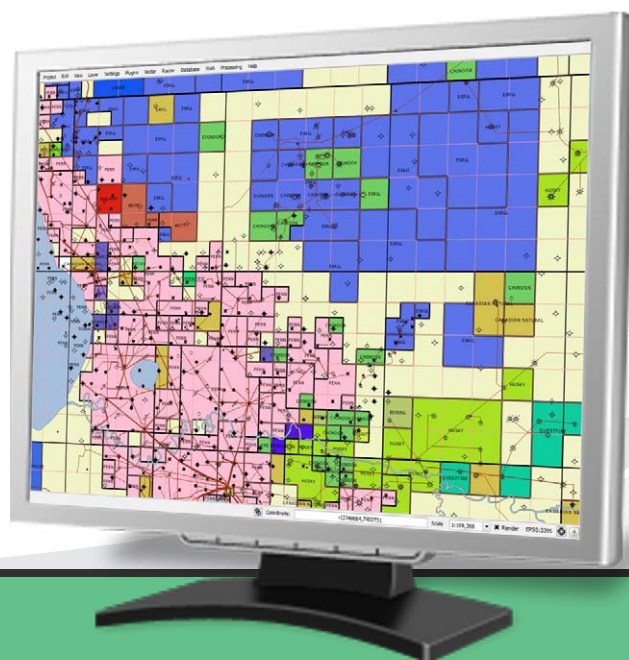
## Land Data

CWD Land Data provides Western Canadian public and private mineral rights; combining open, held, and disposed crown rights, unitized land, freehold, native land, and provincial land sale postings in a single PPDM database. The dataset adds title details to freehold land polygons, allowing you to view mineral rights tract details, lists of caveats and encumbrances and ownership details. CWD Land data offers data delivery options, with support for relational database and spatial GIS application delivery.

## Delivery Options

CWD offers a variety of delivery choices.

- Secure real time connection to the CWD Data Center via Oracle Client
- Monthly SQL Server or Oracle Database delivered by direct download or DVD delivery
- Monthly Land and Well Spatial Data downloads for ArcGIS



*Up-to-Date and Ready to Use,  
High Quality Oil and Gas Data*

<b>DATA SETS</b>	<b>AB</b>	<b>BC</b>	<b>SK</b>	<b>MB</b>
<b>Well Header</b> (Includes Casing Summaries, Log Summaries, Core Summaries, Cementing Data, Plugs, Occurrences)	CWD	CWD	CWD	CWD
<b>Standard Formation Tops</b>	CWD	CWD	CWD	CWD
<b>Enhanced Formation Tops</b>	CWD	CWD	CWD	CWD
<b>Well Locations</b>	CWD	CWD	CWD	CWD
<b>Well Tests</b>	CWD	CWD	CWD	CWD
<b>Well Completions</b>	CWD	CWD	CWD	CWD
<b>Reference Well Formations</b>	CWD	CWD	CWD	CWD
<b>Core Analysis</b>	CWD			
<b>Gas Analysis</b>	CWD	CWD		
<b>Oil Analysis</b>	CWD	CWD		
<b>Water Analysis</b>	CWD	CWD		CWD
<b>Production History &amp; Injection</b>	CWD	CWD	CWD	CWD
<b>Gas Well AOF/Pressure</b>	CWD	CWD		
<b>Oil Well BHP Survey</b>	CWD	CWD		
<b>Hydrocarbon Reserves</b>	CWD	CWD	CWD	
<b>Standard Pipelines and Facilities</b>	CWD			
<b>Enhanced Pipelines and Facilities *</b>	GDM	GDM	GDM	GDM
<b>DSTs</b>	CWD	CWD	CWD	CWD
<b>Grid Data</b>	DVT	DVT	DVT	DVT
<b>Culture Data</b>	DVT	DVT	DVT	DVT
<b>Land Held Crown</b>	CWD	CWD	CWD	
<b>Land Open Crown</b>	CWD	CWD	CWD	
<b>Land Sale Postings</b>	CWD	CWD	CWD	
<b>Land Native</b>	CWD	CWD	CWD	CWD
<b>Land Freehold</b>	CWD	CWD	CWD	
<b>Directional Surveys *</b>	DVT	DVT	DVT	DVT

\* Third party data sets

<b>CWD Data</b>	CWD
<b>GDM Data</b>	GDM
<b>Divestco Data</b>	DVT
<b>NO data available</b>	

Learn more about Canada's only independent oil and gas data source:

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