



Guide 01

2010 Catalogue

Publications, Maps and Services

2010 Catalogue

Publications, Maps and Services

ENERGY RESOURCES CONSERVATION BOARD

Guide 01: 2010 Catalogue: Publications, Maps, and Services

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Web site: www.ercb.ca

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Introduction

Data Dissemination

One of the major functions of the ERCB is to provide access to data and information about the energy industry. Two areas of the ERCB are the primary sources for public data and records:

- **Core Research Centre**
- **Information Services**

How to Order

Unless otherwise indicated, all orders are placed with Energy Resources Conservation Board Information Services
640 - 5 Avenue SW
Calgary, Alberta T2P 3G4

Open weekdays: 9:00 a.m. to 3:00 p.m.
Telephone service: 8:00 a.m. to 4:30 p.m.
Telephone: (403) 297- 8311, press 2
Fax: (403) 297-7040
E-mail: infoservices@ercb.ca

All orders placed through Information Services should include the following information:

- company name, address, postal code, and telephone number
- personal name as authorization
- publication title, number, year, and number of copies required

Payment may be in cash or charged to VISA, MasterCard, or Debit card. An ERCB account may be requested; certain terms and conditions apply. Please contact the ERCB Customer Contact Centre at 297-8311 for more information.

Prices

Prices listed are in effect January 1, 2010, and are subject to change.

GST, Postage, and Handling

GST, postage, and handling will be added to the item prices, including subscription items, as appropriate.

Please contact Information Services: Telephone 403-297-8311, press 2 for confirmation of exact price.

Publication Formats

Historically, paper has been the dissemination format standard for most of the ERCB's publications and documents. In an ongoing effort to reduce costs, lessen the environmental impact, and provide our customers with more timely and convenient information, most publications highlighted in the *2010 Catalogue* will be offered in an electronic format. Effective January 1, 2001, this format is the ERCB's dissemination standard. **Paper copies are still available, but upon REQUEST ONLY and for an additional charge.**

The ERCB is committed to the electronic dissemination of information and data. However, due to the changing

nature of technology, the ERCB does not guarantee that the data will be readable over time. Factors such as the quality and conditions of storage, as well as the availability of appropriate software or hardware to support, extract, or maintain the data, will affect its longevity. Customers are cautioned not to rely on any electronic dissemination medium, including but not limited to diskettes or CDs, for long-term archival purposes. Consideration should be given to transferring data to a lasting format or to identifying appropriate migration strategies. The ERCB is not responsible for any costs incurred due to conversion, installations, or improvement of ERCB data files. **Refunds for electronic information will only be considered if there is a demonstrable fault with the media.**

Complete Collection

A complete collection of ERCB publications and transcripts are available for viewing at Energy Resources Conservation Board Library
640 - 5 Avenue SW
Calgary, Alberta T2P 3G4
Telephone: (403) 297-8242
Fax: (403) 297-3517
E-mail: library@ercb.ca
Open weekdays: 12:00 noon to 4:00 p.m.

Geological reports, maps and datasets are available from Alberta Geological Survey.

Web site: www.ags.gov.ab.ca

Customer Contact Centre (CCC)

The CCC provides access to ERCB staff, knowledge, and general information.
Telephone: (403) 297-8311, press 0
E-mail: inquiries@ercb.ca
Open weekdays: 8:00 a.m. to 4:30 p.m.

Freedom of Information and Protection of Privacy (FOIP)

For records not available through the ERCB's primary sources, a FOIP request may be made to The FOIP Coordinator
ERCB Law Branch
640 - 5 Avenue SW
Calgary, Alberta T2P 3G4
Telephone: (403) 297-8311
Fax: (403) 297-7031

Petroleum Registry Contacts

Information Line: (403) 297-6111
Toll-free number: 1-800-992-1144
Petroleum Registry: (ERCB) email: pa.help@gov.ab.ca
Fax: (403) 297-7303
Petroleum Registry: (DOE)
email: petroleumregistry.energy@gov.ab.ca
Fax: (403) 297-3665
Web site: www.petroleumregistry.gov.ab.ca

Introduction

Subscriptions

Subscription periods run from January through December. New subscriptions begin on the first day of the month. The fee is prorated according to the number of months remaining in the year.

Subscriptions are automatically renewed at the current price (subject to change) commencing on January 1 of each year. **There are no refunds for cancelled subscriptions.** GST, postage, and handling are added as appropriate.

Disclaimer

The ERCB makes no representation, warranties, or guarantees, expressed or implied, for the fitness of the data with respect to intended use.

Regulatory Requirements

Acts and Regulations: Official Office Consolidations

ERCB Office Consolidations of the Acts and Regulations previously prepared and sold by the ERCB are no longer available. The latest consolidations may be purchased from the Queen's Printer office in Edmonton or found on and printed from the Queen's Printer Web site at <www.gov.ab.ca/qp> or the ERCB Web site at <www.ercb.ca>.

Acts and Regulations administered by the Energy Resources Conservation Board, as published by the Queen's Printer, are available from

Alberta Queen's Printer Book Store
Main Floor, Park Plaza
10611 – 98 Avenue
Edmonton, Alberta T5K 2P7
Telephone: (780) 427-4952
Fax: (780) 452-0668

Directives and Bulletins

The ERCB continues to work on an initiative to review and streamline ERCB requirements contained in interim directives, informational letters, and guides, as well as to update and clarify the requirements. First, the ERCB will issue only "directives," which replace interim directives, informational letters, and guides. Directives are documents setting out new or amended ERCB requirements or processes to be implemented and followed by licensees, permittees, and other approval holders under the jurisdiction of the ERCB. Existing interim directives, informational letters, and guides will be reviewed and renamed as the initiative progresses. ERCB guides with requirements have now been reissued as directives.

Second, the ERCB has renamed general bulletins as "bulletins." These contain announcements to inform the energy industry and the public of an ERCB activity, such as a consultation, a new program, electronic submission of data, or a new publication. Bulletins do not set out ERCB requirements. If not found on the ERCB Web site, bulletins are available on request from the ERCB.

Individual Current

Bulletins—No Charge (N/C)

Directives will be charged on a cost recovery basis.

Please see specific Directive for pricing information.

Subscriber List

Bulletins (annual subscription)

ERCB Web site N/C

New releases are posted to the ERCB Web site at www.ercb.ca or you can subscribe to RSS feeds through the ERCB Web site.

Individual Superseded or Noncurrent

ILs, IDs, and GBs are available from Information Services at current retrieval and copy charge rates.

Serial Publications

ST1: Well Licences Issued Daily List

Includes (for licences issued)

- well name and identifier
- ground elevation
- licensee
- coordinates
- field
- mineral rights
- drilling operation
- well type substance
- licence number
- Lahee classification
- estimated total depth
- licensee
- terminating zone
- well purpose

Annual subscription, issued daily

Faxed \$311

CD \$4,586

Format: ASCII Text

[Available on the ERCB Web site](#) - NC

ST2: Alberta Drilling Progress Weekly Report

Includes

- drilling activity
- defined fields
- undefined fields
- drillstem tests
- new licences
- status changes

Annual subscription, issued weekly

Via FTP server \$480

Single issue CD or E-mail \$17

Format: PDF and ASCII Text

ST3: Alberta Energy Resource Industries Monthly Statistics

Includes supply and disposition of crude oil and equivalent, natural gas, and gas products for the province

[Available on the ERCB Web site](#) - NC

ST13A: Alberta Gas Plant Statistics

Includes annual summary of gas processing plant and gas gathering system receipts and disposition volumes, liquid and sulphur products from plant processing for the past 10 years. Published annually and the current year to date published monthly

Historical (1961- 1994) on microfilm \$115

Data for prior 10 years CD \$240

Format: PDF

Current year to date CD \$35

Format: PDF

[Available on the ERCB Web site](#) - NC

ST13B: Alberta Gas Plant/Gathering System Activities

Includes monthly gas processing plant and gas gathering system receipts and disposition volumes, liquid and sulphur products from plant processing for the current year

Single issue CD \$25

Format: PDF and Excel

[Available on the ERCB Web site](#) - NC

ST13C: Alberta Gathering System Activities

ST13C contains the monthly volumetric data for gas gathering systems. Activities such as production, receipts, dispositions, and processes are reported for gas and liquid products. A zero value in the balance column indicates that the activities at these facilities are in balance. The data is extracted once a month from the Petroleum Registry. Each month of the current year will be refreshed up to and including the December publication

[Available on the ERCB Web site](#) - NC

Single issue CD \$25

Format: CSV

ST16: Pool/Deposit Production and Injection Record

Includes

- monthly and cumulative data by field and pool from 1962
- oil, gas, bitumen, and water production
- average oil and gas production per day
- average water-oil or gas-oil ratio
- water disposal and injection

Annual subscription, issued quarterly

CD \$603

Single issue CD \$242

Format: PDF

ST26: Alberta Coal Industry Monthly Statistics

Includes

- coal production by type of mine
- supply and disposition of coal products by type

Annual subscription, issued monthly

Via FTP server \$49

Single issue CD or E-mail \$17

Format: PDF

ST31: Reserves of Coal, Province of Alberta (2000 edition)

Includes

- designated coal fields and coal deposits - detailed tabulation by fields and deposits of established reserves and of reserves within mine permit boundaries
- ultimate potentials by region
- summary of surface-mineable coal reserves in the Plains region by strip ratio
- sections on the geology and distribution of coal and the distribution of reserves contained in the land categories defined in "A Coal Development Policy for Alberta"
- reserves terminology and details of the determination of established reserves
- paper maps of "Coal in Alberta" and "Significant Coal-bearing Formations"

Single Issue

Print \$164

CD \$131

Format: PDF

Serial Publications

ST37: List of Wells in Alberta Monthly Updates

Includes for all oil and gas wells drilled

- well name and identifier
- licensee
- field
- total depth
- pool codes
- status
- operator codes
- finished drilling date

See Information Sales section for ASCII format (p. 32).

Annual subscription (PDF), issued

Monthly \$1,834

Via FTP Server

Single issue CD \$382

Prorated to a minimum of single issue price

ST38: Crude Bitumen Reserves Atlas (1996 edition)

A reserves report containing maps used to determine the in-place volumes of crude bitumen in the Athabasca, Cold Lake, and Peace River oil sands areas. Includes maps showing features of the Athabasca Wabiskaw-McMurray surface-mineable area.

Single issue

Print \$169

CD \$136

Format: PDF

ST39: Alberta Oil Sands Plant Statistics

Monthly Supplement

Includes

- oil sands production, supplies, dispositions and inventory of oil sands and processing products for the current month and the preceding months of the current year.

Annual subscription, issued monthly

Via FTP server \$52

Single issue CD or E-mail \$17

Format: PDF and Excel

[Available on the ERCB Web site](#) - NC

ST41: Year In Review

Provides Albertans with information about what the ERCB did in the past year, along with a statistical overview of activity in Alberta's energy and utilities sectors.

First published under this title in 2004 covering the 2003 calendar year. Previous titled Year-End Review.

See Reports section

Available on yearinreview.ercb.ca - NC

ST42: Numbered Decision Reports and Examiners Reports

Decision reports on applications that have come before the ERCB. ERCB Library (Calgary) maintains an on-line index to access ERCB decisions. Inquire at the library about availability and charges (telephone: 403-297-8242; fax: 403-297-3517; e-mail: library@ercb.ca).

Annual subscription

Print \$344

Single report Print \$17

[Available on the ERCB Web site](#) - NC

ST43: Mineable Alberta Oil Sands Annual Statistics

Includes

- historical data on oil sands production, supplies, dispositions, and inventory of oil sands and processing products.
- Summaries the data for the prior production year and displays the annual totals for each previous year from 1993 onward.
- 1967 – 1990 data are summarized and displayed together.
- The data are collected from monthly submissions to the ERCB by oil sands operators in the province of Alberta.

Single issue CD \$60

Format: PDF

[Available on the ERCB Web site](#) – N/C

ST44: Active Oil Sands Schemes

Quarterly Edition

Includes

- oil sands primary, commercial and experimental schemes
- oil sands facilities
- approval number, effective and expiry dates, operator, geological formation, field or area, location of scheme and recovery method
- Note: See p. 26 for the Active Oil Sands Schemes Map

Annual subscription, issued quarterly

Via FTP server \$71

Single issue CD or E-mail \$27

Format: Excel

ST45: Coal Mine Atlas Operating and Abandoned Coal Mines in Alberta

4th edition, 2001

Includes

- names, locations, and owners
- production figures and life spans
- maps showing location, type, and size of mines
- locations of all current ERCB permits
- tables containing data on over 1800 mines

Single issue CD \$147

Format: PDF

[Available on the ERCB Web site](#) - NC

Serial Publications

ST48: Alberta Gas Removal and Related Applications

Monthly Edition

Includes

- list and status update of current and recent applications to the ERCB under the Gas Resources Preservation Act of Alberta
- monthly listing of Alberta gas and ethane removal permits in force
- list of permits terminated effective Sept. 1, 2002

Annual subscription, issued monthly

Via FTP server \$87

Single issue CD or E-mail \$17

Format: Excel

ST49: Daily Spud and Drilling Activity List

Includes for spud data reported the previous day

- spud data well name and licence number
- drilling contractor unique identifier
- proposed spud start date

[Available on the ERCB Web site](#) - NC

ST50A: Gas Processing Plants in Alberta (sorted by gas plant reporting facility ID code)

Includes

- list of gas plants in Alberta, identifying location and names associated with the gas plant reporting ID code
- plant operator, facility licence and design capacities
- licenced sulphur recovery efficiency and maximum daily emission rates

Annual subscription, issued quarterly

Via FTP server \$76

Single issue CD or E-mail \$27

Format: PDF and Excel

[Available on the ERCB Web site](#) - NC

ST50B: Gas Processing Plants in Alberta (sorted by gas plant facility licences)

Includes

- list of gas plants in Alberta, identifying location and names associated with the gas plant reporting ID code
- plant operator, facility licence and design capacities
- licenced sulphur recovery efficiency and maximum daily emission rates

Single issue CD or E-mail \$27

Format: PDF and Excel

[Available on the ERCB Web site](#) - NC

ST53: Alberta Crude Bitumen Production

Monthly Statistics

Production rates per calendar day for:

- commercial schemes, by operator and approval number
- primary recovery schemes, by operator and approval number
- conventional bitumen recovery, total
- experimental schemes, total

Annual subscription, issued monthly

Via FTP server \$109

Single issue CD or E-mail \$17

Format: Excel

ST55: Alberta's Base of Groundwater Protection (BGWP) Information

Base of Groundwater Protection (BGWP) database provides BGWP elevations (metres above sea level) for every Legal Subdivision (LSD) across Alberta, with exception of the mountainous region and the NE quarter of Alberta. The BGWP is the best estimate of the elevation at which saline groundwater is likely to occur.

Single issue CD \$113

Format: Access

BGWP elevations are also available through an individual well search

on the [ERCB Web site](#) – NC

ST56: Gas Production and Capability Summary

This report summarizes gas production, operating day rate, capability, and well counts by well type (gas, oil, other, and total). Operating day rate is the average production rate while a well was on production. Capability is the highest monthly production rate recorded for a well during the year. Data for 1962 to present are given by the year that a well came on production, along with the cumulative production to 1962. For all wells that came on production in a specific year, the data are given for each subsequent year to the present. Grand totals for all wells of each type are also given.

Annual subscription, issued quarterly

Via FTP server \$873

Single issue CD or E-mail \$300

Format: Excel

Serial Publications

ST57: Public Safety / Field Surveillance Provincial Summary
The Field Surveillance Operations Branch (formally Public Safety/Field Surveillance Branch) published ST57 in May 2009. This report details oil and gas industry's compliance with ERCB requirements, enforcement actions taken in cases of noncompliance, and the wide range of activities carried out by ERCB Field, Community and Aboriginal Relations and Emergency Planning and Assessment staff.

Annual
Price – NC
CD (PDF)
[Available on the ERCB Web site](#) – N/C

ST58: Oil & Gas Experimental Schemes Quarterly Edition

Includes
- active and terminated conventional oil and gas reservoir experimental schemes
- approval number, operator, effective and expiry dates, geological information, field or area, location of scheme, and recovery method

Annual subscription, issued quarterly
Via FTP server \$60
Single issue CD or E-mail \$17
Format: Excel

ST59: Alberta Drilling Activity Monthly Statistics

Includes
- well count by type – capable and operating
- capped gas wells
- licences issued and wells drilled by type
- development, exploratory, experimental, oil sands evaluation

[Available on the ERCB Web site](#) - NC

ST60: Crude Oil and Crude Bitumen Batteries Monthly Flaring, Venting, and Production Data

This information is being supplied in response to a recommendation by the Clean Air Strategic Alliance (CASA) project team, which suggested that if the availability of flared or vented solution gas data were published, the market may identify economic alternatives to flaring. S-2 data are published to facilitate evaluation of solution gas conservation and clustering opportunities for solution gas.

Annual subscription, issued monthly
Via FTP server \$573
Annual subscription, issued yearly
Via FTP server \$328
Single issue CD or E-mail \$33
Format: ASCII, Excel, PDF

ST60A: Crude Oil and Crude Bitumen Batteries Annual Flaring, Venting, and Production Data

This annual report provides a convenient method to identify the batteries flaring solution gas in the province. It allows operators and third parties to identify batteries where conservation of solution gas may be economically

viable. The overall objective is to reduce the volume of solution gas flared annually. Contains general information such as operator, battery location, and code, as well as volume of solution gas produced, flared, and vented and oil production.

Annual
CD \$33
Format: Txt

ST60B: Upstream Petroleum Industry Flaring and Venting Report: Industry Performance for the Year Ending December 31

This report provides a summary of flared and vented volumes for the various oil and gas industry sectors. It also reports in detail on solution gas conserved from oil and bitumen batteries. Tables show operators by rank based on solution gas flared, solution gas vented, total solution gas production, and total oil from crude oil and bitumen batteries. The operators are ranked provincially and by ERCB field center area. The top 25 gas producers, and top 25 companies venting solution gas are also listed.

Annual
Single issue
Print \$66
CD \$33
Format: PDF
[Available on the ERCB Web site](#) - NC

ST96: Pipeline Approval Disposition Daily Report Summary of pipeline permits and licences issued daily.

Includes
- permittee
- pipeline permit number
- pipe specifications
- approval date

Updated daily on the ERCB Web site – NC
Annual subscription, issued daily
Faxed daily \$240
Single issue \$17
[Available on the ERCB Web site](#) - NC

ST97: Facility Licences Issued Daily List Summary of surface facility licences issued each day. Includes new facilities and amendments to existing facilities.

[Available on the ERCB Web site](#) - NC

ST98: Alberta's Energy Reserves and Supply/Demand Outlook

Includes
- estimates of reserves for crude bitumen, crude oil, natural gas, natural gas liquids, coal, and sulphur for the province of Alberta
- supply and demand forecasts for Alberta's energy resources
- information on energy prices and economic performance

Serial Publications

- terminology and abbreviations
- separate CD with detailed tables in Excel format showing established reserves, other data on a field and pool basis for crude bitumen, crude oil, and natural gas

Report including CD and map showing designated oil and gas fields and oil sands deposits \$546

See Reports section

Report only N/C

[Available on the ERCB Web site](#) – NC (Report Only)

ST99: ERCB Provincial Surveillance and Compliance Summary

(combined with ST57: Field Surveillance Provincial Summaries Report and released as ST99)

In 2006 the ERCB launched the *ERCB Provincial Surveillance and Compliance Summary* (ST99-2006), which combined and replaced the previous reports ST57: Field Surveillance Provincial Summary and ST99: Proactive Compliance Report. This report details oil and gas industry's compliance with ERCB requirements, enforcement actions taken in cases of noncompliance, and the wide range of activities carried out by ERCB field staff.

[Available on the ERCB Web site](#) - NC

ST100: Pipeline Construction Notification Issued Daily List

Includes

- license name
- pipeline license number
- pipeline line number
- location
- pipeline length
- construction start date

[Available on the ERCB Web site](#) - NC

ST101: Sulphur Recovery and Sulphur Emissions at Alberta Sour Gas Plants

This annual report on sulphur recovery and sulphur emissions at sour gas plants provides a summary of industry performance following the implementation of *Interim Directive (ID) 2001-3: Sulphur Recovery Guidelines for the Province of Alberta*. This report provides information on plants that have been degrandfathered and tracks emission and sulphur inlet for these plants and summary information for nongrandfathered plants.

Annual

Single issue

CD \$33

Print \$66

Format: PDF and Excel (Appendices)

[Available on the ERCB Web site](#) - NC

ST102: Facility List

A complete list of batteries, gas plants, meter stations, and other facilities in the province. As well, the list has been upgraded to include additional information frequently requested by customers, such as operator name and facility sub-type description. Due to the size of the list, it will be in two parts: Part A – List of New and Active Facilities, and Part B – List of Other Facilities.

Annual subscription, issued

Annual CD \$175

Quarterly CD \$600

Monthly CD \$1376

Single issue CD (Text) \$165

Single issue CD (PDF) \$27

[Available on the the ERCB Web site](#) - NC

ST103: Field and Pool Code List

Includes

- list of formations

Annual subscription, issued monthly

CD \$87

Single issue CD \$17

Format: PDF

[Available on the ERCB Web site](#) - NC

ST104: Licensee Agent Code List

Single issue (alpha and numeric) CD \$17

Format: Excel

[Available on the ERCB Web site](#) - NC

ST104A: Business Associate Code List

This replaces the previously published Company Codes list. It provides Business Associate (BA) codes for companies. Includes licensees and agents as well as companies (e.g., drilling companies) that have codes but are not registered licensees or agents.

[Available on the ERCB Web site](#) - NC

ST105: PVT and Core Studies Index

Includes the following information:

- index of conventional PVT analysis, special PVT studies, special core analysis and coalbed analysis
- listings of analysis are grouped in ascending order by pool, field, and unique well identifier
- listings of analysis types and laboratories

Note: Data remains confidential for one year after analysis date.

Issued quarterly

Single issue

Print \$71

CD \$38

Format: PDF

[Available on the ERCB Web site](#) - NC

Serial Publications

ST106: Index of Board Orders

Index by field and area that lists all active oil, oil sands, and gas-related orders.

See Information Sales other Board Orders.

Annual subscription, issued monthly

CD \$873

Single issue CD \$115

Format: PDF

[Available on the ERCB Web site](#) - NC

ST107: ERCB Approved Oilfield Waste Management Facilities

The ERCB maintains the following list of approved oilfield waste management facilities. These facilities are considered third-party receivers and can accept upstream oilfield waste from various sites and various generators.

[Available on the ERCB Web site](#) - NC

ST108: ERCB Monthly Enforcement Action Summary

Summarizes High Risk Enforcement Action 1, High Risk Enforcement Action 2 (Persistent Noncompliance), High Risk Enforcement Action 3 (Failure to Comply or Demonstrated Disregard), Low Risk Enforcement Action – Global REFER and Legislative/Regulatory Enforcement Action noncompliance enforcement information, including company names.

[Available on the ERCB Web site](#) - NC

ST109: ERCB Monthly Coalbed Methane Well Locations

This report provides a monthly, system-generated listing of ERCB-identified coalbed methane (CBM) well locations in Alberta. These well locations are drilled, non-confidential, not abandoned, and identified as producing from coals.

[Available on the ERCB Web site](#) - NC

Guides and Brochures

EnerFAQs

A series of brochures designed to provide answers to frequently asked questions on the development of Alberta's energy resources and the role of the Energy Resources Conservation Board.

1. What is the Energy Resources Conservation Board
2. Having Your Say at an ERCB Hearing
3. Inspections and Enforcement of Energy Developments in Alberta
4. All About Critical Sour Wells
5. Explaining ERCB Setbacks
6. Flaring and Incineration
7. Proposed Oil and Gas Development: A Landowner's Guide
8. Coalbed Methane
9. The ERCB and You: Agreements, Commitments, and Conditions
10. Public Health and Safety: Roles and Responsibilities of Agencies That Regulate Upstream Oil and Gas
11. All About Appropriate Dispute Resolution (ADR)
12. Oil Sands
13. Emergency Response Preparedness in the Energy Industry

Please check the ERCB web site for the most up-to-date versions of EnerFAQs at www.ercb.ca

N/C for first 10 copies

Additional copies (black and white) \$1 each

Additional copies (coloured) \$2 each

[Available on the ERCB Web site](#) - NC

Across the Board

A newsletter produced by the ERCB containing articles about issues of current interest and information on ERCB activities.

[Available on the ERCB Web site](#) - NC

Monthly subscription via email

Contact acrosstheboard@ercb.ca

Guide 1: Catalogue—Publications, Maps, and Services

Describes the information, products, and data available from the Energy Resources Conservation Board. The Web version of the catalogue is updated regularly throughout the year and represents the most current information available on ERCB information products.

Annual

[Available on the ERCB Web site](#) - NC

Petroleum Play

A children's activity book about Alberta's oil and gas industry, designed for Alberta's grade four curriculum.

N/C – for school use

Other - \$2.00/booklet

Online version at www.kidzone.ercb.ca/noflash.html

Directives

Directives are documents setting out new or amended ERCB requirements or processes to be implemented and followed by licensees, permittees, and other approval holders under the jurisdiction of the ERCB. All ERCB guides with requirements have now been reissued as directives.

The most current version of all Directives are available for no charge on the ERCB web site at www.ercb.ca or you may order them from ERCB Information Services.

Directive 001

Requirements for Site Specific Liability Assessments in Support of the ERCB's Liability Management Programs
CD 11.00 Paper 16.00

Directive 004

Determination of Water Production at Gas Wells
CD 16.00 Paper 49.00

Directive 005

Calculating Subsurface Pressure via Fluid-Level Recorders
CD 16.00 Paper 49.00

Directive 006

Licensee Liability Rating (LLR) Program and License Transfer Process
CD 11.00 Paper 16.00

Directive 007

Volumetric and Infrastructure Requirements (formerly Production Accounting Handbook)
CD 49.00 Paper 82.00

Directive 007-1

Allowables Handbook
CD 16.00 Paper 55.00

Directive 008

Surface Casing Depth Minimum Requirements
CD 16.00 Paper 49.00

Directive 009

Casing Cementing Minimum Requirements
CD 11.00 Paper 16.00

Directive 010

Minimum Casing Design Requirements
CD 16.00 Paper 49.00

Directive 011

Licensee Liability Rating (LLR) Program Updated Industry Parameters and Liability Costs
CD 11.00 Paper 16.00

Directive 013

Suspension Requirements for Wells
CD 11.00 Paper 16.00

Directive 017

Measurement Requirements for Upstream Oil and Gas Operations
CD 11.00 Paper 16.00

Directive 019

ERCB Compliance Assurance- Enforcement
CD 11.00 Paper 16.00

Directive 020

Well Abandonment Guide
CD 60.00 Paper 93.00

Directive 021

Standards for the Submission of Digital Log Data to the ERCB
CD 11.00 Paper 16.00

Directive 022

Use of Bimodal High-Density Polyethylene Pipe in Oil and Gas Service
CD 11.00 Paper 16.00

Directive 023

Guidelines Respecting an Application for a Commercial Crude Bitumen Recovery and Upgrading Project
CD 11.00 Paper 16.00

Directive 024

Large Facility Liability Management Program
CD 11.00 Paper 16.00

Directive 025

Industrial Development Permit Applications to the ERCB Guide to Content
CD 11.00 Paper 16.00

Directive 026

Setback Requirements for Oil Effluent Pipelines
CD 11.00 Paper 16.00

Directive 027

Shallow Fracturing Operations – Restricted Operations
CD 11.00 Paper 16.00

Directive 029

Energy and Utility Development Applications and the Hearing Process
CD 11.00 Paper 16.00

Directive 030

Digital Data Submission of the Annual Oilfield Waste Disposition Report
CD 11.00 Paper 16.00

Directive 031

Guidelines for Energy Proceeding Cost Claims
CD 11.00 Paper 16.00

Guides and Brochures

Directive 032

Common Gas Purchaser and Related Matters
Board Policy and Views
CD 11.00 Paper 16.00

Directive 033

Well Servicing and Completions Operations – Interim
Requirement Regarding the Potential for Explosive
Mixtures and Ignition in Wells
CD 11.00 Paper 16.00

Directive 034

Gas Well Testing Theory and Practice
4th edition, 1979, CD (PDF) (SI units) \$71
3rd edition, 1975 (imperial units)
\$9 retrieval charge plus \$0.65 per microfiche card
For educational institutions and students \$38

Directive 035

Baseline Water Well Testing Requirement for Coalbed
Methane Wells Completed
CD 11.00 Paper 16.00

Directive 036

Drilling Blowout Prevention Requirements and Procedures
CD 33.00 Paper 66.00

Directive 037

Service Rig Inspection Manual
CD 33.00 Paper 66.00

Directive 038

Noise Control
CD 11.00 Paper 16.00

Directive 039

Revised Program to Reduce Benzene Emissions from
Glycol Dehydrators
CD 11.00 Paper 16.00

Directive 040

Pressure and Deliverability Testing Oil and Gas Wells
Minimum Requirements and Recommended Practices
CD 33.00 Paper 66.00

Directive 041

Adoption of CSA Z662-03, Annex N, as Mandatory
CD 11.00 Paper 16.00

Directive 042

Measurement, Accounting, and Reporting Plan (MARP)
Requirement for Thermal Bitumen Schemes
CD 11.00 Paper 16.00

Directive 043

Well Logging Requirements-Surface Casing Interval
CD 11.00 Paper 16.00

Directive 044

Requirements for the Surveillance, Sampling, and
Analysis of Water Production in Oil and Gas Wells
Completed Above the Base of Groundwater Protection
(BGWP)
CD 11.00 Paper 16.00

Directive 045

Digital Data Submission of Drilling Waste Disposal
Notification
CD 11.00 Paper 16.00

Directive 046

Production Audit Handbook
CD 33.00 Paper 66.00

Directive 047

Waste Reporting Requirements for Oilfield Waste
Management Facilities
CD 11.00 Paper 16.00

Directive 048

Monthly Custom Treating Plant Statement
CD 11.00 Paper 16.00

Directive 049

Gas Density Measurement Frequency (Orifice Meters)
CD 16.00 Paper 49.00

Directive 050

Drilling Waste Management
CD 60.00 Paper 93.00

Directive 051

Injection and Disposal Wells
Well Classifications, Completion, Logging, and Testing
Requirements
CD 16.00 Paper 49.00

Directive 054

Performance Presentations, Auditing, and Surveillance of
In Situ Oil Sands Schemes Issued
CD 11.00 Paper 16.00

Directive 055

Storage Requirements for the Upstream Petroleum
Industry
CD 33.00 Paper 66.00

Directive 056

Energy Development Applications and Schedules
CD 60.00 Paper 93.00

Directive 057

Fencing and Site Access Requirements for Oil and Gas
Facilities
CD 11.00 Paper 16.00

Directives

Directive 058

Oilfield Waste Management Requirements for the Upstream Petroleum Industry
Addendum 2008-12-23: Oilfield Waste Management Facility Approvals – Notification and Amendment Procedures.
CD 60.00 Paper 93.00

Directive 058 Forms (see Information Sales)

Directive 059

Well Drilling and Completion Data Filing Requirements
CD 33.00 Paper 66.00

Directive 060

Upstream Petroleum Industry Flaring Guide
CD 33.00 Paper 66.00

Directive 61 (formerly Guide 2)

How to Apply for Government Approval of Coal Projects in Alberta
CD 33.00 Paper 66.00

Directive 062

Coalbed Methane Control Well Requirements and Related Matters
CD 11.00 Paper 16.00

Directive 063

Requirements and Procedures for Oilfield Waste Management Facilities
CD 44.00 Paper 76.00

Directive 064

Requirements and Procedures for Facilities
CD 44.00 Paper 76.00

Directive 065

Resources Applications for Conventional Oil and Gas Reservoirs
CD 60.00 Paper 93.00

Directive 066

Requirements and Procedures for Pipelines
CD 33.00 Paper 66.00

Directive 067

Applying for Approval to Hold ERCB Licenses
CD 11.00 Paper 16.00

Directive 068

ERCB Security Deposits
CD 11.00 Paper 16.00

Directive 070

Drilling Waste Disposal Inspection Manual
CD 33.00 Paper 66.00

Directive 071

Emergency Preparedness and Response Requirements for the Upstream Petroleum Industry
2009-11-24 Errata released

CD 33.00 Paper 66.00

Directive 072

Well Abandonment Notification Requirements
CD 11.00 Paper 16.00

Directive 073

Requirements for Inspection and Compliance of Oil Sands Mining and Processing Plant Operations in the Oil Sands Mining Area
CD 33.00 Paper 66.00

Directive 074

Tailings Performance Criteria and Requirements for Oil Sands Mining Schemes
CD 11.00 Paper 16.00

Directive 075

Oilfield Waste Liability (OWL) Program
CD 11.00 Paper 16.00

Directive 076

Operator Declaration Regarding Measurement and Reporting Requirements
CD 11.00 Paper 16.00

Reports

Note: Reports not listed here are out of print but may be available on microfiche from Information Services or in the ERCB Library.

D 88-D: Alberta Ethane Policy Report on Implementation
Report on an inquiry to consult with industry on the Alberta government's ethane policy and to report on its implementation. The report includes a forecast of ethane supply and demand, considerations on the availability of ethane to the Alberta ethane/ethylene petrochemical project, determination of facilities to be part of the policy, procedures for supplying ethane to the straddle plant system, and procedures to be used for expedient processing of field plant applications.

April 1988
Single issue
CD \$17
Print \$49
Format: PDF

[Available on the ERCB Web site](#) - NC

89-AA: Water Recycle Guidelines and Reporting of Water Use Information for In Situ Oil Sand Facilities in Alberta
Deals with the decision of Alberta Environment and the ERCB respecting water recycle guidelines and reporting of water use information for in situ oil sands facilities in Alberta. Includes the requirements for recycling of produced water and guidelines for regulatory applications and water use reporting.

May 1989
Single issue CD N/C
Format: PDF

[Available on the ERCB Web site](#) - NC

90-B: Field Measurement Program and Gascon2/Risk Approach

The complete report is contained within 10 volumes plus 1 background paper. This scientific study represents one of the first of its kind in the world. Individual volumes outline the research project to gather field data of actual downwind concentrations of a harmless SF6 tracer gas released during generally calm conditions (low wind speed, stable and neutral meteorological conditions), gather comprehensive meteorological data for an extended period, evaluate the GASCON model with field data, and develop methods for estimating the consequences and risks associated with various uncontrolled sour gas releases.

The report is available for viewing at the ERCB Calgary Library as well as other libraries across Canada.

October 1990

Complete 10-volume set + Background \$349
Field Measurement Program (Volumes 1 through 4) \$175
GASCON2/Risk Approach (Volumes 5 through 8) \$175
Individual volumes (Volumes 1 through 7) - each \$60
Individual volumes (Volumes 9 through 10) N/C
CD (PDF)

90-B: VOL 1—Field Measurement Program Atmospheric Dispersion Tracer Study Under Stable Conditions and Meteorological Study (500 pages)

Details the organization, approach, objectives, and methods used within the field study.

90-B: VOL 2—Field Measurement Program Appendices to Volume 1 - Appendix A (600 pages)

Contains statistics for each plume traverse and the corresponding meteorological conditions.

90-B: VOL 3—Field Measurement Program Appendices to Volume 1 - Appendices B Through D (400 pages)

Contains statistics collected at stationary analyzers.

90-B: VOL 4—Field Measurement Program GASCON2 Evaluation (400 pages)

Contains the results of the Field Measurement Program as applied to the original GASCON model (1987 version), plus a comparison of the performance of the GASCON2, GASCON, and Simple Gaussian models.

90-B: VOL 5—GASCON2: A Model to Estimate Ground Level H₂S and SO₂. Concentrations from Uncontrolled Sour Gas Releases (300 pages) (Concord)

A technical document that outlines the theory, mathematical relationships, assumptions, and organization of the GASCON2 model.

Reports

90-B: VOL 6—Risk Approach: An Approach for Estimating Risk to Public Safety from Uncontrolled Sour Gas Releases (150 pages)

Provides an approach for calculating individual and societal risk given the probability of lethality. Includes concept of frequency analysis using Fault Tree Analysis. Examples for certain well and pipeline cases, presented in GASCON2, are included.

90-B: VOL 7—Risk Approach: ERCB Supplemental Appendices to Volumes 5 and 6 (150 pages)

Contains historic operation and failure statistics for sweet and sour pipelines and wells in Alberta. Includes new information on the toxicity of H₂S based on the PROBIT method for describing the variability of the biological response.

90-B: VOL 8—GASCON2 User Guide (30 pages) (ERCB and Concord)

Not available separately - only available with purchase of the GASCON2 Model (see description in Section "Electronic Data Services"). Describes the requirements and input variables needed to run the GASCON2 computer model. The guide is designed for specialists familiar with the use of an IBM Personal Computer (or compatible) and the technical and atmospheric theory contained in Volume 5.

90-B: VOL 9—Review of GASCON2 (Version 2.1) (Jan 1992) Commentary of Scientific Advisory Board.

90-B: VOL 10—Summary (150 pages) (ERCB and Concord)
Summarizes the ERCB Field Measurement Program and Concord Environmental Corporation GASCON2 Risk Approach. Includes summaries for Volumes 1 through 8.

Background (12 pages)

**91-AA: Interim Report—The Oslo Project
A Commercial Oil Sands Project**

Interim report of the OSLO Application Review Team.

November 1991

Single issue CD N/C

Format: PDF

**92-B: Review of the Operation of Nova's Pipeline System:
Issues and Recommendations**

Includes a review of the regulatory framework under which Nova currently operates, alternate methods of regulation, and recommendations.

July 1992

Single issue CD N/C

Format: PDF

92-C: Nova Pipeline Failure James River Interchange
Review of the January 1992 gas pipeline failure on the Nova pipeline system adjacent to the James River interchange.

August 1992

Single issue CD N/C

Format: PDF

97-A: Policy Review of Solution Gas Flaring and Conservation in Alberta

A study initiated by the ERCB to identify public concerns about environmental impacts from solution gas flaring. The report outlines the findings involving public and industry focus groups in the context of existing regulations and policies.

June 1997

Single issue CD N/C

Format: PDF

[Available on the ERCB Web site](#) - NC

**98-G: Pipeline Performance in Alberta
1980 - 1997**

December 1998

Single issue CD N/C

Format: PDF

Report 2003-A

Athabasca Wabiskaw – McMurray
Regional Geological Study

Single issue

Print \$87

CD \$33

Format: PDF

[Available on the ERCB Web site](#) - NC

2004-A: Alberta Single Well Gas Pool Drainage Area Study

Documents findings of a study initiated by the ERCB in 2002. Involved a review of expected ultimate gas recovery for 7000 nonassociated single-well pools throughout the province to determine their drainage area.

CD (PDF) \$27

Print \$55

[Available on the ERCB Web site](#) - NC

2005-A: Alberta's Ultimate Potential for Conventional Natural Gas

Includes detailed geological analysis, forecast of gas supply and demand, economic analysis and includes detailed geological analysis and forecast of future conventional natural gas supply

March 2005

Report N/C

CD (report, supplemental information): N/C

CD (report, supplemental information, and database):

(ASCII) \$4,586

[Available on the ERCB Web site](#) - NC

Reports

2007-A: Pipeline Performance in Alberta 1990 – 2005

This report provides statistics and commentary regarding: the lengths, sizes, and materials of construction used for pipelines in Alberta, the number of pipeline failures and their causes, the failure frequency, normalized year to year, spill volumes, number of pipeline hits and number of test failures

May 2007

Single issue

Print \$53

CD \$16

Format: PDF

[Available on the ERCB Web site](#) - NC

ST98: Alberta's Energy Reserves and Supply/Demand Outlook Why have these been placed here?

Includes

- estimates of reserves for crude bitumen, crude oil, natural gas, natural gas liquids, coal, and sulphur for the province of Alberta
- supply and demand forecasts for Alberta's energy resources
- information on energy prices and economic performance
- terminology and abbreviations
- separate CD with detailed tables in Excel format showing established reserves, other data on a field and pool basis for crude bitumen, crude oil, and natural gas

Report including CD and map showing designated oil and gas fields and oil sands deposits \$500

[Available on the ERCB Web site](#) – NC (Report Only)

2009 (2008 data)

ST41: Year In Review

Provides Albertans with information about what the EUB did in the past year, along with a statistical overview of activity in Alberta's energy and utilities sectors.

First published under this title in 2004 covering the 2003 calendar year. Previous titled Year-End Review.

[Available on the ERCB Web site](#) - NC

Report 2009-A

Updates to Storage Requirements for the Upstream Petroleum Industry – Discussion Document on Directive 055

[Available on the ERCB Web Site](#) - NC

Report 2009-B

Status Report on Enhanced Groundwater Protection Efforts Under Directive 044: Requirements for the Surveillance, Sampling, and Analysis of Water Production in Oil and Gas Wells Completed Above Base of Groundwater Protection

[Available for the ERCB Web Site](#) - NC

Report 2009-C: Risk to Water Wells of Pathogens in Drilling Fluids

Professional opinion based on an extensive review of literature and professional experience.

[Available on the ERCB Web site](#) - NC

Special Reports

Special Reports

The reports in this section are either:

- published by the ERCB as unnumbered reports (i.e., not part of any ERCB numbered report series), or
- not published by the ERCB, but distributed by it.

Administrative Procedures for Preparing an Environmental Impact Assessment

Contains information, guidelines, and flow chart regarding the environmental impact assessment process for energy projects.

November 1993

Single issue CD N/C

Format: PDF

Alberta Ministry of Energy Annual Report

Report on the activities of the Department of Energy and the EUB. The EUB portion includes a summary of core business areas, quantitative highlights of activities during the year, analysis of key initiatives and their results, and future challenges.

[Available on the Department of Energy Web site](#) - NC

BP Canada Energy Company Ethane Cavern Well Fires Fort Saskatchewan, Alberta, August/September 2001:

EUB Post Incident Report

This report summarizes the Alberta Energy and Utilities Board (EUB) findings concerning the BP Canada Energy Company (BP) ethane cavern well fires, providing all stakeholders with a common frame of reference for EUB conclusions and associated recommendations and actions taken to prevent a recurrence.

Single issue Print N/C

[Available on the ERCB Web site](#) - NC

Compliance Assurance-Enforcement Brochure

This brochure outlines the ERCB's enforcement approach, which is designed to ensure each company accepts its responsibility for compliance.

January 2006

Brochure N/C for first 10 copies

Additional copies \$1 each

[Available on the ERCB Web site](#) - NC

EUB Inquiry Gas/Bitumen Production in Oil Sands Areas

The inquiry assessed impacts on bitumen recovery resulting from production of natural gas that is in contact and/or pressure communication with bitumen and reviewed the broad implications of this issue with interested parties.

March 1998

Single issue

Print \$52

CD (PDF) \$17

[Available on the ERCB Web site](#) - NC

Independent Assessment Team Power Purchase Arrangement Report

A report setting out the determinations of the Independent Assessment Team on deregulation of electricity generation in Alberta. Includes copies of Power Purchase Arrangements for formerly regulated generating units, which establish the terms, conditions, and operating and commercial arrangements between owners of the generating units and purchaser of the PPAs.

Single issue CD \$34

Format: PDF

Technical Report on the Management of Naturally Occurring Radioactive Material (NORM) in Waste

The NORM Waste Management Technical Committee (NORM committee), comprising government and industry representatives, was established to identify and recommend technical requirements for management of waste in Alberta with naturally occurring radioactive material (NORM).

Single issue CD N/C

Format: PDF

Investigations of Flare Gas Emissions in Alberta

Final report to Environment Canada, the ERCB, and the Canadian Association of Petroleum Producers. This study by the Alberta Research Council is the culmination of a phased, five-year study of flare emissions. The research was conducted to provide additional information about the compounds contained in flare gas emissions.

November 1996

Single issue

Print \$57

CD \$17

Format: PDF

[Available on the ERCB Web site](#) - NC

JP-05 A Recommended Practice for the Negotiation of Processing Fees

Joint Industry Task Force Report

Canadian Association of Petroleum Producers

Gas Processing Association Canada

Petroleum Joint Venture Association

Small Explorers and Producers Association of Canada

October 2005

[Available on the ERCB Web site](#) - NC

Special Reports

Safe Excavation Near Pipelines

Damage prevention requirements as set out in the Pipeline Act and Regulations in clear language with pictorial diagrams. Provides guidance about the need to identify buried pipelines, responsibility for location and marking, excavating around pipelines, and inspecting before backfilling.

4th edition, Feb 2008

Pamphlet N/C for first 10 copies

Additional copies \$1 each

[Available on the ERCB Web site](#) - NC

Shallow Nitrogen Fracturing Dimensions and Groundwater

October 2008

Single issue

Print \$52

CD (PDF) \$17

[Available on the ERCB Web site](#) - NC

Northeast Calgary Application Consultation Committee (NCACC)/Sour Gas Developments Proposed for Northeast Calgary

Report on the studies and recommendations to the EUB by the Northeast Calgary Application Consultation Committee on proposed sour gas developments for Northeast Calgary. It includes reports covering

- public safety
- economic, orderly, and efficient development of sour gas reserves
- land-use/sour gas conflicts
- communications
- sour gas developments
- (NCACC) an evaluation of the process

June 1992 (6 volumes)

Single issue CD N/C

Format: PDF

Petroleum Industry Activity in Native Prairie and Parkland Areas

Guidelines for Minimizing Surface Disturbance

The guidelines are intended to be a planning tool for project applicants and operators and serve as the best practices needed to achieve the principles of minimal identified in EUB IL 2002-1

[Available on the ERCB Web site](#) - NC

Pipeline Abandonment: A Discussion Paper on Technical and Environmental Issues

November 1996

[Available on the ERCB Web site](#) - NC

Public Safety and Sour Gas (Provincial Advisory Committee on Public Safety and Sour Gas)

Report to the EUB by the Advisory Committee on Public Safety and Sour Gas, a multistakeholder group. Based on extensive input from the public living near sour gas areas and other stakeholders, the report sets out the committee's findings and recommendations to the ERCB.

December 2000

Single issue Print N/C

Available on the PSSG Web site at

<http://www.publicsafetyandsourgas.org/>

Public Safety and Sour Gas Implementation Plans First Progress Report - April 2002

A detailed document Identifying actions and time lines for each of the 50 recommendations being undertaken this year.

Single issue Print N/C

[Available on the ERCB Web site](#) - NC

Public Safety and Sour Gas Implementation Plans

Quarterly progress reports by the EUB on the progress of implementing the recommendations from the Provincial Advisory Committee on Public Safety and Sour Gas. Quarterly updates

Single issue Print N/C

[Available on the ERCB Web site](#) - NC

Report and Recommendations to the ERCB on Public Safety and Sour Gas

February 1994

Single issue CD N/C

Format: PDF

Spring Conference on Environmental & Occupational Noise, 2005

Workshop organized by the Alberta Acoustical Society on environmental noise control engineering for the energy industry.

April 2005

Single issue CD \$115

Format: PDF

Special Reports

Staff Report on the Review of the Sulphur Recovery Guidelines

A report on the Review of the Alberta Sulphur Recovery Guidelines, jointly prepared by the EUB, Alberta Environment, and the Alberta Department of Energy. The report includes an implementation document (appendix), which identifies staff recommendations for applying sulphur recovery guidelines in Alberta.
January 2001

Single issue CD N/C

Format: PDF

[Available on the ERCB Web site](#) - NC

Technical Study of Shelter Versus Evacuation When Faced With a Release of Hydrogen Sulphide

A study by Alberta Public Safety Services and the EUB comparing five cases to determine whether shelter could be a safe alternative to evacuation in the event of exposure to hydrogen sulphide.

January 1992

Single issue

Print \$49

CD \$17

Format: PDF

[Available on the ERCB Web site](#) - NC

Maps and Shapefiles

The ERCB distributes a selection of maps related to energy and energy resources development in Alberta.

Construction and Topographic Information

The polyconic projection method of construction is employed wherever possible. Topographic information is obtained from planimetric maps issued by the Alberta Department of Energy, Department of Sustainable Resource Development, Province of Alberta.

Size

Map sizes are given in centimetres.

Prices

Purchase price is given per map unless stated otherwise.

How to Order

Maps are ordered from the ERCB's Information Services Section. See details in Introduction (p. 3).

Digital Maps

The ERCB supplies pipeline maps in digital form. The following standards apply:

- 10TM Projection
- NAD 83 Co-ordinates (North American Datum)
- Central Meridian = -115
- Scale 0.9992
- False Easting +500,000 m
- False Northing 0.0 m

Coal Maps

Map-84: Coal Drillhole Locations

Colour

Scale: 1:1 000 000 Size: 86x112

June 2009

Paper \$40

PDF \$40

Map-85: Coal Mines and Potential Coal Development Areas

Colour

Scale: 1:1 000 000 Size: 86x112

January 2006

Paper \$63

PDF \$63

Map-86: Significant Coal-bearing Formations in Alberta

Colour

Scale 1:1 000 000 Size: 102x145

December 2005

Paper \$40

PDF \$40

Note: Distributed as Figure 2.1 in Statistical Series ST-31.

Map-87: Coal in Alberta

Colour

Scale: 1:1 000 000 Size: 91x152

December 2006

Paper \$63

PDF \$63

Note: Distributed as Figure 1.1 in Statistical Series ST-31.

Geological Maps

Table of Formations, Alberta

2002

Colour

Large: 66x101 Paper \$14

Small: 28x43 Paper \$10

PDF \$14

[Available on the ERCB Web site](#) - NC

Oil, Gas, Oil Sands, and Pipelines Maps and Charts

Map-88: Pipelines Map

High pressure pipelines by Township, Quarter Township, and Section

Paper copy (updated daily)

Per township \$10 retrieval charge

Plus \$1.00 per page

E-mail \$11

Complete set on CD \$3614

Annual subscription, issued monthly on CD \$5732

Map-90: Designated Oil and Gas Fields, and Oil Sands Deposits

Colour

March 2009

16 miles/inch Size:60x101 Paper \$63

30 miles/inch Size:33x54 Paper \$29

PDF \$63

Map-94: Map of Alberta Strike Areas

Includes: Alphabetical index of all current strike areas, official abbreviations, and their locations. This map indicates the ERCB's official area designations and would be helpful in the naming of wells.

Colour

March 2009

Scale: 1:1 000 000 Size: 99x140

Paper \$63

PDF \$63

Maps and Shapefiles

Mineable Oil Sands Regional Development Status Maps

The ERCB, in cooperation with the mineable oil sands industry, has compiled 8 status maps showing the expected status of development in the surface mineable area of the Athabasca oil sands at 5-year intervals from 2000 to 2035. The development status maps have been compiled to assist in the assessment of regional issues and are based on the best available information as of December 31, 2001.

Scale: 1:100 000 Size: 94x57

Paper \$35 each

Digital \$240 per set

Active Oil Sands Schemes Map

The map identifies the primary crude bitumen, commercial, and experimental oil sands schemes within the Athabasca, Cold Lake, and Peace River oil sands areas, as well as various oil sands facilities within the province as described in ST-44 Active Oil Sands Schemes.

September 2007

Size: 28x43 Paper \$63

Size: 91x152 Paper \$183

PDF \$178

Ultimate Potential and Supply of Natural Gas in Alberta - Maps

See Report 2005-A in Reports section

The ERCB supplies several data layers in shapefile (ESRI compatible) format for use in mapping and GIS software packages.

A shapefile is a homogeneous collection of features that can have either point, multipoint, polyline, or polygon shapes. A shapefile is composed of three main files i.e. a main file (.shp), an index file (.shx) and a dbase table (.dbf), that contain spatial and attribute data. It could optionally include spatial index files (.sbn, .sbx), attribute index files (.ain, .aih) and/or a projection file (.prj).

Shapefiles are available in the following Spatial Reference standards:

Geographic Coordinate System

Datum: North American Datum 1983

10TM Coordinate System

Projection: transverse Mercator

Central Meridian: -115

Scale Factor: 0.9992

False Easting: +500,000.0 m

False Northing: 0.0 m

Datum: North American Datum 1983

Shapefiles available

ERCB Board Orders (BOS) are a suite of layers that include all current Field and Pool Orders and Gas Strike Areas.

Update Frequency: Monthly (1st of each month)

Price \$515

Oil Sands Area Orders includes the outlines of the Athabasca, Cold Lake and Peace River Oil Sands Areas. Each area is defined by the designated strata pursuant to the Oil Sands Conservation Act.

Update Frequency: as required

Price \$218 per layer

Pipeline Graphics File

Contains route locations of all oil and gas pipelines in the province, excluding low-pressure distribution pipelines. Includes a mixture of both ATS coordinates (with reference to a 10 degree TM projection) and Cartesian coordinates.

Initial fee/Single Issue

CD \$14,445

Format: Shapefile (ESRI compatible format)

NAD 83

Annual subscription, issued

Monthly \$3,614

Quarterly \$1,447

Via FTP Server

Core Research Centre

One of the major functions of the ERCB is to provide access to data and information about the energy industry. Two areas of the ERCB form the major interface for access to the public data and records:

Core Research Centre:

Core, drill cutting samples, and tour (daily drilling) reports

Information Services:

Coal, gas, hydro and electric, oil, oil sands, and pipeline records, documents, maps, and data

The data and records available from each of these areas are described in more detail in the sections that follow.

CORE RESEARCH CENTRE

Core Research Centre
3545 Research Way NW
Calgary, Alberta T2L 1Y7
Telephone: (403) 297-6400
Fax: (403) 297-5982
Open Weekdays 8:00 a.m. to 4:30 p.m.

Facilities and Services Available

Cores, Drill Cuttings, Tour Reports

The Core Research Centre is an 18 000 sq. metre facility located in University Research Park. The current inventory provided for research consists of approximately 1.5 million metres of core, 17 million drill cutting samples representing an estimated 85 million metres drilled, and 350 000 tour reports.

CORE RESEARCH CENTRE FEE SCHEDULE

Facility Usage Fees (Based on 1/2 day charge)	Drilling cuttings research			
	Cubicle	29.75	half-day	
	Confidential cubicle	40.00	half-day	
	Core Research			
	Table in core research area	63.00	half-day	
	One table in Confidential research room	82.00	half-day	
	Two tables in Confidential research room	145.00	half-day	
	Meetings / Seminars			
	Seminar room	125.00	half-day	
	Conference room	142.00	half-day	
Service Fees	Drill cuttings samples delivered to cubicle	4.50	tray	
	Core delivery to table	3.70	box	
	Tour reports	12.60	well	
	Photocopying	.55 & 1.10	page	
	Labour and Clerical	50.00	hour	15.00
	Inventory records, printout of search	.25	well	5.00
	Core cutting			
	longitudinal slab	22.00	metre	22.00
	Marked trays	15.25	metre	
	sample cutting	66.00	hour	16.00
	plug drilling	81.00	hour	20.00
	Core loan			
	sign out	63.00	well	
	service charge	3.70	box	
	day charge 2.5 days (or 5 half-days)	No Day Charges		
	over 2.5 days	63.00	half-day	

Core Research Centre

Rental Fees	Equipment storage locker	18.50	week or portion
		875.00	year
	unlocking locker for patron	5.00	ea. occurrence
	lost key charge (lock replacement)	45.00	ea. occurrence
	Microscope	21.00	half-day
	Fluoroscope	5.00	half-day
	Hot Plate	5.00	half-day
	Lights, photo flood	5.00	half-day
	Overhead projector	12.00	half-day
	Slide projector c/w carousel	12.00	half-day
	Projection screen	6.00	half-day
	Panel Projector	75.00	half-day
	Drill Cutting Collection Bags (purchase)	30.00	100
	Core Boxes		
	(purchase; limited quantities only)		
	Calculated @ current replacement cost plus 15% handling charge		

Information Sales

Data Available

Oil, gas, oil sands, pipeline, and coal data are available for retrieval at Information Services. Data is available for selective retrieval (e.g., data for a specific well, or for the wells in a specific geographic area) or, in many cases, as a full file available on a subscription basis.

How to order

All orders are placed with Information Services, unless otherwise indicated. See details in Introduction.

Prices

Services are provided on a non-profit basis; prices are comprised of a retrieval fee per file, plus reproduction costs. Standard rates are:

- \$10.00 retrieval charge on fiche
- \$10.00 retrieval charge on paper plus \$0.66 per microfiche card or \$1.00 per page printed
- \$11.00 electronic

There is a \$10 minimum per order for all purchases charged to ERCB accounts.

Legal certification of copies is available at a fee of \$35 per copy.

Section/Township Retrieval Charges

Where available, a \$40 fee for each section or \$74 fee for each township pulled, plus microfiche charges. Bulk retrieval services are available when the request is submitted by phone or email order. There is no bulk retrieval service available at the customer counter.

Confidentiality

Some information is held confidential for up to one year, and in a few cases up to five years, before release for publication or examination. In general, only nonconfidential material is available. However, a letter of release from the licensee is accepted for obtaining confidential material at Core Research Centre and Information Services.

All files and programs are processed to exclude confidential data. As the data is released from confidential status it is made available to purchasers through various updating services.

Update Services

A subscription update service for many files is available. Handling and postage charges will be added.

Online Retrieval

Oil, gas, oil sands, drilling and production data for selective retrieval is available online in the viewing area of Information Services. For those wishing to use the on-line facility the following retrieval charges apply:

- Data retrieval \$0.10 per screen
- Print charge \$0.15 per screen

Rights

The ERCB retains the proprietary rights on all data sold

Purchasers of ERCB data files are permitted to use the files to select and process data for internal or client use and to release copies of small portions of the files on electronic media to their clients that result from specialized retrievals. Copying of a complete file or a large portion of a file for resale is not permitted.

Arrangements may be made to obtain an initial copy and/or an update service for a full ERCB file or a substantial portion of an ERCB file from another purchaser, provided the supplier discusses with the receiver approval from Information Services prior to data transfer. The fee for granting such service will be based on a maximum of 75 percent of the current rate for the file that may be obtained directly from the ERCB.

Retrieval and Format

Format of data records is limited to that already established, as indicated in File Descriptions, which are available for review through Information Services at no charge.

File Specifications

CD

700 megabyte standard CD-R
zipped text file
tab delimited
ASCII format
test CDs are available

Documentation

Supplied with purchase. Includes detailed description of record layout and data mode. If file is complex, it may also include description of source data, limitations, editing during file creation and maintenance, and other appropriate documentation.

Updating Services for data files

Purchasers of the ERCB data files will be charged the current updating fee. Initial files must be purchased prior to obtaining subscription.

Contacts

For information on files, formats, programs, and policies or to discuss a potential purchase, please contact Information Services
Telephone: (403) 297-8311 (press 2)
Fax: (403) 297-7040
Email: Infoservices@ercb.ca

Information Sales

Coal

Coal Exploration Drillholes—Permits and Licences

Request by permit or licence number

Individual permit or licence \$10 retrieval charge
Plus \$0.66 per microfiche card

Coal Exploration Drillholes—Coal Analysis

Indexed by unique identifier and location

Individual Analysis \$10 retrieval charge
Plus \$0.66 per microfiche card

Coal Exploration Drillholes Index

Each hole is described by exploration company, section number and location within section, depth of hole, date of completion, and whether logs are available. Request by township and range.

Copies made available at Information Services
N/C

Coal Exploration Drillholes—Logs

Request by unique identifier (hole location). Includes drillers and geophysical and core descriptions.

Individual location \$10 retrieval charge
Plus \$0.66 per microfiche card

Coal Hole Data File

Coal hole identification, location, and description data for approximately 68 000 drillholes in Alberta. Raw and interpreted nonconfidential holes only. Includes coal hole identification, coordinates, ground elevation, drill date, company, logs run, deviation, outcrop, excavation, and coal analysis data.

Initial fee/Single issue
CD \$6,021
NAD 83

Annual subscription, issued
Monthly \$3,270
Quarterly \$1,092
Semi-annually \$546
Annually \$371
Via FTP Server

Coal Geology Reports

Geological data on coal submitted to Alberta Department of Energy in connection with compensated mineral rights agreements are available for public viewing in the ERCB Calgary Library
640 - 5 Avenue SW
Calgary, Alberta

Coal Mines—Abandoned Mine Plans

Request by mine number

\$10 retrieval charge Plus \$0.66 per microfiche card

Information on operating mines is available only with written permission of the operating company.

Environment

Field Surveillance Incident Inspection List

Incidents reported to the ERCB back to 1975, including reportable releases and pipeline hits as defined by ERCB regulations as well as complaints on a variety of issues, such as odours, flaring, lease management, public health, and safety, and may be associated with wells, facilities, and pipelines.

Annual subscription, (PDF), issued
Monthly \$367
Via FTP Server

Single issue on CD \$229
By Location Electronic \$11

Prorated to a minimum of single issue price
Viewing N/C

Field Surveillance Incident Inspection List

Note: File is in CSV format (comma delimited)

Single issue
CD \$367
Annual subscription, issued
Monthly \$2,407
Quarterly \$972
Semi-annually \$546
Annually \$367
Via FTP Server
Prorated to a minimum of single issue price

Alberta Oilfield Waste Manifest Forms

April 2008
Price \$14 per book

Information Sales

Dot Matrix Printer Compatible Alberta Oilfield Waste Manifest Forms

The use of the Alberta Oilfield Waste Manifest became effective on June 1, 1997. The details of how and when the manifest is to be used are outlined in Directive 58: Oilfield Waste Management Requirements for the Upstream Petroleum Industry. This manifest provides detailed information to first responders in the event of a transport accident and serves as a tool for confirming that shipments of dangerous waste are properly handled, transported, and disposed. The manifest was designed to meet the document requirements of Transportation of Dangerous Goods (TDG) for shipments of DOW occurring entirely in Alberta.

April 2008

Price – Minimum purchase – 1 box (600 forms per box)
\$602

Land Development Information Package

Packages are intended to assist anyone planning land subdivision or development or considering a land purchase for these purposes. The package describes the basic details on oil and gas related facilities and coal mines, including the precise location of a well, type of well, and the licensee. Also included in each package is a discussion of ERCB minimum setback recommendations and guides to understanding well and pipeline data.

The following items are included only if ERCB records show the described activity present in the vicinity:

- ERCB licensed well information
- Sour well listing on CD
- pipeline plats showing the approximate location of licensed pipelines
- Pipeline Licence Register on CD
- coal mine information
- complaints and releases

Quarter Section search \$33

Searches larger than a quarter section, add an additional \$10 retrieval charge per item and \$1.00 per page

Minimum charges apply to each order

Oil, Gas, and Oil Sands—Drilling and Well Information

The following data and information are available:

- application for licence to drill, suspend, or abandon a well
- well licence
- survey plat
- tour reports (available only from Core Research Centre)

- Basic Drillhole
- Geological Tops & Markers
- Drilling Occurrence Data
- Casing & Cementing Data
- Perforations/Treatments
- Initial Production-Perf/Flow
- Plug Back/Abandonment
- Well Status History
- Reservoir Evaluation Data

Request by unique well identifier

Individual well—each type of data requested

Electronic (PDF)

Individual well: \$11

Per township: \$74 + \$1.50/file

Per section: \$40 + \$1.50/file

Paper \$10 Plus \$1.00 per page

O-38: Application for a New Well Base Allowable or Base MRL

Request by Pool name

Electronic (PDF) \$11

Paper \$10 Plus \$1.00 per page

Directional Surveys

Complete Set (PDF) \$7,735

Annual subscription, issued

Weekly \$1,490

Via FTP Server

Individual Well - Electronic (PDF) \$11

Facilities

Applications submitted since September 25th, 2005 and forward are available electronically (PDF) \$11 each

Individual location

\$10 retrieval charge Plus \$0.66 per microfiche card

Facility Transfers

Request by facility licence

\$10 retrieval charge Plus \$0.66 per microfiche card

Sulphur Balance Reports (S30's)

Request by Plant ID and months required or all of Alberta

\$10 retrieval charge

Plus \$1.00 each per page

Well Logs

Request by unique well identifier

\$23/UWI (TIFF)

Digital Logs

The data includes open-hole logs run after July 1, 1993. Customers can purchase data on a well-by-well basis. See Directive 21 for submission requirements.

Price per well for digital logs:

Up to 1MB \$120

Up to 2MB \$183

Up to 3MB \$240

Maximum for single well (all logs for single well) \$240

Initial set on CD \$40,124 - **Temporarily suspended**

Annual subscription, issued

Monthly \$3,783

Via FTP Server

Well Transfers

Request by unique well identifier or well licence

\$10 retrieval charge Plus \$0.66 per microfiche card

Information Sales

Well Information—Miscellaneous

Computer Well Files

Basic Well Code Conversion File

Interpretation of coded data from the ERCB's database: code names and abbreviations for such data as field/pool, oil sands area/deposit, company name and address (for operators, licensees, agents, drilling contractors), field centre; for the purpose of printing reports requiring the translation of coded data.

Single Issue

CD \$367

Annual subscription, issued

Monthly \$2,407

Quarterly \$975

Semi-annually \$546

Annually \$367

Via FTP Server

Drilling Well Data File

Data on new drilling wells, wells being reworked, well status changes, field/pool changes, correction to previously reported data, and basic, descriptive well data. S-4 data included with the well status history.

Annual subscription, issued weekly

CD \$7,566

General Well Administration File

A subset of the General Well Data File that includes licensing and basic drilling and well status history data.

Initial fee/Single Issue

CD \$24,074

Annual subscription, issued

Monthly \$4,872

Quarterly \$2,981

Semi-annually \$1,834

Annually \$1,490

Via FTP Server

General Well Data File

Basic drilling data for oil, gas, oil sands, and water wells. Includes such data as licensing, formation tops and markers, logs, DST, casing and cementing, packer data, perforations and treatments, plug back and abandonment, and well status history.

NAD 83

Initial fee/Single Issue

CD \$66,491

Annual subscription, issued

Monthly \$13,183

Quarterly \$10,891

Semi-annually \$9,171

Annually \$6,018

Via FTP Server

Individual Well Gas Analysis File

Gas analysis data by zone on over 90,000 non-confidential wells: over 200,000 samples providing compositional breakdown of gas, associated liquids and recombined analysis, sample points and dates and basic well information.

Initial fee/Single Issue

CD \$7,420

Annual subscription, issued

Monthly \$2,968

Via FTP Server

Integrated Geological Database System Well File

IGDS is a significant database containing reservoir evaluation data on a zone basis for the majority of wells in the province. Includes such information as zone tops and bases for productive or potentially productive zones, porosity top and base of pay, fluid interface depths if present, net and gross pay thicknesses, average porosity and water saturation values, porosity and permeability cut-offs, and water resistivity where available.

Initial fee/Single Issue

CD \$17,532

Annual subscription, issued

Monthly \$5,846

Quarterly \$2,205

Semi-annually \$1,680

Annually \$1,155

Via FTP Server

List of Confidential and Confidential below (CB) Wells in Alberta

Available on the ERCB Web site – NC

List of Wells in Alberta

Includes the following data for all oil, gas, oil sands experimental, and evaluation wells drilled: identifier, well name, field or oil sands area, pool or oil sands deposit, licence number, licence date, licensee and agent code, finish drilling date, total depth, current status, and status date. In order of ascending Well-ID.

Single issue

CD \$402

Annual subscription, issued

Monthly \$2,407

Quarterly \$974

Semi-annually \$546

Annually \$404

Via FTP Server

Prorated to a minimum of single issue price

List of Sour Gas Wells in Alberta

Indicates all wells in Alberta with H₂S content

Updated monthly

CD (Excel) \$120

Information Sales

List of Sour Gas Wells in Alberta

Indicates H₂S Levels by well for all of Alberta
CD (PDF) \$33
CD (TXT) \$109

Mineable Oil Sands Well Data File

Raw and interpreted drilling data for approximately 9100 nonconfidential wells located within the Athabasca Oil Sands Surface Mineable Area. Includes such information as location, drill date, company, elevation, depth, formation tops, weight per cent bitumen by interval (normally 0.3 m), percentage of shale, porosity, water content, and well confidence code.

Initial fee/Single Issue

CD \$18,058

Annual subscription \$1,261

Via FTP Server

Oil, Gas and Oil Sands—Drilling and Well Analysis and Tests

Absolute Open Flow Tests

Historical set on CD (PDF), 1962 to March 1999 \$107,482
Complete set on CD, 1999 to current \$21,290

Individual well \$11 retrieval charge

Electronic (PAS Format) as of March 1999

Individual well \$11

Updating service Includes OBH tests

Annual subscription, Via FTP Server updated weekly
\$5,159

Core Analysis

Complete set on microfiche \$42,143

Annual subscription, issued weekly \$1,949

Selective retrieval - request by unique well identifier

Individual well \$10 retrieval charge

Plus \$0.66 per microfiche card

Core Analysis File

Basic noninterpretative data for approximately 33 000 nonconfidential analysis. Oil sands analysis may be included.

Initial fee/Single Issue

CD \$30,095

Annual subscription, issued

Monthly \$6,878

Quarterly \$4,815

Semi-annually \$4,012

Annually \$3,041

Via FTP Server

Special Core Analysis

Complete Set (PDF) \$930

Individual Well - Electronic (PDF) \$11

Pressure-Volume-Temperature (PVT) Studies

Complete Set (PDF) \$670

Individual Well - Electronic (PDF) \$11

Coalbed Methane Analysis

Complete set (PDF) \$2,340

Prior to Aug 2005 (PDF) \$300

Individual Well - Electronic (PDF) \$11

A combined annual subscription issued monthly for Special Core Analysis, PVT's and Coalbed Methane Analysis \$ 1,240

Drillstem Tests (DST)

Historical set on microfiche, 1962 to March 1999 \$45,310

Complete set on CD, 1999 to current \$8,025

Individual well \$10 retrieval charge

Per township \$74

Per section \$40

Plus \$0.66 per microfiche card

Electronic (PAS format) as of March 1999

Individual well \$11

Per township \$120

Per section \$74

Annual subscription, issued

Weekly \$2,407

Via FTP Server

Fluid Analysis

Oil and Gas

Individual well \$10 retrieval charge

Plus \$0.66 per microfiche card

Historical set on microfiche including index, 1950 to 1998

Oil \$1,206 Gas \$2,064 - *temporarily unavailable*

Water

Individual well \$11 retrieval charge

Historical set on CD (PDF), 1950 to 1998

\$5,035

Electronic (PAS format) as of March 1999

Oil, Water and Gas

Individual well \$11

Complete set on CD, 1999 to current \$3,614

Annual subscription, issued

Weekly \$1,807

Via FTP Server

Cost of subscription is the same for complete or partial sets.

Miscellaneous Analysis and Tests

Gas Well Pressure Surveys (data sheets) (summary of AOF)

Individual well \$10 retrieval charge

Plus \$1.00 per page

Information Sales

Oil Well Pressure Summaries by test, well, pool, or area
Historical set on microfiche, 1950 to March 1999 \$18,058

Individual well \$10 retrieval charge
Plus \$1.00 per page

Electronic (PDF) \$11

Electronic (PAS format) as of March 1999
Individual well \$11
Per township \$120
Per section \$74

Oil Pressure Tests File

Complete CD of all historical and current pressure summary data. Includes basic well information, test data, test type and method of survey, gradients, pressures, length of shut-in, acoustic details, and other information on individual nonconfidential well tests.

Initial fee/Single Issue
CD \$8,429
Annual subscription, issued
Monthly \$2,407
Quarterly \$977
Semi-annually \$748
Annually \$603
Via FTP Server

OBH Pool Control Data

Pressure Survey Schedules
Available on the ERCB Web site at www.ercb.ca

Annual Survey Schedule for Oil Pools
Annual Survey Schedule for Gas Pools

N/C

Oil, Gas and Oil Sands—Production and Operations

Project Progress Reports—Enhanced Oil Recovery
Reports submitted by operators of enhanced recovery schemes.
Request by field, pool, approval number, project number, and operator (not filed by unit number).

Individual project \$10 retrieval charge
Plus \$0.66 per microfiche card
Electronic \$11

Project Progress Reports—Oil Sands Schemes
Reports submitted by operators of oil sands schemes.
Request by area and approval number.

Individual scheme \$10 retrieval charge
Plus \$0.66 per microfiche card
Electronic \$11
2005/06/07 available on the ERCB Web site - NC

Provincial Reserves List
Reserves under control list indicating remaining marketable gas volumes allocated on a pool-by-pool, company-by-company, section-by-section basis. Additional data on the file includes reserve type, GEMM zone code, and the working interest percentage. File is sorted by field/pool code and contains over 200 000 records.

Updating service
Annually \$3,668
Via FTP Server

Unit Agreements

Agreements as approved by Alberta Department of Energy are available through ERCB Information Services. Each agreement contains details of the participants and the legal land description.

Agreements should be ordered by unit name and number, if applicable.

Electronic (PDF) \$11

Well Production

Request by unique well identifier.

Individual well production, prior to 1962
\$10 retrieval charge
Plus \$0.66 per microfiche card

Individual well production, 1962 to date
\$9 retrieval charge
Plus \$1.00 per page

Electronic \$11

Complete set of historical data prior to 1962 on microfiche \$ 8,483
(imperial units only)

Historical Well Production—Injection and Well Control Data Files

Includes all production and injection data by month for all Alberta wells from 1962 to present. Adjustments have been applied retroactively. Control data are current. Approximately 700 000 variable-length records.

Control data file includes selected control data (well name, field and pool codes interpretation, etc.) for retrieval and printout of well data from the historical file. Approximately 65 000 fixed-length records.

Initial fee/Single Issue
CD \$24,074
Updating service

Annual subscription, issued
Monthly \$7,566
Quarterly \$3,783
Semi-annually \$2,407
Annually \$1,949
Via FTP Server

Information Sales

Section Gas Table Reserve File

Remaining marketable gas reserves allocated on a section-by-section, zone-by-zone, pool-by-pool basis. List contains some 140 000 section reserves on 22 000 nonconfidential gas pools. Additional data on the file include section location of the reserve, midformation depth, field code, pool code, GEMM zone code, and count of sections included in the pool. File is sorted on a section location basis.

Note: Only year-end generations of the Section Gas Table will reflect marketed gas production figures for the previous year.

Initial fee/Single Issue

CD \$4,815

Annual subscription, issued

Annually \$2,407

Via FTP Server

Allowable Records

Includes

- Monthly MRL
- Monthly over and under production volumes
- Cumulative overproduction status

By operator code search \$306

Individual well location paper \$10 retrieval charge

Individual well location electronic \$11

Plus \$1.00 per page

Subscription E-mail service available

Oil, Gas, and Oil Sands—Reserves

Submissions to the ERCB on provincial reserves of oil and gas. Request by field and company.

Individual submission \$9 retrieval charge

Plus \$0.65 per microfiche card

Gas Pool Reserves File

Basic reservoir parameters and total reserves of all nonconfidential gas pools in the province. Separate records for each pool: approximately 24 000 pools. Used primarily for Established Reserves of Gas and Appropriate Basic Data, published as part of Statistical Series ST-98: Alberta's Reserves of Crude Bitumen, Crude Oil, Natural Gas, Ethane and other Natural Gas Liquids, Coal and Sulphur.

Single issue

CD \$3,095

Gas Reserves Code Conversion File

Allows updating of previous year-end field and pool codes to current year-end field and pool codes. Contains approximately 1 300 records. See also Gas Pool Reserves File.

Single issue

CD \$459

Oil Pool Reserves File

Basic reservoir parameters and total reserves of all significant crude oil pools in the province. Records for each oil pool or each mechanism in the pool. Used in tabulation of Proved Reserves of Crude Oil and Approximate Basic Data in Statistical Series ST-98: Alberta's Reserves of Crude Bitumen, Crude Oil, Natural Gas, Natural Gas Liquids, Coal, and Sulphur.

Single issue

CD \$1,834

Pipelines—High Pressure

Permits and Licences

Request by permit or licence number.

Individual permit or licence paper

\$10 retrieval charge

Plus \$1.00 per page

Individual permit or licence microfiche

\$10 retrieval charge

Plus \$0.66 per microfiche card

Individual permit summary Electronic \$11

Pipeline Transfers

Request by licence number

\$10 retrieval charge

Plus \$0.66 per microfiche card

Information Sales

Pipeline Location Plats

Excludes low-pressure gas distribution lines
Request by township and range.

\$10 retrieval charge

Plus \$1.00 per page

Electronic \$11

Complete set on CD \$3,614

Prorated to a minimum of single issue price only

Annual subscription, issued monthly \$5,732 (includes

Pipeline Register updates)

Via FTP Server

Pipeline Attribute File

Complete file of information on pipeline permits and licences, tests, status, construction, and specifications; experimental pipelines not included.

Initial fee/Single Issue

CD \$14,445

Annual subscription, issued

Monthly \$3,668

Quarterly \$1,444

Via FTP Server

Pipeline Graphics File

Contains route locations of all oil and gas pipelines in the province, excluding low-pressure distribution pipelines. Includes a mixture of both ATS coordinates (with reference to a 10 degree TM projection) and Cartesian coordinates.

Initial fee/Single Issue

CD \$14,445

Format: Shapefile (ESRI compatible format)

NAD 83

Annual subscription, issued

Monthly \$3,614

Quarterly \$1,447

Via FTP Server

Pipeline Licence Register

CD (PDF)

Single issue \$52

Annual subscription, issued

Monthly \$454

Via FTP Server

Pipeline Register File

Includes

- Licence/permit number
- Maximum operating pressure
- Company name
- ERCB field centre
- Substance code
- Outside diameter

- From location

Single issue

CD \$183

Annual subscription, issued

Monthly \$1,444

Quarterly \$631

Annually \$183

Prorated to a minimum of single issue price

Pipelines—Low Pressure

Pipeline Location Plats

Made available in conjunction with Rural Utilities Division, Alberta Agriculture and Food. Shows gas co-op and county gas distribution systems. Scale: 1:20 000. Request by co-op name.

Individual co-op \$10 retrieval charge

Plus \$1.00 per page

E-mail \$11

Low-Pressure Pipeline Mapping Series

Made available in conjunction with Rural Utilities Division, Alberta Agriculture and Food. Shows general locations of all rural gas distribution pipelines licensed by Alberta Energy at up to 700 kPa. Scale: 1:50 000.

Individual map \$10 retrieval charge

Plus \$1.00 each per page

E-mail \$11

Single issue on CD All of Alberta (PDF) \$860 Annual

Regulatory Information

ERCB Applications, Approvals, and Board Orders

ERCB Applications

Registered applications are available through Information Services. Files include

- notice or notice of hearing
- the application
- submissions and/or interventions
- available exhibits from the hearing
- approval or decision
- available transcripts (viewing only*)

Individual application submitted prior to October 2003

\$10 retrieval charge

Plus \$0.66 per microfiche card

Email \$11

Note: Prior to a hearing, copies of the application must be obtained from the applicant.

Note: Well licence applications and all the public attachments are accessible on the ERCB's Web site via the Integrated Application Registry (IAR) query screens for a period from the date of registration to 30 days after the disposition of the application. After the 30-day period, all application material is available from the ERCB's Information Services Section.

Individual application submitted after October 2003

Electronic \$11 each

CD (PDF)

Information Sales

[Available on the ERCB Web site](#) - NC

*Transcripts of Hearings are protected by copyright. They may be viewed in the ERCB Library but copies must be ordered from the court reporting firm attending the hearing.

ERCB Approvals

Order by approval number.

Individual approval over one month old \$10 retrieval charge

Plus \$0.66 per microfiche card

Electronic \$11

Historical set on microfiche \$8,598

Electronic set on microfiche Oct 2004 to current \$2,178

Annual subscription, issued

Weekly \$802

Via FTP Server

ERCB Board Orders

Request by number or field/area. See ST-106: Index of Board Orders provides an index to all active oil, oil sands, and gas related orders by field and pool.

Historical Board orders include AD orders, C orders, CF orders, CO orders, Coal abandonment approvals, Coal approvals, CE Coal exploration approvals, Coal licences and permits, DI orders, ECO orders, ER permits, F orders, FH orders, G orders, GA orders, GB orders, GC orders, GE orders, GR orders, GTO orders, IP orders and IDP permits, IW orders, L orders, LL orders, MD orders, MDS orders, MH orders, Misc PL orders, MRL orders, MU orders, O orders, OS orders, OSA orders, OSD orders, P orders, PA orders, Q permits, R orders, SI orders, SU orders, TV orders, TVU orders, W orders and WM orders.

Individual order on microfiche \$10 retrieval charge

Plus \$0.66 per microfiche card

Electronic (PDF) \$11

Complete set on microfiche

*All Board Order subscriptions are updated weekly on an Via FTP Server

- MRL, Maximum Rate Limitation \$475
Available on the ERCB Web site – NC

-MISC, Miscellaneous

Historical set on microfiche \$688

Subscription \$173

- MU, Multi unit (commingled production)

Historical on microfiche \$688

Electronic set on CD 2004 to current \$863

Subscription \$202

Available on the ERCB Web site – NC

- SU, Spacing Unit

Historical set on microfiche \$1720

Electronic set on CD 2004 to current \$863

Subscription \$459

Note: All spacing applications that have been approved after October 29th, 2007 will be available on the ERCB website.

The Well Spacing Map will be accessed through QuickLinks permanently.

[Available on the ERCB Web site](#) - NC

The Spacing Disposition Document stating the ERCB's approval, will be available in Integrated Applications Registry (IAR) for **30 days** following the the date of disposition on the ERCB website.

After the 30-day period, the disposition documents are available from the ERCB's Information Services Section.

- Enforcement Orders (Abandonment Orders, Closure Orders, and Abandonment Cost Orders)

Historical set on microfiche \$573

Subscription \$173

- Other orders on microfiche, (P Orders, WM Approvals, ER Permits, Coal Licences & Permits, GA Orders, IDP Permits, GR Orders, TVU Orders)

Historical set on microfiche \$633

Subscription \$286

B.O.S. – Board Order System (Field and Pool – F&G Orders)

Includes:

All current Field and Pool Orders and Gas Strike Areas and a current issue of ST-103, Field and Pool Code List.

Annual subscription issued monthly \$1,444

Via FTP Server

Single issue \$120 (PDF)

Well Spacing Map and Field and Pool (F & G) Orders

[Available on the ERCB Web site](#) - NC

BOS – Board Order System (strike areas)

The ERCB issues Field and Pool Orders under the Oil and Gas Conservation Act. For administrative purposes, the ERCB also maintains Strike Areas that are similar to Fields but are not legal documents under the Act.

Includes current and historical Strike Areas, Field Orders, Pool Orders and Tracts of land in each Order.

Single Issue

CD \$367

Annual subscription issued

Monthly \$2,407

Quarterly \$975

Semi-annually \$546

Annually \$367

Via FTP Server

Information Sales

Reports generated from the Compliance and Operations Management System (COM)

The following reports are available in Excel, PDF or CSV format

Electronic by Licensee \$33, UWI or licence number \$11

Some reports may be available for all of Alberta \$229

Business Associate Reports

Company Name Change List Report

Includes previous name of the company, the new name of the company and the date the name was changed.

Licence Reports

Abandonment and Reclamation Notifications Report

Summary of licence abandonment notifications received and licence reclamation notifications received.

Facility Licence Report

Certificate showing the licence number, licensee, location, issue date, energy development category and authorizing signature.

Licence Details Report

Report showing the name and Business Associate Id for the licensee, status, energy development category, rating level, and the date the licence was issued along with the date the license was last transferred.

Licence History Report

Report showing the detailed history of a licence, non-routine licence history information, and detailed facility, well, or pipeline information.

Licence List Report

Report shows company name, surface location in both DLS and latitude-longitude, energy development category, rating level, status, and operational surveillance provision (if any) for a well or the maximum H2S concentration (if available) for a facility.

Licence Details by Company Report

Details of each licence are listed showing the licence number, status, surface location, energy development category and rating level.

Licence Statistics Report

Includes the total number of licences and the total number of licences by status and type. This report also lists all the energy development category codes and descriptions.

Licensee Change List Report

Includes the licence the licence number along with the historical name of the licensee and the date this name was terminated

Non-Routine Licence List Report

Includes the total number of Non-Routine licences and the number of Non-Routine licences by type, status and licence type.

Well Name Change Notifications Report

Includes the number of well name changes originating from licence transfers and from well name change notifications.

Volumetric Activity Reports

Reporting Facility List

Report showing the number of linked and unlinked reporting facilities and the number of active facilities linked to wells and the number of facilities linked to other facilities.

Reporting Facility Statistics

Report showing the number of linked, unlinked, and non-reporting facilities.

Reporting Facility Details Report

Report showing the details of the reporting facility, a list of linked licences, the linked production strings, operator history, operational status history, and the reporting facility configuration.

Inactive Well Licences Report

Consists of the licence number, surface location, highest event UWI, licence issue date, date of the most recent volumetric activity, primary status date, mode and fluid type, and the primary status structure.

Inactive Production Events Report

Total number of inactive production events and lists these events.

Active Well Licences Report

Total number of active Well licences including the number for oil, gas, crude bitumen, water, and other wells.

Information Sales

Well Reports

Packer Test Results Report

Summarizes the packer test results and shows details for each well licence tested.

Casing Failures Report

Summarizes the casing failure reported and shows details for each report.

Vent Flow/Gas Migration report

Summarizes the surface casing vent flow and gas migrations reported and shows details of each report.

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