



Serving Northern
British Columbia

Oil & Gas Processing

Library Subject Guide

<http://library.nlc.bc.ca>

Information literacy is a set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information."

Association of College and Research Libraries

Ask a Librarian for assistance in finding relevant books and journal articles and/or if you need help researching a course related topic. The librarian will also provide assistance in using the Library's website, online catalogue, article databases, and the Internet. Contact the librarian directly or use the "Ask a librarian" section on the Library web pages.

Dawson Creek Library

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Fort St. John Library

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REFERENCE:

Dictionaries, encyclopedias and handbooks can be a useful starting point for learning. Many of these sources provide basic information, overviews of topics, as well as introduce specialized terminology and detailed information. Major reference works are held mainly at the DC and FSJ libraries. Some titles of interest located in the Reference Section are:

Fort St. John Reference Collection

TN 867 A53 2000/ 2001	Alberta Oil & Gas Directory	HD 9581 C23 A334 2000	Canada Gas Plant Directory,
TN 873 C3 B7 1995	British Columbia Oil & Gas Handbook	G 1151 H8 C36 2001	Canadian Oilfield Gas Plant Atlas
HD 9574 C22 C363 2005	Canadian Oilfield Service & Supply	HD 9560.4 R45 1992	Challenging OPEC: World Market Projections
TN 865 H96 1991	Dictionary of Petroleum Exploration etc.	TN 873 C2 D87 1968	Dusters and Gushers
TJ 163.2 H87	Energy Dictionary	TN 865 I43 1994	Illustrated Petroleum Reference Dictionary
TN 879.5 P4 1974	Mackenzie Pipeline	TJ 163.28 M33 2001	Macmillan Encyclopedia of Energy
HD 9581 C33 B7 1990	Markets for BC Natural Gas	TN 870 M63 2000	Modern Petroleum Technology
HD 9541 A1 N28 2003	Natural Gas Information	TN 882 C22 B84 2000	Northeast BC Natural Gas Resources
TN 880.5 C32 2001	Northern Pipeline Agency Annual Report	HD 8039 P4 AO44 1997	Oil & Gas in Industry Training Needs Survey
HD 9574 C2 C43 2002	Oil-price Shocks & Retail Energy Prices	TN 873 C2 B65 1999	Our Petroleum Challenge
TN 880.5 W56 1986	Pipelines & Permafrost	TN 870.5 G95 1920	Report of Oil Survey in the Peace River District
HD 9581 C22 S56 2002	Short-term Natural Gas Deliverability	HD 9574 C2 A34 2000	Supply & Disposition of Crude Oil & Nat. Gas
TN 882 C3 D74 1922	Summary Report on Exploration for Oil and Gas		

Dawson Creek Reference Collection

HD 8039 P4 AO44 1997 Oil & gas in industry training needs survey
HD 9574 C22 C363 2004 Canadian oilfield service & supply

CLASSIFICATION SYSTEM

To assist you in browsing the collection for materials on oil and gas, try the following areas:

HD 9574 - 9581	oil and gas industries/directories	TD	flue gas
TN	energy	TN 880	natural gas
TN870 - 879.5	petroleum, oil, pipelines	TP 690	petroleum refining, petroleum products

LIBRARY CATALOGUE AND ELECTRONIC DATABASES

To find books, journals, and audiovisual materials on your topic, search the library's online **catalogue**. If you are looking for journal articles, search the library's online **journal article indexes & electronic databases**. Use **keywords** to search the online catalogue and/or electronic databases. A keyword is a word or term that best describes the information you are looking for. You can search the library catalogue or an electronic database for either a single keyword or a combination of keywords in order to find articles in an electronic database or books in the online catalogue containing the keyword(s).

Examples of keywords:

boiler operation	drilling	gas oil separation	LNG	pumping stations
compressors	evaporators	gas plants	oil drilling	petrochemicals
compressor stations	field operations	gas processing	oil industry	production operation
control equipment	gas compression	heat exchangers	oil processing	surface control systems
down hole systems	gas drilling	instrumentation	oil refining	

PERIODICALS & NEWSPAPERS

The library currently subscribes to several periodicals and newspapers of interest to oil and gas students: To check for campus and holdings, search the title in Webcat, the library catalogue.

Periodical Title.....	Library Holdings.....	Campus Library
Atlantic Oil and Gas Magazine	2002 - current	FSJ
Energy Processing Canada	2002 - current	FSJ
Energy Studies Review	1999 – 2003	FSJ
Oil and Gas Journal	2001- 2005 (jan)	FSJ
OilWeek Magazine	2000 – current	FSJ/TR
World Oil	1998 – 2001	FSJ

Databases Relevant to the Oil and Gas Industry: access: <http://nlc.bc.ca/library/articleindexes.php>

Academic Search Premier: Provides coverage for social sciences, humanities, education, computer sciences, engineering, language and linguistics, arts and literature, medical sciences, and ethnic studies. Full text: 1984 - present.

Access Science: Provides coverage to general science reference. Full text; updated daily.

Applied Science Technology: Indexes journals in the Applied Sciences. Citations only; 1984 - present.

Canadian National Research Council Press Journals: Canadian science journals in earth science, biology, forestry, aquatic sciences, chemistry, physics, etc. Full text: 1997 - present

Canadian Newsstand: This full text bibliographic database provides full access to the articles, columns, editorials and features published in a variety of Canadian newspapers, many with extensive back files. Database content is updated daily, following a seven-day embargo period.

CBCA Full Text Reference: Canadian business and current affairs..

CPI.Q: Provides coverage on current events, health, technology, arts, history, culture and business. 415 Canadian periodicals with 165 full text. 1988 - current, updated weekly.

E-Stat: Statistics Canada database with Census data, CANSIM time series & environmental data. Full text.

Ingenta: Provides abstracts and citations for over 29,055 publications in all subject areas.

MAS Ultra: Contains fulltext for nearly 550 magazines. Fulltext also available for 91,600 biographies and 75,000 primary source documents.

Science, General: a general science index. Provides coverage in astronomy, agriculture, biology, botany, chemistry, conservation, earth science, forestry, horticulture, medicine, physics, zoology, etc. 1984 - present, updated monthly.

Electronic Journals

Chemistry and Technology of Fuels and Oils - fulltext 2003-05-01 - (12 months embargo) through Academic Search Premier database.

Journal of the Japan Petroleum Institute - full text available through the Directory of Open Access Journals (DOAJ) databases.

Oilweek: fulltext 1996-01-01 - 1998-12-07 through CBCA Business - Proquest

Natural Gas Transportation & Distribution: fulltext 2001-12-01 - 2002-12-01 through EBSCO database

OPEC review: - fulltext 1997-03-01 - (12 months embargo) through EBSCO database

INTERNET RESOURCES:

Associations, Governments, & Organizations

American Gas Association: <http://www.aga.org/>

American Institute of Mining <http://www.aimehq.org/>

Canadian Association of Oilwell Drilling Contractors - CAODC: <http://www.caodc.ca/about.htm>

Canadian Association of Petroleum Producers (CAPP) <http://www.capp.ca/>

Canadian Energy Research Institute (CERI): <http://www.ceri.ca/>

Canadian Gas Association: <http://www.cga.ca/>

Canadian Heavy Oil Association: <http://www.choa.ab.ca/>

Canadian Institute of Mining, Metallurgy and Petroleum (CIM) <http://www.cim.org/mainEn.cfm>

Canadian Well Logging Society: <http://cwls.org/>

Energy Council of Canada: <http://www.energy.ca/users/folder.asp>

Government of Alberta: <http://www.gov.ab.ca/home/index.cfm>

♦ AERI - Alberta Energy Research Institute: <http://www.aeri.ab.ca/>

♦ Department of Energy: <http://www.energy.gov.ab.ca/>

- ♦ EUB - Alberta Energy and Utilities Board: <http://www.eub.gov.ab.ca/BBS/default.htm>
 - Natural Gas: <http://www.energy.alberta.ca/OurBusiness/Gas.asp>
 - Oil: <http://www.energy.alberta.ca/OurBusiness/Oil.asp>
 - Oil Sands: <http://www.energy.alberta.ca/OurBusiness/oilsands.asp>
 - Petrochemicals: <http://www.energy.alberta.ca/OurBusiness/Petrochemicals.asp>

Government of British Columbia: <http://www.gov.bc.ca/>

- ♦ Ministry of Energy, Mines, and Petroleum Resources: <http://www.gov.bc.ca/em>
- ♦ Oil and Gas Commission (OGC): <http://www.ogc.gov.bc.ca/>
- ♦ Oil and Gas Resources: <http://www.em.gov.bc.ca/Subwebs/oilandgas/>

Government of Canada:

- ♦ National Energy Board: <http://www.neb.gc.ca/>

Government of Saskatchewan Industry and Resources: <http://www.ir.gov.sk.ca/>

- ♦ Oil and Gas Resources: <http://www.ir.gov.sk.ca/Default.aspx?DN=3384,2936,Documents>

Government of the Yukon, Energy, Mines and Resources: <http://www.emr.gov.yk.ca/>

GPAC - Gas Processing Association of Canada: <http://www.gpacanada.com/>

Petroleum Services Association of Canada - PSAC: http://www.psac.ca/about_psac/

Databases

Arctic Institute of North America: <http://www.arctic.ucalgary.ca/>

- ♦ ASTIS Subset Databases include: AES NWT Water Bibliography, Hydrocarbon Impacts Database, Mining and Aquatic Environment Bibliography, Northern Granular Resources Bibliographic Database, Nunavik Bibliography and Nunavut Environmental Database - <http://www.aina.ucalgary.ca/astis/>

DOE Information Bridge - includes technical scientific and technical reports produced by the US Department of Energy National Laboratories and grantees with over 60,000 searchable reports comprising millions of pages: <http://www.osti.gov/bridge/>

Energy Citations Database - citations to report literature, conference papers, journal articles, books, dissertations, and patents in chemistry, physics, materials, environmental science, geology, engineering, mathematics, climatology, oceanography, computer science and related disciplines: <http://www.osti.gov/energycitations/>

Energy Web - Energy sector Information, news and resources: <http://www.energyweb.net/default.asp>

Energy Files - from the Virtual Library of Energy Science and Technology. Search over 500 databases and Web sites at once, in the areas of energy science and technology, with an emphasis on the physical sciences: <http://www.osti.gov/energyfiles/pathways.html>

ETC Spills Technology Databases: <http://www.etc-cte.ec.gc.ca/databases/OilProperties/Default.aspx>

ETDE World Energy Base, ETDEWEB. Free, often full-text articles on the environmental impact of energy production and use, including climate change, energy R & D, energy policy, nuclear, coal, hydrocarbon and renewable energy technologies and more. Free registration required to access database: <https://www.etde.org/>

Intute: Science, Engineering and Technology: <http://www.intute.ac.uk/sciences/>

Oil Properties Database - from Environment Canada: <http://www.etc-cte.ec.gc.ca/databases/OilProperties/Default.aspx>

Directories

Atlantic Oil and Gas Director from Ocean Resources Online: <http://www.ocean-resources.com/directory/default.asp>

Global Serve Oil, Gas and Mining Directory - serving the Canadian and Alberta oil, gas and mining industry: <http://www.global-serve.net/>

Oil Directory.com - Oilfield services and supply search directory. Also includes: equipment sales section, daily crude oil pricing information, daily oilfield news updates, industrial auctions listings, financial information, drilling licenses, employment section, upcoming events listings, corporate press releases, stock market quotations: <http://www.oildirectory.com/>

Oilfield Canada.com: <http://www.oilfieldcanada.com/>

Oilfield Directory.com - global petroleum resource centre: <http://www.oilfielddirectory.com/>

Subsea Oil and Gas Directory: <http://www.subsea.org/>

General

Canadian WellSite.com - Canadian Oil Patch: <http://www.canadian-wellsite.com/>

Crude Oil Spot and Natural Gas Spot Prices: <http://www.wtrg.com/daily/oilandgasspot.html>

Earth Science World: <http://www.earthscienceworld.org/>

- Virtual Oil Well - interactive game: <http://www.earthscienceworld.org/games/index.html>

NaturalGas.Org - comprehensive information on natural gas: <http://www.naturalgas.org/index.asp>

OilTracers <https://oiltracers.com/library/default.asp>

Petroleum Place - industry services: <http://www.petroleumplace.com/>

USGS Geology: <http://geology.usgs.gov/>

- Energy Resources Information - world wide: <http://energy.usgs.gov/>
- Minerals Information. Download free full text statistics and information.: <http://minerals.usgs.gov/minerals/>

News and Information

Oil & Gas Online - the premier sourcing site for the international upstream petroleum industry
<http://www.oilandgasonline.com/content/homepage/default.asp?VNETCOOKIE=NO>

Platts: - global energy market news covering: oil, natural gas, coal, electric power, nuclear, petrochemicals, information technology, risk management and business: <http://www.platts.com/>

Ocean Resources Online - for Atlantic Canada news and information: <http://www.ocean-resources.com/default.asp>

OilOnline : <http://www.oilonline.com/>

Publications

Annual Energy Outlook 2005 with Projections to 2025 - The US Annual Energy Outlook presents a midterm forecast and analysis of US energy supply, demand, and prices through 2025: <http://www.eia.doe.gov/oiaf/aeo/index.html>

Annual Energy Review: from the US Government. Provides US and global historical information and trends on world energy, production and consumption for petroleum, natural gas, coal and electricity: <http://www.eia.doe.gov/emeu/aer/>

Canadian Association of Petroleum Producers (CAPP) <http://www.capp.ca/>

- Publications: http://www.capp.ca/default.asp?V_DOC_ID=10

Canadian Journal of Civil Engineering - free full-text access: http://pubs.nrc-cnrc.gc.ca/cgi-bin/rp/rp2_desc_e?cjc

E-Journal Search Engine - Intute: Science, Engineering and Technology. Free, full text (or most of their content is full text) access to over 350 electronic journals: <http://www.intute.ac.uk/sciences/ejournals.html>

Centre for Energy: <http://www.centreforenergy.com/Shopping/BrowseCategory.asp?CategoryKey=8> - free full text access (click on view it) to access the following publications:

Benzene: Questions and Answers	Canada's Crude Oil Resources
Canada's Evolving Offshore Oil and Gas Industry	Canada's Natural Gas Resources
Canada's Oil Sands and Heavy Oil	Canada's Pipelines
Evolution of Canada's Oil and Gas Industry	Flaring: Questions and Answers
Sour Gas: Questions and Answers	

Mining Association of Canada Publications: http://www.mining.ca/www/Resource_Center/Publications.php

National Academies Press, The - Read more than 2,500 books, for free, online, in the areas of in science, engineering, and health:
<http://www.nap.edu/>

Oil Sands Fever - The Environmental Implications of Canada's Oil Sands Rush. Shot in Fort McMurray and Calgary.

- Oil Sands Fever video from Oil Sands Watch.org (<http://www.oilsandswatch.org/>):
Video at <http://www.oilsandswatch.org/videos/osf>
- Oil Sands Fever - download the book from the Pembina Institute: <http://www.oilsandswatch.org/pub/1404>
Book at: <http://www.oilsandswatch.org/pub/1404>

Producing Natural Gas from Coal: http://www.oilfield.slb.com/media/services/resources/oilfieldreview/ors03/aut03/p8_31.pdf

World Oil.com - A monthly magazine offering full-text articles industry news, statistics and technical editorial to the oil and gas drilling, exploration and production industry: <http://www.worldoil.com/>

World Oil and Gas Review 2007: from ENI http://www.eni.it/home/home_en.html, and fully downloadable:
http://www.eni.it/en_IT/culture-energy/economic-energy-analyses/economic-energy-analyses.shtml

Search Engines

Dogpile: <http://www.dogpile.com> Google: <http://www.google.ca> Google Scholar: <http://scholar.google.com>

Google Print: <http://print.google.com> Scirus: <http://www.scirus.com> Vivisimo: <http://www.vivisimo.com>

The Engineering Web - from Global Spec. Focuses on engineering and technical content: <http://search.globalspec.com/Search>