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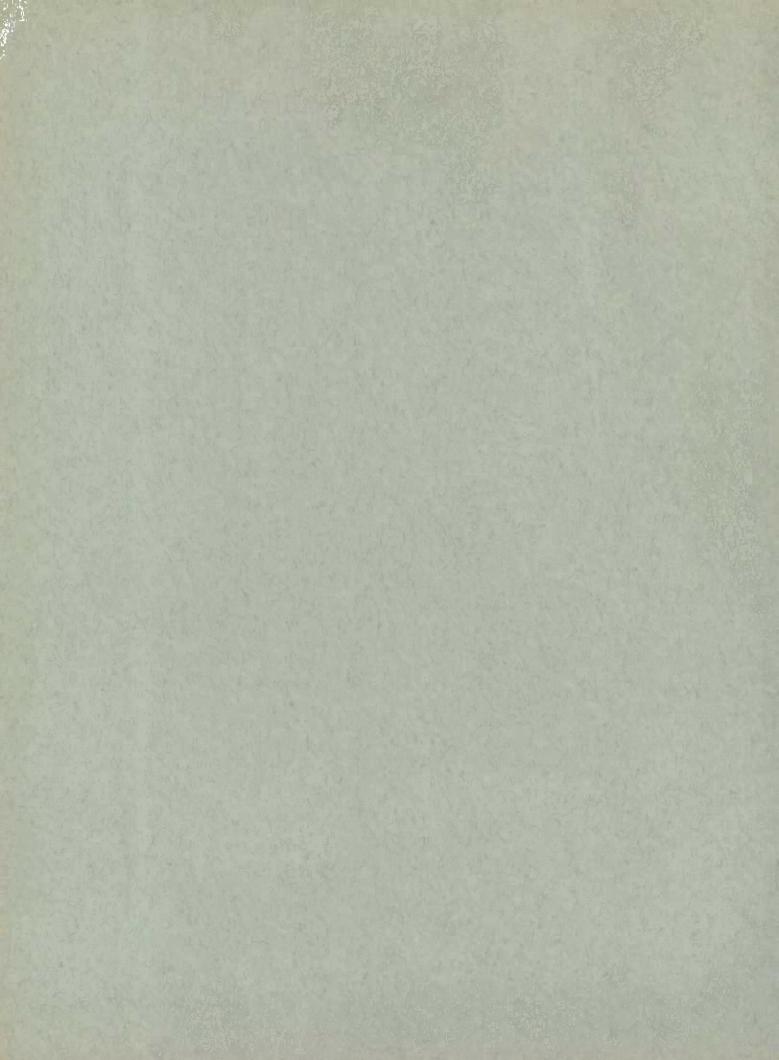
THE NATURAL GAS INDUSTRY

IN

CANADA

1933

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS MINING, METALLURGICAL AND CHEMICAL BRANCH OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief - Mining, Metallurgical and Chemical Branch: W. H. Losee, B.Sc.

THE NATURAL GAS INDUSTRY IN CANADA, 1933.

The Canadian production of natural gas during 1933 declined to 23,138,103 thousand cubic feet valued at \$8,712,234 from the 1932 total of 23,420,174 thousand cubic feet worth \$8,899,462.

Alberta was the leading natural gas producing province with an output of 15,352,811 thousand cubic feet; Ontario followed with 7,166,659 thousand cubic feet and New Brunswick came next with 618,033 thousand cubic feet. As usual, there was a small output from several private wells in Manitoba.

New Brunswick's supply of natural gas is obtained from wells in the Stony Creek field, near Moncton. Industrial and domestic users in Moncton and Hillsborough are served with gas from this field. One new producing well was completed in 1933 and one well was deepened. In addition, two dry wells were drilled during the year while drilling operations were suspended for the winter on a test well.

An extract from a report by the New Brunswick Gas & Oilfields Limited, the operating company in this province, reads as follows:-

"Since 1919 this company has investigated the various modern methods of geophysical surveying as applied to oil development, and, following experimental work
carried out in 1930 by our Dr. J.A.L. Henderson, south of Moncton, the geo-magnetic
method was considered by him to be the only one applicable with any reasonable hope
of useful results, for the complex conditions existing in New Brunswick. To test
the suitability of this method a series of preliminary geo-magnetic traverses were
carried out in September, 1932, under the aegis of the Federal and Provincial governments in co-operation with this company. The results were encouraging enough to
warrant this company in continuing the work itself in 1933. Special instruments
of the latest type were made in England and this work has been energetically prosecuted
since early in June and has continued uninterruptedly throughout the summer and
autumn months."

In Quebec, according to a provincial government report, a deep well was drilled on lot 160 of Petit Bois range, in the parish of St. Angele de Laval, Nicolet county. This well, unexpectedly, entered the pre-Cambrian at 5,100 feet; drilling was continued to 5,280 feet and then the well was "shot" at 4,955 feet on August 5th. There was no increase in the flow of gas so the well was abandoned. North of the St. Lawrence three shallow wells were drilled in the counties of L'Assomption and Joliette; a small flow of gas was obtained from these wells.

Natural gas production in Ontario declined 3.0 per cent in 1933 to 7,166,659 thousand cubic feet as compared with 7,386,154 thousand cubic feet a year ago. In the Tilbury field there was a reduction of approximately 200,000 thousand cubic feet during the year. Production in the Haldimand field increased about 70,000 thousand cubic feet and in the Dawn field 100,000 thousand cubic feet.

Col. R. B. Harkness, Commissioner of Gas for Ontario, reports that there was little exploratory drilling in 1933. One well was drilled in Madistone township, Essex county; one in Oxford township, Kent county; one in Chatham Gore, Kent county; one in Ekfrid township, Middlesex county, and one in Puslinch township, Wellington county. Further drilling was carried out in an endeavour to enlarge the fields in Raleigh township, Kent county; Dawn township, Lambton county; Middleton township, Norfolk county, and in Tuscarora, Indian Reserve, Brant county. Some drilling was done also within the limits of the Haldimand, Norfolk and Welland fields. Altogether 173 producing wells were drilled in 1933 as compared with 151 in 1932 and 196 in 1931; the open flow from the new wells completed in 1933 was 15,826 thousand cubic feet as against the 1932 total of 8,870 thousand cubic feet and the 1931 new flow of 45,123 thousand cubic feet. Over 90 per cent of the wells drilled were owned by small independent producing companies who drill under contract to sell their output The greatest activity was in Walpole township where the to a distributing company. success in 1932 stimulated interest.

At the close of the year 2,339 wells were producing gas in Ontario. Sixty-seven dry wells were drilled during the year and 55 wells were abandoned.

The total capital employed by all companies operating in this industry in Ontario during 1933 amounted to \$51,744,194. Employment was furnished 940 salaried employees and wage-earners who received a total remuneration of \$1,021,656.

Alberta's production of natural gas in 1933 totalled 15,352,811 thousand cubic feet; this represented a decline of 0.1 per cent from the preceding year's output of 15,370,968 thousand cubic feet. These figures include only the natural gas consumed for industrial and domestic purposes and do not take into account the waste gas burned in the Turner Valley field and the gas piped to the Bow Island field for storage.

The Turner Valley field, which is located about 35 miles southwest of Calgary, was the largest natural gas producing area in Canada in 1933. Natural gas produced in this field and consumed during the year amounted to 9,846,431 thousand cubic feet as against 9,605,705 thousand cubic feet in 1932 and 12,242,037 thousand cubic feet in 1931. Approximately 22,700 consumers in Calgary, Lethbridge and the district were served with this gas in 1933, in addition, considerable quantities were used in the field for drilling purposes. Continuing the practice of the past several years, a large quantity of gas from this field was piped into the exhausted sands of the Bow Island field for storage.

The city of Medicine Hat consumed 2,149,535 thousand cubic feet of natural gas in 1933; during the preceding year, 2,139,534 thousand cubic feet were used. Thirty wells in the Medicine Hat field supplied gas to about 2,500 industrial and domestic consumers. The Redcliff field, located about two miles west of Medicine Hat, supplied gas to consumers in Redcliff.

About 10,000 users in Edmonton were furnished with gas from the Viking field which is about 80 miles southeast of the city. In addition, some 500 consumers outside of Edmonton were supplied with gas from this field.

Approximately 300 users in Wainwright were supplied with gas from the Maple Leaf well in the Fabyan field.

Imports of mixed gas (natural and artificial) into Canada from the United States in 1933 amounted to 100,854 thousand cubic feet worth \$73,435; in 1932 importations totalled 120,840 thousand cubic feet appraised at \$91,234.

The 174 firms operating in the natural gas industry in Canada during 1933 reported a capital investment of \$80,937,170. This industry employed 1,367 salaried employees and wage-earners who received a total remuneration of \$1,650,815. The cost of fuel and electricity used during the year was \$53,994.

NATURAL GAS PRODU	UCTION IN ONTARIO, BY FIELD	OS, 1932 and 19	933 (a)
County	Fields	1.932	1933
		M cu. ft.	M cu. ft.
Essex Kent Lambton Elgin Norfolk Lincoln	Kingsville	4,506,072 275,958 170,671 45,708 365,638	4,201,704 252,694 265,061 45,968 346,621
Haldimand	Haldimand) Wentworth)	1,453,864	1,524,251
Brant Bruce Welland Wells in surface drift Private wells	Onondaga	140,612 500 351,616 15,515 60,000	121,578 500 333,619 14,663 60,000
		7,386,154	7,166,659
Value		4,719,297	\$ 4,523,084
Imported mixed g	gas M cu. ft.	111,727	97,075

(a) Prepared by the Ontario Department of Mines.

Total distributed M cu. ft.

	PRODUCTION	OF	NATURAL	GAS :	IN	CANADA.	BY	MONTHS.	1933.
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7,497,881

7,263,734

Month	New Brunswick	Ontario	Alberta	CANADA
	M cu.ft.	M cu.ft.	M cu.ft.	M cu.ft.
January February March April May June July August September October November	73,616 76,626 75,913 68,014 52,405 36,642 25,065 20,395 24,544 33,854 57,134	862,234 844,264 802,263 811,707 627,211 330,698 293,843 284,066 331,542 495,028 590,316	1,198,061 1,896,421 1,615,057 1,345,025 1,011,814 760,041 679,620 637,282 792,475 1,120,769 1,483,640	2,933,911 2,817,311 2,493,233 2,224,746 1,691,430 1,127,681(a) 998,528 941,743 1,148,561 1,649,651 2,131,090
December	73,825	893,487	2,012,606	2,980,218(a)
TOTAL	618,033	7,166,659	15,352,811	23,138,103(a)

⁽a) Includes small production from Manitoba.

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PRODUCTION OF NATURAL GAS IN CANADA, BY PROVINCES, 1932 and 1933.						
	1 9	3 2	1 9	3 3		
Province	M cu,ft.	Value	M cu.ft.	Value		
		\$		\$		
New Brunswick	662,452	326,191	618,033	302,706		
Ontario	7,386,154	4,719,297	7,166,659	4,523,085		
Manitoba	600	180	600	.180		
Alberta	15,370,968	3,853,794	15,352,811	3,886,263		
CANADA	23,420,174	8,899,462	23,138,103	8,712,234		
PRINCIPAL STATISTICS OF TH	HE NATURAL GAS		CANADA, 1932 9 3 2	and 1933.		
Number of firms	Cy	75,1	160 .87,066 .571 .780	174 80,937,170 588 779		
Salaries and wages Salaries Wages Cost of fuel and electricity Selling value of products	Total	\$ 8 \$ 8 1.7	1,351 44,193 94,756 38,949 32,912 99,462	1,367 817,952 832,863 1,650,815 53,994 8,712,234		

NATURAL GAS PRODUCERS IN CANADA, 1933.

NOTE - (a) Drilling only.

(b) Distributing only.

(c) Producing wells drilled in 1933 - no output reported.

(0) [1	oddcing wells dilited in 1988 - h	o output reported
Name	Address	Location - Field
NEW BRUNSWICK - New Brunswick Gas & Oilfields Ltd. (b) Moncton Tramway, Electricity and Gas Co. Ltd.	Moncton Moncton	Stony Creek
QUEBFC - (a) Canadian Seaboard Oil & Gas Co. Ltd. Trinidad Mines Gas and Oil Ltd.	39 Broadway, New York City, U.S.A. 116 Cote de la Montagne, Quebec	Yamaska county.
ONTARIO - Acme Gas & Oil Co. Ltd. Aikens Gas Syndicate	350 Bay St., Toronto Vineland	Middleton Canboro, Dunn and North Cayuga
Ajax Oil & Gas Co. Ltd.	80 King St. W., Toronto	Dover, Middleton and Tuscarora
Amity Gas Co. Aragain Gold & Natural Gas Syndicate Beer, Geo. Benn, A. S. Bertie Natural Gas Syndicate Binbrook Village Gas Co. Border Cities Gas Syndicate	Kenmore, New York, U.S.A. 34 King St. E., Toronto Binbrook Hagersville Selkirk Binbrook 2½ James St. N., Hamilton	Canboro and Mouli Canboro and Sene Binbrook Walpole Bertie Binbrook Onondaga

NATURAL GAS PRODUCERS IN CANADA, 1933 (continued)

Name
ONTARIO - continued (b) Brantford Gas Co.

Broadway Gas Syndicate
Canada Cement Co.
Canadian Natural Gas Syndicate
Canby, B. F.
Canfield Natural Gas Co. Ltd.
(c) Central Seneca Gas Syndicate
Central Pipe Line Co. Ltd.

Chippawa Development Co. Coleman, J. A.

Colonial Natural Gas & Oil Syndicate (c) Columbia Natural Gas & Oil Syndicate Continental Gas Corporation, Ltd.

(c) Culver, W. H. Cyclops Gas Syndicate

Dominion Natural Gas Co. Ltd.

Dunn Natural Gas Co. Eastside Gas Co. Emerald Gas Syndicate Emerson, H. Empire Gas & Oil Syndicate Erie Gas Ltd. Fisherville Gas Co. Gifford, A., & Son (c) Glengrove Gas Co. Glenny, D. Grand River Gas & Oil Syndicate Grand River Natural Gas Co. Ltd. Grimsby Natural Gas Co. Ltd. Haldimand Gas Syndicate Haldimand Natural Gas Syndicate Highbank Oil Ltd. Hill, A. W.

Address

518 Jackson Bldg., Buffalo,
N.Y., U.S.A.
Jarvis
Box 290, Station B, Montreal
Simcoe
Wainfleet
Canfield
Cayuga
Chatham

Chippawa Wellandport

1304-5 Pigott Bldg., Hamilton

1304-5 Pigott Bldg., Hamilton 19 Melinda St., Toronto

Dunnville 244 Bay St., Toronto

518 Jackson Bldg., Buffalo, N.Y., U.S.A.

Dunnville Lowbanks 244 Bay St., Toronto Dunnville 18 Toronto St., Toronto 407 Royal Bank Bldg., Toronto Fisherville Cavuga 350 Bay St., Toronto Dunnville Canfield Welland Grimsby Cayuga Stevensville 215 King St. W., Chatham Coatsworth

Location-Field

Rainham and Walpole
Wainfleet
Moulton
Wainfleet
North Cayuga
Seneca
Bayham, Houghton
and Middleton
Willoughby
Gainsboro and
Wainfleet
Canboro and Moulton

Dunn Binbrook and Walpole Oneida Oneida, Rainham and Walpole Bayham, Binbrook, Caistor, Canboro, Charlotteville, Cayuga (North and South), Dunn, Glanford, Houghton, Humberstone, Malahide, Middleton, Moulton, Oneida, Onondaga, Rainham, Seneca, Sherbrooke, Townsend, Wainfleet, Walpole, Walsingham (North and South), Windham and Woodhouse. Dunn and Sherbrooke Sherbrooke Moulton and Oneida Canboro and Moulton Walpole Woodhouse Rainham South Cayuga Walpole Canboro North Cayuga Moulton Caistor Rainham Bertie Raleigh E. Tilbury

NATURAL GAS PRODUCERS IN CANADA, 1933 (continued)

Name Address ONTARIO - continued -Hope Gas Syndicate House & Harris Ideal Gas Syndicate Industrial Natural Gas Co. Jasperson, Bon Kelly Gas & Oil Syndicate Kerwin & Dawson Kindy, D., & Son (b) Leamington, Town of (c) Lewis & Co.

Lindsay and McDougall

Lincoln Gas Co. Ltd.

Lymburner & Webber (c) Lynn Valley Watural Gas Syndicate 57 Queen St. W., Toronto McKechnie & Hussey McKinney, J. F. (b) Manufacturers Natural Gas Co.

Melrose Oil & Gas Co. Midfield Gas Co. Ltd.

Midwal Oil & Gas Co.

Mohawk Gas & Oil Syndicate Nelles Corners Gas Syndicate

Niagara Natural Gas Co. Niece, H., & Son North Cayuga Natural Gas Syndicate

Northern Gas & Gasoline Co. North Shore Gas Co. (b) Oil Springs Oil & Gas Co. Ltd. Olga Gas & Oil Co. Ltd. (b) Ontario Salt Co. Otterville Natural Gas Syndicate

Patterson, W. C.

Petrol Oil & Gas Co. Ltd.

(c) Pope-Ryan Gas Co. Port Colborne-Welland Natural Gas & Oil Co.

43 Ontario St., St. Catharines Stevensville Fisherville Port Robinson

Kingsville

357 Bay St., Toronto Merlin Selkirk Leamington Buffalo, N.Y., U.S.A. 372 Bay St., Toronto

Canada Permanent Bldg., Edmonton, Canboro, Rainha Alberta Dunnville Dunnville Niagara Falls, N.Y., U.S.A. 518 Jackson Bldg., Buffalo, N.Y., U.S.A. 911 Kent Bldg., Toronto

5 Elmer Ave., Toronto

421 Main St. E., Hamilton Nelles Corners

144 Main St. E., Hamilton

Buffalo, N.Y., U.S.A. Lowbanks 1647 Beacon St., Brookline, Mass., U.S.A. Hepworth Selkirk Oil Springs 320 Bay St., Toronto 10 West Ave. N., Hamilton 176 Dowling Ave., Toronto

Jamestown, N.Y., U.S.A.

204 York Bldg., Toronto

244 Bay St., Toronto

Port Colborne

Location-Fie

Moulton Bertie Rainham Bertie, Crowlan Humberstone an Willoughby

S. Gosfield, Ma stone, Romney and Tilbury E. Rainham East Tilbury

Rainham Wainfleet Caistor, Canbor

Gainsboro and Moulton

and Walpole Moulton and Rai Oneida Canboro Rainham

Oneida North Cayuga an Oneida Middleton and North Walsingh Canboro North Cayuga an Rainham Moulton

North Cayuga Amabel Rainham

Sherbrooke

Raleigh Rainham and Walpole Dunn, Seneca, Walpole and Willoughby Dover, Oneida, Onondaga and Tuscarora

Oneida

Oneida, Onondag and Seneca

NATURAL GAS PRODUCERS IN CANADA, 1933 (continued)

Name
ONTARIO - concluded (c) Prairie Gas & Oil Co. Ltd.
Premier Oils Ltd.
Provincial Natural Gas & Fuel Co.
of Ont. Ltd.

Rainham Gas Syndicate

Regal Gas Syndicate

Rich Gas Co. Riley, J. V. Rolston Estate Romney Gas & Oil Co.

Salina Gas Co. Ltd. Sarnia Gas & Oil Co.

Selected Natural Gas & Oil Syndicate

Sherk, John M.
Shepherd, E.
Sherbrooke Gas Syndicate
Smith, R. H.
Southern Ontario Gas Co. Ltd.

Springvale Gas & Oil Syndicate
Standard Gas & Oil Syndicate
Sterling Gas Co. Ltd.
Stevensville Natural Gas & Fuel Co.
Superior Gas Syndicate
Sweets Corners Gas & Oil Syndicate
Tillsonburg Oil & Gas Co. Ltd.
Union Gas Co. of Canada, Ltd.

(b) United Gas & Fuel Co. of Hamilton, Ltd. Vacuum Gas & Oil Co. Ltd. Walpole Gas Syndicate Walter Gas Syndicate

Welland County Gas Syndicate White Oil & Gas Co. Ltd.

SASKATCHEWAN -Lloydminster Gas Co. Ltd. Twin Provinces Oil Co. Ltd. Address

350 Bay St., Toronto 539A St.Clair Ave.W., Toronto Fort Erie North

Cayuga

244 Bay St., Toronto

18 Lola Road, Toronto Simcoe Dunnville 314 Dundas St., London

47 Sixth St., Chatham Sarnia

40 Garnock Ave., Toronto

Stevensville
Dunnville
Dunnville
Lowbanks
518 Jackson Bldg., Buffalo,
N.Y., U.S.A.

Hagersville
Fisherville
319 Bay St., Toronto
Stevensville
Fisherville
Fisherville
24 Carlton St., Toronto
52 Fifth Ave., Chatham

Hamilton
350 Bay St., Toronto
Cayuga
Orchard Park, N.Y., U.S.A.

Stevensville Imperial Bldg., Sarnia

Lloydminster Maple Creek Location - Field

Dover Onondaga Bertie, Crowland, Humberstone and Willoughby Rainham and Seneca Rainham and Walsingham S. Moulton Moulton Canboro Romney and Tilbury E. Tilbury E. Enniskillen and Sarnia Canboro, Moulton and Oneida Bertie Canboro Sherbrooke Moulton Mersea, Mosa, Raleigh, Romney and East Tilbury Walpole Rainham and Walpole Walpole Bertie Rainham Rainham Middleton Canboro, North

Middleton and Grided
Walpole
Canboro and
Middleton
Bertie
Seneca and Walpole

Cayuga, South

Dunn, Ekfrid,

Cayuga, Dawn, Dover,

Eurhemia, Haldimond, Rainham, Raleigh, Romney, Senoda, East Tilbury

Lloydminster Near Maple Creek Name

Address

Location-Field

ALBERTA -

Advance Oil Co. Ltd. Alberta Clay Products Co. Ltd. Alberta Pacific Consolidated Oila Ltd. Albertan Federated Oils Ltd. Associated Oil & Gas Co. Ltd. Baltac Oils Ltd. (b) Bow Island, Town of British Pominion Oil & Development Corp. Ltd. Calmont Oils Ltd.

Canadian Pacific Railway Co. Canadian Western Natural Gas, Light, Heat & Power Co. Ltd. Canadian Western Power & Fuel Co. Ltd. Commonwealth Petroleum Ltd. Dalhousie Oil Co. Ltd. Dominion Glass Co. Ltd. East Crest Oil Co. Ltd. Echlin, C. R. Foothills Oil & Gas Co. Ltd. Freehold Oil Corp. Ltd. Gunderson Brick & Coal Co. Ltd. Home Oil Co. Ltd. Homestead Oils, Ltd. Hudson's Bay Oil & Gas Co. Ltd. Hylo Oils Ltd. Lowery Petroleums Ltd. Maple Leaf Milling Co. Ltd. Maple Leaf Oil Co. Ltd. Mayland Oil Co. Ltd. McLeod Oil Co. Ltd. Medicine Hat, City of Mercury Oils Ltd. Merland Oil Co. of Canada, Ltd. Midfield Oil Co. Ltd. Miracle Oils Ltd. Model Oils Ltd. New McDougall-Segur Oil Co. Ltd. Northwestern Utilities Ltd. Ogilvie Flour Mills Co. Ltd. Okalta Oils Ltd. Range Oil & Gas Co. Ltd.

Royalite Oil Co. Ltd. Southern Lowery Oils Ltd. Southwest Petroleum Co. Spooner Oils Ltd. Sterling Pacific Oil Co. Ltd. Sterling Royalties Ltd.

Albertan Bldg., Calgary Medicine Hat Toronto General Trusts Bldg., Calgary Leeson-Lineham Block, Calgary 200 Leeson-Lineham Block, Calgary 200 Leeson-Lineham Block, Calgary Bow Island

208 Dominion Bank Bldg., Calgary 301 Toronto General Trusts Bldg., Calgary Medicine Hat

215 - 6th Ave. W., Calgary

Redcliff 410 Lancaster Bldg., Calgary 606 - 2nd St. W., Calgary 1111 Beaver Hall Hill, Montreal, P.Q. 409 Maclean Block, Calgary Craigmyle 606 - 2nd St. W., Calgary Black Diamond Redcliff 508 Pacific Bldg., Vancouver, B.C. 303 Beveridge Bldg., Calgary 522 Lougheed Bldg., Calgary 118 Renfrew Bldg., Calgary 88 King St. E., Toronto Medicine Hat 1007 Stock Exchange Bldg., Vancouver, B.C. Fabyan

606 - 2nd St. W., Calgary 203 Grain Exchange Bldg., Calgary Medicine Hat 300 Lancaster Bldg., Calgary 327 - 13th St.N.W., Calgary Turner Valley 300 Lancaster Bldg., Calgary 8 Cameron Block, Calgary 70 Union Bldg., Calgary 10124 - 104th St., Edmonton Medicine Hat Renfrew Bldg., Calgary 101 Canadian Bank of Commerce Bldg., Calgary 606 - 2nd St. W., Calgary 606 - 2nd St. W., Calgary

606 - 2nd St. W., Calgary

1202 - 1st St. W., Calgary

123 - 8th Ave. W., Calgary

640 Pender St. W., Vancouver, B.C.

Turner Valley Turner Valley Turner Valley Turner Valley

Turner Valley Medicine Hat

Turner Valley Turner Valley Turner Valley Turner Valley

Turner Valley

Turner Valley Medicine Hat

Brooks

Redcliff Turner Valley Turner Valley Redcliff Turner Valley Craigmyle Turner Valley

Turner Valley Redcliff Turner Valley Turner Valley Viking

Turner Valley Turner Valley Medicine Hat

Turner Valley Turner Valley Medicine Hat Turner Valley Turner Valley Turner Valley Turner Valley Turner Valley

Turner Valley Viking Medicine Hat Turner Valley

Border

Turner Valley Turner Valley Name

Address

Location-Field

ALBERTA - concluded
Suffield, Village of
United Natural Gas Development
Co. Ltd.
Vanalta Oils Ltd.
(b) Wainwright Gas Co. Ltd.
Wellington Oil & Gas Co. Ltd.
Wetaskiwin, City of

Suffield 200-203 Leeson-Lineham Block, Calgary Granville Island, Vancouver, B.C. 36 Dominion Bank Bldg., Edmonton 4 Central Bldg., Calgary Wetaskiwin

Suffield

Foremost Red Coulee

Turner Valley Wetaskiwin

