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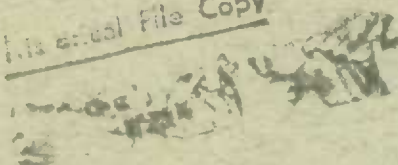


CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

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THE NATURAL GAS INDUSTRY

IN

CANADA

1932

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THE NATURAL GAS INDUSTRY IN CANADA, 1932.

Natural gas production in Canada during 1932 amounted to 23,420,174 thousand cubic feet valued at \$8,899,462; in the preceding year 25,874,723 thousand cubic feet worth \$9,026,754 were produced, according to a report issued by the Dominion Bureau of Statistics at Ottawa.

Alberta continued to be the leading producing province with an output of 15,370,968 thousand cubic feet; Ontario followed with 7,386,154 thousand cubic feet and New Brunswick came next with 662,452 thousand cubic feet. Manitoba's output was obtained from several private wells.

Wells in the Stony Creek field, near Moncton, are the source of New Brunswick's natural gas output. Gas from this field is piped into Moncton and Hillsborough where it is used for industrial and domestic purposes. Two new wells were started in 1932 one of which was drilled in with an output of 1,300 thousand cubic feet of gas per day while the flow from the other was small. Two other wells were deepened during the year. In all, 11,098 feet of drilling were done in this field during 1932.

In Quebec, according to a provincial government report, three deep wells were completed in 1932 in the St. Lawrence lowlands but failed to reveal the presence of commercial quantities of natural gas. A well in the parish of St. Denis, St. Hyacinthe county, was abandoned at 4,150 feet in May, 1932, after an unsuccessful "shooting" attempt. Drilling at La Visitation, in Yamaska county, started in October, 1931; owing to bad caving and the loss of a string of tools in the hole this well was abandoned at a depth of 3,000 feet in March, 1932. A second well was started in this locality on April 26th; it was abandoned in August at 4,400 feet. At St. Gerard, in Yamaska county, a well was drilled to a depth of 6,160 feet; this well was abandoned in December, 1932.

Ontario's natural gas production in 1932 was at approximately the same level as in 1931; the outputs were 7,386,154 thousand cubic feet and 7,419,534 thousand cubic feet, respectively. According to Col. R. B. Harkness, Commissioner of Gas for Ontario, the major distributing and producing companies in the province did no exploratory or development drilling during the year, leaving this field entirely to the independent producer, in consequence of which thirteen new producing companies entered the field, mainly in Haldimand county. One hundred and fifty-one producing wells were drilled in 1932 as compared with one hundred and ninety-six in 1931 and the open flow from new wells dropped to 8,870 thousand cubic feet from the 1931 total of 45,123 thousand cubic feet.

In northern Raleigh township, Kent county, the Union Gas Company drilled two exploratory wells, one dry and one producer. The Olga Gas and Oil Company extended their operations from their well discovered in the previous year. Bon Jasper-son drilled two dry wells in Gosfield South, Essex county, in new territory. This year shows the smallest amount of drilling in Kent county in many years.

In the eastern field, the Dominion Natural Gas Company continued operations in Houghton township, drilling a producing well east of Fairground. This township has had little attention for many years. About fifteen years ago a few wells were drilled with what was then considered too small an open flow to be of commercial importance, but in recent years, with the improved price of gas, such wells are of considerable value. One well has supplied the village of Fairground for many years. Although none of the recent wells drilled has been at all spectacular, the results are encouraging. The old gas area in Haldimand county, which has been producing steadily for thirty-five years, again shows the greatest activity. The Welland field, which was considered fully drilled years ago, had six producing wells in 1931 and 1932, owing to the premium price for gas in that area. None of them was large. Only two producing wells were drilled in Brant county, after an extensive drilling campaign by the Petrol Oil and Gas Company and the Ajax Oil and Gas Company, on the Six Nations Indian Reserve, during the past five years.

Forty-five drilling rigs were in operation in 1932, and a total of 176,497 feet was drilled in 8,019 working days.

Distributing companies reported little new work in 1932. The Dominion Natural Gas Company laid three miles of 4 inch line from Burlington to Waterdown and installed a distribution system in the village. This company's distribution systems in Preston and Hespeler, which were installed in 1931, were extended in 1932. Five wells near the village of Fairground, in Houghton township, were connected to the main transmission line to Tillsonburg and Simcoe by the Dominion Natural Gas Company. These wells are also connected to the Central Pipe Line Company's main to Aylmer.

A pipe line from the Haldimand gas field to Hamilton was put into service by the Union Gas Company and is supplying the United Gas and Fuel Company of Hamilton with natural gas. The latter company's plant in East Hamilton was changed from manufactured gas to natural gas and consumers in this area are being served with natural gas while those in the remainder of the city are supplied with manufactured gas purchased from the Hamilton By-Product Coke Ovens, Limited.

At the close of the year, 2,251 wells were producing natural gas in Ontario. Forty-two wells were abandoned in 1932 and thirty-two dry holes were drilled.

The total capital employed by operators in this industry in Ontario during 1932 was \$45,962,728. Employment was furnished 884 salaried employees and wage-earners who received a total remuneration of \$1,059,543.

Output in Alberta declined 13.6 per cent to 15,370,968 thousand cubic feet from the 1931 total of 17,798,698 thousand cubic feet. This falling-off was due mainly to curtailed industrial demand and to a decline in field consumption. The Turner Valley field, located about 35 miles southwest of Calgary, Alberta, continued to be Canada's principal natural gas producing area. Natural gas produced in this field and used in 1932 totalled 9,605,705 thousand cubic feet as compared with 12,242,037 thousand cubic feet in 1931. Approximately 18,900 consumers in Calgary were served with the gas during 1932. Considerable quantities of Turner Valley gas were also used for drilling purposes during the year. As in the preceding year a large quantity of gas from this field was piped into the exhausted sands of the Bow Island field for storage.

In Medicine Hat, 2,139,534 thousand cubic feet of natural gas were consumed in 1932 as against 2,285,564 thousand cubic feet in the previous year. Thirty wells in the Medicine Hat field supplied gas to approximately 2,500 industrial and domestic consumers. Eight wells in the Redcliff field, 2 miles west of Medicine Hat, supplied gas to industrial and domestic consumers.

The Viking field, situated about 80 miles southeast of Edmonton, supplied gas to over 10,250 consumers in that city. In addition, approximately 570 users outside of Edmonton were furnished with gas from the Viking field.

The Maple Leaf well supplied natural gas to 300 consumers in Wainwright; this gas was piped $7\frac{1}{2}$ miles. Bow Island, Suffield and Wetaskiwin obtained their gas from local wells. Lethbridge and some smaller centres were furnished with gas from the Canadian Western Natural Gas, Light, Heat & Power Company's pipe line.

Imports of mixed gas (natural and artificial) into Canada from the United States in 1932 totalled 120,840 thousand cubic feet valued at \$91,234 as compared with 109,168 thousand cubic feet worth \$74,904 imported in 1931.

The 160 firms operating in this industry in Canada during 1932 reported a capital investment of \$75,187,066. Employment was furnished 1,351 salaried employees and wage-earners who received \$1,738,949. Fuel and electricity used during the year cost \$32,912.

PRODUCTION OF NATURAL GAS IN CANADA, BY MONTHS, 1932.

Month	New Brunswick	Ontario	Manitoba	Alberta	CANADA
	M cu.ft.	M cu.ft.	M cu.ft.	M cu.ft.	M cu.ft.
January	86,678	883,655	50	2,142,923	3,113,306
February	82,882	883,821	50	1,980,073	2,946,826
March	90,607	901,108	50	1,924,698	2,916,463
April	77,699	790,280	50	1,419,736	2,287,765
May	57,067	651,973	50	1,006,440	1,715,530
June	43,134	433,072	50	627,177	1,103,433
July	25,534	342,243	50	586,884	954,711
August	21,181	347,283	50	520,461	888,975
September	24,148	331,524	50	764,134	1,119,856
October	33,079	452,365	50	1,167,538	1,653,032
November	54,045	574,412	50	1,479,256	2,107,763
December	66,398	724,418	50	1,751,643	2,612,514
TOTAL	662,452	7,326,154	600	15,370,968	23,420,174

PRODUCTION OF NATURAL GAS IN CANADA, BY PROVINCES, 1931 and 1932.

Province	1	9	3	1	1	9	3	2
	M cu.ft.			Value	M cu.ft.			Value
				\$				\$
New Brunswick	655,891			323,184	662,452			326,191
Ontario	7,419,534			4,635,497	7,386,154			4,719,297
Manitoba	600			180	600			180
Alberta	17,798,698			4,067,893	15,370,968			3,853,794
CANADA	25,874,723			9,026,754	23,420,174			8,899,462

PRINCIPAL STATISTICS OF THE NATURAL GAS INDUSTRY IN CANADA, 1931 and 1932.

	1931	1932
Number of firms	145	160
Capital employed \$	71,085,678	75,187,066
Number of employees	596	571
On salary	596	571
On wages	1,096	780
Total	1,692	1,351
Salaries and wages	915,469	844,193
Salaries \$	915,469	844,193
Wages \$	1,156,613	894,756
Total \$	2,072,022	1,738,949
Cost of fuel and electricity \$	26,921	32,912
Selling value of products \$	9,026,754	8,899,462

DIRECTORY

NATURAL GAS PRODUCERS IN CANADA, 1932.

NOTE:- (a) Drilling only.
 (b) Distributing only.
 (c) Producing wells drilled in 1932 - no output reported.

<u>Name</u>	<u>Address</u>	<u>Location - Field</u>
<u>NEW BRUNSWICK -</u>		
New Brunswick Gas & Oilfields Ltd.	Moncton	Stoney Creek
<u>QUEBEC -</u>		
(a) Canadian Seaboard Oil & Gas Ltd.	39 Broadway, New York City, U.S.A.	Yamaska county.
(a) Richelieu Gas Co.	507 Place d'Armes, Montreal	St. Hyacinthe coun
(a) South Shore Oil Lands, Ltd.	Box 1660, Montreal	Yamaska county.
<u>ONTARIO -</u>		
Acme Gas & Oil Co. Ltd.	350 Bay St., Toronto	Middleton
Aikens Gas Syndicate	Vineland	Canboro and North Cayuga
Ajax Oil & Gas Co. Ltd.	1212 Star Bldg., Toronto	Dover, Middleton and Tuscarora
Allen, J. D.	Lowbanks	Moulton
Amity Gas Co.	Kenmore, New York, U.S.A.	Moulton
Aragain Gold & Natural Gas Syndicate	Toronto	Canboro and Seneca.
Beer, Geo.	Binbrook	Binbrook
Benn, A.S.	Hagersville	Walpole
Bertie Gas Syndicate	Selkirk	Bertie
Binbrook Village Gas Co.	Binbrook	Binbrook
Border Cities Gas Syndicate	Hamilton	Onondaga
(b) Brantford Gas Co.	518 Jackson Bldg., Buffalo, N.Y., U.S.A.	

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NATURAL GAS PRODUCERS IN CANADA, 1932. (continued)

<u>Name</u>	<u>Address</u>	<u>Location - Field</u>
<u>ONTARIO - continued</u>		
Canada Cement Co.	Montreal	Wainfleet
Canadian Natural Gas Syndicate	Simcoe	Moulton
Canby, B.F.	Wainfleet	Wainfleet
Canfield Natural Gas Co. Ltd.	Canfield	North Cayuga
Central Pipe Line Co. Ltd.	Chatham	Bayham, Houghton and Middleton
Chippawa Development Co.	Chippawa	Willoughby
Coleman, J. A.	Wellandport	Gainsboro and Wainfleet
(c) Colonial Natural Gas & Oil Syndicate	Hamilton	Moulton
(c) Contact Gas Co.	57 Bloor St. W., Toronto	Canboro
Continental Gas Corporation, Ltd.	33-43 Adelaide St., Toronto	Binbrook
Cyclops Gas Syndicate	244 Bay St., Toronto	Oneida
(c) Davis, Walter	Dunnville	Rainham
Dominion Natural Gas Co. Ltd.	518 Jackson Bldg., Buffalo, N.Y., U.S.A.	Bayham, Binbrook, Caistor, North Cayuga, South Cayuga, Charlotte- ville, Dunn, Glanford, Hough- ton, Humberstone, Malahide, Middle- ton, Moulton, Oneida, Onondaga, Rainham, Seneca, Sherbrooke, Townsend, Wain- fleet, Walpole, Walsingham, (North and South); Walpole, Windham and Woodhouse. Dunn and Sherbrooke.
Dunn Natural Gas Co.	Dunnville	Sherbrooke.
Eastside Gas Co.	Lowbanks	Wainfleet
Ellsworth, F.	Port Colborne	Moulton and Oneida.
Emerald Gas Syndicate	244 Bay St., Toronto	Canboro and Moulton.
Emerson, H.	Dunnville	Walpole. Woodhouse.
Empire Gas & Oil Syndicate	18 Toronto St., Toronto	Rainham.
Erie Gas Ltd.	407 Royal Bank Bldg., Toronto	South Cayuga.
Fisherville Gas Co.	Fisherville	Canboro
Gifford, A., & Son	Cayuga	North Cayuga
Gleeny, D.	Dunnville	Moulton
Grand River Gas & Oil Syndicate	Canfield	Caistor
Grand River Natural Gas Co. Ltd.	Welland	Rainham
Grimsby Natural Gas Co. Ltd.	Grimsby	
Haldimand Gas Syndicate	Cayuga	

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DIRECTORY

NATURAL GAS PRODUCERS IN CANADA, 1932. (continued)

<u>Name</u>	<u>Address</u>	<u>Location - Field</u>
<u>ONTARIO -- continued</u>		
Haldimand Natural Gas Syndicate	Stevensville	Bertie
Held, Fred	Fisherville	Rainham
Highbank Oil Ltd.	Chatham	Raleigh
Hill, A. W.	Coatsworth	E. Tilbury
Hope Gas Co.	St. Catharines	Moulton
House & Harris	Stevensville	Bertie
Ideal Gas Syndicate	Fisherville	Rainham
Industrial Natural Gas Co.	Port Robinson	Bertie, Crowland, Humberstone and Willoughby.
Jaspersen, Bon	Kingsville	S. Gosfield
Jones, J. S.	Port Maitland	Dunn
Kerwin & Dawson	Merlin	East Tilbury
Kindy, D., & Son	Selkirk	Rainham
(b) Leamington, Town of	Leamington	-
Lincoln Gas Co. Ltd.	372 Bay St., Toronto	Caistor, Canboro and Gainsboro.
Lindsay, W. B.	96 University Ave., Toronto	Walpole
Lindsay & McDougall	96 University Ave., Toronto	Rainham
Lymburner & Webber	Dunnville	Moulton and Rainham.
McKechnie & Hussey	Dunnville	Canboro
McKinney, J. F.	Niagara Falls, N.Y., U.S.A.	Rainham
(b) Manufacturers Natural Gas Co.	518 Jackson Bldg., Buffalo, N.Y., U.S.A.	-
(c) Melrose Gas & Oil Syndicate	911 Kent Bldg., Toronto	Oneida
Midfield Natural Gas Co. Ltd.	Hamilton	North Cayuga and Oneida.
(c) Midwal Oil & Gas Syndicate	1897 Queen St. E., Toronto	North Walsingham
Mohawk Gas & Oil Syndicate	319 Bay St., Toronto	Canboro
Natural Gas Investments Ltd.	319 Bay St., Toronto	Canboro
Nelles Corners Gas Syndicate	Hagersville	North Cayuga and Rainham.
Niagara Gas Co.	Buffalo, N.Y., U.S.A.	Moulton
Niece, H., & Son	Lowbanks	Sherbrooke
Northern Gas & Gasoline Co.	Hepworth	Amabel
North Shore Gas Co.	Selkirk	Rainham
(b) Oil Springs Oil & Gas Co. Ltd.	Oil Springs	-
Olga Gas & Oil Co. Ltd.	Toronto	Dover and Raleigh
Ontario Counties Gas Co.	Hamilton	Canboro and Middleton.
(b) Ontario Salt Co.	Hamilton	-
(c) Patterson, W. C.	Jamestown, N.Y., U.S.A.	Dunn
(c) Peninsular Gas Co.	Bloor Bldg., Toronto	Seneca
Petrol Oil & Gas Co. Ltd.	204 York Bldg., Toronto	Dover, Onondaga a Tuscarora.
(a) Plummer, L. E.	Toronto	Rainham
Port Colborne-Welland Natural Gas & Oil Co.	Port Colborne	Oneida, Onondaga and Seneca.

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DIRECTORY

NATURAL GAS PRODUCERS IN CANADA, 1932. (continued)

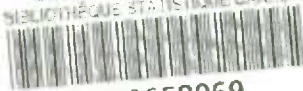
<u>Name</u>	<u>Address</u>	<u>Location - Field</u>
<u>ONTARIO - concluded</u>		
(c) Premier Oils Ltd.	Toronto	Onondaga
Provincial Natural Gas & Fuel Co. of Ont. Ltd.	Fort Erie North	Bertie, Crowland, Humberstone and Willoughby.
Rainham Gas Syndicate	Cayuga	Rainham
(c) Reserve Gas Co.	Buffalo, N.Y., U.S.A.	Onondaga
(c) Rich Gas Co.	10 Lola Road, Toronto	Moulton
Riley, J. V.	Simcoe	Moulton
Rolston & Bennett	Dunnville	Canboro
Romney Gas & Oil Co.	306 Dundas St., London	Romney
Sarnia Gas & Oil Co.	Sarnia	Enniskillen and Sarnia.
Selected Natural Gas & Oil Syndicate	7 McCaul St., Toronto	Canboro and Oneida.
Shepherd, E.	Dunnville	Canboro
Sherbrooke Gas Syndicate	Lowbanks	Sherbrooke
Smith, R. H.	Lowbanks	Moulton
Southern Ontario Gas Co. Ltd.	518 Jackson Bldg., Buffalo, N.Y., U.S.A.	Mersea, Raleigh, Romney and East Tilbury.
Springvale Gas & Oil Syndicate	Hagersville	Walpole
Standard Gas & Oil Syndicate	Fisherville	Rainham and Walpole.
Stevensville Natural Gas & Fuel Co.	Stevensville	Bertie
Superior Gas Syndicate	Fisherville	Rainham
Sweets Corners Gas & Oil Syndicate	Fisherville	Rainham
Tillsonburg Oil & Gas Co. Ltd.	Toronto	Middleton
Union Gas Co. of Canada, Ltd.	52 Fifth St., Chatham	Canboro, North Cayuga, South Cayuga, Dawn, Dover, Dunn, Rainham, Raleigh, Romney, Seneca, East Tilbury, Walpole and Woodhouse.
(b) United Gas & Fuel Co. of Hamilton, Ltd.	Hamilton	-
Vacuum Gas & Oil Co. Ltd.	350 Bay St., Toronto	Middleton
Walpole Gas Syndicate	Cayuga	Walpole
Welland County Gas Syndicate	Stevensville	Bertie
White Oil & Gas Co. Ltd.	Sarnia	Seneca
<u>ALBERTA -</u>		
Advance Oil Co. Ltd.	Albertan Bldg., Calgary	Turner Valley
Alberta Clay Products Co. Ltd.	Medicine Hat	Medicine Hat
Albertan Federated Oils Ltd.	Calgary	Turner Valley
Associated Oil & Gas Co. Ltd.	Calgary	Turner Valley
Baltac Oils Ltd.	Calgary	Turner Valley
Bow Island, Town of	Bow Island	Bow Island
British Dominion Oil & Development Corp. Ltd.	208 Dominion Bank Bldg., Calgary	Turner Valley
Calmont Oils Ltd.	201 Toronto General Trusts Bldg., Calgary	Turner Valley

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D I R E C T O R Y

NATURAL GAS PRODUCERS IN CANADA, 1932. continued

<u>Name</u>	<u>Address</u>	<u>Location Field</u>
ALBERTA - concluded		
Canadian Pacific Railway Co.	Medicine Hat	Medicine Hat
Canadian Western Natural Gas, Light, Heat & Power Co. Ltd.	215 - 6th Ave. W., Calgary	Brooks and Foremost
Canadian Western Power & Fuel Co. Ltd.	Redcliff	Redcliff
Commonwealth Petroleum Ltd.	410 Lancaster Bldg., Calgary	Turner Valley
Dalhousie Oil Co. Ltd.	606 - 2nd St. W., Calgary	Turner Valley
Dominion Glass Co. Ltd.	1111 Beaver Hall Hill, Montreal, P. Q.	Redcliff
East Crest Oil Co. Ltd.	409 Maclean Block, Calgary	Turner Valley
Foothills Oil & Gas Co. Ltd.	606 - 2nd St. W., Calgary	Turner Valley
Gunderson Brick & Coal Co. Ltd.	Redcliff	Redcliff
Home Oil Co. Ltd.	535 Georgia St. W., Vancouver, B. C.	Turner Valley
Hudson's Bay Oil & Gas Co. Ltd.	520 Lougheed Bldg., Calgary	Viking
Hylo Oils Ltd.	118 Renfrew Bldg., Calgary	Turner Valley
Lowery Petroleums Ltd.	88 King St. E., Toronto	Turner Valley
Maple Leaf Milling Co. Ltd.	Medicine Hat	Medicine Hat
Maple Leaf Oil Co. Ltd.	1007 Stock Exchange Bldg., Vancouver, B. C.	Fabyan
Mayland Oil Co. Ltd.	606 - 2nd St. W., Calgary	Turner Valley
McLeod Oil Co. Ltd.	203 Grain Exchange Bldg., Calgary	Turner Valley
Medicine Hat, City of	Medicine Hat	Medicine Hat
Mercury Oils Ltd.	300 Lancaster Bldg., Calgary	Turner Valley
Merland Oil Co. of Canada, Ltd.	134 King St. E., Toronto	Turner Valley
Miracle Oils Ltd.	300 Lancaster Bldg., Calgary	Turner Valley
Model Oils Ltd.	7 Cameron Block, Calgary	Turner Valley
New McDougall-Segur Oil Co. Ltd.	70 Union Bldg., Calgary	Turner Valley
Northwestern Utilities Ltd.	10124 - 104th St., Edmonton	Viking
Ogilvie Flour Mills Co. Ltd.	Medicine Hat	Medicine Hat
Okalta Oils Ltd.	Renfrew Bldg., Calgary	Turner Valley
Range Oil & Gas Co. Ltd.	61 Canada Life Bldg., Calgary	Border
Richfield Petroleum Ltd.	224 Examiner Bldg., Calgary	Turner Valley
Royalite Oil Co. Ltd.	606 - 2nd St. W., Calgary	Turner Valley
Southern Lowery Oils Ltd.	606 - 2nd St. W., Calgary	Turner Valley
Southwest Petroleum Co.	606 - 2nd St. W., Calgary	Turner Valley
Spooner Oils Ltd.	1202 - 1st St. W., Calgary	Turner Valley
Sterling Pacific Oil Co. Ltd.	555 Burrard St., Vancouver, B. C.	Turner Valley
Suffield, Village of	Suffield	Suffield
United Natural Gas Development Co. Ltd.	200-203 Leeson Lineham Block Calgary	Foremost
Vanalta Oils Ltd.	Granville Island, Vancouver, B. C.	Red Coulee
(b) Wainwright Gas Co. Ltd.	36 Dominion Bank Bldg., Edmonton	
Wayne Oils Ltd.	Wayne	Turner Valley
Wellington Oil & Gas Co. Ltd.	4 Central Bldg., Calgary	Turner Valley
Wetaskiwin, City of	Wetaskiwin	Wetaskiwin
Widney Oils, Ltd.	231 - 8th Ave. W., Calgary	Turner Valley

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