

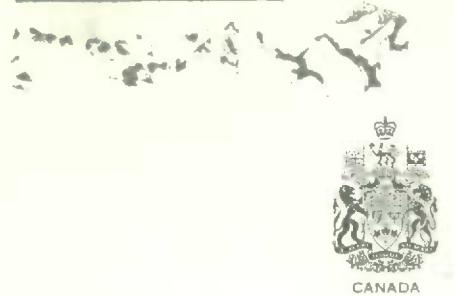
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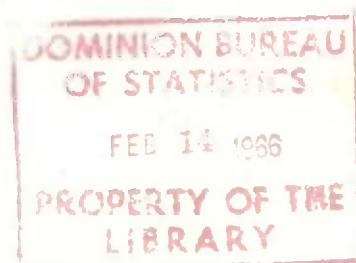
ANNUAL

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# THE CRUDE PETROLEUM AND NATURAL GAS INDUSTRY

1962



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## EXPLANATORY NOTES

### **Establishment**

The reporting unit in the Census of Manufactures is the **establishment**. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:

Materials and supplies used,  
Goods purchased for resale as such,  
Fuel and power consumed,  
Number of employees and their pay,  
Inventories,  
Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously

affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A mining establishment is typically a mine, mine/mill, quarry, pit or bog principally engaged in mining operations. Prior to 1961, the Census of Mines, Quarries and Oil Wells attempted to cover the mining activities of all establishments, whether or not they were principally engaged in mining operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in mining are no longer included as mining establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in mining establishments, many non-mining establishments are now surveyed for commodity information only and the latter are included in the appropriate tables of industry reports.

### **SYMBOLS**

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

# THE CRUDE PETROLEUM AND NATURAL GAS INDUSTRY

1962

This report includes statistics for industry 063—Petroleum and Gas Wells of the Standard Industrial Classification Manual (Catalogue No. 12-501).

For convenient reference this publication includes statistics for industry 065—Natural Gas Processing Plants of the Standard Industrial Classification Manual (Catalogue No. 12-501).

The principal statistics for this industry have been rearranged. Table 1A was compiled on the basis of the industrial classification in use prior to 1960. The data in Table 1B have been revised from the reports of those firms which were classified to this industry according to the Revised Standard Industrial Classification and New Establishment Concept. Several operators have been reclassified to other industries, e.g. Distributors, Clay Products, etc. Prior to 1960 the figures under "Establishments or wells" indicated the number of operating wells.

The average number of persons employed by the industry was 3,978 to whom \$23,275,754 were paid in salaries and wages. Fuel cost, \$2,968,192 and 152,895,423 kwh. of electricity were purchased for \$3,871,644. Process supplies were valued at \$7,369,889. Commodity statistics are shown in Table 3 and subsequent tables include petroleum and natural gas produced by operators who may not be classified to this industry. Most of the commodity statistics are compiled from the data published by the provincial governments.

During 1962 the Canadian production of crude petroleum amounted to 244,115,152 barrels valued

at \$552,352,509 compared with 220,848,080 barrels valued at \$487,560,242 in the preceding year.

Over 165 million barrels came from Alberta wells. The oil fields in Alberta which produced in excess of 3 million barrels were, Bonnie Glen, Fenn-Big Valley, Golden Spike, Joffre, Judy Creek, Leduc-Woodbend, Pembina, Redwater, Swan Hills and Wizard Lake.

Production in Saskatchewan increased to 64.4 million barrels. The following oil fields each had an output in excess of 2 million barrels, Dollard, Fosterton, Instow, Midale, Nottingham, Steelman, and Weyburn.

Output in Manitoba continued to decline. Fields which produced over a million barrels were Virden-Roselea and North Virden Scallion. Oil production in Ontario exceeded a million barrels. British Columbian output was over a million barrels. There was small increase in the output of the wells in the Northwest Territories. Less crude petroleum was produced in New Brunswick than in the preceding year.

Production of natural gas in Canada during 1962 amounted to 946,702,727 thousand cubic feet valued at \$108,641,159. These figures include the natural gas sold for domestic, industrial and other uses and the gas used in the field by the well operators, but the gas which is allowed to go to waste is not included. Production in Ontario was valued at wholesale prices. In Alberta, the total output, less field waste, reproduction and meter differences, was valued at a nominal wellhead price.

**TABLE 1 A. Principal Statistics of the Crude Petroleum and Natural Gas Industry,  
Significant Years, 1929-59**

Basis: Standard Industrial Classification prior to 1960

Year	Firms	Operating wells	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of production	Net value added by processing <sup>1</sup>
		number						
							dollars	
1929 .....	521	4,933	4,174	6,023,836	334,944	..	12,924,345	..
1931 .....	305	4,790	2,901	3,706,539	330,432	..	12,956,109	..
1933 .....	349	4,640	2,085	2,424,549	190,272	..	11,288,121	..
1937 .....	499	5,596	3,648	4,828,484	546,877	661,969	15,039,964	13,831,118
1939 .....	570	5,741	3,770	5,104,203	789,944	740,508	21,475,520	19,945,068
1941 .....	503	5,736	4,005	6,096,612	712,845	199,157	26,234,427	25,322,425
1944 .....	435	5,885	4,357	8,700,330	1,188,487	255,460	25,590,715	24,146,768
1946 .....	459	6,139	3,218	5,751,932	1,141,531	131,012	25,313,314	24,040,771
1949 .....	457	7,093	4,365	11,017,867	658,522	390,697	78,673,640	77,624,421
1950 .....	456	7,840	5,035	13,552,063	791,257	1,109,024	91,040,160	89,139,879
1951 .....	489	8,746	5,843	18,010,015	1,237,267	2,148,110	123,056,952	119,671,575
1954 .....	567	12,134	6,757	24,621,117	3,135,341	4,171,184	256,141,175	248,840,650
1955 .....	592	14,126	6,868	26,018,298	3,568,700	5,984,143	319,860,795	310,307,952
1956 .....	554	16,626	8,092	36,352,689	4,806,832	9,087,274	417,565,776	403,671,670
1957 .....	543	18,885	7,821	36,302,114	5,970,451	10,691,980	465,324,929	448,662,498
1958 .....	639	19,854	7,064	33,316,006	6,403,564	10,266,907	423,776,203	407,105,732
1959 .....	643	21,557	6,721	33,701,648	7,420,485	9,661,761	455,516,896	438,434,650

<sup>1</sup> Gross value of shipments less cost of fuel, electricity and process supplies.

**TABLE 1 B. Principal Statistics for the Crude Petroleum and Natural Gas Industry, 1957-62**

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of production (including containers)	Net production <sup>1</sup>
	number						
						dollars	
1957 .....	519	5,594	27,378,701	5,399,338	10,106,789	461,502,460	445,996,333
1958 .....	615	4,910	24,231,610	5,157,655	8,245,654	418,921,389	405,518,080
1959 .....	618	4,765	25,506,916	6,260,848	8,710,879	451,197,257	436,225,530
1960 .....	612	4,349	23,576,753	6,122,389	10,780,762	467,616,813	450,713,662
1961 .....	581	4,157	23,647,883	6,160,125	8,343,324	569,567,414	555,063,965
1962 .....	499	3,978	23,275,754	6,839,836	7,369,889	690,571,608	676,361,883

<sup>1</sup> Gross production less cost of process supplies, etc., fuel and electricity.

**TABLE 2. Principal Statistics of the Crude Petroleum and Natural Gas Industry, 1961-62**

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of production	Net value added by processing <sup>1</sup>
	number						
						dollars	
1961 .....							
New Brunswick .....	1	12	40,666	5,460	—	160,011	154,551
Ontario .....	195	210	577,604	90,620	223,313	7,339,635	7,025,702
Manitoba .....	32	94	470,018	135,740	35,290	10,147,840	9,976,810
Saskatchewan .....	124	856	4,811,525	1,294,439	601,153	116,749,859	114,854,267
Alberta .....	195	2,666	15,630,596	4,327,502	6,978,016	423,220,549	411,915,031
British Columbia .....	33	297	1,926,387	265,439	437,257	11,167,840	10,465,144
Northwest Territories .....	1	22	191,087	40,925	68,295	781,680	672,460
Totals .....	581	4,157	23,647,883	6,160,125	8,343,324	569,567,414	555,063,965

See footnote end of table.

**TABLE 2. Principal Statistics of the Crude Petroleum and Natural Gas Industry,  
1961 and 1962 — Concluded**

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost of process supplies	Gross value of production	Net value added by processing <sup>1</sup>
number		dollars					
1962							
New Brunswick.....	1	11	35,105	5,240	—	149,987	144,747
Ontario.....	158	168	562,249	98,238	184,819	7,256,644	6,973,587
Manitoba.....	36	45	182,288	112,134	32,802	9,539,100	9,394,164
Saskatchewan.....	121	808	4,483,297	1,725,005	829,131	137,245,986	134,691,850
Alberta.....	164	2,547	15,430,393	4,498,659	5,046,374	504,984,322	495,439,289
British Columbia.....	18	388	2,511,103	355,141	1,218,585	30,592,959	29,019,233
Northwest Territories.....	1	11	71,319	45,419	58,178	802,610	699,013
Totals.....	499	3,978	23,275,754	6,839,836	7,369,889	690,571,608	676,361,883

<sup>1</sup> Gross value of shipments less cost of fuel, electricity and process supplies.

**TABLE 3. Production of Crude Petroleum, by Provinces, 1961 and 1962**

Province	1961		1962	
	Barrels	Value	Barrels	Value
\$				
New Brunswick.....	12,024	16,833	10,333	14,466
Ontario.....	1,149,087	3,546,740	1,134,534	3,661,174
Manitoba.....	4,480,348	10,156,000	3,926,683	9,435,819
Saskatchewan.....	55,860,104	115,719,791	64,432,411	141,783,520
Alberta.....	157,811,712	355,530,845	165,124,967	379,830,363
British Columbia.....	1,017,826	1,859,873	8,914,220	16,872,122
Northwest Territories.....	516,979	730,160	572,004	755,045
Totals.....	220,848,080	487,560,242	244,115,152	552,352,509

**TABLE 4. Production of Crude Petroleum, 1953 - 62**

Year	Barrels	Value	Year	Barrels	Value
\$					
1953.....	80,898,897	200,582,276	1958.....	165,496,196	398,747,818
1954.....	96,080,345	243,877,030	1959.....	184,778,497	422,092,535
1955.....	129,440,247	305,640,036	1960.....	189,534,221	422,926,497
1956.....	171,981,413	406,561,872	1961.....	220,848,080	487,560,242
1957.....	181,848,004	453,593,620	1962.....	244,115,152	552,352,509

**TABLE 5. Production of Crude Petroleum, by Provinces, 1953 - 62**

Year	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Imperial gallons								
1953.....	14,738	299,685	653,514	2,797,888	76,816,383	—	316,689	80,898,897
1954.....	13,046	412,474	2,148,184	5,422,899	87,713,855	—	369,887	96,080,345
1955.....	12,548	525,510	4,145,756	11,317,168	113,035,046	—	404,219	129,440,247
1956.....	16,628	593,370	5,786,540	21,077,371	143,909,641	148,454	449,409	171,981,413
1957.....	19,401	623,666	6,089,743	36,861,089	137,492,316	340,945	420,844	181,848,044
1958.....	15,189	778,341	5,829,226	44,626,148	113,277,847	512,359	457,086	165,596,196
1959.....	14,479	1,001,580	5,056,075	47,442,498	129,967,312	866,234	430,319	184,778,497
1960.....	14,148	1,005,030	4,764,045	51,908,428	130,506,968	867,057	468,545	189,534,221
1961.....	12,024	1,149,087	4,480,348	55,860,104	157,811,712	1,017,826	516,979	220,848,080
1962.....	10,333	1,134,534	3,926,683	64,432,411	165,124,967	8,914,220	572,004	244,115,152

TABLE 6. Production of Crude Petroleum, by Months, 1962

Month	New Brunswick	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
barrels of 35 Imperial gallons								
January .....	805	90,921	343,128	5,008,774	16,129,092	420,134	39,141	22,031,995
February .....	1,081	84,167	304,375	4,728,141	14,590,782	560,080	58,575	20,327,201
March .....	888	94,946	332,367	5,203,354	15,478,897	685,751	50,022	21,846,225
April .....	817	89,652	329,581	5,148,600	12,271,202	700,816	52,518	18,593,186
May .....	923	95,014	338,963	5,226,737	13,573,784	748,722	24,515	20,008,658
June .....	809	90,652	334,934	5,325,278	11,750,467	621,333	40,491	18,163,964
July .....	849	90,675	343,871	5,583,483	13,646,639	359,875	41,448	20,066,840
August .....	862	98,410	336,576	5,640,823	13,849,198	842,354	62,779	20,831,002
September .....	586	94,121	322,004	5,519,591	13,784,106	885,600	65,108	20,671,116
October .....	868	108,929	320,941	5,708,491	13,413,678	1,013,872	54,424	20,621,203
November .....	848	101,178	308,491	5,567,497	12,653,275	1,000,650	39,854	19,671,793
December .....	997	95,869	311,452	5,771,642	13,983,847	1,075,033	43,129	21,281,969
<b>Totals .....</b>	<b>10,333</b>	<b>1,134,534</b>	<b>3,926,683</b>	<b>64,432,411</b>	<b>165,124,967</b>	<b>8,914,220</b>	<b>572,004</b>	<b>244,115,152</b>

TABLE 7. Well Output of Crude Petroleum in Alberta, by Fields, 1961 and 1962

Field	1961	1962	Field	1961	1962
barrels					
Acheson .....	2,255,059	2,541,976	Pembina .....	42,738,995	38,041,625
Bonnie Glen .....	6,343,722	8,714,836	Redwater .....	15,416,554	17,668,512
Erskine .....	1,272,820	978,409	Stettler .....	1,755,254	1,559,554
Fenn-Big Valley .....	6,111,136	6,000,469	Sturgeon Lake South .....	3,166,044	2,683,289
Gilby .....	1,456,869	1,537,429	Sundre .....	1,247,749	1,334,025
Golden Spike .....	2,852,353	4,222,917	Swan Hills .....	8,376,621	11,549,961
Harmattan-Elkton .....	2,184,331	2,292,967	Turner Valley .....	1,147,974	1,151,406
Innisfail .....	2,524,727	2,843,732	Wainwright .....	604,518	553,383
Joarcam .....	3,322,581	2,836,722	West Drumheller .....	1,271,025	1,040,236
Joffre .....	5,666,283	4,340,171	Wizard Lake .....	3,469,534	4,594,689
Kaybob .....	2,409,558	2,482,893	Other areas .....	27,081,601	33,520,461
Keystone .....	—	—	<b>Totals, Alberta .....</b>	<b>157,811,712</b>	<b>165,124,967</b>
Leduc-Woodbend .....	15,136,404	12,635,305			

TABLE 8. Well Output of Crude Petroleum in Saskatchewan, by Fields, 1961 and 1962

Field	1961	1962	Field	1961	1962
barrels					
Alameda .....	896,569	718,819	Nottingham .....	2,742,165	2,985,880
Alida .....	1,335,385	1,137,407	Queensdale .....	1,350,838	1,302,618
Carnduff .....	1,571,558	1,631,694	Steelman .....	8,450,279	8,817,125
Coleville-Smiley .....	2,010,618	1,837,846	Success .....	1,421,789	1,797,899
Dollard .....	4,029,599	4,580,944	Weyburn .....	11,741,155	13,180,600
Fosterton .....	1,986,983	2,754,444	Other areas .....	11,877,260	15,632,240
Instow .....	1,842,969	2,365,138	<b>Totals, Saskatchewan....</b>	<b>55,860,104</b>	<b>644,432,411</b>
Midale .....	4,602,937	5,689,757			

TABLE 9. Production of Crude Petroleum in Manitoba, by Fields, 1961 and 1962

Field	1961	1962	Field	1961	1962
barrels			barrels		
Daly .....	781,347	693,700	Routledge .....	422,519	358,621
Virden-Roselea .....	1,333,986	1,152,610	Tillston .....	24,742	20,282
North Virden Scallion .....	1,538,308	1,343,361	West Butler .....	8,020	6,488
Ebor .....	14,107	9,662	West Routledge .....	175,894	153,354
Kirkella .....	56,846	50,856	Whitewater .....	17,719	17,866
Lulu Lake .....	-	-	Woodnorth .....	30,688	23,870
Maples .....	30,325	23,225	Other areas .....	22,075	49,618
Pierson .....	23,772	23,170	<b>Totals, Manitoba .....</b>	<b>4,480,348</b>	<b>3,926,683</b>

TABLE 10. Production of Crude Petroleum in Ontario, by Fields, 1962

County	Field or pool	Township	Producing formation	1962
				barrels
Brant - Oxford .....	Gobles	Burford and Blenheim	Cambrian	143,321
Elgin .....	Crinan	Aldborough	Salina	173
	Rodney	Aldborough	Columbus	252,785
	Wallacetown	Dunwich	Columbus	1,547
Essex .....	Colchester	Colchester S.	Trenton	66,324
	Kingsville	Gosfield S.	Trenton	646
	Malden	Malden	Trenton	25,305
	Malden 25	Malden	Trenton	802
Kent .....	Bothwell - Thamesville	Camden - Zone	Dundee - Columbus	9,583
	Chatham	Chatham	Guelph	5,338
	Clearville	Orford	Cambrian	99,124
	Dover	Dover	Trenton	50
	Dresden	Camden - Chatham	Guelph	2,267
Lambton .....	Becher	Sombra	Salina	47,764
	Colinville	Moore	Salina - Guelph	7,999
	Corunna	Moore	Salina - Guelph	91,564
	Dante	Euphemia	Dundee	267
	Dawn	Dawn	Guelph	21,324
	Kimball	Moore	Salina	2,141
	Oil Springs	Enniskillen	Dundee - Detroit River	53,694
	Petrolia	Enniskillen	Dundee - Detroit River	27,238
	Seckerton	Moore	Guelph	46,861
	Seckerton North	Moore	Guelph	45,855
	Shetland (Dev.)	Euphemia	Dundee	2,497
	Shetland (Sil.)	Euphemia	Guelph	60
	Sombra	Sombra	Guelph	100
	Talford	Moore	Guelph	1,180
	Wanstead	Brooke - Enniskillen	Guelph	38,718
	Warwick	Warwick	Guelph	62,743
Middlesex .....	Glencoe	Mosa	Dundee - Columbus	36,762
	Grand Bend	McGillivray - Stephen	Guelph	40,058
	Kerwood	Metcalfe	Dundee - Detroit River	444
<b>Total, Ontario .....</b>				<b>1,134,534</b>

TABLE 11. Imports of Petroleum, Asphalt and their Products, 1961 and 1962

Item	1961		1962		
	Quantity	Value	Quantity	Value	
	\$		\$		
Asphaltum of asphalt, solid or not .....	cwt.	633,681	887,667	344,898	778,047
Asphalt oil for paving .....	gal.	1,224,261	128,361	1,384,161	182,054
Oil, imported by miners or mining companies, for the concentration of ores or metals .....	"	246,393	396,028	208,881	333,125
Crude petroleum for refining, .8155 specific gravity (42.0 A.P.I.) or heavier at 60°F .....	bbl.	133,249,113	291,169,754	134,517,707	304,898,462
Petroleum tops: blends of petroleum tops or petroleum products with crude petroleum: all the foregoing .7249 specific gravity (63.7 A.P.I.) or heavier at 60° F, when imported by oil refiners to be refined .....		—	—	—	—
Fuel oil, ex-warehoused, for ships' stores .....	gal.	604,232	49,584	304,652	26,626
Aviation gasoline .....	"	36,511,360	6,334,064	23,923,384	4,179,275
Kerosene lighter than .8236 specific gravity at 60° F, n.o.p. ....	"	9,207,679	870,019	9,557,083	1,017,101
Engine distillate, .8017 specific gravity or heavier at 60° F .....	"	678	158	7,901	2,566
Gasoline, lighter than .8236 specific gravity at 60° F .....	"	25,773,714	3,929,003	27,612,744	3,798,438
Natural casinghead, compression or absorption gasoline, lighter than .6690 specific gravity (80.0 A.P.I.) at 60° F, when imported by refiners of crude petroleum for blending with gasoline wholly produced in Canada .....		—	—	—	—
Lubricating oils, composed wholly or in part of petroleum and costing less than 25 cents per gallon gal.		11,636,791	2,564,885	9,405,524	2,092,144
Lubrication oils, 25 cents and over .....	"	26,804,447	10,859,052	28,235,344	12,266,626
Oils, mineral, n.o.p. ....	"	1,559,599	1,411,345	1,085,673	1,325,930
Stove oil, No. 1 fuel oil .....	"	87,529,567	9,774,582	77,057,391	8,458,549
Light fuel oils, Nos. 2 and 3 .....	"	257,689,232	23,411,345	196,778,411	17,315,473
Heavy fuel oils, Nos. 4, 5 and 6 .....	"	366,547,887	18,898,219	472,636,862	24,533,618
Diesel fuel .....	"	83,447,644	7,655,482	95,623,273	8,807,356
Tractor fuel .....		—	—	—	—
Petroleum greases and lubricating greases, n.o.p. lb.		15,480,386	2,254,684	15,554,053	2,504,380
Refined petroleum jellies and oils for toilet, medicinal, edible or similar purposes .....		...	879,309	...	950,404
Paraffin wax .....	lb.	41,178,564	2,680,854	38,092,324	2,596,158
Candles .....	"	851,694	295,701	1,010,700	351,481
Products of petroleum, n.o.p. ....	gal.	35,712,905	6,502,869	34,731,894	6,185,547
Liquefied petroleum gases .....	"	3,431,536	813,382	2,950,992	676,708
Naphtha, including solvent naphtha .....	"	8,474,602	1,968,655	13,054,695	3,511,121

TABLE 12. Exports of Petroleum and its Products, 1961 and 1962

Item	1961		1962		
	Quantity	Value	Quantity	Value	
	\$		\$		
Petroleum, crude .....	bbl.	65,222,523	154,266,752	91,580,232	232,496,608
Gasoline .....	gal.	19,955,043	2,442,967	33,756,083	3,711,285
Fuel oil Nos. 1, 2 and 3 .....	"	7,168,929	923,950	10,968,909	1,355,029
Fuel oil Nos. 4, 5 and 6 .....	"	25,565,845	1,790,136	57,615,411	3,664,518
Fuel oil n.e.s. ....	"	3,802,816	457,324	3,518,868	453,545
Lubricating oils and greases .....	"	70,057	78,689	1,158,677	390,871
Petroleum and coal products, n.e.s. ....		..	1,606,952	..	4,179,762

TABLE 13. Canadian Crude Petroleum Supply, 1948-62

Year	Canadian production	Imports	Exports <sup>1</sup>	Apparent supply
barrels of 35 Imperial gallons				
1948 .....	12,286,660	77,633,674	-	89,920,334
1949 .....	21,305,348	75,680,992	-	96,986,340
1950 .....	29,043,788	80,124,402	-	109,168,190
1951 .....	47,615,534	84,237,399	341,780	131,511,153
1952 .....	61,237,322	82,751,160	1,424,456	142,564,026
1953 .....	80,898,897	81,627,460	2,507,314	160,019,043
1954 .....	96,080,345	78,883,670	2,344,948	172,619,067
1955 .....	129,440,247	86,792,460	14,833,971	201,398,736
1956 .....	171,981,413	106,641,358	42,908,086	235,714,685
1957 .....	181,848,004	111,905,473	55,674,229	238,079,248
1958 .....	165,496,196	104,038,800	31,679,333	237,855,663
1959 .....	184,778,497	115,288,643	33,362,234	266,704,906
1960 .....	189,534,221	125,559,631	42,234,937	272,858,915
1961 .....	220,848,080	133,249,113	65,222,523	288,874,670
1962 .....	244,115,152	134,517,707	91,580,232	287,052,627

<sup>1</sup> Exports were comparatively small prior to 1951 and may be neglected.

TABLE 14. Receipts of Crude Petroleum by Canadian Refineries, 1958-62

Year	Maritimes and Quebec	Ontario	Manitoba	Saskatchewan	Alberta and Northwest Territories	British Columbia and Yukon	Canada
barrels							
1958:							
Canadian .....	-	60,329,816	9,237,004	17,255,153	26,407,477	21,284,548	134,513,998
Imported .....	103,383,037	4,061,704	-	-	-	-	107,444,741
<b>Totals</b> .....	<b>103,383,037</b>	<b>64,391,520</b>	<b>9,237,004</b>	<b>17,255,153</b>	<b>26,407,477</b>	<b>21,284,548</b>	<b>241,958,739</b>
1959:							
Canadian .....	-	72,429,969	8,083,446	18,994,498	28,700,552	23,299,309	151,507,774
Imported .....	113,957,240	2,385,030	-	-	-	-	116,342,270
<b>Totals</b> .....	<b>113,957,240</b>	<b>74,814,999</b>	<b>8,083,446</b>	<b>18,994,498</b>	<b>28,700,552</b>	<b>23,299,309</b>	<b>267,850,044</b>
1960:							
Canadian .....	-	72,100,463	11,288,256	18,302,204	23,511,440	24,057,382	149,259,745
Imported .....	123,173,075	3,651,133	-	-	-	-	126,824,208
<b>Totals</b> .....	<b>123,173,075</b>	<b>75,751,596</b>	<b>11,288,256</b>	<b>18,302,204</b>	<b>23,511,440</b>	<b>24,057,382</b>	<b>276,083,953</b>
1961:							
Canadian .....	-	80,551,174	11,697,366	17,545,417	22,832,717	24,555,589	157,182,263
Imported .....	130,851,460	2,374,288	-	-	-	-	133,225,748
<b>Totals</b> .....	<b>130,851,460</b>	<b>82,925,462</b>	<b>11,697,366</b>	<b>17,545,417</b>	<b>22,832,717</b>	<b>24,555,589</b>	<b>290,408,011</b>
1962:							
Canadian .....	-	84,729,390	12,373,085	19,905,972	28,470,332	28,127,817	173,606,596
Imported .....	134,836,983	527,838	-	-	-	-	135,364,821
<b>Totals</b> .....	<b>134,836,983</b>	<b>85,257,228</b>	<b>12,373,085</b>	<b>19,905,972</b>	<b>28,470,332</b>	<b>28,127,817</b>	<b>308,971,417</b>

TABLE 15. World Crude Oil Production,<sup>1</sup> 1960-62

	1960	1961	1962
thousands of barrels			
North America:			
Canada .....	189,534	220,861	244,139
Cuba <sup>2</sup> .....	108 <sup>3</sup>	80 <sup>3</sup>	90
Mexico .....	99,049	106,784	111,830
Trinidad .....	42,357	45,768	48,877
United States .....	2,574,933	2,621,758	2,676,185
Totals .....	2,905,981	2,995,251	3,081,121
South America:			
Argentina .....	64,232	84,418	98,154
Bolivia .....	3,574	2,989	2,911
Brazil .....	29,613	34,815	33,401
Chile .....	7,231	9,263	11,690
Columbia .....	55,770	53,247	51,918
Ecuador .....	2,730	2,926	2,573
Peru .....	19,255	19,371	21,134
Venezuela .....	1,041,708	1,065,790	1,167,954
Totals .....	1,224,113	1,272,819	1,389,735
Europe:			
Albania .....	4,857	4,337	4,937
Austria .....	16,874	16,237	16,694
Bulgaria .....	1,460	1,510	1,460
Czechoslovakia .....	929	1,045	1,150
France .....	14,233	15,578	17,071
Germany, West .....	40,076	44,968	48,946
Hungary .....	9,270	11,102	12,208
Italy (including Sicily) .....	13,613	13,434	12,308
Netherlands .....	13,378	14,271	14,742
Poland .....	1,442	1,503	1,502
Rumania .....	85,712	86,321	88,420
U.S.S.R. <sup>4</sup> .....	1,079,371	1,212,300	1,357,800
United Kingdom .....	649	810	820
Yugoslavia .....	6,671	9,479	10,785
Totals .....	1,288,535	1,432,895	1,588,843
Africa:			
Algeria <sup>5</sup> .....	67,613	121,494	158,094
Angola .....	477	757	3,404
Congo, Republic of .....	365	724	926
Gabon Republic .....	5,626	5,446	5,992
Libya .....	—	6,642	67,052
Morocco, Southern Zone .....	695	603	968
Nigeria .....	6,552	16,802	24,624
Senegal .....	12	16	3
United Arab Republic (Egypt Region) .....	23,968	26,129	32,321
Totals .....	103,308	178,613	293,384
Asia:			
Bahrain .....	16,500	16,444	16,446
Burma .....	4,078	4,194	4,366
China .....	24,959 <sup>3</sup>	48,743 <sup>1</sup>	51,100
India .....	3,370	3,356	7,337
Indonesia .....	152,988	155,369	167,771
Iran .....	385,748	431,653	481,939
Iraq .....	353,833	365,594	366,832
Israel .....	932	1,133	1,126
Japan .....	3,678	4,590	5,316
Kuwait .....	594,278	600,226	669,284
Kuwait - Neutral Zone .....	49,829	65,153	89,047
Pakistan .....	2,636	2,829	3,338
Qatar .....	63,088	64,386	67,911
Sarawak and Brunei .....	34,005	30,551	28,286
Saudi Arabia .....	456,453	508,269	555,056
Taiwan (Formosa) .....	14	17	14
Trucial States .....	—	—	5,551
Turkey .....	2,624	3,075	4,157
Totals <sup>4</sup> .....	2,149,013	2,305,582	2,524,877

See footnotes at end of table.

TABLE 15. World Crude Oil Production,<sup>1</sup> 1960-62 — Concluded

	1960	1961	1962
thousands of barrels			
Oceania:			
New Zealand .....	5 <sup>3</sup>	4	4
Netherlands New Guinea .....	1,538	1,082	917
<b>Totals</b> .....	<b>1,543</b>	<b>1,086</b>	<b>921</b>
<b>World totals</b> .....	<b>7,674,493</b>	<b>8,186,246</b>	<b>8,878,881</b>

<sup>1</sup> This table incorporates some revisions.<sup>2</sup> Natural naphtha and gas oil.<sup>3</sup> Estimate.<sup>4</sup> U.S.S.R. in Asia (including Sakhalin) included with U.S.S.R. in Europe.<sup>5</sup> Including Sahara.

TABLE 16. Production of Natural Gas, 1953-62

Year	Quantity		Value	Year	Quantity		Value
	M cu. ft.	\$			M cu. ft.	\$	
1953 .....	100,985,923	10,877,017	1958 .....		337,803,726	32,057,536	
1954 .....	120,735,214	12,482,109	1959 .....		417,334,527	39,609,393	
1955 .....	150,772,312	15,098,508	1960 .....		522,972,327	52,196,882	
1956 .....	169,152,586	16,849,556	1961 .....		655,737,644	68,421,918	
1957 .....	220,006,682	20,962,501	1962 .....		946,702,727	108,641,159	

TABLE 17. Production of Natural Gas, by Provinces, 1953-62

Year	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Northwest Territories	Canada
	M cubic feet						
1953 .....	177,112	9,708,969	1,422,128	89,651,605	—	26,109	100,985,923
1954 .....	183,457	10,015,818	3,333,077	107,173,777	—	29,085	120,735,214
1955 .....	186,549	10,852,857	6,706,743	133,007,493	—	18,670	150,772,312
1956 .....	190,322	12,811,618	9,807,697	146,133,893	187,846	21,210	169,152,586
1957 .....	176,417	14,400,913	13,994,347	183,140,820	8,274,942	19,243	220,006,682
1958 .....	123,957	16,147,986	18,819,795	239,049,591	63,638,297	24,100	337,803,726
1959 .....	117,502	16,839,236	33,612,966	297,568,926	69,128,708	67,189	417,334,527
1960 .....	98,701	16,987,056	36,571,633	383,682,986	85,592,166	39,785	522,972,327
1961 .....	96,318	14,544,165	37,192,595	500,843,900	103,018,988	41,678	655,737,644
1962 .....	95,750	15,648,294	38,845,732	770,963,122	121,093,122	56,707	946,702,727

TABLE 18. Production<sup>1</sup> of Natural Gas, by Provinces, 1961 and 1962

Province	1961		1962	
	Quantity	Value	Quantity	Value
New Brunswick .....	96,318	143,215	95,750	134,476
Ontario .....	14,544,165	5,614,048	15,648,294	5,802,387
Saskatchewan .....	37,192,595	4,050,274	38,845,732	2,295,783
Alberta .....	500,843,900	48,882,365	770,963,122	88,660,759
British Columbia .....	103,018,988	9,714,690	121,093,122	11,724,236
Northwest Territories .....	41,678	17,326	56,707	23,518
<b>Totals</b> .....	<b>655,737,644</b>	<b>68,421,918</b>	<b>946,702,727</b>	<b>108,641,159</b>

<sup>1</sup> Sold and used by producers.

TABLE 19. Production<sup>1</sup> of Natural Gas, by Months and by Provinces, 1962

Month	New Brunswick	Ontario	Saskatchewan	Alberta	British Columbia	Canada <sup>2</sup>
M cu. ft.						
January .....	6,837	2,319,732	3,982,830	68,289,155	10,710,190	85,314,599
February .....	9,427	2,140,124	3,493,582	66,876,023	10,338,216	82,864,677
March .....	8,323	1,966,108	3,521,817	67,109,255	11,539,212	84,151,375
April .....	8,432	1,234,963	3,132,048	59,052,762	9,507,126	72,941,856
May .....	8,218	754,349	2,835,136	59,233,196	9,880,838	72,717,573
June .....	7,188	580,020	2,647,161	56,677,049	8,122,437	68,036,230
July .....	7,409	439,542	2,613,187	57,861,957	8,392,572	69,318,357
August .....	6,650	587,518	2,837,979	59,504,138	9,029,075	71,971,184
September .....	7,101	800,252	2,712,036	61,495,630	9,436,797	74,454,154
October .....	7,849	1,180,053	3,264,440	66,954,545	11,258,931	82,667,911
November .....	8,161	1,729,342	3,504,434	69,493,822	10,796,922	85,534,912
December .....	10,155	1,916,291	4,301,082	78,415,590	12,080,806	96,729,899
Totals .....	95,750	15,648,294	38,845,732	770,963,122	121,093,122	946,702,727

<sup>1</sup> Sales and consumption by producers.<sup>2</sup> Includes 56,707 M cu. ft. in the Northwest Territories.

TABLE 20. Production of Natural Gas in Ontario, by Fields, 1962

County	Field	Producing formation	1962
Brant .....	Tuscarora .....	Thorold .....	482,871
Elgin .....	Cowal .....	Salina Guelph .....	17,637
	Richmond Eden and Vienna .....	Clinton Whirlpool .....	37,123
	Townline and Woodgreen .....	Salina .....	57,423
Essex .....	Staples .....	Guelph .....	5,821
	Kingsville .....	Guelph .....	15,634
	Leamington .....	Guelph .....	1,701
Halton .....	Acton .....	Gull River .....	40,930
Haldimand .....	Haldimand .....	Clinton, Grimsby Whirlpool	795,321
Lincoln .....			
Wentworth .....			
Kent .....	Guilds .....	Salina .....	28,976
	Dresden .....	Guelph .....	121,192
	Camden Gore .....	Salina .....	19,486
	Chatham .....	Salina Guelph .....	145,313
	Declute .....	Salina Guelph .....	659,237
	Dover .....	Trenton .....	65,487
	Wolfe .....	Salina .....	2,306
	Morpeth-Lake Erie .....	Salina .....	242,772
	Tilbury .....	Salina Guelph .....	1,837,485
	Zone .....	Salina Guelph .....	82,602
	Lake St. Clair .....	Guelph .....	11,413
Lambton .....	East Becher .....	Guelph .....	41,488
	West Becher .....	Salina Guelph .....	435,702
	Bickford .....	Salina Guelph .....	2,437,956
	Colinville-Kimball .....	Salina Guelph .....	993,150
	Corunna .....	Salina Guelph .....	284,451
	Dawn, miscellaneous .....	Salina Guelph .....	78,628
	Dawn 156 .....	Salina Guelph .....	3,057,433
	Mandaumin .....	Guelph .....	234,355
	Seckerton .....	Salina Guelph .....	1,071,551
	Sombra .....	Guelph .....	136,478
Middlesex .....	Wardsville .....	Salina Guelph .....	133,858
Norfolk .....	Norfolk .....	Irondequoit and Grimsby .....	1,352,704
Oxford .....	Norwich South and Gobles .....	Irondequoit and Eau Claire .....	255,948
Welland .....	Welland .....	Grimsby Whirlpool and Irondequoit .....	276,746
Huron .....	Bayfield, Dashwood and Zurich .....	Guelph .....	187,116
Total, Ontario .....			15,648,294

TABLE 21. Natural Gas Pipe Line Mileage of the Gas Utilities and the Gas Pipe Line Transport Industries,<sup>1</sup> by Province, as at December 31, 1957 - 62

	1957	1958	1959	1960 <sup>2</sup>	1961 <sup>2</sup>	1962
miles						
Gathering:						
New Brunswick .....	10.6	10.6	10.6	6.5	6.4	6.4
Quebec .....	—	—	—	—	—	—
Ontario .....	941.2	940.4	955.4	909.5	1,313.9	1,314.6
Manitoba .....	—	—	—	—	—	—
Saskatchewan .....	91.8	269.2	278.2	286.3	274.5	297.5
Alberta .....	972.0	1,675.9	1,857.6	2,067.6	2,439.5 <sup>r</sup>	2,540.0
British Columbia .....	120.5	212.5	337.5	410.4	429.4	409.1
<b>Totals</b> .....	<b>2,136.1</b>	<b>3,108.6</b>	<b>3,439.3</b>	<b>3,680.3</b>	<b>4,463.7<sup>r</sup></b>	<b>4,567.6</b>
Transmission:						
New Brunswick .....	11.4	11.4	11.4	13.4	13.4	13.4
Quebec .....	26.5	26.5	25.0	25.0	25.0	25.0
Ontario .....	2,519.6	3,466.1	3,528.6	3,565.9	3,135.0	3,140.7
Manitoba .....	354.0	375.0	391.3	444.0	456.9	496.0
Saskatchewan .....	1,093.2	1,395.2	1,782.9	2,102.5	2,274.3	2,566.0
Alberta .....	2,127.3	2,581.2	3,094.5	3,452.5	4,087.5	4,293.1
British Columbia .....	1,101.6	1,101.7	1,103.5	1,112.3	1,224.7	1,310.4
<b>Totals</b> .....	<b>7,233.6</b>	<b>8,957.1</b>	<b>9,937.2</b>	<b>10,715.6</b>	<b>11,216.8</b>	<b>11,844.6</b>
Distribution:						
New Brunswick .....	65.4	65.4	65.4	32.1	32.3	32.3
Quebec .....	962.5	971.1	1,027.4	1,115.1	1,123.6	1,143.9
Ontario .....	5,769.9	8,094.9	9,144.3	9,528.8	10,183.9	10,864.9
Manitoba .....	433.0	509.8	690.3	833.8	853.6	946.5
Saskatchewan .....	879.3	946.7	1,060.0	1,205.3	1,272.8	1,425.0
Alberta .....	2,075.0	2,201.9	2,455.0	2,675.6	2,895.7	3,099.6
British Columbia .....	1,902.1	2,379.9	2,709.3	3,028.3	3,182.8	3,427.5
<b>Totals</b> .....	<b>12,087.2</b>	<b>15,169.7</b>	<b>17,151.7</b>	<b>18,419.0</b>	<b>19,544.7</b>	<b>20,939.7</b>
<b>Grand totals</b> .....	<b>21,456.9</b>	<b>27,235.4</b>	<b>30,528.2</b>	<b>32,814.9</b>	<b>35,225.2<sup>r</sup></b>	<b>37,351.9</b>

<sup>1</sup> Includes pipe line mileage of producing companies.<sup>2</sup> Breakdown of pipeline mileage is not precisely comparable with previous years because of reclassification and surveys.

Source: "Gas Utilities" — Catalogue No. 57-205.

TABLE 22. Sales<sup>1</sup> of Manufactured and Natural Gas, 1961 and 1962

	1961			1962		
	Number of customers	Quantity sold	Revenue from sales	Number of customers	Quantity sold	Revenue from sales
		M cu. ft.	\$		M cu. ft.	\$
Manufactured gas: <sup>2</sup>						
Domestic (including house heating)	..	..	..	..	..	..
Industrial .....	..	..	..	..	..	..
Commercial .....	..	..	..	..	..	..
Miscellaneous .....	..	..	..	..	..	..
<b>Totals</b> .....	<b>7,258</b>	<b>1,979,777</b>	<b>1,181,508</b>	<b>6,926</b>	<b>1,602,105</b>	<b>1,140,648</b>
Natural gas: <sup>3</sup>						
Domestic .....	1,174,966 <sup>r</sup>	119,667,024 <sup>r</sup>	121,473,449 <sup>r</sup>	1,249,237	134,919,118	138,439,174
Industrial .....	8,157 <sup>r</sup>	194,802,740 <sup>r</sup>	65,087,879 <sup>r</sup>	9,235	213,467,798	73,656,938
Commercial .....	100,490 <sup>r</sup>	56,269,778 <sup>r</sup>	40,117,166 <sup>r</sup>	108,015	63,674,593	45,563,568
<b>Totals</b> .....	<b>1,283,613<sup>r</sup></b>	<b>370,739,542<sup>r</sup></b>	<b>226,678,494<sup>r</sup></b>	<b>1,366,487</b>	<b>412,061,509</b>	<b>257,659,680</b>
<b>Totals, all gas</b> .....	<b>1,290,871<sup>r</sup></b>	<b>372,719,319<sup>r</sup></b>	<b>227,860,002<sup>r</sup></b>	<b>1,373,413</b>	<b>413,663,614</b>	<b>258,800,328</b>

<sup>1</sup> Sales by distributing companies to final consumers; amounts used by producers are not included.<sup>2</sup> At 14.73 pounds per square inch absolute 60° F. and 500 B.T.U.<sup>3</sup> At 14.73 per square inch absolute 60° F. and 1000 B.T.U.

TABLE 23. Sales<sup>1</sup> of Natural Gas, by Areas, 1962

	Domestic (including house heating)	Industrial	Commercial	Total
M cu. ft.				
New Brunswick .....	74,250	—	14,192	88,442
Quebec .....	6,294,997	15,048,584	1,794,273	23,137,854
Ontario .....	55,252,759	74,941,582	18,888,078	149,082,419
Manitoba .....	8,058,515	5,871,550	4,609,198	18,539,263
Saskatchewan .....	13,521,295	18,328,007	6,166,065	38,015,367
Alberta .....	39,509,933	83,248,619	28,155,602	150,914,154
British Columbia .....	12,207,369	16,029,456	4,047,185	32,284,010
<b>Totals .....</b>	<b>134,919,118</b>	<b>213,467,798</b>	<b>63,674,593</b>	<b>412,061,509</b>

<sup>1</sup> Data is subject to revision.TABLE 24. Employees and their Earnings in the Crude Petroleum and Natural Gas Industry,  
1961 and 1962

	Employees					Earnings						
	Office and administration		Workmen		Total	Office and administration	Workmen	Total				
	Male	Female	Male	Female								
number												
dollars												
1961												
New Brunswick .....	—	—	12	—	12	—	40,666	40,666				
Ontario .....	17	14	179	—	210	88,642	488,962	577,604				
Manitoba .....	18	2	74	—	94	112,673	357,345	470,018				
Saskatchewan .....	277	50	526	3	856	2,109,948	2,701,577	4,811,525				
Alberta .....	457	102	2,096	11	2,666	3,856,694	11,773,902	15,630,596				
British Columbia .....	116	7	174	—	297	838,092	1,088,295	1,926,387				
Northwest Territories .....	1	—	21	—	22	11,081	180,006	191,087				
<b>Totals .....</b>	<b>886</b>	<b>175</b>	<b>3,082</b>	<b>14</b>	<b>4,157</b>	<b>7,017,130</b>	<b>16,630,753</b>	<b>23,647,883</b>				
1962												
New Brunswick .....	—	—	11	—	11	—	35,105	35,105				
Ontario .....	15	10	143	—	168	96,569	465,680	562,249				
Manitoba .....	8	—	37	—	45	19,151	163,137	182,288				
Saskatchewan .....	243	45	518	2	808	1,850,419	2,632,878	4,483,297				
Alberta .....	426	95	2,001	25	2,547	3,567,137	11,863,256	15,430,393				
British Columbia .....	151	22	215	—	388	1,206,261	1,304,842	2,511,103				
Northwest Territories .....	2	—	9	—	11	16,434	54,885	71,319				
<b>Totals .....</b>	<b>845</b>	<b>172</b>	<b>2,934</b>	<b>27</b>	<b>3,978</b>	<b>6,755,971</b>	<b>16,519,783</b>	<b>23,275,754</b>				

TABLE 25. Employees and their Earnings in the Crude Petroleum and Natural Gas Industry,  
1957-62

Year	Employees					Man-hours worked (all employees)	Earnings						
	Administration		Workmen		Total		Administration	Workmen					
	Male	Female	Male	Female									
number													
dollars													
1957 .....	1,427	282	3,807	78	5,594	13,856,441	8,928,601	18,450,100					
1958 .....	1,377	250	3,240	43	4,910	11,886,282	9,139,262	15,092,348					
1959 .....	1,132	236	3,352	45	4,765	10,394,910	8,693,206	16,813,710					
1960 .....	1,059	187	3,068	35	4,349	9,306,232	7,899,741	15,677,012					
1961 .....	886	175	3,082	14	4,157	9,008,189	7,017,130	16,630,753					
1962 .....	845	172	2,934	27	3,978	8,591,062	6,755,971	16,519,783					

Note: Administration employees include executives, managers, superintendents, other working officials and professional and clerical employees.

**TABLE 26. Workmen, by Months, in the Crude Petroleum and Natural Gas Industry, 1961 and 1962**  
Number on pay-roll on the last work-day of each month

Month	1961			1962		
	Male	Female	Total	Male	Female	Total
January .....	3,176	10	3,186	2,933	31	2,964
February .....	3,183	11	3,194	2,899	25	2,924
March .....	3,154	12	3,166	2,895	26	2,921
April .....	3,045	13	3,058	2,895	26	2,921
May .....	3,062	13	3,075	2,940	25	2,965
June .....	3,080	14	3,094	2,977	26	3,003
July .....	3,088	14	3,102	2,971	30	3,001
August .....	3,046	13	3,059	2,942	31	2,973
September .....	2,975	14	2,989	2,889	27	2,916
October .....	2,927	13	2,940	2,875	26	2,901
November .....	2,962	13	2,975	2,886	28	2,914
December .....	3,011	14	3,025	2,884	28	2,912
<b>Averages.....</b>	<b>3,082</b>	<b>14</b>	<b>3,096</b>	<b>2,934</b>	<b>27</b>	<b>2,961</b>
<i>Total man-hours worked .....</i>			<i>6,710,512</i>			<i>6,380,874</i>

**TABLE 27. Fuel and Electricity Used in the Crude Petroleum and Natural Gas Industry, 1962**

Kind		Quantity	Cost at plant
			\$
Bituminous coal (a) From Canadian mines .....		—	—
(b) Imported .....		—	—
Sub-bituminous coal (from Alberta mines only).....		—	—
Anthracite coal .....		—	—
Lignite coal .....		—	—
Coke (for fuel only).....	short ton	1	30
Gasoline, (includes gasoline used in cars and trucks) .....	Imp. gal.	6,454,100	2,482,329
Kerosene or coal oil .....	"	2,008	643
Fuel oil .....	"	1,402,897	270,006
Wood (cords of 128 cubic feet of piled wood) .....		—	—
Gas (a) Liquefied petroleum gases (propane, etc.) .....	Imp. gal.	619,665	117,478
(b) Other manufactured gas .....		—	—
(c) Natural gas .....	M cu. ft.	1,241,930	97,706
Other fuel .....		—	—
Electricity purchased for power and lighting .....	kwh.	152,895,423	3,871,644
Electricity purchased for other purposes .....		—	—
<b>Total .....</b>		...	<b>6,839,836</b>
Electricity generated (a) For own use .....	kwh.	1,100,000	...
(b) For sale .....		—	—

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962

Name	Address	Location of field
<b>New Brunswick:</b>		
New Brunswick Oilfields Ltd.	Moncton	Stoney Creek
<b>Ontario:</b>		
A. & C. Gas Syndicate	Ridgeway	Bertie
Albino Gas Ltd.	85 Richmond St. W., Toronto	Welland
Albot Gas & Oil Ltd.	111 Richmond St. W., Toronto	Aldborough
Allegany Producing Corporation	313 N. Main St., Wellsville, New York, U.S.A.	Glencoe
Anchor Petroleum Ltd.	372 Bay St., Toronto	Mosa
Annett, S.C.	Bothwell	Euphemia
Anthony Gas & Oil Explorations Ltd.	Acton	Speyside
Arno Mines Ltd.	62 Richmond St. W., Toronto	Dunn
Atkinson, J.	Petrolia	Petrolia
Beacon, Syndicate	102 E. Campus Drive, Snyder, N.Y., U.S.A.	Humberstone
Benner, K.W.	Fisherville	Rainham and Walpole
Bertie Oil & Gas Ltd.	100 Adelaide St. W., Toronto	Bertie
Big Seven Gas Syndicate	Fisherville	Rainham
Bluewater Oil & Gas Ltd.	736 -8th Ave S. W., Calgary, Alberta	Various
Bolivar Gas Company Ltd.	300 Main St. Bolivar, New York, U.S.A.	Walsingham North and South
Booth, Anna	R.R. 2, Niagara Falls	Willoughby and Bertie
Bradley, M.	Petrolia	Petrolia
Brae, Ben Company Ltd.	51 Claremont Drive, Hamilton	Dunn
Brennan, R.J.	101 Main St., Bradford, Pa. U.S.A.	Petrolia
Buck, C.S. Estate	London	Port Rowan
Byers Bros.	Oil Springs	Enniskillen
Byers, Irving	Oil Springs	Enniskillen
Camerina Petroleum Corporation	1711 First City National Bank Bldg., Houston 2, Texas U.S.A.	D'Clute
Canada-Cities Service Petroleum Corporation	801 South West St., Olney, Illinois, U.S.A.	Rodney
Caughell Bros.	Dunnville	Dunnville
Colborne Natural Gas Syndicate	Stevensville	Bertie
Cole, W.J.	Petrolia	Petrolia
Colonial Petroleum Ltd.	Chatham	Dawn
Comfort, N.	102 Inshes Ave., Chatham	Tunks and Duphette
Consolidated West Petroleum Ltd.	120 Eglinton Ave. E., Toronto 12	Tilbury and Malden
Copeland, Russell	Petrolia	Petrolia
Coronation Gas Syndicate	Stevensville	Bertie
Crowland Gas Ltd.	Box 100, Fort Erie	Welland
D. & M. Syndicate	Fort Erie	Bertie
Dauharris, F.	Dunnville	Dunn
Dawson, R.	Merlin	Tilbury East
Deanna Lee Gas Syndicate	Iroquois	Bertie
Dell-Burn Gas Ltd.	Fort Erie	Welland
De Mers, Victor E.	Petrolia	Oil Springs and Petrolia
Dickout Bros.	Lowbanks	Moulton
Donald, A. & K.	Oil Springs	Oil Springs
Donald, R.	Petrolia	Petrolia
Donalga Company	Simcoe	Langton
Edmund Gas Syndicate	Port Colborne	Humberstone
Ehde, Arthur L.	Lowbanks	Moulton
Elgin Petroleum Corp. Ltd.	25 Adelaide St. W., Toronto	Rodney
Fendrich, L. & G. Mozer	Tillsonburg	Charlottesville
Fisherville Gas Syndicate	Fisherville	Rainham
Fleet Manufacturing Ltd. <sup>1</sup>	Fort Erie	Bertie
Fletcher, Eva	Glanford Station	Binbrook
Flood Oils Ltd.	870 Lakeshore Rd., Sarnia	Oil Springs
Foreign Exploration Corp. Ltd.	121 Richmond St. W., Toronto	Long Point Bay
George, A.	Fort Erie	Bertie
Glenard Ltd.	Dunnville	Norfolk
Godby, W.M.	Tillsonburg	Longton
Grand River Gas Ltd.	Canfield	Cayuga North
Greenacres Syndicate	102 E. Campus Drive, Snyder 26, New York	Welland
Grimsby Natural Gas Co. Ltd. <sup>1</sup>	Grimsby	Caistor
Gurnell, N. & M.	Stevensville	Humberstone
Haldimand Gas & Oil Wells Ltd.	Cayuga	Various
Haldimand Natural Gas Syndicate	Stevensville	Bertie
Hallborg, L.	Port Colborne	Humberstone
Heise & Marton Gas Syndicate	114 Church St., Welland	Welland
Hercules Gas Syndicate	368 Ridge St., Ridgeway	Moulton
Highbank Oil Limited	Box 638, Chatham	Raleigh
Holmes, E.B.	Bothwell	Bothwell
Imperial Oil Ltd.	Box 4029 Terminal A, Toronto	Various
J.V.T. Natural Gas Syndicate	102 East Campus Drive, Snyder, New York, U.S.A.	Willoughby
Jackson, P.L.	211 George St., Dunnville	Various
Jarvis Hereford Farms	Jarvis	Walpole
Jewell & Morningstar	Oil Springs	Enniskillen
Kells, Ernest E.	Petrolia	Enniskillen
Keradec Petroleum Ltd.	80 King St. W., Toronto 1	Chatham and Camden Gore
Kerr, J. & J. Co. Ltd.	Petrolia	Enniskillen
Kinsey, O. & L. Estate	Dunnville	Haldimand
Lapp Estate	Niagara Falls	Bertie
Lapp & Arendt	Stevensville	Stevensville
Lejeune, Louis F.	Port Erie	Bertie
Lewis, Clifton B.	3816 Slattery Rd., Lun, Michigan, U.S.A.	Petrolia
Lewis, W.G.	Oil Springs	Enniskillen
Lincoln Natural Gas Ltd.	Dunnville	Welland
Linda Lee Syndicate	Ridgeway	Bertie, Willoughby and Crowland
Long Point Gas & Oil Ltd.	357 Bay St., Toronto	Norfolk, Haldimand and Refugee
Lowbanks Gas Co. Ltd.	Dunnville	Haldimand
M. & E. Enterprises	Welland	Welland
M.M. & T. Syndicate	102 E. Campus Drive, Snyder 26, New York U.S.A.	Welland
MacAnn Wall Prospecting Syndicate	1450 Broadway, Buffalo, N.Y., U.S.A.	Bertie
MacIntyre & Hawkins	26 Wintemute, Fort Erie	Humberstone

<sup>1</sup> These firms are classified to other industries.

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962 - Continued

Name	Address	Location of field
<b>Ontario—Concluded:</b>		
Maguire, J.	Clifford	Walpole and Woodhouse
Marcus, Louis A.	Wallacetown	Dunwich
McGaffey, Braun & Braun	Box 55, Bothwell	Euphemia
McMaster, R. & Sons Co., Ltd.	Caledonia	Gobels
McPherson, Ross Lionel Drilling Ltd.	88 Thompson Blvd., Riverside	Harwich
Meyers, Paul	397 Niagara Blvd., Fort Erie	Willoughby
Mile 18 Mines Ltd.	62 Richmond St. W., Toronto 1	Haldimand
Mitchell, Charles	Oil Springs	Oil Springs
Monte Natural Gas Syndicate	102 East Campus Drive, Snyder 26, New York, U.S.A.	Welland
Morningstar, George	Oil Springs	Enniskillen
Morningstar, L.	Oil Springs	Oil Springs
Morningstar, R.	Ridgeway	Ridgeway
Morrison, Doris E.	Langton	Walsingham North
Mulgrave Gas Syndicate	Stevensville	Berlie
Murdoch, Watson W.	R.R. 9 Dunnville	Dunn
N.Y.K. Oil (Canada) Ltd.	Sarnia	Euphemia
Neff, R.	Sherkston	Humberstone
Newport Gas Syndicate	Fort Erie	Wainfleet
Niece, Elmond	Dunnville	Sherbrooke
Niece, Bros.	Lowbanks	Sherbrooke
Nigh, C.	Stevensville	Willoughby
North Shore Gas Co.	Fisherville	Rainham
Noyes, L.A., Estate	Stevensville	Willoughby
Nycan Gas Co.	100 Webster St. N., Tonawanda N.Y., U.S.A.	Middleton
Ort, C.H.	Chippawa	Chippawa
Pal Oil & Gas Co., Ltd.	St. Thomas	Aldborough
Palcsos, John & Marr, Earl	Wainfleet	Wainfleet
Pegg Enterprises Ltd.	Morpeth	Morpeth
Pegg Enterprises Ltd., for Bradford Oil & Gas Co.	Morpeth	Morpeth
Petrol Oil & Gas Co., Ltd.	703-5th St. S. W., Calgary, Alberta	Oneida and Tuscarora
Place Gas & Oil Co., Ltd.	80 Richmond St. W., Toronto 1	Various
Pope, W.	Bothwell	Various
Provincial Gas Company Limited <sup>1</sup>	26 Jarvis St., Fort Erie	Welland and Lincoln
Putman, S.J.	Kingsville	Kingsville
Queenston Gas & Oil Co., Ltd.	Fort Erie	Walsingham
R.V.R. Gas Syndicate	Ridgeway	Bertie
Rae, Robert	1678 Kister Rd., Niagara Falls	Humberston
Reid, E.	Petrolia	Petrolia
Richmont Developments Ltd.	368 Ridge St., Ridgeway	Bertie and Humberstone
Riddell-Hanne Explorations Ltd.	139 Eason Ave., Highland Park 3, Mich., U.S.A.	Chatham
Roberts, Carl	Box 312, Coudersport, Penn., U.S.A.	Norfolk
Robinson Road Gas Syndicate	Dunnville	Moulton
Roth, Roth & Riggan Ltd.	Petrolia	Rodney
Roth & Roth Ltd.	Ridgeway	Various
Roth, Frank Estate	Petrolia	Bertie and Humberstone
Round, Josephine	Ridgeway	Bertie
Royal Gas Syndicate	Port Colborne	Bertie
Ruegg Gas	Stevensville	Ridgeway
Sherk, Bert Estate	Stevensville	Bertie
Sherkston Gas Syndicate	Sherkston	Humberstone and Bertie
Sider, A. & J.	Stevensville	Bertie and Humberstone
Sider, Norman	Sherkston	Bertie and Humberstone
Simon, B.	367 Ellicott St., Buffalo, N.Y., U.S.A.	Chippawa
Sodom, L. & A. Syndicate	Ridgeway	Willoughby
Steele, K.	Port Colborne	Humberstone
Stevensville Natural Gas & Fuel Co.	Stevensville	Bertie
T.H. & G. Syndicate	Ridgeway	Bertie
Thompson, Arnold	Petrolia	Enniskillen
Tri-County Gas & Oil Co., Ltd.	601 Huron & Erie Bldg., London	Norfolk South
Triform Explorations Ltd.	100 Adelaide St. W., Toronto 1	Haldimand and Welland
Trio Gas Company	Dunnville	Cangoro
Tunks, James	Bothwell	Bothwell
Union Gas Company of Canada Limited <sup>1</sup>	Chatham	Various
Valencourt, L.	Weiland	Thorold
Wale, H.	Stevensville	Humberstone
Warwick, Jack	Bothwell	Zone
Watson, Warwick & Huron Petroleum Ltd.	Chatham	Howard
Wehbwood Exploration Company Limited	974 Wilson Ave., Downsview	Tilbury West
Welland County Gas Syndicate	Stevensville	Bertie
Welland Gas Syndicate	Welland	Welland
Wellandport Gas Co., Ltd.	Dunnville	Gainsborough
Whorton Associates	Box 587 Wellsville, N.Y., U.S.A.	Norfolk
York Producing Company Ltd.	Bolivar, New York, U.S.A.	Chatham
Yuez Gas Company	732 Brisbane Bldg., Buffalo, U.S.A.	Charlottesville
Zenmac Metal Mines Ltd.	80 Richmond St. W., Toronto 1	Morpeth
<b>Manitoba:</b>		
Basco Petroleum Ltd.	706-7th Ave. S.W., Calgary, Alberta	Daly
British American Oil Company Limited	800 Bay St., Toronto, Ontario	Various
California Standard Company	Medical Arts Bldg., Calgary, Alberta	Various
Calrock Oil & Gas Ltd.	1714-24th St. S.W., Calgary, Alberta	Roselea
Canadian Delhi Oil Ltd.	505-8th Avenue Bldg., Calgary, Alberta	Scallion
Canadian Export Gas & Oil Ltd.	736-8th Ave. S.W., Calgary, Alberta	Virden, Roselea, and Scallion
Canadian Superior Oil Ltd.	703-6th Ave. S. W., Calgary, Alberta	Various
Consolidated Oil & Gas Inc.	4150 East Mexico Ave., Denver 22, Colorado, U.S.A.	East Daly
Dillman Oil Properties Ltd.	305 Brent Bldgs., Regina, Saskatchewan	Kirkella
Dome Petroleum Limited	706-7th Ave. S. W., Calgary, Alberta	Virden, Ebor and Hargrave
Eureka Oils Ltd.	176 Sutherland Ave., Winnipeg 4	Roselea and Virden
Fargo Oils Ltd.	320-7th Ave. S. W., Calgary, Alberta	Virden
Fosca Oil Co. Ltd.	505 Anglo-American Bldg., Calgary, Alberta	Daly
Frontenac Petroleum Co. Ltd.	70 Calder Crescent, Regina, Saskatchewan	Virden and Roselea

<sup>1</sup> These firms are classified to other industries.

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962 — Continued

Name	Address	Location of field
<b>Manitoba—Concluded:</b>		
Halliburton Oil Producing Co.	2915 Classen Blvd., Oklahoma City, Oklahoma, U.S.A.	Routledge
Hudson's Bay Oil & Gas Co. Ltd.	320-7th Ave. W., Calgary, Alberta.	Various
Imperial Oil Limited	111 St. Clair Ave., Toronto, Ontario	Various
Kardar Canadian Oils Ltd.	25 King St. W., Toronto 1, Ontario	Various
Kissinger Petroleums Ltd.	Box 8878, University Park Station, Denver 10, Colorado, U.S.A.	Wildcat
Kranz Oil Limited	653-4th Ave. N., Fargo, North Dakota, U.S.A.	Virden-Roselea
Marathon Oil Company	539 South Main St., Findlay, Ohio, U.S.A.	Various
McCarty & Coleman	916-9th St., Wichita Falls, Texas, U.S.A.	Virden
Milestone Petroleum Ltd.	Box 667, Virden	North Scallion
Mineraloid Ltd.	1206 S. Garfield, Alhambra, California, U.S.A.	Four ledge
Murphy Oil Co. Ltd.	703-5th St. W., Calgary, Alberta	Virden and Roselea
Owen, J.P.	Box 1432, Oil Centre Station, Lafayette, Indiana U.S.A.	Tilston
Pope Oils Ltd.	Box 11, Minot, North Dakota, U.S.A.	South Scallion
Recovery Oils Ltd.	Box 886, Virden	Daly
Samedan Oil of Canada Inc.	Box 909, Ardmore, Oklahoma, U.S.A.	Virden
Scurry-Rainbow Oil Ltd.	539-8th Ave. W., Calgary, Alberta	Daly
Shannon Oils Ltd.	Box 14, Norwood	North Virden and Roselea
Sun Oil Company	805-8th Ave. S.W., Drawer 38, Calgary, Alberta	Virden
Texaco Exploration Company	237-7th Ave. S.W., Calgary	Various
Thunderbird Oils Ltd.	530 A-6th Ave. S.W., Calgary, Alberta	Virden
Union Oil Co. of Canada Ltd.	709-8th Ave. W., Calgary, Alberta	Varlous
Vallat, E.H. Ltd.	534-6th Ave. S.W., Calgary, Alberta	Various
<b>Saskatchewan:</b>		
Agawam Oil Co. Ltd.	Box 830, Regina	Benson and Parkman
Albrumac Oils Ltd.	Alberta Wheat Pool Bldg., Calgary, Alberta	Steelman
Alcon Petroleums Ltd.	627-6th Ave. S.W., Calgary, Alberta	Varlous
Alminex Ltd.	320 Bay St., Toronto 1, Ontario	Milton
Altair Oil & Gas Co.	Box 2009 Amarillo, Texas, U.S.A.	Various
Altana Exploration Co.	1338, Butte, Montana, U.S.A.	Smiley and Whiteside
Ambassador Oil Corporation	9338, Fort Worth, Texas, U.S.A.	Midale and Stoughton
Amerada Petroleum Corp.	703-6th Ave. W., Calgary, Alberta	Alida, Steelman and Queensdale
American Liberty Oil Company	Box 8105, Dallas 5, Texas, U.S.A.	Various
Ashland Oil & Refining Company	1409 Winchester Ave., Ashland, Kentucky, U.S.A.	Pembina
Bakke, W.E. Oil Co. Ltd.	300 Petroleum Center Bldg., San Antonio, Texas, U.S.A.	Alida
B.C. & M. Enterprises	912-2nd St. N.W., Minot, North Dakota, U.S.A.	Hastings
Bison Petroleums & Minerals Ltd.	201 Brent Bldg., Regina	Various
Brehm Petroleums Ltd.	Box 618, Mt. Vernon, Illinois, U.S.A.	Midale
British American Oil Company Ltd.	800 Bay St., Toronto, Ontario	Various
Bueno Oils Ltd.	709-717-7th Ave. S.W., Calgary, Alberta	Steelman and Rockland
Buffalo Oil Co. Ltd.	Box 1670, Regina	Alameda
Cabeen Exploration Corporation	706-7th Ave. S.W., Calgary, Alberta	Smiley and Whiteside
California Standard Company	Medical Arts Bldg., Calgary, Alberta	Various
Canadian Delhi Oil Ltd.	505-8th Ave. S.W., Calgary, Alberta	Bone Creek
Canadian Devonian Petroleums Ltd.	Box 694, Calgary, Alberta	Carduff
Canadian Export Gas & Oil Ltd.	736-8th Ave. S.W., Calgary, Alberta	Various
Canadian Fina Oil Ltd.	736-8th Ave. S.W., Calgary, Alberta	Carduff, Midale, Parkman and Weyburn
Canadian Husky Oil Ltd.	815-6th St. S.W., Calgary, Alberta	Kindersley and Lloydminster
Canadian Keweenee Ltd.	805-8th Ave. S.W., Calgary, Alberta	Steelman
Canadian Long Island Petroleums Ltd.	401 Lancaster Bldg., Calgary, Alberta	Glen Ewen
Canadian Oil Companies Ltd.	188 University Ave., Toronto 1, Ontario	Various
Canadian Superior Oil	703-6th Ave. W., Calgary, Alberta	Various
Canadian W.C. McBride Inc.	25 N. Brentwood Blvd., St. Louis 5, Missouri, U.S.A.	Hastings and Parkman
Canex Gas Ltd.	736-8th Ave. S.W., Calgary, Alberta	Carduff
Canpet Exploration Ltd.	1450 Elveden House, Calgary, Alberta	Various
Central Del Rio Oils Ltd.	224-9th Ave. S.W., Calgary, Alberta	Weyburn
Champlin Oil & Refining Co.	Box 1240, Calgary, Alberta	Various
Colorado Oil and Gas Ltd.	Oil Exchange Bldg., Calgary, Alberta	Various
Consolidated Mic Mac Oils Ltd.	320-7th Ave W., Calgary, Alberta	Various
Consumers' Co-operative Refineries Ltd.	211 Ave. D, North, Saskatoon	Smiley and Eureka
Devon-Palmer Oils Ltd.	320-7th Ave. W., Calgary, Alberta	Various
Dillman Oil Properties Ltd.	305 Brent Bldg., Regina	Various
Dome Petroleum Ltd.	706-7th Ave. S.W., Calgary, Alberta	Various
Donne Oils	602 West Hastings St., Vancouver 2, British Columbia	Lloydminster
Dormark Oils Ltd.	401 Lindsay Bldg., Winnipeg 2, Manitoba	Dulwich
Echo Oil Company (The)	1840 McIntyre St., Regina	Carduff and Steelman
Elk Oils Ltd.	Humboldt	McLaren
Fair Petroleums	Lloydminster	Lloydminster
Fargo Oils Ltd.	320-7th Ave. S.W., Calgary, Alberta	Various
Ferguson Oil & Gas Ltd.	Regina	Various
Francane Oil & Gas Ltd.	5 St. James St. E., Montreal, Quebec	Various
Franco Castle No. 10 well	825 Granville St., Vancouver 2, British Columbia	Lloydminster and Lone Rock
Freeholders Oil Co. Ltd.	539-8th Ave. W., Calgary, Alberta	Midale
Froman Oils Ltd.	Box 666, Lloydminster, Alberta	Marsden and Dina
Garvey Exploration Ltd.	352 North Broadway, Wichita, Kansas, U.S.A.	Various
General American Oils Ltd.	Meadows Bldg., Dallas 6, Texas, U.S.A.	Coleville
Gladstone Petroleum Ltd.	5 Dome Bldg., Calgary, Alberta	Dodsland
Great American Royalties Ltd.	912-3rd St. N.W., Minot, North Dakota, U.S.A.	Belgarde
Gridoil Freehold Leases Ltd.	330-9th Ave. S.W., Calgary, Alberta	Various
Grizzly Petroleum Ltd.	224-9th Ave. S.W., Calgary, Alberta	Kishey-Stortoaks
Guyer Oil Company Ltd.	1570 Elveden House, Calgary, Alberta	Dodsland
Hudson's Bay Oil & Gas Co. Ltd.	320-7th Ave. W., Calgary, Alberta	Various
Hussar Operators Ltd.	215A-10th St. N.W., Calgary, Alberta	Hitchcock and Weyburn
Imperial Oil Limited	111 St. Clair Ave., Toronto, Ontario	Various
Intermountain Petro-Mining Ltd. (Cascade Drilling Co. Ltd.)	Box 1120, Calgary, Alberta	Midale
Kidd, Barron	3707 Rawlins St., Dallas 19, Texas, U.S.A.	Various
Kissinger Petroleums Ltd.	Box 8878 University Park Station, Denver 10, Colorado, U.S.A.	Various
Kranz Oil Ltd.	653-4th Ave. North, Fargo, North Dakota, U.S.A.	Benson

\* These firms are classified to other industries.

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962 — Continued

Name	Address	Location of field
<b>Saskatchewan—Concluded:</b>		
Lewis, James A. Engineering Co. Ltd.	736-8th Ave. S.W., Calgary, Alberta	Cantuar
Lloydminster Gas Co. Ltd. <sup>1</sup>	Lloydminster	Lloydminster
Lone Rock Gas Co.	Lone Rock	Lone Rock
Marathon Oil Company	539 South Main St., Findlay, Ohio	Various
McAlester Canadian Oil Co.	Box 210, Magnolia, Arkansas, U.S.A.	Weyburn and Midway
McCarty & Coleman	916-9th St., Wichita Falls, Texas, U.S.A.	Alida and Queensdale
Medallion Petroleum Ltd.	224-9th Ave. S.W., Calgary, Alberta	Various
Midland Exploration Company	5530 The Toledo, Long Beach 3, California, U.S.A.	Carduff
Monsanto Oils Ltd.	314 Royalite Bldg., Calgary, Alberta	Various
Monterey Petroleum Corporation	122-635-6th Ave. S.W., Calgary, Alberta	Various
Murphy Oil Co. Ltd.	703-5th St. W., Calgary, Alberta	Midale, Weyburn and Hastings
New Continental Oil Co. of Canada Ltd.	1170 Elveden House, Calgary, Alberta	Various
Norcan Oils Ltd.	330-9th Ave. S.W., Calgary, Alberta	Various
Nortex Exploration Coop.	300 Gulf States Bldg., Dallas	Benson
North American Oils Ltd.	602 W., Hastings St., Vancouver 2, British Columbia	Lloydminster
Nuwell Oils Ltd.	10019-103 rd St., Edmonton, Alberta	Dutwich and Silverdale
Oiphant & Oiphant	1905 National Bank of Tulsa Bldg., Tulsa, Oklahoma, U.S.A.	Rapdan
Oreca Oil Ltd.	305 Brent Bldg., Regina	West Kingsford
P.A.T. Operators Ltd.	508 Royal Trust Bldg., Edmonton, Alberta	Lloydminster
Pamoil Ltd.	301 Hudson's Bay Oil & Gas Bldg., Calgary, Alberta	Carduff and Alameda
Phillips, Joe Ltd.	206-736-8th Ave. S.W., Calgary, Alberta	Various
Placid Oil Co.	600 Beck Bldg., Shreveport, Louisiana, U.S.A.	Nottingham, Glen Ewen and Steelman
Prairie Oil Royalties Co. Ltd.	2236 Albert St., Regina	Oungre and Midale
Prenalta Petroleum Ltd.	222 Blow Bldg., Calgary, Alberta	Alameda
Provo Gas Producers Ltd.	706-7th Ave. S.W., Calgary, Alberta	Midale
Ranger Oil (Canada) Ltd.	505-8th Ave. W., Calgary, Alberta	Various
Rex Oil & Development Co. Ltd.	401 Lindsay Bldg., Winnipeg, Manitoba	Dulwich
Ribrock Oils Ltd.	Box 790, Prince Albert	Lone Rock
Rogers Alberta Syndicate	Lloydminster	Lloydminster
Royalite Oil Company Ltd.	Royalite Bldg., Calgary, Alberta	Various
Rudman, M.B.	1730 Mercantile Dallas Bldg., Dallas 1, Texas, U.S.A.	Midale
Sarcee Petroleum Ltd.	640-7th Ave. S.W., Calgary, Alberta	Eureka - Dodsland
Saskatchewan Power Corporation <sup>1</sup>	1739 Cornwall St., Regina	Hatton
Saskatoon Petroleum	602 W. Hastings St., Vancouver, British Columbia	Lloydminster
Scurry - Rainbow Oil Ltd.	539-8th Ave. W., Calgary, Alberta	Various
Security Freehold Petroleum Ltd.	Box 924, Winnipeg 1, Manitoba	Weyburn
Shell Oil Company of Canada, Ltd.	Box 400, Terminal A, Toronto 1, Ontario	Various
Sinclair Canada Oil Co.	700 Petroleum Bldg., Calgary, Alberta	Weyburn
Skelly Oil Company	Box 1650, Tulsa, Oklahoma, U.S.A.	Various
Socony Mobil Oil of Canada Ltd.	Mohil Oil Bldg., Calgary, Alberta	Various
Sohio Petroleum Company	309-8th Ave. W., Calgary, Alberta	Various
Sun Oil Company	805-8th Ave. S.W., Calgary, Alberta	Various
Sunac Petroleum Corporation	1100 Mercantile Continental Bldg., Dallas 1, Texas, U.S.A.	Various
Tacoma Petroleum Ltd.	301 Lancaster Bldg., Calgary, Alberta	Pinto
Tenneco Corporation and subsidiaries	Box 18, Houston, Texas, U.S.A.	Hitchcock and South Weyburn
Texaco Exploration Co.	237-7th Ave. S.W., Calgary, Alberta	Various
Thunderbird Minerals Ltd.	301 Lancaster Bldg., Calgary, Alberta	Pinto
Tidewater Canadian Oil Ltd.	Regina	Various
Trans-Western Oils Ltd.	604-1st Ave. S.W., Calgary, Alberta	Lone Rock
Triad Oil Co. Ltd.	535-7th Ave. W., Calgary, Alberta	Various
Union Oil Co. of Canada Ltd.	709-8th Ave. S.W., Calgary, Alberta	Various
United Canco Oil & Gas Ltd.	940-8th Ave. S.W., Calgary, Alberta	Various
Uno-Tex Petroleum Corporation	309-7th Ave. S.W., Calgary, Alberta	Various
Vaientia Oil Corporation Ltd.	67 Yonge St., Toronto 1, Ontario	Dunwich
Westburne Oil Development Ltd.	505-2nd St. S.W., Calgary, Alberta	Various
Western Allenbee Oil & Gas Co. Ltd.	204-569 Howe St., Vancouver 1, British Columbia	Lloydminster
Western Decalta Petroleum Ltd.	703-5th St. W., Calgary, Alberta	North Premier
Whitehall Canadian Oils Ltd.	Can. Bank of Commerce Bldg., Toronto, Ontario	Various
Williamson Oil & Gas Ltd.	709-8th Ave. S.W., Calgary, Alberta	Various
Wintershall Oil of Canada Ltd.	626 Lougheed Bldg., Calgary, Alberta	Various
<b>Alberta:</b>		
Acheson East Oil & Gas Co. Ltd.	10305-97th St., Edmonton	Various
Alberta Pacific Consolidated Oils Ltd.	635-6th Ave. S.W., Calgary	Turner Valley
Altana Exploration Company	Box 1338, Butte, Montana, U.S.A.	Caroline, Garrington and Dog pound
Amax Petroleum Corporation	507 Enterprise Bldg., Tulsa, Oklahoma, U.S.A.	Various
Ambassador Oil Corp.	Box 9338, Fort Worth, Texas, U.S.A.	Various
Amerada Petroleum Corporation	703-8th Ave. W., Calgary	Various
American Leduc Petroleum Ltd.	10435-124th St., Edmonton	Bashaw
Apache Corporation	1800 Foshay Tower, Minneapolis, Minnesota, U.S.A.	Various
Atlantic Refining Co.	303-11745 Jasper Ave., Edmonton	Various
Banff Oil Ltd.	505-8th Ave. Bldg., Calgary	Various
Barons Oil Ltd.	907-3rd Aves., Lethbridge	Barons
Big Five Petroleum Ltd.	201 Lancaster Bldg., Calgary	Leduc
Blair, Edwin Foster	309-8th Ave. S.W., Calgary	Various
Blue Crown Petroleum Ltd.	330-9th Ave. S.W., Calgary	Namao
Brett Oil & Gas Ltd.	315 Lancaster Bldg., Calgary	Chin Coulee
Brinkerhoff Drilling Co., Ltd.	220 Bentall Bldg., Calgary	Crossfield and Medicine River
Britalta (Alberta) Petroleum Ltd.	300 Fillmore St., Denver 6, Colorado U.S.A.	East Calgary and Hilda
British American Oil Co. Ltd.	800 Bay St., Toronto	Various
Cabeen Exploration Corp.	706-7th Ave. S.W., Calgary	Various
California Standard Company	Medical Arts Bldg., Calgary	Various
Calmar West Oils Ltd.	401 Lancaster Bldg., Calgary	Leduc
Campbell, R. & Associates	Box 4183 Station D., Vancouver 9, British Columbia	Leduc - Woodbend
Canada-Cities Service Petroleum Corporation	Bartlesville, Oklahoma, U.S.A.	Various
Canadian Delhi Oil Ltd.	505-8th Ave. W., Calgary	Various
Canadian Devonian Petroleum Ltd.	Box 694, Calgary	Hespero
Canadian Export Gas & Oil Ltd.	736-8th Ave. S.W., Calgary	Big Valley and Sedalia
Canadian Fina Oil Limited	736-8th Ave. S.W., Calgary	Various
Canadian High Crest Oils Ltd.	608-7th St. S.W., Calgary	Various
Canadian Husky Oil Ltd.	815-6th St. S.W., Calgary	Lloydminster

<sup>1</sup> These firms are classified to other industries

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962 - Continued

Name	Address	Location of field
Alberta <sup>1</sup> - Continued:		
Canadian Industrial Gas Ltd.	640-7th Ave. S.W., Calgary	Morinville, St. Albert and Big Lake
Canadian Kewanee Ltd.	805-8th Ave. S.W., Calgary	Various
Canadian-Montana Gas Company Ltd. <sup>1</sup>	Box 1338, Butte, Montana, U.S.A.	Various
Canadian Oil Companies Ltd. <sup>1</sup>	188 University Ave., Toronto, Ontario	Various
Canadian Pacific Oil & Gas Ltd.	Box 400, Calgary	Various
Canadian Propane consolidated Ltd.	250, Elvedon House, Calgary	Acheson
Canadian Seaboard Oil Co.	237-7th Ave. W., Calgary	Various
Canadian Superior Oil Ltd.	703-6th Ave. W., Calgary	Various
Canadian Western Natural Gas Co. Ltd. <sup>1</sup>	140-6th Ave. S.W., Calgary	Various
Canadian Western Power & Fuel Co. Ltd.	Redcliff	Medicine Hat
Cancrude Oil & Gas Co. Ltd.	444-7th Ave. S.W., Calgary	Pembina
Canex Gas Ltd.	736-8th Ave. S.W., Calgary	Various
Canpet Exploration Ltd.	1450 Elvedon House, Calgary	Various
Central Del Rio Oils Ltd.	224-9th Ave. S.W., Calgary	Leduc - Woodbend
Century Royalties Ltd.	330-9th Ave. S.W., Calgary	Turner Valley
Champlin Oil & Refining Co.	Box 1240, Calgary	Various
Colorado Oil & Gas Ltd.	Oil Exchange Bldg., Calgary	Various
Consolidated Bonnyville Ltd.	2015 Drummond St., Montreal, Quebec	Cold Lake and Fort Kent
Consolidated East Crest Oil Co. Ltd.	718-8th Ave. S.W., Calgary	Various
Consolidated Mac Mac Oils Ltd.	320-7th Ave. W., Calgary	Various
Daveroy Oil Co. Ltd.	9619-54th St., Edmonton	Camrose
Dea Oil of Canada Ltd.	505-8th Ave. S.W., Calgary	Pembina
DeKalb Petroleum Corporation	410 Alpine Bldg., Calgary	Various
Dempsey Oils Ltd.	117B-8th Ave. S.W., Calgary	South Leduc
Devon Palmer Oils Ltd.	320-7th Ave. S.W., Calgary	Various
Diversa Inc.	633 Meadows Bldg., Dallas Texas, U.S.A.	Saxet and Medicine Hat
Dome Petroleum Ltd.	706-7th Ave. S.W., Calgary	Pembina and Drumheller
Dominion Glass Co. Ltd. <sup>1</sup>	1111 Beaver Hall Hill, Montreal, Quebec	Medicine Hat
Dundee Oils Ltd.	11404-142nd St., Edmonton	Leduc - Woodbend
Elk Point Gas Ltd.	Elk Point	Elk Point
Embassy Petroleums Ltd.	227-7th Ave. S.W., Calgary	Whitelaw and Leduc - Woodbend
Empire State Oil Company	Box 871, Thermopolis, Wyoming, U.S.A.	Joffre
Federal Oils Syndicate	223A-10th St. N.W., Calgary	Patricia
Flamingo Oils Limited	100 Adelaide St. W., Toronto, Ontario	Redwater
Fosca Oil Co. Ltd.	505 Anglo American Bldg., Calgary	Battle South and Wainwright
French Petroleum Co. Of Can. Ltd.	635-6th Ave. S.W., Calgary	Various
Fulton Engineering Ltd.	5 Dome Bldg., Calgary	Wainwright
Goodyear Tire and Rubber Co. of Canada Ltd. <sup>1</sup>	3050 Lakeshore Blvd. W., Toronto 14, Ontario	Medicine Hat
Great Plain's Development Company of Canada Ltd.	736-8th Ave. W., Calgary	Various
Guyer Oil Company Ltd.	1570 Elvedon House, Calgary	Joffre and Pembina
Hales Oil & Gas Co. Ltd.	530A-6th Ave. S.W., Calgary	Ellerslie
Hamilton Brothers Canadian Gas Company Ltd.	706-7th Ave. S.W., Calgary	Gilby
Home Oil Company Limited	304-6th Ave. S.W., Calgary	Various
Huber, J.M. Corporation	960 Elvedon House, Calgary	Brooks
Hudson's Bay Oil & Gas Co. Ltd.	320 Seventh Ave. W., Calgary	Various
Hunt Oil Company	700 Mercantile Bldg., Dallas, Texas, U.S.A.	Ferrier and Buffalo Lake
Imperial Oil Ltd.	111 St. Clair Ave., Toronto, Ontario	Various
Inland Gas & Oil Co. Ltd.	124 Commercial Chambers, Edmonton	Viking - Kinsella
International Helium Co. Ltd.	405-25 Adelaide St. W., Toronto	Pembina
Inti Gas Engineering Ltd.	3308-39th St. S.W., Calgary	Sylvan Lake
Jefferson Lake Petro chemicals of Canada Ltd.	410 Petroleum Bldg., Calgary	Various
Kelcam Oils Ltd.	6206-97th St., Edmonton	Leduc
Kerr-McGee Oil Industries Inc.	Kerr-McGee Bldg., Oklahoma City, Oklahoma, U.S.A.	Prevo
King-Stevenson Gas and Oil Co.	1400 Elvedon House, Calgary	Joffre and Wildcats
Landa Oil Company	5738 N. Central Express way, Dallas Texas, U.S.A.	Various
Lewis, James A. Engineering Ltd.	736-8th Ave. S.W., Calgary	Pembina
Lloydminster Gas Co. Ltd. <sup>1</sup>	Drawer H., Lloydminster, Saskatchewan	Lloydminster
Lobitos Oilfields Canada Ltd.	940-8th Ave. W., Calgary	Various
Luscar Coals Ltd.	605 Royal Trust Bldg., Edmonton	Pembina and Swan Hills
Many Islands Pipe Lines Ltd.	1739 Cornwall St., Regina, Saskatchewan	Medicine Hat
Maple Leaf Mills Ltd. <sup>1</sup>	Box 370, Postal Station A, Toronto, Ontario	Medicine Hat
Marathon Oil Company	539 South Main St., Findlay, Ohio, U.S.A.	Various
Marjack Oils Ltd.	10305-97th St., Edmonton	Leduc
McAlester Canadian Oil Co.	Box 210, Magnolia, Arkansas, U.S.A.	Various
Medallion Petroleums Ltd.	224-9th Ave., S.W., Calgary	Various
Medicine Hat City	Medicine Hat	Medicine Hat
Medicine Hat Brick & Tile Co. Ltd. <sup>1</sup>	Box 70, Medicine Hat	Medicine Hat
Medicine Hat Brick & Tile Co. Ltd. <sup>1</sup> (Alberta Clay Products Division)	Box 70, Medicine Hat	Medicine Hat
Metro Oil & Gas Co. Ltd.	102 Mercantile Bldg., Edmonton	Excelsior
Midwest Oil Corporation	809-4th St. S.W., Calgary	Various
Mid-Western Industrial Gas Ltd.	11055-107th St., Edmonton	Various
Monarch Investments Ltd.	Medicine Hat	Medicine Hat
Monsanto Oils Ltd.	314 Royalite Bldg., Calgary	Turin, Twining and Schneider Lake
Murphy Oil Co. Ltd.	703-5th St. W., Calgary	Various
New Continental Oil Co. of Canada Ltd.	1170 Elvedon House, Calgary	Leduc
New York Oils Ltd.	703-5th St. S.W., Calgary	Penhold
Norcan Oils Ltd.	330-9th Ave. S.W., Calgary	West Drumheller and Willesden Green
North Canadian Oils Ltd.	640-7th Ave. S.W., Calgary	Various
Northern Natural Gas Producing Co.	2223 Dodge St., Omaha, Nebraska, U.S.A.	Various
Northwestern Utilities Ltd. <sup>1</sup>	10040-104th St., Edmonton	Various
Ogilvie Flour Mills Co. Ltd. <sup>1</sup>	Box 6089 Montreal, Quebec	Medicine Hat
Old Settler's Oils Ltd.	9930-106th St., Edmonton	Undefined
Pacific Petroleums Ltd.	800 Pacific Bldg., Calgary	Various
Pamoil Ltd.	301 Hudson's Bay Oil & Gas Bldg., Calgary	Various
Pan American Petroleum Corp.	444-7th Ave. S.W., Calgary	Drumheller
Panama Petroleums Ltd.	205 Rutland House, Rideau Towers, Calgary	Border
Pat Buckley Oil Company	Box 548, Shelby, Montana, U.S.A.	Various
Peigan Oil of Canada Ltd.	1027-8th Ave. S.W., Calgary	

<sup>1</sup> These firms are classified to other industries.

## Directory of Firms Producing Crude Petroleum and Natural Gas, 1962 — Concluded

Name	Address	Location of field
<b>Alberta — Concluded:</b>		
Penwa Oils Ltd.	3301 - 9th Ave. S.W., Calgary	Crossfield
Phillips, Joe Ltd.	736 - 8th Ave. S.W., Calgary	Various
Piute Petroleum Ltd.	505 Second St. S.W., Calgary	Wainwright
Prensett Corporation	Professional Bldg., Tarrytown, New York, U.S.A.	Bantry South
Provo Gas Producers Ltd.	706 - 7th Ave. S.W., Calgary	Crossfield, Hughenden and Pembina
Pure Oil Company	1200 Elveden House, Calgary	Swan Hills & Ferrier
Quinalta Petroleum Ltd.	617 - 7th Ave. W., Calgary	Morinville
Quintus Leaseholds Ltd.	1550 Elveden House, Calgary	Pembina
Redcliff Premier Brick Co.	Redcliff	Medicine Hat
Redwater Oils Ltd.	200 - 838 - 11th Ave. S.W., Calgary	Hairy Hill
Redwater Water Disposal Co. Ltd.	8505 Argyll Rd., Edmonton	Redwater
Regent Refining (Canada) Ltd.	509 - 3rd St. W., Calgary	Swan Hills
Richfield Oil Corporation	555 South Flower St., Los Angeles 17, Cal.	Various
Ross & Nygen	Box 40, Lloydminster	Lloydminster
Royal American Oil Co. Ltd.	201 Lancaster Bldg.	Leduc - Woodbend
Royal Canadian Ventures Ltd.	1011A - 17th Ave. S.W., Calgary	Clive
Royalite Oil Company Limited	Royalite Bldg., Calgary	Redwater, Turner Valley and Stony Plain
Sage Oil Company Limited	11404 - 142nd St., Edmonton	Various
Sasko-Wainwright Oil & Gas Ltd.	9930 - 106th St., Edmonton	Wainwright
Schermerhorn Oil Corporation	Box 287 Tulsa, Oklahoma, U.S.A.	Swan Hills
Scurry-Rainbow Oil Ltd.	539 - 8th Ave. W., Calgary	Various
Sharpies Oil Corporation	1700 Broadway, Denver 2, Colorado, U.S.A.	Wildcat
Shell Oil Company of Canada, Limited	Box 400, Terminal A, Toronto, Ontario	Jumping Pound etc.
Sinclair Canada Oil Company	700 Petroleum Bldg., Calgary	Various
Skelly Oil Company	Box 1650 Tulsa, Oklahoma, U.S.A.	Various
Socony Mobil Oil of Canada Ltd.	Mobil Oil Bldg., Calgary	Carson Creek
Sohio Petroleum Company	309 - 8th Ave. S.W., Calgary	Wildcat
Southland Royalty Company	1603 First National Bldg., Fort Worth 2, Texas, U.S.A.	Hays
Sparky Development Ltd.	330 - 9th Ave. W., Calgary	Wainwright
Spooner Mines & Oils Ltd.	640 - 7th St. S.W., Calgary	Leduc
Sterling Royalties Ltd.	330 - 9th Ave. S.W., Calgary	Turner Valley
Sturgeon Petroleum Ltd.	224 - 9th Ave. S.W., Calgary	Leduc - Woodbend
Suffield Experimental Station <sup>1</sup>	Ralston	Wildcat
Suffield Gas Distributing System	Suffield	Suffield
Sun Oil Company	P.O. Drawer 39, Calgary	Various
Sunac Petroleum Corporation	1100 Mercantile Continental Bldg., Dallas 1, Texas, U.S.A.	Joffre, Pembina and Acheson East
Sunshine Mining Company	W. 300 Mission Ave., Spokane 1, Washington, U.S.A.	Pembina
Supertest Petroleum Corporation Ltd.	608 - 7th S.W., Calgary	Various
Swain Oils Ltd.	717 - 7th Ave. S.W., Calgary	Pembina and Leafland
Tenneco Corporation and Subsidiaries	Box 18, Houston, Texas, U.S.A.	Various
Texaco Canada Ltd.	246 Bloor St. W., Toronto, Ontario	Pembina, Deer Mountain and Snipe Lake
Texaco Exploration Company	237 - 7th Ave. W., Calgary	Various
Texas Crude Oil Company	104 - 26th Ave. S.W., Calgary	Various
Texas Pacific Coal and Oil Company	Box 2110, Fort Worth National Bank Bldg., Fort Worth, Texas, U.S.A.	Viking and Nevis
Texfel Petroleum Corporation	3200 Republic Bank Bldg., Dallas 1, Texas, U.S.A.	Pembina
Tidal Petroleum Corporation Ltd.	8631 - 109th St., Edmonton	Lloydminster and Cessford
Tilley Gas Co. Ltd. <sup>1</sup>	Tilley	Tilley
Triad Oil Co. Ltd.	535 - 7th Ave. W., Calgary	Various
Union Oil Co. of California	Box 7600, Los Angeles 54, California, U.S.A.	Milk River
Union Oil Co. of Canada Ltd.	709 - 8th Ave. W., Calgary	Various
United Canco Oil & Gas Ltd.	940 - 8th Ave. S.W., Calgary	Various
Wardean Drilling Ltd.	4431 - 6th St. S.E., Calgary	Acheson East
Wespac Petroleum Ltd.	718 - 8th Ave. S.W., Calgary	Whitemud
Western Allenbee Oil & Gas Co. Ltd.	569 Howe St., Vancouver 1, British Columbia	Leduc - Woodbend and Wainwright
Western Canadian Venture	309 - 8th Ave. S.W., Calgary	Harmattan East
Western Chemicals Ltd.	200 - 838 Eleventh Ave. W., Calgary	Duvernay
Western Decalfa Petroleum Ltd.	703 - 5th St. W., Calgary	Various
Western Minerals Ltd.	200 - 838 Eleventh Ave. S.W., Calgary	Willingdon
Western Warner Oils Ltd.	215A - 10th St., Calgary	Leduc - Woodbend
Whitehall Canadian Oils Ltd.	Canadian Bank of Commerce Bldg., Toronto, Ontario	Various
Winstershall Oil of Canada Ltd.	626 Lougheed Bldg., Calgary	Various
Yeske Petroleum Ltd.	9947 - 104th St., Edmonton	Leduc - Woodbend
Zapata Canadian Petroleum Corporation	1050 Elveden House, Calgary	Various
<b>British Columbia:</b>		
Amerada Petroleum Corporation	703 - 6th Ave. S.W., Calgary, Alberta	Various
Atlantic Refining Company	303 - 11745 Jasper Ave., Edmonton, Alberta	Various
Basin Oil Exploration Ltd.	1001 Federal Bldg., Toronto, Ontario	Boundary Lake
Dome Petroleum Ltd.	706 - 7th Ave. S.W., Calgary, Alberta	Boundary Lake, Laprise and Jedney
Hudson's Bay Oil & Gas Co. Ltd.	320 - 7th Ave. W., Calgary, Alberta	Various
Hunt-Sands Joint Venture	700 Mercantile Bank Bldg., Dallas, Texas, U.S.A.	Unnamed
Imperial Oil Ltd.	111 St. Clair Ave., Toronto, Ontario	Various
Marathon Oil Company	707 - 7th Ave. S.W., Calgary, Alberta	Boundary Lake
Medallion Petroleum Ltd.	224 - 9th Ave. S.W., Calgary, Alberta	Peejay
Monsanto Oils Ltd.	314 Royalite Bldg., Calgary, Alberta	Nig Creek
Pacific Petroleum Ltd.	800 Pacific Bldg., Calgary, Alberta	Fort St. John
Sinclair Canada Oil Company	700 Petroleum Bldg., Calgary, Alberta	Various
Sun Oil Company	805 - 8th Ave. S.W., Calgary, Alberta	Various
Tenneco Corporation and Subsidiaries	Box 18, Houston, Texas, U.S.A.	Wildmint
Texaco Exploration Company	237 - 7th Ave. W., Calgary, Alberta	Various
Textel Petroleum Corporation	3200 Republic Bank Bldg., Dallas 1, Texas, U.S.A.	Boundary Lake
Triad Oil Co. Ltd.	535 - 7th Ave. W., Calgary, Alberta	Beaton River and West Beaton
Union Oil Company of Canada Ltd.	709 - 8th Ave. W., Calgary, Alberta	Various
Whitehall Canadian Oils Ltd.	307 - 4th St. S.W., Calgary, Alberta	Rigel
<b>Northwest Territories:</b>		
Imperial Oil Limited (Norman Wells)	111 St. Clair Ave., Toronto, Ontario	Fort Norman

<sup>1</sup> These firms are classified to other industries.

## NATURAL GAS PROCESSING PLANTS, 1962

This report includes statistics for industry 065—Natural Gas Processing Plants of the Standard Industrial Classification Manual (Catalogue No. 12-501).

The data in Table 28 have been revised from the reports of those firms which were classified to this industry according to the Revised Standard Industrial Classification and New Establishment Concept. Prior to 1960 some of the firms had been classified in the manufacturing industry and the statistics were included in the compressed gases industry.

The first natural gas processing plant in Alberta was put into operation in 1933 to recover the natural gasoline or "naphtha". As natural gas became a more important commodity it has become necessary to build more plants to supply dry, clean, natural gas. In processing the wet sour natural gas the by-products which are made include propane, butane, propane-butane mix, natural gasoline, condensate, and hydrogen sulphide. Hydrogen sulphide is further processed to yield elemental sulphur.

TABLE 28. Principal Statistics for the Natural Gas Processing Industry, 1957-62

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost of process supplies, raw materials	Gross selling value of products (f.o.b. works)	Net value added production
number							
1957 .....	10	270	1,408,882	424,412	5,246,689	11,344,465	5,673,364
1958 .....	14	411	2,093,033	734,331	9,501,032	17,509,526	7,274,163
1959 .....	14	461	2,525,833	918,608	7,169,778	17,363,197	9,274,811
1960 .....	30	669	3,790,433	1,288,028	25,624,323	45,762,880	18,850,529
1961 .....	49	744	4,477,319	1,869,994	39,501,327	78,020,013	36,648,692
1962 .....	50	845	5,563,243	2,872,439	63,726,737	119,656,070	53,056,894

TABLE 29. Producers Shipments of Natural Gas By-products, 1960-62

Product	Year	Saskat-chewan	Alberta	British Columbia	Canada
dollars					
Propane, butane .....	1960	1,436,564	14,021,998	593,648	16,052,210
L.P.G.—Mix, condensate .....	1961	1,476,478	23,059,867	2,756,614	27,292,959
Natural gasoline .....	1962	1,878,643	46,190,893	2,708,970	50,778,506

TABLE 30. Production and Sales of Natural Gasoline and Naphtha in Alberta, 1961 and 1962

	1961	1962
barrels		
Production—By fields:		
Acheson .....	17,953	22,163
Bonnie Glen .....	171,531	175,359
Cessford .....	69,024	69,913
Countess .....	7,139	7,528
Enchant .....	1,244	1,348
Hussar .....	78,671	76,242
Jumping Pound .....	68,776	74,286
Kaybob .....	—	21,596
Leduc - Woodbend .....	142,866	146,727
Morinville .....	43,350	41,871
Nevis .....	119,594	144,790
Parkland .....	—	23,397
Pembina .....	368,617	380,384
Prevo .....	12,790	9,914
Redwater .....	45,290	47,394
Sedalia .....	465	549
Sibbald .....	167	890
Turner Valey .....	482,994	460,621
Wayne - Rosedale .....	12,018	23,641
Wood River .....	6,553	5,753
<b>Totals, Alberta .....</b>	<b>1,649,042</b>	<b>1,734,366</b>
Transferred to oil .....	1,641,607	1,730,588
Sales .....	\$ 3,796,552	4,064,554

**TABLE 31. Employees and their Earnings in the Natural Gas Processing Plants, 1957-62**

Year	Employees						Man-hours worked (all employees)	Earnings		
	Administration		Workmen		Total	Administration		Workmen	Total	
	Male	Female	Male	Female						
	number								dollars	
1957 .....	49	3	218	-	270	576,522	288,191	1,120,691	1,408,882	
1958 .....	69	7	334	1	411	826,416	468,892	1,624,141	2,093,033	
1959 .....	63	2	394	2	461	936,418	457,063	2,068,770	2,525,833	
1960 .....	152	20	496	1	669	1,404,606	1,010,143	2,780,290	3,790,433	
1961 .....	171	16	557	-	744	1,539,033	1,228,857	3,248,462	4,477,319	
1962 .....	174	18	653	-	845	1,761,105	1,332,315	4,230,928	5,563,243	

Note: Administration employees include executives, managers, superintendents, other working officials and professional and clerical employees.

**TABLE 32. Workmen, by Months, in the Natural Gas Processing Plants, 1962**

Number on pay-roll on the last work-day of each month

Month	Male	Female	Total
January .....	615	-	615
February .....	633	-	633
March .....	638	-	638
April .....	647	-	647
May .....	667	-	667
June .....	676	-	676
July .....	674	-	674
August .....	673	-	673
September .....	658	-	658
October .....	651	-	651
November .....	644	-	644
December .....	642	-	642
Averages .....	653	-	653
Total man-hours worked .....			1,369,441

**TABLE 33. Fuel and Electricity Used in the Natural Gas Processing Plants, 1962**

Kind	Quantity	Cost at plant
	\$	
Bituminous coal (a) From Canadian mines .....	-	-
(b) Imported .....	-	-
Sub-bituminous coal (from Alberta mines only) .....	-	-
Anthracite coal .....	-	-
Lignite coal .....	-	-
Coke (for fuel only) .....	-	-
Gasoline, (includes gasoline used in cars and trucks) .....	Imp. gal. 165,094	57,971
Kerosene or coal oil .....	" 1,260	351
Fuel oil .....	" 17,314	3,388
Wood (cords of 128 cubic feet of piled wood) .....	-	-
Gas (a) Liquefied petroleum gases (propane, etc.) .....	Imp. gal. 149,349	18,933
(b) Other manufactured gas .....	-	-
(c) Natural gas .....	M cu.ft. 19,525,535	1,944,001
Other fuel .....	...	-
Electricity purchased for power and lighting .....	kwh. 59,196,970	765,400
Electricity purchased for other purposes .....	pound 554,319,387	82,395
Steam purchased .....	...	-
Total .....		2,872,439
Electricity generated (a) For own use .....	kwh. 32,565,725	...
(b) For sale .....	-	-



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## Operators of Natural Gas Processing Plants, 1962

Name	Address	Location of field
<b>Saskatchewan:</b>		
Nottingham Gas Limited .....	1825 McIntyre St., Regina .....	Various
Saskatchewan Power Corporation .....	1739 Cornwall St., Regina .....	Coleville - Smiley and Cantuar
Smiley Gas Conservation Ltd. ....	1825 McIntyre St., Regina .....	Smiley
Steelman Gas Ltd. <sup>1</sup> .....	706 - 7th Ave. S.W., Calgary, Alberta .....	Steelman
<b>Alberta:</b>		
British American Oil Company Limited .....	800 Bay St., Toronto, Ontario .....	Various
California Standard Company .....	Medical Arts Bldg., Calgary .....	Nevis, Princess and Sunnynook
Canadian Delhi Oil Ltd. ....	505 - 8th Ave. W., Calgary .....	Buck Lake
Canadian Export Gas & Oil Ltd. ....	736 - 8th Ave. S.W., Calgary .....	Sedalia
Canadian Fina Oil Ltd. ....	736 - 8th Ave. S.W., Calgary .....	Samson and Wildcat
Canadian Industrial Gas Processors Ltd. ....	640 - 7th Ave. S.W., Calgary .....	St. Albert
Canadian Kewanee Ltd. ....	805 - 8th Ave. S.W., Calgary .....	Cessford - Burfield
Canadian-Montana Gas Co. Ltd. ....	Box 1338, Butte, Montana, U.S.A .....	Black Butte
Canadian Oil Companies Ltd. ....	631 - 7th Ave. S.W., Calgary .....	Innisfail
Canadian Pacific Oil & Gas Ltd. ....	Box 400, Calgary .....	Hussar and Wayne-Rosedale
Canadian Propane Consolidated Ltd. (Progas Division) .....	250 Elveden House, Calgary .....	Acheson
Canadian Seaboard Oil Company .....	237 - 7th Ave. W., Calgary .....	Gilby
Canadian Superior Oil Ltd. ....	703 - 6th Ave. S.W., Calgary .....	Harmattan Elkton
Canex Gas Ltd. ....	736 - 8th Ave. S.W., Calgary .....	Cessford and Wood River
Edmonton Liquid Gas Ltd. ....	706 - 7th Ave. S.W., Calgary .....	Bonnie Glen and Pembina
Goliad Oil & Gas Co. Ltd. ....	610 Hudson's Bay Oil & Gas Bldg., Calgary .....	Pembina
Home Oil Company Limited .....	304 - 6th Ave. S.W., Calgary .....	Carstairs and Crossfield
Hudson's Bay Oil and Gas Co. Ltd. ....	320 - 7th Ave. W., Calgary .....	Cessford and Oyen
Imperial Oil Limited .....	111 St. Clair Ave. W., Toronto 7, Ontario .....	Various
Jefferson Lake Petrochemicals of Canada Ltd. ....	410 Petroleum Bldg., Calgary .....	Coleman
Kerr-McGee Oil Industries Inc. ....	Kerr-McGee Bldg., Oklahoma City, Oklahoma, U.S.A. Box 5460, Edmonton .....	Prevo
Mid-Western Industrial Processors Ltd. <sup>1</sup> ....	703 - 5th St. S.W., Calgary .....	Alexander
Murphy Oil Company Ltd. ....	224 - 9th Ave. S.W., Calgary .....	Princess
Okalta Oils Limited .....	444 - 7th Ave. S.W., Calgary .....	Princess
Pan American Petroleum Corporation .....	706 - 7th Ave. S.W., Calgary .....	Windfall and Three Hills
Provo Gas Producers Ltd. ....	Royalite Bldg., Calgary .....	Provo
Royalite Oil Company Limited .....	403 Petroleum Bldg., Calgary .....	Turner Valley
Saratoga Processing Co. Ltd. ....	1027 - 8th Ave. W., Calgary .....	Savanna Creek
Shell Oil Co. of Canada Ltd. ....	309 - 8th Ave. S.W., Calgary .....	Jumping Pound and Waterton
Sohio Petroleum Company .....	Drawer 38, Calgary .....	Chigwell East
Sun Oil Company .....	237 - 7th Ave. W., Calgary, Alta. ....	Countess, Elizabeth, and Shand
Texaco Exploration Company .....	75 East 45th St., New York 17, N.Y., U.S.A. ....	Bonnie Queen, Cynthia
Texas Gulf Sulphur Co. ....		Ottertail
<b>British Columbia:</b>		
Jefferson Lake Petrochemicals of Canada Ltd. ....	410 Petroleum Bldg., Calgary, Alberta .....	Taylor
Pacific Petroleum Ltd. ....	320 - 9th Ave. S.W., Calgary, Alberta .....	Fort St. John, etc.

<sup>1</sup> Operates processing plant, but the firm is not classified to this industry.