

NATURAL GAS AND PETROLEUM.

Natural Gas.—The producing wells in Eastern Canada are in southwestern Ontario, and near Moncton, N.B. The principal producing fields in Alberta are the Turner Valley (about 35 miles southwest of Calgary), Medicine Hat, Viking (about 80 miles southeast of Edmonton), Redcliff, Foremost, Bow Island, and Wetaskiwin. Wainwright is supplied with gas from the Maple Leaf well in the Fabyan field. Near Lloydminster, in Saskatchewan, a well was brought into production during 1934 and is now supplying that town with gas. In 1937, Ontario was credited with about 56 p.c. of the total value but only 33 p.c. of the total quantity, while Alberta produced 41 p.c. by value and 65 p.c. of the total quantity. The production by provinces since 1920 is given in Table 30.

30.—Quantities and Values of Natural Gas Produced in Canada, by Provinces, calendar years 1920-35.

NOTE.—For the years 1892-1919, see "Mineral Production of Canada", 1928, p. 188.

Year.	New Brunswick.		Ontario.		Alberta.		Canada. ¹	
	M cu. ft.	\$	M cu. ft.	\$	M cu. ft.	\$	M cu. ft.	\$
1920.....	682,502	130,506	10,529,374	2,920,731	5,633,442	1,181,345	16,845,518	4,232,642
1921.....	708,743	139,375	8,422,774	3,080,130	4,945,884	1,374,599	14,077,601	4,594,164
1922.....	753,898	148,040	8,060,114	4,076,296	5,868,439	1,622,105	14,682,651	5,846,501
1923.....	640,300	126,068	8,128,413	4,066,244	7,191,670	1,692,246	15,960,583	5,884,618
1924.....	599,972	113,577	7,150,078	3,798,351	7,131,080	1,796,618	14,831,336	5,708,636
1925.....	639,235	122,394	7,143,962	3,958,006	9,119,500	2,752,545	16,902,897	6,833,005
1926.....	648,316	128,300	7,764,996	4,409,593	10,794,697	3,018,221	19,208,209	7,557,174
1927.....	630,755	124,637	7,311,215	4,331,780	13,434,621	3,586,533	21,376,791	8,043,010
1928.....	960,951	324,344	7,632,800	4,535,312	14,288,605	3,754,466	22,582,586	8,614,182
1929.....	678,456	333,002	8,586,475	4,959,695	19,112,931	4,684,247	28,378,462	9,977,124
1930.....	661,975	325,751	7,965,761	5,034,828	20,748,583	4,929,226	29,376,919	10,289,985
1931.....	655,891	323,184	7,419,534	4,635,497	17,798,698	4,067,893	25,874,723	9,026,754
1932.....	662,452	326,191	7,386,154	4,719,297	15,370,958	3,853,794	23,420,174	8,899,462
1933.....	618,033	302,706	7,166,659	4,523,085	15,352,811	3,836,263	23,138,103	8,712,234
1934.....	623,601	306,005	7,682,851	4,741,368	14,841,491	3,707,276	23,162,324	8,759,652
1935.....	615,544	303,886	8,158,828	4,938,084	16,060,349	4,113,436	24,910,786	9,368,141
1936.....	606,246	298,819	10,006,743	6,052,294	17,407,820	4,376,720	28,113,548	10,762,243
1937.....	576,871	233,922	10,746,334	6,588,798	20,955,506	4,766,437	32,380,991	11,674,802
1938 ²	577,492	284,000	10,973,125	6,583,876	21,800,000	4,948,600	38,441,139	11,847,803

¹ Totals for Canada include small productions in Manitoba, Saskatchewan, and Northwest Territories.

² Preliminary figures.

Petroleum.—The Turner Valley field in Alberta is the principal source of production in Canada. The earlier wells in this field give a wet gas from which a very high grade of crude naphtha and casinghead gasoline is obtained. However, in June, 1936, a well on the west flank of the southern end of the Turner Valley field, was brought into production with a heavier grade (44° A.P.I.) of crude oil than that formerly derived from the Turner Valley. The successful completion of this well resulted in much drilling activity on the west flank of the field and other producing wells were completed. Furthermore, the flow of oil was greatly increased by acidation of a number of these wells. Near the end of 1938, a crude well was brought into production nearly 2 miles to the northwest of any previously producing well in the Turner Valley and 17 miles from the most southerly wells of the field. Under present circumstances, the available market being largely localized by high transportation costs, and subject to serious seasonal curtailment in winter, production is under stringent proration regulation and therefore the actual rate of production is much below the potential rate of the wells presently producing, while