

26-006

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

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MONTHLY REPORT

PETROLEUM and NATURAL GAS PRODUCTION IN CANADA - JUNE, 1940

and

GASOLINE SALES IN CANADA - MAY, 1940

CRUDE PETROLEUM - The Canadian output of crude petroleum and natural gasoline amounted to 657,098 barrels in June compared with 676,486 barrels in May and 821,308 barrels in June, 1939 according to a report just issued by the Dominion Bureau of Statistics at Ottawa. During the six months ending June, Canada produced 3,681,029 barrels; in the corresponding months of 1939, the output totalled 3,371,238 barrels.

Alberta's production in June was recorded at 637,973 barrels and consisted of 635,983 barrels from the Turner Valley field, 980 barrels from the Red Coulee field, 844 barrels from the Wainwright-Ribstone field and 166 barrels from the Moose-Dome field. According to the provincial government records, the following wells were completed in Alberta during June:

Foothills #6	on June 9th at 8,140 feet
Royalite #51	on June 17th at 7,413 feet
Alberta Oil Incomes #1.	on June 24th at 6,974 feet

Table 1 - PRODUCTION OF PETROLEUM IN CANADA, BY MONTHS, 1938 - 1940

Month	1940(a)	1939(a)	1938
	Barrels	Barrels	Barrels
January	486,859	533,166	457,506
February	655,586	358,176	413,244
March	570,131	385,273	480,901
April	634,869	559,368	464,418
May	676,486	713,947	566,473
June	657,098	821,308	538,936
July		899,169	701,813
August		795,844	825,546
September		720,866	892,732
October		816,257	688,825
November		731,209	445,640
December		502,920	489,423
TOTAL - CALENDAR YEAR		7,837,503	6,965,457
TOTAL - SIX MONTHS ending JUNE	3,681,029	3,371,238	2,921,478

(a) Compiled from monthly reports and subject to revision.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
LABORATORY OF PHYSICAL CHEMISTRY
CHICAGO, ILLINOIS

RECEIVED
JAN 10 1950

TO THE DIRECTOR
OF THE UNIVERSITY OF CHICAGO

FROM
DR. J. H. DILLON

Enclosed for the Department of Chemistry are two copies of a report on the work done during the past year in the Laboratory of Physical Chemistry. The report is divided into two parts, the first dealing with the work on the properties of the liquid phase of the system, and the second dealing with the work on the properties of the solid phase. The work was done under the direction of Dr. J. H. DILLON.

The work was done during the year 1949-1950, and the results are presented in the report. The work was done in the Laboratory of Physical Chemistry, Department of Chemistry, University of Chicago, Chicago, Illinois.

Very respectfully,
J. H. DILLON

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Table 2 -

PRODUCTION OF PETROLEUM IN CANADA

	MAY 1940(a)	JUNE 1940(a)	JUNE 1939(a)	SIX MONTHS ending JUNE	
	Barrels	Barrels	Barrels	1940(a) Barrels	1939(a) Barrels
NEW BRUNSWICK	2,514	2,274	2,398	6,922	8,103
ONTARIO	16,024	14,690	17,818	91,342	100,986
ALBERTA -					
Turner Valley - Production from limestone oil wells ...	626,659	610,730	765,048	3,378,652	3,040,099
Turner Valley - production from gas wells (separators).	6,927	6,009	5,645	46,315)	190,149
Turner Valley - absorption plants	21,331	18,729	23,633	138,144)	
Turner Valley - shallow crude	661	515	671	3,657	4,370
Red Coulee - light crude	980	980	1,094	5,961	6,757
Wainwright-Ribstone-heavy crude	1,135	844	1,644	5,184	7,068
Taber - heavy crude	225	166	435	2,661	5,826
Moose Dome-Lloydminster					
Steveville-Del Bonita					
fields - heavy crude					
TOTAL ALBERTA (b)	657,918	637,973	798,170	3,580,574	3,254,269
NORTHWEST TERRITORIES (b)..	30	2,161	2,422	2,191	7,880
CANADA	676,486	657,038	821,308	3,681,029	3,371,238

(a) Compiled from monthly reports and subject to revision.

(b) Total well output.

NATURAL GAS - Natural gas production in Canada during June was recorded at 1,667,608 thousand cubic feet; in the preceding month, 2,227,939 thousand cubic feet were produced while in June, 1939 the output was 2,106,482 thousand cubic feet. An increase of 4 per cent was shown in the Canadian production during the first six months of the current year compared with the total for the corresponding period of 1939; the outputs were 20,100,023 thousand cubic feet and 19,329,927 thousand cubic feet, respectively.

Table 3 -

PRODUCTION OF NATURAL GAS IN CANADA(b), BY MONTHS, 1938 - 1940

Month	1940(a)	1939(a)	1938
	M cu.ft.	M cu.ft.	M cu.ft.
January	4,865,120	4,118,179	4,065,837
February	4,220,250	4,114,943	4,047,765
March	3,862,351	3,722,181	3,205,357
April	3,186,755	3,147,608	2,953,524
May	2,227,939	2,120,534	2,143,742
June	1,667,608	2,106,482	1,730,328
July		1,755,544	1,595,755
August		1,889,918	1,771,808
September		2,099,093	1,932,791
October		2,822,445	2,523,472
November		3,482,027	3,381,961
December		4,015,133	4,092,451
TOTAL - CALENDAR YEAR		35,394,087	33,444,791
TOTAL - SIX MONTHS ending JUNE	20,100,023	19,329,927	18,146,553

(a) Subject to revision.

(b) Does not include Turner Valley gas used for repressuring or waste gas burned in the field.

GASOLINE - Table 4 records the monthly sales of gasoline in Canada during 1939 and 1940.

Table 4 - MONTHLY RETAIL SALES OF GASOLINE IN CANADA, 1939 and 1940(a)
(in thousands of gallons)

Month	P. E. Island		Nova Scotia		New Brunswick		Quebec		Ontario	
	1940	1939	1940	1939	1940	1939	1940	1939	1940	1939
January..	83	100	1,785	1,566	1,283	987	6,983	6,758	21,606	19,632
February..	67	73	1,531	1,324	1,171	866	6,405	5,708	20,431	17,675
March ...	64	90	1,848	1,716	1,239	1,025	6,318	6,042	21,211	24,286
April ...	121	107	2,145	1,690	1,332	986	8,213	7,093	26,618	19,857
May	456	432	3,161	2,886	(b)	1,883	13,650	12,635	34,457	32,074
Sub-total	791	802	10,470	9,182		5,747	41,569	38,236	124,323	113,574
June		531		3,202		2,437		14,579		33,165
July		529		3,512		2,884		16,131		36,599
August ..		643		3,989		3,272		17,364		38,917
September		537		3,415		2,846		16,545		36,210
October..		468		3,112		2,496		14,806		32,264
November.		404		2,856		2,030		12,200		28,895
December.		215		2,354		1,480		9,065		25,482
TOTAL ...		4,129		31,622		23,192		138,926		345,106

	Manitoba		Saskatchewan		Alberta		British Columbia		T O T A L	
January..	2,550	1,826	2,607	1,825	3,652	3,586	4,224	3,748	44,773	40,078
February..	2,185	1,301	2,222	836	3,501	2,147	4,177	3,522	41,690	33,452
March ...	2,421	1,520	2,351	1,028	3,922	3,409	4,449	3,950	43,823	43,066
April ...	3,360	2,609	5,777	5,564	3,629	6,536	4,845	4,425	56,040	48,867
May	4,456	3,325	16,177	11,643	10,973	8,020	5,680	5,412	(b)	78,810
Sub-total	14,972	11,081	29,134	20,896	25,677	23,698	23,375	21,057		244,273
June		4,029		7,099		7,086		5,541		77,669
July		4,567		9,359		7,604		6,074		87,252
August ..		5,177		12,452		8,815		6,571		97,200
September		5,197		15,670		9,153		5,717		95,290
October..		4,738		11,389		8,042		5,393		82,708
November.		3,732		6,579		6,229		4,917		67,842
December.		2,934		4,433		4,908		4,554		55,425
TOTAL ...		41,455		87,877		75,535		59,824		807,666

(a) Compiled in the Transportation Branch of the Dominion Bureau of Statistics from returns received from the gasoline tax departments of the Provincial Governments.

(b) Information not available.

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