

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

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

DOMINION BUREAU OF STATISTICS
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MONTHLY REPORT

PETROLEUM and NATURAL GAS PRODUCTION IN CANADA - OCTOBER, 1938.
and
GASOLINE SALES IN CANADA - SEPTEMBER, 1938.

CRUDE PETROLEUM - The Dominion Bureau of Statistics at Ottawa reports that the output of crude petroleum and natural gasoline in Canada during October amounted to 685,088 barrels compared with 836,111 barrels in the preceding month and 542,557 barrels in October, 1937. During the first ten months of the current year Canada produced 6,001,662 barrels; in the corresponding months of 1937 the output totalled 2,245,725 barrels.

The Alberta production in October was recorded at 667,454 barrels made up of 663,578 barrels from the Turner Valley field, 1,107 barrels from the Red Coulee field, 1,101 barrels from the Wainwright-Ribstone field, 1,263 barrels from the Taber field, and 400 barrels from the Moose-Dome field. Provincial government records show the completion of the following wells in the Turner Valley field during October:-

- Brown #5 on October 5th at 7,146 feet
- Consolidated #1 on October 10th at 7,936 feet
- Richwell #1 on October 14th at 7,132 feet
- Davies #4 on October 19th at 7,232 feet
- Royal Canadian #2 on October 23rd at 7,185 feet

Exports of petroleum and its products from Canada in October were valued at \$147,610 compared with the September export valuation of \$57,319.

Petroleum, asphalt and their products imported into Canada during October were valued at \$5,624,437 or 15 per cent below the preceding month's total of \$6,619,070. Crude petroleum importations in October amounted to 127,575,142 imperial gallons and consisted of 88,695,142 imperial gallons from the United States, 24,274,000 imperial gallons from Colombia, 8,074,000 imperial gallons from Venezuela, and 6,530,000 imperial gallons from Peru.

Table 1 - PRODUCTION OF PETROLEUM IN CANADA, BY MONTHS, 1936 - 1938.

Month	1938(a)	1937	1936
	Barrels	Barrels	Barrels
January	457,408	141,135	120,261
February	413,158	154,025	106,973
March	480,803	176,721	116,611
April	464,316	188,069	109,104
May	566,036	192,936	114,297
June	537,654	209,727	114,141
July	693,332	244,931	142,404
August	817,706	291,641	142,572
September	836,111	303,983	135,684
October	685,088	542,557	137,004
November		341,627	129,152
December		408,681	159,728
TOTAL - CALENDAR YEAR		2,996,035	1,507,931
TOTAL - TEN MONTHS ending OCTOBER	6,001,662	2,245,725	1,269,051

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

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Table 2 - PRODUCTION OF PETROLEUM IN CANADA

	SEPTEMBER			TEN MONTHS ENDING	
	1958(a)	OCTOBER	OCTOBER	OCTOBER	
	1958(a)	1933(a)	1937	1938(a)	1937
	Barrels	Barrels	Barrels	Barrels	Barrels
NEW BRUNSWICK	3,261	3,119	3,653	21,239	20,162
ONTARIO	14,911	14,515	13,181	138,394	138,854
ALBERTA -					
Turner Valley - production from lime-					
stone	362,415	362,761	322,237	5,792,220	2,042,495
Turner Valley - shallow crude	316	317	923	7,578	8,806
Red Coulee - light crude	1,792	1,107	1,153	12,133	11,448
Wainwright-Ribstone - heavy crude	1,141	1,101	1,425	14,356	11,989
Taber - heavy crude	1,514	1,263	...	13,426	600
Moose-Dome - heavy crude	463	400	...	2,266	...
TOTAL ALBERTA (b)	867,959	667,454	325,723	5,842,029	2,075,338
CANADA	886,111	685,088	342,557	6,001,662	2,245,725 ^(c)

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

(b) Total well output.

(c) Includes output from Northwest Territories.

Table 3 - IMPORTS OF CRUDE PETROLEUM INTO CANADA during SEPTEMBER and OCTOBER, 1938.

	SEPTEMBER	OCTOBER
	Imperial gallons	Imperial gallons
Nova Scotia	16,077,000	10,663,000
New Brunswick .....	...	...
Quebec	116,512,000	75,473,162
Ontario	35,101,000	26,524,000
Manitoba	660,692	398,586
Saskatchewan	433,471	358,546
Alberta	1,699,792	1,085,848
British Columbia	13,360,000	13,070,000
TOTAL	184,393,955	127,573,142

NATURAL GAS - Natural gas production in Canada during October advanced to 2,503,641 thousand cubic feet from the preceding month's output of 1,916,529 thousand cubic feet. The October, 1937, total was 2,554,787 thousand cubic feet. Production during the ten months ending October totalled 25,748,091 thousand cubic feet compared with 24,726,642 thousand cubic feet a year ago.

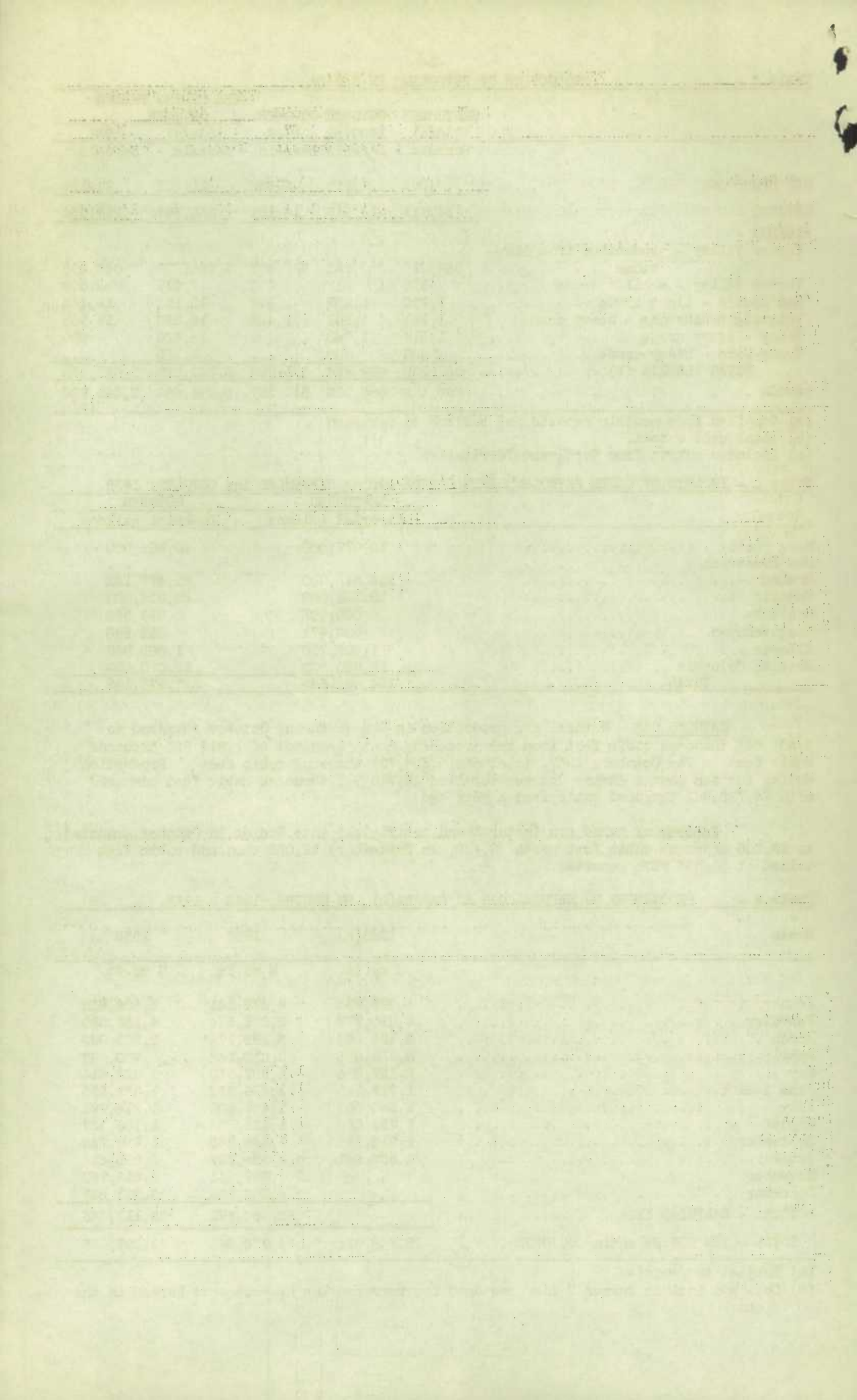
Imports of mixed gas (natural and artificial) into Canada in October amounted to 13,295 thousand cubic feet worth \$8,416; in September, 13,065 thousand cubic feet valued at \$8,335 were imported.

Table 4 - PRODUCTION OF NATURAL GAS IN CANADA(b), BY MONTHS, 1936 - 1938.

Month	1938(a)	1937	1936
	M cu.ft.	M cu.ft.	M cu.ft.
January	4,025,936	4,476,141	3,494,610
February	4,010,772	3,821,554	4,158,389
March	3,175,266	3,186,773	2,943,088
April	2,928,521	2,613,142	2,500,059
May	2,127,894	1,907,939	1,822,614
June	1,717,143	1,495,852	1,332,595
July	1,535,803	1,407,809	1,216,095
August	1,753,586	1,428,900	1,184,327
September	1,916,529	1,833,745	1,520,748
October	2,503,641	2,554,787	2,035,414
November .....	...	5,347,444	2,613,760
December .....	...	4,306,905	3,291,649
TOTAL - CALENDAR YEAR .....	...	32,380,991	28,113,348
TOTAL - TEN MONTHS ending OCTOBER	25,748,091	24,726,642	22,207,239

(a) Subject to revision.

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



GASOLINE - Table 5 records the monthly sales of gasoline in Canada during 1937 and 1938. In Table 6 the imports into Canada and exports of gasoline during September and October, 1938, are shown.

Table 5 - MONTHLY RETAIL SALES OF GASOLINE IN CANADA, 1937 and 1938. (a)
(in thousands of gallons)

Month	P. E. Island		Nova Scotia		New Brunswick		Quebec		Ontario	
	1938	1937	1938	1937	1938	1937	1938	1937	1938	1937
January ...	55	128	1,367	1,330	857	811	5,650	5,795	17,507	17,786
February ..	49	72	1,204	1,182	794	711	5,462	5,306	17,451	16,357
March	46	88	1,501	1,387	1,030	985	6,275	5,921	21,446	20,381
April	114	195	1,863	1,787	1,068	965	8,916	7,693	26,143	22,883
May	396	332	2,808	2,812	1,967	1,844	12,728	11,366	30,891	29,293
June	481	399	3,099	3,045	2,461	2,424	14,147	13,901	32,711	31,698
July	494	447	3,264	3,501	2,720	2,901	15,269	15,173	35,755	35,717
August	569	471	3,703	3,660	3,095	3,075	16,772	15,867	38,424	36,729
September ..	495	414	3,171	3,171	(d)	2,727	14,735	14,747	33,993	33,899
Sub-total.	2,699	2,546	21,980	21,875	(d)	16,413	99,954	95,769	254,321	244,737
October ...		368		2,749		2,393		13,121		30,539
November ..		322		2,505		1,873		11,136		27,249
December ..		184		2,030		1,268		8,369		22,334
TOTAL ...		3,420		29,159		21,947		128,395		324,859

	Manitoba	Saskatchewan	Alberta (b)	British Columbia	T O T A L
January ...	1,542	1,541	1,022	906	3,926
February ..	1,287	1,149	669	693	2,917
March	1,697	1,323	875	1,198	4,618
April	2,686	1,876	4,006	4,442	5,217
May	3,379	2,916	9,170	6,182	8,103
June	3,923	3,523	8,248	5,716	7,520
July	4,129	3,921	7,174	5,294	6,018
August	4,901	4,282	8,449	6,059	8,341
September ..	5,059	4,876	10,872	5,582	9,120
Sub-total.	28,603	25,207	50,435	36,057	55,580
October ...		3,952		4,581	
November ..		3,264		3,712	
December ..		2,213		1,928	
TOTAL ...		34,636		46,278	
					75,166(c)
					54,775
					718,635

(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) Includes diesel oil to March 31, 1938.

(c) Includes 9,430,126 gallons consisting largely of heavy oil and kerosene.

(d) Data not available.

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Table 6 - IMPORTS INTO CANADA and EXPORTS OF GASOLINE - SEPTEMBER AND OCTOBER, 1938.

	Gasoline, lighter than .8236 specific gravity at 60° temperature		Natural casinghead com- pression or absorption gasoline lighter than .6690 specific gravity at 60° temperature	
	SEPTEMBER	OCTOBER	SEPTEMBER	OCTOBER
<u>IMPORTS -</u>				
Nova Scotia Imp. gal.	...	8,559	...	...
	\$
New Brunswick Imp. gal.	7,033	7,662	...	...
	\$	1,168	...	...
Quebec Imp. gal.	1,084,629	3,295,377	530,608	...
	\$	68,249	...	...
Ontario Imp. gal.	551,805	2,610,058	87,854	47,402
	\$	44,096	...	...
Manitoba Imp. gal.	55,182	48,520	126,452	100,358
	\$	4,100	...	...
Saskatchewan Imp. gal.	266,340	214,029	...	...
	\$	20,358	...	...
Alberta Imp. gal.	1,255,160	1,222,256	141,310	182,826
	\$	95,602
British Columbia . Imp. gal.	567,916	411,454	1,089,498	355,472
	\$	72,024
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CANADA Imp. gal.	3,788,065	7,818,175	1,975,722	686,058
	\$	305,597	126,864	50,949
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<u>EXPORTS -</u>				
		<u>SEPTEMBER</u>		<u>OCTOBER</u>
		<u>Imp. gal.</u>	<u>\$</u>	<u>Imp. gal.</u>
				<u>\$</u>
Gasoline and naphtha	13,089	2,537	651,301	67,328
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