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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

MAY 1963

Output of crude petroleum in Canada during May 1963, amounted to 20,701,599 barrels, compared with 18,917,087 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	May 1962	April 1963	May 1963	Year to date	
				1962	1963
				barrels of 35 Imperial gallons	
New Brunswick	923	234	681	4,514	3,445
Ontario	95,014	102,573	104,269	454,700	481,656
Manitoba	338,963	307,660	317,183	1,648,414	1,502,601
Saskatchewan	5,241,577	5,484,831	5,831,378	25,284,949	28,339,579
Alberta	13,573,784	12,063,883	13,258,187	72,043,757	71,138,707
British Columbia	748,722	906,079	1,163,617	3,118,315	5,223,490
Northwest Territories	24,515	51,827	26,284	224,771	220,478
Canada	20,023,498	18,917,087	20,701,599	102,779,420	106,909,956

TABLE 2. Production(1) of Crude Petroleum, by Months, 1962 and 1963

Month	1962	1963 ^r
	in barrels	
January	22,032,684	22,711,354
February	20,282,458	21,255,941
March	21,830,670	23,323,975
April	18,610,110	18,917,087
May	20,023,498	20,701,599
Total five months	102,779,420	106,909,956
June	18,147,534	
July	20,063,927	
August	20,876,132	
September	20,669,592	
October	20,600,891	
November	19,679,365	
December	21,322,196	
Totals	244,139,057	

(1) These figures exclude items listed in Tables 8 and 9. See footnote to Table 9.
^r Revised figures.

Industry Division

October 1963
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TABLE 3. Production of Crude Petroleum in Manitoba, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daly	60,595	56,393	288,432	273,106
Virden-Roselea	99,103	90,964	480,424	429,554
North Virden Scallion ...	117,349	110,752	577,473	510,459
Other Areas	62,051	59,074	301,947	289,478
Total Crude Oil	339,098	317,183	1,648,276	1,502,597

TABLE 4. Production of Crude Petroleum in Saskatchewan, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard	342,193	418,818	1,781,448	1,966,096
Midale	453,204	531,711	2,117,969	2,487,058
Nottingham	252,397	229,582	1,227,031	1,186,555
Steelman	740,068	785,449	3,688,997	3,963,131
Weyburn	1,135,961	1,196,234	5,416,282	5,771,539
Other Areas	2,302,914	2,669,584	11,083,879	43,666,430
Total Crude Oil	5,226,737	5,831,378	25,315,606	28,292,051

TABLE 5. Production of Crude Petroleum in Alberta, by Fields

Field	May		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen	638,736	519,311	4,456,658	3,512,912
Fenn Big Valley	516,990	431,282	2,788,831	2,504,805
Golden Spike	311,239	291,801	2,114,954	1,808,420
Joffre	314,803	343,350	1,805,046	1,658,314
Judy Creek	470,134	645,717	2,235,985	2,625,879
Leduc-Woodbend	1,074,448	951,838	5,568,760	5,110,677
Pembina	3,161,487	3,188,037	15,819,523	16,569,665
Redwater	1,441,803	1,190,385	8,249,927	7,329,582
Swan Hills	994,768	1,077,721	4,978,220	5,373,669
Wizard Lake	364,083	268,583	2,272,266	1,945,911
Other Areas	4,285,293	4,350,162	21,753,587	22,698,873
Total Crude Oil	13,573,784	13,258,187	72,043,757	71,138,707

TABLE 6. Production(1) of Natural Gas, by Months, 1962 and 1963

Month	1962	1963
	M. cu. ft. (14.65 psia, 60° F)	
January	85,314,153	108,066,398
February	82,863,607	94,754,872
March	84,123,245	98,481,750
April	72,764,071	91,145,898
May	72,755,363	87,290,519
Total five months	397,820,439	479,739,437
June	68,067,854	
July	69,356,824	
August	71,955,854	
September	74,457,263	
October	82,672,333	
November	85,534,472	
December	96,994,681	
Totals	946,859,720	

(1) Does not include waste gas burned in the field.

TABLE 7. Production of Natural Gas, by Province, 1963

Month	New Brunswick	Ontario	Saskat- chewan	Alberta	British Columbia	North- west Terri- tories	Canada
	M. cu. ft. (14.65 psia, 60° F)						
January	10,661	2,074,673	4,768,585	88,889,642	12,316,764	6,073	108,066,398
February ...	12,118	2,939,220	3,912,535	77,668,925	10,215,602	6,472	94,754,872
March	13,297	1,690,671	3,547,617	81,668,221	11,555,929	6,015	98,481,750
April	8,790	988,825	2,778,702	76,989,647	10,374,001	5,933	91,145,898
May	7,409	820,846	3,055,630	73,926,624	9,478,462	1,548	87,290,519
Total five months	52,275	8,514,235	18,063,069	399,143,059	53,940,758	26,041	479,739,437

TABLE 8. Production of Natural Gas by-Products, in Canada, 1963

Month	Pentanes plus(1)	Propane	Butane
		barrels	
January	1,856,233	408,816	324,828 ^r
February	1,646,214	481,692	283,203
March	1,921,686	368,969	306,890
April	1,767,793	317,960	248,147
May	1,670,702	354,298	235,665
Total five months	8,862,628	1,931,735	1,398,733

(1) See footnote to Table 9.

^r Revised figures.



TABLE 9. Production of Natural Gas by-Products, by Provinces, May 1963

Province	Pentanes plus(1)	Propane	Butane
		barrels	
Saskatchewan	20,782	47,947	26,343
Alberta	1,581,109	272,733	170,145
British Columbia	68,811	33,618	39,177
Canada	1,670,702	354,298	235,665

(1) "Pentanes plus" replaces the former categories "field condensate", "plant condensate" and "natural gasoline". This change has been made in conformity with amendments to the Alberta Oil and Gas Conservation Act as summarized in the letter attached to the June 1963 monthly report, "Alberta Oil and Gas Industry":

"The liquid hydrocarbons consisting of pentanes and heavier hydrocarbons recovered from natural gas were formerly defined as "field condensate", "plant condensate" and "natural gasoline". Field condensate included condensate actually recovered in field stock tanks and the portion of condensate recovered in a plant which would have been recovered in the field if separators and stock tanks had been installed.

"As a result of the new definitions, the liquid hydrocarbons recovered from a gas stream in field separation facilities and stored and sold from field stock tanks are now called "condensate". All liquid hydrocarbons, other than propane and butanes, recovered in gas processing plants are now called "pentanes plus".

"Condensate recovered and sold from field facilities is reported in barrels in a manner identical to crude oil. The gas produced with the condensate is measured and reported on an "after separation" basis. Liquid hydrocarbons which are delivered to the gas processing plant with the gas are not separately reported but are converted to an equivalent gas volume and included in the reported production of raw gas."

Condensate as now defined is included in crude petroleum for 1963 in Tables 1, 2 and 5.