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CRUDE PETROLEUM AND NATURAL GAS PRODUCTION

JUNE 1963

Output of crude petroleum in Canada during June 1963, amounted to 20,881,996 barrels, compared with 20,701,599 barrels in the previous month.

TABLE 1. Production(1) of Crude Petroleum

Province	June 1962	May 1963	June 1963	Year to date	
				1962	1963
barrels of 35 Imperial gallons					
New Brunswick	809	681	475	5,323	3,920
Ontario	90,652	104,269	100,679	545,352	582,335
Manitoba	334,934	317,183	311,849	1,983,348	1,814,450
Saskatchewan	5,308,748	5,831,378	5,355,753	30,593,697	33,695,332
Alberta	11,750,467	13,258,187	13,957,179	83,794,224	85,095,886
British Columbia	621,433	1,163,617	1,106,745	3,739,748	6,330,235
Northwest Territories	40,491	26,284	49,316	265,262	269,794
Canada	18,147,534	20,701,599	20,881,996	120,926,954	127,791,952

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

Month	1962	1963
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
June	18,147,534	20,881,996
Total six months	120,926,954	127,791,952
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.

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

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Daily	60,081	52,841	348,513	325,947
Virden-Roselea	96,773	85,346	577,197	514,900
North Virden Scallion ...	113,353	111,126	690,879	621,585
Other Areas	64,642	62,536	366,589	352,316
Total crude oil	334,849	311,849	1,983,178	1,814,748

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

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Dollard	399,455	376,915	2,180,903	2,343,011
Midale	432,354	531,303	2,550,323	3,018,361
Nottingham	249,114	196,534	1,476,145	1,383,089
Steelman	692,971	638,571	4,381,968	4,601,702
Weyburn	1,069,450	1,130,510	6,485,732	6,902,049
Other Areas	2,481,934	2,481,920	13,565,813	15,399,592
Total crude oil	5,325,278	5,355,753	30,640,884	33,647,804

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

Field	June		Year to date	
	1962	1963	1962	1963
barrels of 35 Imperial gallons				
Bonnie Glen	424,827	656,654	4,881,485	4,169,566
Fenn Big Valley	380,611	508,372	3,169,442	3,013,177
Golden Spike	195,448	26,335	2,310,402	1,834,755
Joffre	359,969	323,656	2,165,015	1,981,970
Judy Creek	423,962	617,230	2,659,947	3,243,109
Leduc-Woodbend	893,457	1,005,729	6,462,217	6,116,406
Pembina	2,967,617	3,257,559	18,787,140	19,827,224
Redwater	1,090,087	1,384,868	9,340,014	8,714,450
Swan Hills	894,400	1,116,615	5,872,620	6,490,284
Wizard Lake	226,817	354,166	2,499,083	2,300,077
Other Areas	3,893,272	4,705,995	25,646,859	27,404,865
Total crude oil	11,750,467	13,957,179	83,794,224	85,095,886

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
June	68,067,854	78,867,128
Total six months	465,888,293	558,606,565
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	Saskatchewan	Alberta	British Columbia	North- west Territories	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
June	6,664	780,749	2,735,111	67,182,909	8,154,939	6,756	78,867,128
Total six months	58,939	9,294,984	20,798,180	466,325,968	62,095,697	32,797	558,606,565

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
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
June	1,539,119	340,220	227,654
Total six months	10,401,747	2,271,955	1,626,387

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

Province	Pentanes plus(1)	Propane	Butane
		barrels	
Saskatchewan	20,848	45,434	24,900
Alberta	1,462,802	264,402	165,861
British Columbia	55,469	30,384	36,893
Canada	1,539,119	340,220	227,654

(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 production of raw gas."

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