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SYMBOLS

The following standard symbols are used in
Dominion Bureau of Statistics publications:

.. figures not available.

... figures not appropriate or not applicable.

- nil or zero.

-- amount too small to be expressed.

P preliminary figures.

r revised figures.

In order to implement fully the uniform concepts of the Standard Industrial Classification, the Dominion Bureau of Statistics in co-operation with the Canadian Petroleum Association, has undertaken a major revision of statistics affecting the exploration and production activities of the oil and gas companies operating in Canada. All companies in the industry supplied data covering their expenditures by function, payroll and employment. In addition, in 1965 and again in 1968 nineteen major companies were surveyed in detail on all aspects of their operations. Detailed data were collected from these nineteen companies covering salaries and wages, materials and supplies, payment to contractors and total expenditures for both current and capital operations. The data in this report were compiled using the 1968 special survey along with current 1968 data from all companies in the Oil and Gas - Exploration, Development and Production Industry (S.I.C. 064). This industry includes Petroleum and Gas Wells (S.I.C. 063) and Natural Gas Processing Plants (S.I.C. 065), as defined in the Standard Industrial Classification Manual (Catalogue No. 12-501). Oil Shale and Bituminous Sand Pits Industry (S.I.C. 066) is excluded from the principal statistics, but synthetic crude oil production is included in the commodity tables. The following are concepts and definitions which have been used in this report and which will be used in succeeding publications.

Producing activity is defined as that activity in which expenditures are made by the company for the direct operation of producing facilities. These include gas processing plants, gas gathering lines, operated by the producers and the crude oil and natural gas well, well head and flow line facilities. Gas and oil gathering lines operated by gas and oil pipe line industries are included in Industry (S.I.C. 515), and data on this industry are published annually in Gas Utilities (Catalogue No. 57-205) and Oil Pipe Line Transport (Catalogue No. 55-201).

Total activity includes the producing activity plus an extension of the data for other non-producing activities that the establishment might be engaged in. Generally speaking these are the geological and geophysical activities although some companies have other small miscellaneous activities such as real estate or other operations. By definition "total activity" relates to all operational activity but excludes such non-operational data items as rent, interest and dividends.

The basic reporting unit is the "establishment" which is defined as the smallest unit which is a separate operating entity and capable of reporting all of the basic industrial statistics:

Materials and supplies used
Goods purchased for resale - as such
Fuel and power consumed
Number of employees and their pay
Inventories
Shipments or sales

In the oil and gas industry the smallest reporting unit is the provincial operations of the company, including all its oil and gas wells, processing plants and exploration activities. For example, a large company operating in Alberta, Saskatchewan and Ontario would have three establishments. Companies may also have separate marketing or other establishments not coded to the Crude Petroleum and Natural Gas Industry but coded to trade, construction, etc. The employees are generally located in head offices or regional offices within a province, and the staff work out of these offices in various field locations which change as the industry discovers, evaluates and develops various oil and gas fields.

Companies included in the Crude Petroleum and Natural Gas Industry explore for and produce crude petroleum, natural gas, propane, butane, sulphur and helium, either directly from the fields or from gas processing plants. That is, the establishment boundary includes within it the facilities of the gas processing plants, the oil and gas fields, geological and geophysical exploration, and head office work for the above purposes as well as those carried on directly by these companies, and for such other ancillary services as are required to maintain such exploration or producing programmes. Although a company may be engaged in all phases of the industry, it may not necessarily be engaged in all phases in any one province. Refining and marketing activities of oil companies are not included in S.I.C. 064, but are coded to separate industries. It should be carefully noted that the companies engaged in geological and geophysical consulting, or as contractors, are not included in the S.I.C. 064 Crude Petroleum and Natural Gas Industry.

In our statistical publications, expenditures of the industry are segregated between those which are of a capital nature and those which are operational. The primary purpose of this report is to make available operational type data, while the basic statistics on capital expenditures are published by the Business Finance Division in Private and Public Investment in Canada, Catalogue No. 61-205. However, in order to present a complete picture in one report, statistics on capital formation are included here. Because of accounting practices in this industry, uniformity of definitions of capital and current expenditures are difficult to attain. As a result it has been necessary to define those items which are capital and those items which are current. In concert with the total cost accounting techniques and principles being developed in this industry, we have defined as capital, those expenditures for drilling (both exploratory and development), as well as the construction of oil and gas well facilities and other works of a permanent nature. In addition we treat land and land lease acquisition expenditures as capital in nature although they are not treated as "capital formation" for National Accounts purposes. Expenditures on geological and geophysical activity, field and well operations, natural gas plant operation, and other operating expenses such as land departments, taxes, royalties, etc., are, as may be expected, treated as current expenditures (see Tables 5 and 6).

Electricity

Data refers to amounts purchased and used, with costs being delivered costs at plant and/or field. Electricity produced by establishments for internal consumption is not included in electricity purchases.

Contractor and Service Payments

These expenditures consist of payments made to geological and geophysical contract companies or to other contractors a company may hire for road grading, carpentry, etc. In addition, all the service costs of a company such as automobile leasing, telephone expenditures, insurance, service costs at producing wells, consulting services, etc. are included.

Employment, Man-Hours, Salaries and Wages

Employees include salaried management, professional, technical and administrative personnel, plus production, field, plant and related workers, which comprise both the producing and non-producing activities.

Production and related workers are reported as those receiving pay during the last pay period in the respective month. The numbers are somewhat affected by turnover, in that employment may be overstated when an employee changes employment in the middle of a pay period.

Man-hours of production and related workers in producing activities represent total man-hours paid (total hours at work during the calendar year plus hours not worked but nevertheless paid for, such as paid vacations, sick leave, statutory holidays, etc.). In reporting overtime hours, respondents are requested to report only hours actually at work. It should be noted that the division of hours paid into production and related workers payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour.

Salaries and Wages (Tables 1, 9 and 10) refer to gross earnings of all employees before deductions for income tax and employees' contributions to social services such as sickness, accident and unemployment insurance, pensions, etc. They include all salaries, wages and bonuses, profits shared with employees, commissions (paid to regular employees only), as well as any other allowance forming part of the worker's earnings. Payments for overtime are included. They do not include the company share of benefit plans.

In addition to salaries and wages as provided in Tables 1, 9 and 10, data are provided which allocate salaries and wages by function, by province (Table 5 and the drilling sector of Table 6). These salaries and wages include, in addition to the employee's portion of benefit plans, etc., the company's share of benefits paid, such as workmen's compensation, health plans, pension plans, etc., but exclude salaries and wages paid for capital works which are included in Table 10. The basis of allocation to province is different in the two series. Employees working in Calgary on a Saskatchewan project are charged to Saskatchewan operations; however, salaries and wages in Tables 1, 9 and 10 are those paid by the province of location of the employee (in this case Alberta).

Definitions

Production

Gross New Production - All new production, excluding reproduction from field storage, as measured at the first well head metering point.

Net New Production - "Gross New Production" after the deduction of flared field production. It is the production that is available for further processing, sale, storage, field uses, etc.

Production Net Withdrawals - "Net New Production" plus reproduction from field storage, less the amount of gas or oil that is reinjected into field pools or storage. For valuation purposes, shrinkage is deducted from the volume.

Marketable Production - The production of gas, oil, propane, butane, etc., which is produced and available for market; i.e. the production of natural gas products produced by gas processing plants after processing plant uses, losses and shrinkage, the sales of natural gas from dry gas fields after field use, losses, reinjection, etc., or the production for sale of crude oil after field use and losses, reinjection, etc., but before inventory changes.

Shipments

The quantity and value of the marketable production that has actually been shipped. The differences between shipments and marketable production are inventory changes which may occur because a company may produce and accumulate or draw down inventories.

Materials and Supplies used in Producing Activities

Data provided in Table 5 represent quantities at laid down cost to the establishment, of materials, supplies, chemicals, explosives and components consumed during the year in producing activities. In the oil and gas industry it is not practical to estimate the amount of materials that are used as fuel, since this amount represents only a small part of the total energy requirements of the industry and company accounting records do not provide this breakdown. For this reason the amount of fuel purchased and used is shown as a component of materials and supplies. The statistics represent only commodity items or physical goods (costs of services or overhead charges such as advertising, insurance, depreciation, etc. are not included) whether purchased from others or received as transfers (in the form of materials, components or semi-processed goods) from other establishments of the reporting company. Respondents were requested to report materials and supplies used, not purchased. Included are repair and maintenance supplies not chargeable to fixed assets accounts. Also included is the cost of office supplies not chargeable to fixed assets accounts and the cost of such other items of materials and supplies used as food, beverages and supplies for establishment operated cafeterias and lunch counters, first aid medical supplies, laboratory supplies, etc.

Value Added

(a) By production activities:

Is defined as the value of marketable production less materials and supplies purchased, fuel and electricity consumed in the production of hydrocarbons, sulphur, etc.

(b) By total activity:

Consists of the value added by production activities given above plus the value added by other activities and capital formation. In practice this is represented by the establishment's salary and wage component of the capitalized value of these assets less the cost of materials and supplies used in geological and geophysical operation. In the event there is a small value of production and large geological and geophysical operations it is evident a negative value added would result.

Survey Results

In 1968 the value of marketable production (including synthetic crude) of the Crude Petroleum and Natural Gas Industry amounted to \$1,375,995,000, an increase of 11.8% over 1967. Crude oil and field condensate amounted to \$936,731,000 an increase of 8.1%; natural gas \$210,289,000, an increase of 13.8%; natural gas processing plant products (that is pentanes plus, propane, butanes and sulphur) \$228,975,000, up 27.3% over 1967 values.

For reasons of confidentiality of individual company data it is not possible to provide the value of marketable production, by commodity, by province. However, Table 1 shows the total value of marketable production of all commodities at the provincial level. The value of shipment for each hydro-carbon commodity (i.e. with sulphur excluded) by province, is shown in Table 3. In 1968, Alberta maintained its dominance in terms of the value of shipments of hydrocarbon products, with \$952,168,000 or 74.9% of the national figure of \$1,270,348,000.

The total number of employees in the industry in Canada increased from 13,113 in 1967 to 13,611, but the relative percentage employed in each occupational group remained much the same. In 1968, management accounted for 5.4% of the total work force; professional categories 23.4%; specialists, technical, clerical and administrative 45.7%; field, plant and related workers 25.5%. Total salaries and wages paid during 1968 increased to \$123,412,000 from \$111,855,000 reported in 1967, up 10.3%. Alberta had 89.0% of the total employees and paid 90.1% of the total salaries and wages, due in part to a large number of companies maintaining head offices in Alberta.

Operating expenditures rose from \$626,664,000 in 1967 to \$724,895,000 in 1968, an increase of 15.7%. During the current year, royalty payments accounted for 22.7% of the total; geological and geophysical expenditures 20.8%; field and well operations 19.4%; retention costs 14.1%; natural gas processing plants 7.9%; interest expense 7.6%; all other expenditures 7.5%.

Capital expenditures increased 1.6% from \$548,850,000 in 1967 to \$557,557,000 in 1968. Exploratory and development drilling accounted for 42.4% of the total capital expenditures in 1968; natural gas processing plants 16.3%; tangible well and lease equipment 11.7%; secondary recovery facilities 3.3%; other buildings and machinery 3.0%; pipe lines and related equipment 1.9%. Land sites purchased for construction purposes and land acquisition (includes cash bonuses paid for Crown permits, reservations and leases) accounted for 21.4% of the total capital expenditures, but are not considered as part of "capital formation" for National Accounts purposes.

Value added for total activity by the industry in 1968 was \$1,312,414,000, an increase of 10.3% over 1967.

TABLE 1. Principal Statistics(1) for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), by Province, 1961-68

Basis: Revised Standard Industrial Classification and New Establishment Concept

Year and province	Estab-lish-ments	Producing activity							Total activity				
		Production and related workers			Cost of elec-tricity	Cost of materials, supplies and fuel	Value of marketable production	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000				\$'000			\$'000			\$'000
<u>1961</u>													
Total	632	3,464	7,334	18,338	9,903	15,218	608,801	583,680	-	-	11,184	71,179	598,902
<u>1962</u>													
Total	621	3,490	7,396	19,542	11,237	18,180	748,561 ^F	719,144 ^F	-	-	11,232	75,325	730,799 ^F
<u>1963</u>													
Total	624	3,378	7,075	19,280	13,334	21,331	818,457	783,792	-	-	11,237	76,012	796,444
<u>1964</u>													
Total	640	3,302	7,236	18,884	13,531	22,171	903,573	867,871	-	-	11,242	77,306	880,828
<u>1965</u>													
Total	675	3,262	7,050	19,689	14,080	23,724	978,135	940,331	-	-	11,817	84,687	953,469
<u>1966</u>													
Total	648	3,375	7,026	21,914	12,952	29,159	1,092,535	1,050,424	-	-	12,378	95,997	1,053,395
<u>1967</u>													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	9	6	12	23	-	12	100	88	-	-	6	23	85
Quebec	10	-	-	-	-	-	9	9	-	-	6	35	7
Ontario	76	163	345	996	127	137	8,955	8,691	-	-	261	1,902	8,820
Manitoba	59	43	92	287	286	295	13,998	13,417	-	-	66	439	13,466
Saskatchewan	163	537	1,185	3,680	5,240	5,568	220,292	209,484	-	-	966	7,555	209,259
Alberta	233	2,558	5,332	18,977	7,800	24,380	913,519	881,339	-	-	11,274	97,388	887,609
British Columbia	105	232	484	1,879	-	1,916	71,925	70,009	-	-	506	4,250	70,751
Yukon, Northwest Territories and Arctic Islands	68	11	20	101	-	107	888	781	-	-	12	114	252
Off Shore and Hudson Bay	22	1	2	6	-	-	-	-	-	-	16	149	(382)
Total	745	3,551	7,472	25,949	13,453	32,415	1,229,686	1,183,818	-	-	13,113	111,855	1,189,867
<u>1968</u>													
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island	-	-	-	-	-	-	-	-	-	-	-	-	-
Nova Scotia	-	-	-	-	-	-	-	-	-	-	-	-	-
New Brunswick	12	6	13	24	-	10	106	96	-	-	6	24	103
Quebec	11	-	-	-	-	2	20	18	-	-	17	147	12
Ontario	81	127	266	920	105	133	7,766	7,528	-	-	202	1,731	7,550
Manitoba	60	37	74	256	229	345	15,570	14,996	-	-	59	425	14,991
Saskatchewan	165	482	1,044	3,519	5,569	6,473	216,630	204,588	-	-	755	6,022	204,136
Alberta	245	2,542	5,513	20,673	9,070	28,051	1,039,521	1,002,400	-	-	12,120	111,149	1,007,380
British Columbia	115	246	504	2,124	-	2,228	79,714	77,486	-	-	376	3,277	77,705
Yukon, Northwest Territories and Arctic Islands	99	26	56	243	-	42	925	883	-	-	44	375	799
Off Shore - East Coast	14	1	1	5	-	-	-	-	-	-	4	33	(277)
Off Shore - Hudson Bay	9	-	-	-	-	-	-	-	-	-	-	-	(7)
Off Shore - West Coast	3	-	-	1	-	-	-	-	-	-	28	229	22
Total	814	3,467	7,471	27,765	14,973	37,284	1,360,252	1,307,995	-	-	13,611	123,412	1,312,414

(1) Excludes establishments engaged in synthetic crude oil operations.

TABLE 1. Marketable Production and Values for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1964-68

Products		1964		1965		1966		1967		1968	
		Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000
Crude oil	bbl.	274,478,567	673,965	291,511,591	716,899	319,568,079	786,718	349,800,855	862,901	372,677,839	918,784
Synthetic crude oil	bbl.	—	—	—	—	—	—	454	1,247	5,724,738	15,743
Condensate and pentanes plus	bbl.	25,264,469	64,127	27,867,535	71,084	29,345,907	75,804	30,737,226	78,818	32,962,017	88,494
Natural gas(1)	Mcf.	944,280,103	134,551	1,028,866,006	147,388	1,106,641,641	164,642	1,217,172,423	184,732	1,383,871,769	210,289
Propane	bbl.	5,761,359	7,269	9,897,945	12,532	12,355,015	17,446	14,115,609	23,548	15,544,903	23,870
Butanes	bbl.	5,295,774	7,235	6,376,637	8,379	7,976,268	10,720	9,018,922	12,727	9,898,288	13,999
Sulphur	long ton	1,460,423	16,426	1,572,691	21,853	1,706,019	37,189	2,190,278	66,960	3,030,329	104,816
Total value			903,573		978,135		1,092,519		1,230,933		1,375,995

(1) Includes value of helium.

TABLE 3. Value of Shipments of Hydrocarbon Products for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968

Products	Canada		New Brunswick		Quebec		Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Northwest Territories	
	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000
Crude oil	bbl.	372,689,361	918,761	10,214	14	—	1,151,481	3,167	6,209,535	15,561	91,838,932	206,795	250,580,590	642,241	22,149,945	50,080	748,664	903
Synthetic crude oil bbl.		5,755,555	15,828	—	—	—	—	—	—	—	—	—	5,755,555	15,828	—	—	—	—
Condensate and pentanes plus ... bbl.		32,998,728	88,616	—	—	—	—	—	—	—	315,870	747	31,631,443	85,492	1,051,415	2,377	—	—
Natural gas	Mcf.	1,383,871,769	209,531	110,928	95	137,573	21	12,065,829	4,599	—	46,131,534	6,127	1,102,290,927	174,140	223,092,376	24,531	42,602	18
Propane	bbl.	15,358,919	23,583	—	—	—	—	—	—	—	938,001	1,374	14,096,528	21,715	324,390	494	—	—
Butanes	bbl.	9,918,269	14,029	—	—	—	—	—	—	—	408,515	694	9,152,669	12,752	357,085	583	—	—
Total value			1,270,348		109		21		7,766		15,561		215,737		952,168		78,065	921

TABLE 4. Net Production Withdrawals and Values for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968

Products	Canada		New Brunswick		Quebec		Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Northwest Territories	
	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000	Quantity	Value \$'000
Crude oil, condensate and pentanes plus	bbl.	406,102,512	1,008,484	7,648	11	—	1,151,481	3,167	6,204,920	15,570	92,213,725	207,673	282,607,378	728,780	23,165,768	52,376	751,592	907
Synthetic crude oil bbl.		5,724,738	15,743	—	—	—	—	—	—	—	—	—	5,724,738	15,743	—	—	—	—
Natural gas	Mcf.	1,696,679,650	225,849	112,967	97	137,573	21	12,065,829	4,599	—	56,771,626	7,211	1,367,682,131	186,034	259,866,922	27,869	42,602	18
Total value			1,250,076		108		21		7,766		15,570		214,884		930,557		80,245	925

TABLE 5. Operating Expenditures for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968

	Canada	Mar- itimes	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon, Northwest Territories and Arctic Islands	Off Shore East Coast	Off Shore Hudson Bay	Off Shore West Coast
	\$'000											
<u>Geological and geophysical operations</u>												
Salaries and wages	32,164	35	210	399	95	2,474	23,025	1,866	2,849	683	293	235
Materials and supplies	8,894	5	11	84	3	786	5,816	803	1,092	289	-	5
Contractor and service payments	110,019	763	408	1,663	968	7,936	58,309	12,186	20,043	5,843	1,090	810
Totals	151,077	803	629	2,146	1,066	11,196	87,150	14,855	23,984	6,815	1,383	1,050
<u>Field and well operations</u>												
Salaries and wages	38,580	37	-	771	641	6,739	28,618	1,751	23	-	-	-
Materials and supplies	20,245	10	-	85	345	5,939	12,221	1,603	42	-	-	-
Contractor and service payments	81,467	-	-	828	1,283	20,875	54,863	3,342	276	-	-	-
Totals	140,292	47	-	1,684	2,269	33,553	95,702	6,696	341	-	-	-
<u>Natural gas processing plants</u>												
Salaries and wages	14,531	-	3	160	-	543	12,952	873	-	-	-	-
Materials and supplies	17,039	-	2	48	-	534	15,830	625	-	-	-	-
Contractor and service payments	25,424	-	3	177	-	1,051	22,341	1,852	-	-	-	-
Totals	56,994	-	8	385	-	2,128	51,123	3,350	-	-	-	-
<u>Other including lend and lease acquisition and retention</u>												
Salaries and wages	21,039	7	1	216	49	1,248	18,052	697	713	18	38	-
Materials and supplies	3,993	-	-	80	44	394	2,655	634	175	3	8	-
Contractor and service payments	14,927	81	2	148	74	2,066	10,089	1,637	550	280	-	-
Retention(1)	102,138	590	156	1,013	1,035	12,806	71,583	10,622	1,897	350	2,072	14
Royalties	164,755	5	-	441	1,866	25,903	125,555	10,945	40	-	-	-
Taxes (excluding income tax)	14,792	1	3	201	261	2,946	10,815	548	16	1	-	-
Interest expense	54,888	-	3	32	143	1,985	50,173	2,531	18	3	-	-
Totals	376,532	684	165	2,131	3,472	47,348	288,922	27,614	3,409	655	2,118	14
<u>Grand Totals</u>												
Salaries and wages	106,314	79	214	1,546	785	11,004	82,647	5,187	3,585	701	331	235
Materials and supplies	50,171	15	13	297	392	7,653	36,522	3,665	1,309	292	8	5
Contractor and service payments	216,864	844	413	2,711	2,096	26,359	136,532	19,017	20,869	6,123	1,090	810
Electricity	14,973	-	-	105	229	5,569	9,070	-	-	-	-	-
Retention(1)	102,138	590	156	1,013	1,035	12,806	71,583	10,622	1,897	350	2,072	14
Royalties	164,755	5	-	441	1,866	25,903	125,555	10,945	40	-	-	-
Taxes (excluding income tax)	14,792	1	3	201	261	2,946	10,815	548	16	1	-	-
Interest expense	54,888	-	3	32	143	1,985	50,173	2,531	18	3	-	-
Totals	724,895	1,534	802	6,346	6,807	94,225	522,897	52,515	27,734	7,470	3,501	1,064

(1) Includes: Bonuses paid for acquisition of freeholders' mineral rights and some work commitments required to retain rights to Crown lands together with legal fees, land department costs, and rentals.

TABLE 6. Capital Expenditures for the Crude Petroleum and Natural Gas Industry(1) (\$'000, 000), 1958

	Canada	Maritimes	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon, Northwest Territories and Arctic Islands	Off Shore East Coast	Off Shore Hudson Bay	Off Shore West Coast
	\$'000											
Exploratory drilling	135,970	211	357	1,100	812	13,222	87,613	14,890	8,825	482	16	8,442
Development drilling	100,325	155	—	625	504	11,484	73,623	11,149	2,785	—	—	—
<u>Total drilling</u>												
Salaries and wages	11,431	—	5	106	23	454	8,105	1,514	1,181	15	1	27
Materials and supplies	39,228	—	83	185	272	3,730	26,080	4,278	1,389	72	2	3,137
Contractor and service payments	185,636	366	269	1,434	1,021	20,522	127,051	20,247	9,040	395	13	5,278
Totals	236,295	366	357	1,725	1,316	24,706	161,236	26,039	11,610	482	16	8,442
Tangible well and lease equipment	65,206	59	—	257	406	7,102	51,144	6,034	202	2	—	—
Pipe lines and related facilities	10,679	—	—	170	5	720	9,679	105	—	—	—	—
Secondary recovery and pressure maintenance projects ..	18,257	—	—	259	162	5,003	10,435	2,022	376	—	—	—
Natural gas processing plants	91,099	—	—	190	—	1,760	86,977	2,172	—	—	—	—
Other buildings and machinery	16,803	1	—	159	36	532	13,827	47	2,174	27	—	—
Total capital formation	438,339	426	357	2,760	1,925	39,823	333,298	36,419	14,362	511	16	8,442
Land sites	1,190	—	—	7	24	323	836	—	—	—	—	—
Land acquisition(2)	118,028	—	—	—	58	5,223	93,778	15,110	3,859	—	—	—
Totals	557,557	426	357	2,767	2,007	45,369	427,912	51,529	18,221	511	16	8,442

(1) Does not include construction in oil sands and bituminous sand pit processing plants.

(2) Includes cash bonuses paid for Crown permits, reservations and leases.

TABLE 7. Supply and Disposition of Natural Gas, 1968

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	N.W.T.	Canada
	Mcf.								
<u>Supply</u>									
Gross new production	112,967	137,573	12,065,829	—	68,073,749	1,637,706,400	278,948,274	708,728	1,997,753,520
Less field flared and waste	—	—	—	—	11,266,377	58,115,234	11,292,881	666,126	81,340,618
Net new production	112,967	137,573	12,065,829	—	56,807,372	1,579,591,166	267,655,393	42,602	1,916,412,902
Reproduced	—	—	—	—	—	—	—	—	—
Less injected and stored	—	—	—	—	35,746	211,909,035	7,788,471	—	219,733,252
Net withdrawals	112,967	137,573	12,065,829	—	56,771,626	1,367,682,131	259,866,922	42,602	1,696,679,650
Field disposition and uses	2,039	—	—	—	3,876,510	10,987,759	5,243,678	—	20,109,986
Gathering system disposition and uses	—	—	—	—	755,932	6,896,670	621,380	—	8,273,982
Processing plant disposition and uses:									
Processing shrinkage	—	—	—	—	2,477,733	190,105,645	6,418,703	—	199,002,081
Other disposition and uses	—	—	—	—	2,342,206	70,100,789	24,518,788	—	96,961,783
Other uses	—	—	—	—	834,121	941,141	—	—	1,775,262
Adjustment	—	—	—	—	353,590	-13,640,800	-28,003	—	-13,315,213
Total marketable gas delivered	110,928	137,573	12,065,829	—	46,131,534	1,102,290,927	223,092,376	42,602	1,383,871,769
Imports	—	—	81,449,956	—	—	104,119	—	—	81,554,075
Totals	110,928	137,573	93,515,785	—	46,131,534	1,102,395,046	223,092,376	42,602	1,465,425,844
Receipts from distributor storage	—	—	49,074,564	—	4,158,687	2,494,136	—	—	55,727,387
Other receipts	—	—	11,032	399,347	—	19,231	61,195	—	490,805
Transfers - In	—	46,405,497	297,025,270	470,598,795	518,669,714	—	322,017,497	—	...
Out	—	—	46,405,497	297,025,270	470,598,795	840,687,211	—	—	...
Net transfer	—	46,405,497	250,619,773	173,573,525	48,070,919	-840,687,211	322,017,497	—	...
Miscellaneous deliveries	—	—	—	—	—	—	—	42,602	42,602
Total net utility supply	110,928	46,543,070	393,221,154	173,972,872	98,361,140	264,221,202	545,171,068	—	1,521,601,434
<u>Disposition</u>									
Sales:									
Residential	40,491	12,106,791	91,665,862	17,735,633	20,889,858	49,960,154	22,972,763	—	215,371,552
Commercial	23,635	5,481,490	57,510,124	12,329,188	11,851,895	42,914,003	13,945,539	—	144,055,874
Industrial	—	26,573,543	158,924,309	15,178,041	48,262,934	108,061,486	49,577,855	—	406,578,168
Total sales	64,126	44,161,824	308,100,295	45,242,862	81,004,687	200,935,643	86,496,157	—	766,005,594
Exports	—	1,452,024	4,849,189	120,861,788	—	36,636,785	440,645,435	—	604,445,221
Other deliveries	—	—	23,241	—	27,595	6,746,888	—	—	6,797,724
Delivered to distributor storage	—	—	48,986,569	—	4,805,242	3,965,864	—	—	57,757,675
Pipeline pack fluctuation	—	2,882	147,926	1,000,194	555,605	39,754	1,002,885	—	2,749,246
Pipeline fuel	—	122,488	24,974,730	4,925,177	11,670,514	7,895,181	12,815,027	—	62,403,117
Pipeline losses etc.	46,802	803,852	6,139,204	1,942,851	297,497	8,001,087	4,211,564	—	21,442,857
Total disposition	110,928	46,543,070	393,221,154	173,972,872	98,361,140	264,221,202	545,171,068	—	1,521,601,434

TABLE 8. Supply and Disposition of Crude Oil and Equivalent, by Source, Canada, 1968

	New Brunswick	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Total Canadian sources	Total Foreign sources	Total all sources
barrels of 35 Canadian gallons										
<u>Supply</u>										
<u>Domestic production</u>										
Crude oil	7,648	1,151,481	6,204,920	91,889,243	259,845,867	22,151,353	862,878	382,113,390	...	382,113,390
Synthetic crude oil	-	-	-	-	5,724,738	-	-	5,724,738	...	5,724,738
Less returned to formation	-	-	-	-	9,101,760	-	111,286	9,213,046	...	9,213,046
Totals	7,648	1,151,481	6,204,920	91,889,243	256,468,845	22,151,353	751,592	378,625,082	...	378,625,082
Condensate	-	-	-	-	812,332	54,163	-	866,495	...	866,495
Pentanes plus	-	-	-	324,482	31,050,939	960,252	-	32,335,673	...	32,335,673
Net withdrawals	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	...	411,827,250
Imports .....	...	...	...	...	...	...	...	...	178,415,224	178,415,224
Total supply	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	178,415,224	590,242,474
<u>Disposition</u>										
<u>Deliveries to refineries</u>										
Atlantic Provinces	-	-	-	-	-	-	-	-	39,968,277	39,968,277
Quebec	-	-	-	-	-	-	-	-	137,954,651	137,954,651
Ontario	-	1,151,492	3,943,303	51,131,653	63,787,902	-	-	120,014,350	469,967	120,484,317
Manitoba	-	-	189,924	8,013,702	7,292,648	-	-	15,496,274	-	15,496,274
Saskatchewan	-	-	-	3,258,285	18,937,845	-	-	22,196,130	-	22,196,130
Alberta	-	-	-	1,094,042	35,762,699	-	-	36,856,741	-	36,856,741
British Columbia	-	-	-	-	20,450,257	20,142,860	-	40,593,117	-	40,593,117
Northwest Territories	-	-	-	-	-	-	750,664	750,664	-	750,664
Totals	-	1,151,492	4,133,227	63,497,682	146,231,351	20,142,860	750,664	235,907,276	178,392,895	414,300,171
<u>Exports to U.S.A.</u>										
<u>Petroleum Administration</u>										
District I	-	-	-	1,242,566	20,068,857	-	-	21,311,423	-	21,311,423
II	-	-	2,004,695	27,253,785	48,889,522	-	-	78,148,002	-	78,148,002
IV	-	-	-	-	9,707,803	-	-	9,707,803	-	9,707,803
V	-	-	-	-	56,575,214	3,487,819	-	60,063,033	-	60,063,033
Totals	-	-	2,004,695	28,496,351	135,241,396	3,487,819	-	169,230,261	-	169,230,261
<u>Inventories</u>										
Opening - Field and plant	8,398	-	76,236	437,106	1,702,610	22,888	70,304	2,317,542	-	2,317,542
Transporters'	-	-	46,481	5,049,851	20,619,430	1,492,251	-	27,208,013	359,835	27,567,848
Closing - Field and plant	5,769	-	71,621	453,587	1,646,987	-	73,232	2,238,492	-	2,238,492
Transporters'	-	-	94,621	5,059,221	26,105,946	1,325,394	-	32,585,182	359,835	32,945,017
Net change	- 2,629	-	43,525	25,851	5,430,893	- 202,449	2,928	5,298,119	-	5,298,119
Deliveries to other purchasers	10,406	-	-	36,410	200,202	11,461	-	258,479	-	258,479
Pipeline fuel	-	-	-	-	209,245	-	-	209,245	-	209,245
Field and plant use	63	-	-	42,442	420,151	-	-	462,656	-	462,656
Losses and adjustments	- 192	- 11	23,473	114,989	598,878	- 273,923	- 2,000	461,214	22,329	483,543
Total disposition	7,648	1,151,481	6,204,920	92,213,725	288,332,116	23,165,768	751,592	411,827,250	178,415,224	590,242,474

TABLE 9. Employees, Salaries and Wages for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1961-68

Note: Basis: Revised standard industrial classification and new establishment concept

	Employees						Salaries and wages		
	Production and related workers		Management, professional, technical and administrative		Total		Production and related workers	Management, professional, technical and administrative	Total
	Male	Female	Male	Female	Male	Female	Manufacturing		
	number						\$'000		
<u>1961</u>									
Total	3,450	14	5,937	1,783	9,387	1,797	18,338	52,841	71,179
<u>1962</u>									
Total	3,463	27	5,965	1,777	9,428	1,804	19,542	55,783	75,325
<u>1963</u>									
Total	3,344	34	6,044	1,815	9,388	1,849	19,280	56,732	76,012
<u>1964</u>									
Total	3,274	28	6,168	1,772	9,442	1,800	18,884	58,422	77,306
<u>1965</u>									
Total	3,242	20	6,510	2,045	9,752	2,065	19,689	64,998	84,687
<u>1966</u>									
Total	3,350	25	6,839	2,164	10,189	2,189	21,914	74,083	95,997
<u>1967</u>									
New Brunswick	6	-	-	-	6	-	23	-	23
Quebec	-	-	4	2	4	2	-	35	35
Ontario	161	2	78	20	239	22	996	906	1,902
Manitoba	43	-	21	2	64	2	287	152	439
Saskatchewan	537	-	337	92	874	92	3,680	3,875	7,555
Alberta	2,542	16	6,721	1,995	9,263	2,011	18,977	78,411	97,388
British Columbia	232	-	247	27	479	27	1,879	2,371	4,250
Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay	12	-	15	1	27	1	107	156	263
Total	3,533	18	7,423	2,139	10,956	2,157	25,949	85,906	111,855
<u>1968</u>									
New Brunswick	6	-	-	-	6	-	24	-	24
Quebec	-	-	12	5	12	5	-	147	147
Ontario	124	3	59	16	183	19	920	811	1,731
Manitoba	37	-	21	1	58	1	256	169	425
Saskatchewan	482	-	231	42	713	42	3,519	2,503	6,022
Alberta	2,526	16	7,361	2,217	9,887	2,233	20,673	90,476	111,149
British Columbia	246	-	116	14	362	14	2,124	1,153	3,277
Yukon, Northwest Territories and Arctic Islands	26	-	18	-	44	-	243	132	375
Off Shore - East coast	1	-	3	-	4	-	5	28	33
- West coast	-	-	26	2	26	2	1	228	229
Total	3,448	19	7,847	2,297	11,295	2,316	27,765	95,647	123,412

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>CANADA</u>				
<u>Management</u>				
Working owners and partners	—	—	—	
Management	728	8	736	
Totals	728	8	736	14,870
<u>Professional, technical and administrative</u>				
Geophysicists	438	5	443	
Geologists	956	7	963	
Petroleum and other engineers	1,073	1	1,074	
Other professional personnel	696	16	712	
Sub-totals	3,163	29	3,192	38,177
Specialists and technicians	1,692	131	1,823	
Clerical and secretarial	1,471	2,114	3,585	
Other administrative personnel	793	15	808	
Totals	7,119	2,289	9,408	80,777
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	3,448	19	3,467	27,765
Total employment, salaries and wages	11,295	2,316	13,611	123,412
Male			Female	
number				
January 31			19	
February 28			17	
March 31			17	
April 30			17	
May 31			18	
June 30			18	
July 31			20	
August 31			19	
September 30			20	
October 31			20	
November 30			19	
December 31			20	
<u>Month-end production employment statistics</u>				
January 31			19	
February 28			17	
March 31			17	
April 30			17	
May 31			18	
June 30			18	
July 31			20	
August 31			19	
September 30			20	
October 31			20	
November 30			19	
December 31			20	
<u>Production man-hour statistics — Quarterly and annual</u>				
Jan. 1 — Mar. 31			Apr. 1 — June 30	
July 1 — Sept. 30			Oct. 1 — Dec. 31	
Jan. 1 — Dec. 31				
'000 hours				
At work and paid			6,876	
Not worked and paid			595	
Totals			7,471	

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>NEW BRUNSWICK</u>				
<u>Management</u>				
Working owners and partners	-	-	-	-
Management	-	-	-	-
Totals	-	-	-	-
<u>Professional, technical and administrative</u>				
Geophysicists	-	-	-	-
Geologists	-	-	-	-
Petroleum and other engineers	-	-	-	-
Other professional personnel	-	-	-	-
Sub-totals	-	-	-	-
Specialists and technicians	-	-	-	-
Clerical and secretarial	-	-	-	-
Other administrative personnel	-	-	-	-
Totals	-	-	-	-
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	6	-	6	24
Total employment, salaries and wages	6	-	6	24
Male			Female	
number				
<u>Month-end production employment statistics</u>				
January 31	6	-		
February 28	6	-		
March 31	6	-		
April 30	6	-		
May 31	6	-		
June 30	6	-		
July 31	6	-		
August 31	6	-		
September 30	6	-		
October 31	6	-		
November 30	6	-		
December 31	6	-		
Jan. 1 - Mar. 31		Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31
Jan. 1 - Dec. 31				
'000 hours				
At work and paid	3	4	3	3
Not worked and paid	--	--	--	--
Totals	3	4	3	3
<u>Production man-hour statistics - Quarterly and annual</u>				
At work and paid	3	4	3	3
Not worked and paid	--	--	--	--
Totals	3	4	3	3

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>QUEBEC</u>				
<u>Management</u>				
Working owners and partners	-	-	-	
Management	3	-	3	
Totals	3	-	3	53
<u>Professional, technical and administrative</u>				
Geophysicists	-	-	-	
Geologists	1	-	1	
Petroleum and other engineers	1	-	1	
Other professional personnel	1	-	1	
Sub-totals	3	-	3	40
Specialists and technicians	1	-	1	
Clerical and secretarial	4	5	9	
Other administrative personnel	1	-	1	
Totals	9	5	14	94
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	-	-	-	--
Total employment, salaries and wages	12	5	17	147
Male			Female	
number				
<u>Month-end production employment statistics</u>				
January 31	-			-
February 28	-			-
March 31	-			-
April 30	-			-
May 31	-			-
June 30	-			-
July 31	-			-
August 31	-			-
September 30	-			-
October 31	-			-
November 30	-			-
December 31	-			-
Jan. 1 - Mar. 31		Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31
'000 hours				
<u>Production man-hour statistics - Quarterly and annual</u>				
At work and paid	-	-	--	-
Not worked and paid	-	-	-	-
Totals	-	-	--	--

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000	
	Male	Female	Total		
<u>ONTARIO</u>					
<u>Management</u>					
Working owners and partners	-	-	-		
Management	13	2	15		
Totals	13	2	15	235	
<u>Professional, technical and administrative</u>					
Geophysicists	1	-	1		
Geologists	3	-	3		
Petroleum and other engineers	8	-	8		
Other professional personnel	5	-	5		
Sub-totals	17	-	17	226	
Specialists and technicians	7	-	7		
Clerical and secretarial	5	14	19		
Other administrative personnel	17	-	17		
Totals	46	14	60	576	
<u>Production, field, plant and related operations</u>					
Field, plant and related employees	124	3	127	920	
Total employment, salaries and wages	183	19	202	1,711	
Male			Female		
number					
<u>Month-end production employment statistics</u>					
January 31	124			3	
February 28	125			3	
March 31	124			3	
April 30	123			3	
May 31	123			3	
June 30	125			3	
July 31	125			3	
August 31	128			3	
September 30	123			3	
October 31	122			3	
November 30	122			3	
December 31	120			3	
<u>Production man-hour statistics - Quarterly and annual</u>					
'000 hours					
At work and paid	64	62	59	61	246
Not worked and paid	3	4	8	5	20
Totals	67	66	67	66	266

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>MANITOBA</u>				
<u>Management</u>				
Working owners and partners	-	-	-	
Management	1	-	1	
Totals	1	-	1	5
<u>Professional, technical and administrative</u>				
Geophysicists	-	-	-	
Geologists	-	-	-	
Petroleum and other engineers	3	-	3	
Other professional personnel	1	-	1	
Sub-totals	4	-	4	48
Specialists and technicians	5	-	5	
Clerical and secretarial	6	1	7	
Other administrative personnel	5	-	5	
Totals	20	1	21	164
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	37	-	37	256
Total employment, salaries and wages	58	1	59	425
Male			Female	
number				
<u>Month-end production employment statistics</u>				
January 31	34	-		
February 28	35	-		
March 31	33	-		
April 30	35	-		
May 31	34	-		
June 30	39	-		
July 31	44	-		
August 31	44	-		
September 30	40	-		
October 31	35	-		
November 30	35	-		
December 31	35	-		
<u>Production man-hour statistics - Quarterly and annual</u>				
'000 hours				
At work and paid	17	17	17	68
Not worked and paid	1	1	3	6
Totals	18	18	20	74

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>SASKATCHEWAN</u>				
<u>Management</u>				
Working owners and partners	-	-	-	
Management	15	1	16	
Totals	15	1	16	263
<u>Professional, technical and administrative</u>				
Geophysicists	3	-	3	
Geologists	10	-	10	
Petroleum and other engineers	39	-	39	
Other professional personnel	7	-	7	
Sub-totals	59	-	59	681
Specialists and technicians	54	-	54	
Clerical and secretarial	41	40	81	
Other administrative personnel	62	1	63	
Totals	216	41	257	2,240
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	482	-	482	3,519
Total employment, salaries and wages	713	42	755	6,022
Male			Female	
number				
January 31	476	-		
February 28	461	-		
March 31	465	-		
April 30	490	-		
May 31	527	-		
June 30	508	-		
July 31	511	-		
August 31	504	-		
September 30	482	-		
October 31	463	-		
November 30	449	-		
December 31	449	-		
<u>Month-end production employment statistics</u>				
Jan. 1 - Mar. 31	Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31	Jan. 1 - Dec. 31
'000 hours				
At work and paid	247	253	235	226
Not worked and paid	8	20	37	18
Totals	255	273	272	244
1,044				
<u>Production man-hour statistics - Quarterly and annual</u>				
At work and paid	247	253	235	226
Not worked and paid	8	20	37	18
Totals	255	273	272	244
1,044				

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

		Number of employees			Salaries and wages \$'000
		Male	Female	Total	
<u>ALBERTA</u>					
<u>Management</u>					
Working owners and partners		-	-	-	
Management		687	5	692	
Totals		687	5	692	14,195
<u>Professional, technical and administrative</u>					
Geophysicists		434	5	439	
Geologists		940	7	947	
Petroleum and other engineers		998	1	999	
Other professional personnel		673	16	689	
Sub-totals		3,045	29	3,074	36,795
Specialists and technicians		1,580	131	1,711	
Clerical and secretarial		1,391	2,038	3,429	
Other administrative personnel		658	14	672	
Totals		6,674	2,212	8,886	76,281
<u>Production, field, plant and related operations</u>					
Field, plant and related employees		2,526	16	2,542	20,673
Total employment, salaries and wages		9,887	2,233	12,120	111,149
		Male		Female	
		number			
January 31		2,486		16	
February 28		2,457		14	
March 31		2,457		14	
April 30		2,492		14	
May 31		2,589		15	
June 30		2,623		15	
July 31		2,656		17	
August 31		2,621		16	
September 30		2,506		17	
October 31		2,477		17	
November 30		2,473		16	
December 31		2,480		17	
<u>Month-end production employment statistics</u>		Jan. 1 - Mar. 31	Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31
		'000 hours			
<u>Production man-hour statistics - Quarterly and annual</u>					
At work and paid		1,269	1,300	1,242	1,265
Not worked and paid		44	91	205	97
Totals		1,313	1,391	1,447	1,362
		5,076			
		437			
		5,513			

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000			
	Male	Female	Total				
<u>BRITISH COLUMBIA</u>							
<u>Management</u>							
Working owners and partners	-	-	-				
Management	7	-	7				
Totals	7	-	7	90			
<u>Professional, technical and administrative</u>							
Geophysicists	-	-	-				
Geologists	2	-	2				
Petroleum and other engineers	14	-	14				
Other professional personnel	8	-	8				
Sub-totals	24	-	24	255			
Specialists and technicians	18	-	18				
Clerical and secretarial	23	14	37				
Other administrative personnel	43	-	43				
Totals	109	14	123	1,063			
<u>Production, field, plant and related operations</u>							
Field, plant and related employees	246	-	246	3,124			
Total employment, salaries and wages	362	14	376	3,277			
Male			Female				
number							
January 31	254		-				
February 28	254		-				
March 31	256		-				
April 30	239		-				
May 31	250		-				
June 30	255		-				
July 31	251		-				
August 31	250		-				
September 30	233		-				
October 31	235		-				
November 30	236		-				
December 31	235		-				
Jan. 1 - Mar. 31			Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31	Jan. 1 - Dec. 31	
'000 hours							
At work and paid			120	125	104	118	467
Not worked and paid			5	6	17	9	37
Totals			125	131	121	127	504
<u>Production man-hour statistics - Quarterly and annual</u>							

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000	
	Male	Female	Total		
<u>YUKON, NORTHWEST TERRITORIES AND ARCTIC ISLANDS</u>					
<u>Management</u>					
Working owners and partners	-	-	-		
Management	1	-	1		
Totals	1	-	1	9	
<u>Professional, technical and administrative</u>					
Geophysicists	-	-	-		
Geologists	-	-	-		
Petroleum and other engineers	-	-	-		
Other professional personnel	1	-	1		
Sub-totals	1	-	1	12	
Specialists and technicians	14	-	14		
Clerical and secretarial	-	-	-		
Other administrative personnel	2	-	2		
Totals	17	-	17	123	
<u>Production, field, plant and related operations</u>					
Field, plant and related employees	26	-	26	243	
Total employment, salaries and wages	44	-	44	375	
Male			Female		
number					
January 31	6	-			
February 28	6	-			
March 31	6	-			
April 30	1	-			
May 31	1	-			
June 30	-	-			
July 31	25	-			
August 31	35	-			
September 30	45	-			
October 31	55	-			
November 30	65	-			
December 31	75	-			
Jan. 1 - Mar. 31		Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31	Jan. 1 - Dec. 31
'000 hours					
At work and paid	3	1	14	26	44
Not worked and paid	-	-	4	8	12
Totals	3	1	18	34	56
<u>Production man-hour statistics - Quarterly and annual</u>					

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Continued

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>OFF SHORE EAST COAST</u>				
<u>Management</u>				
Working owners and partners	-	-	-	
Management	-	-	-	
Totals	-	-	-	-
<u>Professional, technical and administrative</u>				
Geophysicists	-	-	-	
Geologists	-	-	-	
Petroleum and other engineers	-	-	-	
Other professional personal	-	-	-	
Sub-totals	-	-	-	-
Specialists and technicians	3	-	3	
Clerical and secretarial	-	-	-	
Other administrative personnel	-	-	-	
Totals	3	-	3	22
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	1	-	1	3
Total employment, salaries and wages	4	-	4	33
Male			Female	
number				
<u>Month-end production employment statistics</u>				
January 31	-	-		
February 28	-	-		
March 31	-	-		
April 30	-	-		
May 31	1	-		
June 30	1	-		
July 31	1	-		
August 31	2	-		
September 30	2	-		
October 31	-	-		
November 30	-	-		
December 31	-	-		
<u>Production man-hour statistics - Quarterly and annual</u>				
Jan. 1 - Mar. 31	Apr. 1 - June 30	July 1 - Sept. 30	Oct. 1 - Dec. 31	Jan. 1 - Dec. 31
'000 hours				
At work and paid	-	--	1	-
Not worked and paid	-	-	-	-
Totals	-	--	1	-

TABLE 10. Payroll, Employment and Man-hours for the Crude Petroleum and Natural Gas Industry (S.I.C. 064), 1968 - Concluded

	Number of employees			Salaries and wages \$'000
	Male	Female	Total	
<u>OFF SHORE WEST COAST</u>				
<u>Management</u>				
Working owners and partners	-	-	-	
Management	1	-	1	
Totals	1	-	1	20
<u>Professional, technical and administrative</u>				
Geophysicists	-	-	-	
Geologists	-	-	-	
Petroleum and other engineers	10	-	10	
Other professional personal	-	-	-	
Sub-totals	10	-	10	120
Specialists and technicians	9	-	9	
Clerical and secretarial	1	2	3	
Other administrative personnel	5	-	5	
Totals	25	2	27	208
<u>Production, field, plant and related operations</u>				
Field, plant and related employees	--	--	--	1
Total employment, salaries and wages	26	2	28	229
Male			Female	
number				
January 31	-			-
February 28	-			-
March 31	-			-
April 30	-			-
May 31	-			-
June 30	-			-
July 31	-			-
August 31	1			-
September 30	1			-
October 31	-			-
November 30	-			-
December 31	-			-
<u>Month-end production employment statistics</u>				
Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1
Mar. 31	June 30	Sept. 30	Dec. 31	Dec. 31
'000 hours				
<u>Production man-hour statistics - Quarterly and annual</u>				
At work and paid	-	-	--	-
Not worked and paid	-	-	-	-
Totals	-	-	--	-

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