

REPORT OF THE  
NATIONAL PETROLEUM COUNCIL

COMMITTEE

ON

PETROLEUM INDUSTRY MANPOWER

PRESENTED TO THE NATIONAL PETROLEUM COUNCIL

JANUARY 26, 1950

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REPORT OF THE  
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The Committee on Petroleum Industry Manpower, complying with the request of the Director of the Oil and Gas Division of the Department of the Interior, as authorized by the National Petroleum Council, presents its report showing the results of the nation-wide survey on Petroleum Industry Manpower -- the scope and form of which survey, was approved by the Council on April 26, 1949. The survey was conducted in accordance with procedures agreed upon with representatives of the National Security Resources Board and other agencies of the Federal Government.

The original assignment sets forth two problems:

Problem (1) "To study and estimate, and report, on the present manpower engaged in the industry, classified by functional divisions of the industry, occupations and skills, and geographic areas; desirable and practical classifications to be determined in consultation by the Committee with representatives of the National Security Resources Board, the Armed Services Petroleum Board, the Oil and Gas Division and other appropriate governmental agencies."

Mailing of questionnaires to proprietors and chief executives, in the respective branches of the industry covered by the survey, started July 25, 1949.

The survey was closed at the end of 1949 -- preliminary tabulations were completed at Council Headquarters and supplied to the members of the Committee prior to their meeting in Washington, D. C. January 19, 1950.

The preliminary tabulations summarizing the details reported by the petroleum companies were carefully reviewed and fully discussed.

Attached are the summary results of the participating companies. The Committee estimates at least 70% of domestic crude production and refinery intakes are represented.

The total number of employees reported as of December 31, 1948 by the participating companies in the survey was 515,471; 51,615 female and 463,856 male. This count does not include employees or independent operators in the retail branches of the business and does not include any estimate covering employees of companies who failed to furnish data.

A description of each of the major activities has been included with this summary.

Three factors involving male employees and significant in the event of a national emergency have been separately tabulated:

a) The number of males engaged in jobs which the participating companies have individually estimated to require less than a year's replacement training, total 171,528 males, representing 37.0% of all male employees reported.

b) The number of male employees estimated or reported by the participating companies to be members of the Armed Forces Reserves and National Guard Units, total 28,708 males which in this category represent 6.2% of all males.

c) The number of male employees under the age of 35 reported or estimated by the participating companies, total 185,111 males or 39.9% of all males engaged.

It was the opinion of the members present at the January 19 meeting that, if the summary of the data received from reporting companies was acceptable to the representatives of the National Security Resources Board and other interested government agencies, no estimates, would be undertaken, to include employment in non-reporting companies, or projections to arrive at an estimated figure of total manpower engaged in the industry as a whole, or in its respective segments. The representatives of the National Security Resources Board and other governmental agencies present, indicated the summaries presented, based on the factual data reported, by participating companies, was acceptable for their respective requirements.

The representative of the National Security Resources Board requested, that their agency be furnished a list of the reporting companies as an aid in determining the actual extent of coverage attained through the survey and to enable them to estimate industry totals for the items covered by the survey.

The Committee recommends that the Secretary of the National Petroleum Council be authorized to furnish the National Security Resources Board such list, as they may require, for the purpose indicated, showing the names of the companies included in the summary and the city and state of their respective principal offices.

The Committee is very pleased with the response on the part of the industry.

Problem (2) "To study and report as to the adequacy of currently available employment data for the functional divisions of the domestic petroleum industry and to recommend ways and means of over-

coming such difficulties as may exist therein."

The Committee has found that there is information on domestic petroleum industry employment available in government agencies.

i.e. Bureau of Labor Statistics which reports monthly data including employment statistics on:

- (a) Producing and Exploration adjusted by a sampling method
- (b) Manufacturing adjusted by sampling method

The samples are checked currently with data available from the State Unemployment Compensation Administrations.

The I. C. C. publishes complete employment data on interstate pipe lines.

It is the opinion of this Committee, that utilizing presently available statistics, together with the attached survey, adjusted to industry total, appears to provide acceptable manpower data which can be adjusted by the sampling method, when necessary, for such purpose as was indicated in presenting the original request for manpower data to this Committee.

Respectfully submitted,

Committee on Petroleum Industry  
Manpower

W. W. VANDEVEER, Chairman

N A T I O N A L   P E T R O L E U M   C O U N C I L

SURVEY ON PETROLEUM INDUSTRY MANPOWER  
AS OF DECEMBER 31, 1948

SUMMARY BY TYPE OF ACTIVITY

ACTIVITY	Number of Reports(*)	Total Employees In Activity Specified			Male Employees Engaged in Jobs Requiring Less Than One Year to Train Replacement		Male Employees in Armed Forces Reserves or National Guard		Male Employees Under Age 35	
		Total	Female	Male	Total	%	Total	%	Total	%
EXPLORATION & PRODUCTION (**)	1,583	150,008	10,327	139,681	46,696	33.4	8,633	6.2	57,321	41.0
MANUFACTURING (**)	176	155,336	7,397	147,939	54,333	36.7	8,225	5.6	61,007	41.2
PIPE LINE TRANSPORTATION (**)	110	32,765	1,514	31,251	11,464	36.7	1,203	3.8	10,253	32.8
SUPPLIES, SHIPPING AND DISTRIBUTION (**)	2,296	138,595	17,540	121,055	52,865	43.7	8,081	6.7	46,988	38.8
GENERAL MANAGEMENT (**)	130	38,767	14,837	23,930	6,170	25.8	2,566	10.7	9,542	39.9
ALL ACTIVITIES	4,295 <u>1/</u>	515,471	51,615	463,856	171,528	37.0	28,708	6.2	185,111	39.9

(\*) Represents number of participating companies reporting in specified activity.

(\*\*) General definition together with guide list of occupations are shown on blank questionnaire form attached hereto for the specified activity.

1/ Number of companies excluding duplications in specified activities totals 3,966.

COMMITTEE ON PETROLEUM INDUSTRY MANPOWER

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