

**FILM STUDY GROUP**  
**REPORT ON MICROFILM REEL NO. 6**  
**Prepared by**  
**SHELL DEVELOPMENT COMPANY**

# SHELL DEVELOPMENT COMPANY

DATE Oct. 15, 1945

TO SHELL DEVELOPMENT COMPANY, SAN FRANCISCO  
FROM SHELL DEVELOPMENT COMPANY, EMERYVILLE  
SUBJECT U. S. TECHNICAL OIL MISSION. FILM NO. 6

Attached is a report on the above microfilm referred to in your memorandum of September 19.

The greatest portion of the content of this film was in the form of a "procedures" file in that they were the analytical procedures in more or less detail as followed in the analysis of specific materials in conjunction with specific processors at different plants. Thus, as general methods applicable to a wider range of materials, they fell into the "no value" category. In only one or two cases were any data or remarks given to substantiate or prove the value of the methods used. Most of the procedures equivalent to methods in the TAC Analytical Subcommittee manual were of a sort long since considered obsolete by the TAC group.

That portion of this film identified as sub-item 5 of Item IV may be of considerable value to other reviewers studying the I. G. Farbenindustrie high pressure hydrogenation plants at Ludwigshafen and Oppau, should operating reports refer to analytical data, the significance of which may be questioned. This portion of the film contains the most completely organized index and procedure detail of all analytical methods used for the examination of all feed, intermediate and product streams from these plants. They have all been marked "no value" since each entry appeared in some other portion of the film.

The reviewers wish to point out that while the first 44 sub-items of Item I have been marked as "no value" to the petroleum industry since they deal with the analyses of material associated with the production of steel, manufacturers of the latter may have some interest in these parts. Likewise the first 6 sub-items of Item II and portions of sub-item 5 of Item IV, which deal with the examination of coal and coke, have been labeled as being of "no value" to the petroleum industry; some other reviewer might identify differently the value of these parts of the film to coal processors.

ORIGINAL SIGNED BY:

W. J. HUND

W. J. Hund

FDE/me

Attach.

cc: (with attach.)

10 - Shell Development Company, S.F., Attn. Mr. J. D. Westermann

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Shell Development Company  
Emeryville, California  
October 15, 1945

REPORT OF TECHNICAL CONTENT OF U. S. TECHNICAL OIL MISSION  
MICROFILM - REEL 6

The following report covers the technical content of microfilm copies of material obtained from German sources and identified as follows:

U.S. Government Technical Oil Mission Microfilm - Reel 6  
Bag 2747 Target No. 30/4.E Gelsenberg

The film contained 4 items, each apparently representing a complete company file on the general subject of "Analytical Methods". Each item is treated separately in the following; a coded index identified as listed in the undated TAC index appears with each item in which the sub-items have been identified as follows:

- |                    |  |
|--------------------|--|
| <u>No Value-</u>   | These items are believed to be "uninteresting or unimportant portions having no technical significance"  |
| <u>Published-</u>  | These items most probably belong in the "No Value" category since they are copies of German published articles from journals available in the U.S.A, or are obvious abstracts from readily available journals or patents published in various countries. |
| <u>Abstracted-</u> | These items are considered as "portions containing some information of questionable value or interest" and are briefly abstracted.   |
| <u>Translated-</u> | These items are believed to have some probable value or "really reliable information".   |

Since the TAC index did not list some of the sub-items on the film, these have been inserted in their appropriate sequence and are indicated by a letter following the index number (e.g. 80a).

A very large portion of the material reviewed has been identified as having "no value" in that it is believed to be common knowledge or obsolete practice (based on techniques used in the U.S.A.) or of applying to industrial practices of no direct interest to petroleum companies.

KDT;VZ/me