

Candidate **Malcolm Y. Colby, Jr.** ✓

Special Field **Geophysics**

Computer in geophysical office, Shell Petroleum Corporation, Morgan City, Louisiana.

Plan of Work

This is to be an investigation of the exact nature of artificially produced earth-waves, with a view to obtaining information concerning earth structures that is not made available by any of the methods of seismological exploration now in use; and it is hoped that it will find specific application in the exploration phase of the oil industry.

Wishes to work for Ph.D. at Harvard University, beginning September, 1938, for the period of two years. Can return to present position.

Digest of Application

Born November, 1916, Madell, Oklahoma. Single.

A. B. from the University of Texas, 1937.

Assistant in Physics, University of Texas, Austin, Texas, 1935-37. Computer in Geophysical Office, Shell Petroleum Corporation, Houston, Texas.

Research: Calculation and construction of high-gain audio-frequency amplifiers.

References

- Dr. Arnold Romberg, Prof. Physics, University of Texas
- Dr. C.P. Boner, " " " "
- Dr. L. W. Blau, Director Geophysical Research, Humble Oil Company, Houston, Texas
- Dr. Sidon Harris, Geophysicist, Western Geophysical Co.
- Dr. Lucien J.B. LeCoste, Instr. Mathematical Physics
- T. S. Edrington, Geophysicist, Shell Petroleum Corp

Budget Summary

Total amount needed	\$1850
From applicant	<u>150</u>
From Fund	\$1280
Granted	

Committee Notes

Mr. Mac is investigated.

Documents submitted

- Photograph
- Exhibit material
- Transcripts

University of Texas

Plan of work

Digest

complete

Sent to Committee FEB 11 1938

Documents returned

