

M I N U T E S

MISSISSIPPI GEOLOGICAL SOCIETY

November 28, 1939 to May 19, 1943

November 28, 1939

The Mississippi Geological Society met for the first time at a luncheon in the Edwards Hotel on the above date, and elected the following officers:

President-----Henry N. Toler
Southern Natural Gas Company

Vice President----- Urban B. Hughes
Consulting Geologist

Secretary-Treasurer----- Tom McGlothlin
Gulf Refining Company of La.

Dr. W.C.Morse, State Geologist, and H.M. Morse of the State Oil and Gas Board welcomed the newcomers to the state. The name for the Society was chosen and plans were made for dinner meetings to be held on the first and third Tuesdays of each month.

The following committees were appointed:

Program Committee:

Pat Meholin, Sells Pet. Co. (Chairman)

D.C.Harrell, Carter Oil Co.

Max R. Sartain, Consulting Geologist.

Membership and By-laws Committee:

L. R. McFarland, Magnolia Pet Co. (Chairman)

Arthur Wedel, Pure Oil Co.

Harlan Taylor, Petty Geophysical Co.

The thirty eight members who attended the first meeting are listed on the attached sheet, together with the names of prospective members who reside in this area but who were not present.

1
NAMES OF GEOLOGISTS PRESENT AT LUNCHEON 11-28-39,
EDWARDS HOTEL, WHEN MISSISSIPPI GEOLOGICAL SOCIETY
WAS ORGANIZED

- 1 Tom Anderson - Ph. 3-2370 --- Carter Oil Co.
P. O. Box 1490 601 E. Silas Brown St.
Jackson, Miss.
- 2 R. M. Ashley - Ph. 2-2310 --- Ark. Fuel Oil Co.
632 Buena Vista St.
- 3 John N. Berg - Ph. 4-6754 --- Pure Oil Co.
Hooker St.
Jackson, Miss.
- 4 W. Grant Blanchard --- Independent
Edwards Hotel - Ph. 4-7741
- 5 Walter M. Burress --- Independent
Edwards Hotel - Ph. 4-7741
Box 1096
- 6 Harry M. Buchner - Ph. 3-2370--- Carter Oil Co.
P. O. Box 1490 601 E. Silas Brown St.
Jackson, Miss.
- 7 Jack R. Cooper - Ph. 4-8121 --- Geophysical Service, Inc.
Box 483 Jackson, Miss.
- 8 C. C. Dickinson -Ph. 4-4111 --- Geophysical Service, Inc.
Jackson, Miss.
- 9 Edward G. Dobrick --- The California Co.
225 Elm St.
Jackson, Miss.
- 10 E. H. Finch - Ph. 3-1661 --- Independent
Robt. E. Lee Hotel (home address-926 Merida St.
San Antonio, Tex.)
- 11 E. L. Fipps - Ph. 4-7741 --- Plymouth Oil Co.
Edwards Hotel
- 12 Edwin D. Gaby - Ph. 4-4111 --- Geophysical Service, Inc.
Lampton Bldg., Jackson, Miss.
- 13 D. C. Harrell - Ph. 2-0401 --- Carter Oil Co.
601 E. Silas Brown St.
Jackson, Miss.
- 14 Urban B. Hughes- Ph. 2-2822 --- Independent
605 Tower Bldg., Jackson, Miss.
- ★ 15 Geoffrey Jeffreys-Ph.3-2796 --- Independent
908 Fairview St.
- 16 F. R. Kittredge - Ph. 2-3931--- Petty Geophysical Engr. Co.
Deposit Gty Bank Bldg.
- 17 F. H. Leach, Jr.-Ph. 4-4111 --- Geophysical Service, Inc.
Jackson, Miss.
- 18 C. L. Morgan - Ph. 2-1744 --- Independent
Mt. Vernon St.
- 19 R. W. Mallory - Ph. 4-9892 --- Stanolind Oil & Gas Co.
Box 2031
4059 Pinhill Dr.
- 20 O. B. Manes - Ph. 3-1961 --- Independent Exploration Co.
1828 Robinson St. 501 Millsaps Bldg.
Ph. 4-6356
- 21 J. R. Maxey - Ph. 3-2370 --- Carter Oil Co.
Box 1490 601 E. Silas Brown St.
Jackson, Miss.

- 20 Pat Meholin - Ph. 4-4131 --- Sells Pet., Inc.
Lampton Bldg.
- 21 Frederic F. Mellen
University, Miss. - Ph. Oxford 403 -
- LANDMAN* 24 J. S. Miller - Ph. 3-1861 --- Devonian Oil Co.
Robt. E. Lee Hotel
- 25 H. M. Morse - Ph. 3-2386 --- State Oil & Gas Supervisor
Jackson, Miss.
- 26 Dr. W. C. Morse --- State Survey,
University, Miss.
- 27 Tom McGlothlin - Ph. 4-5753 --- Gulf Ref. Co.
Alta Woods Blvd.
- 28 L. R. McFarland - Ph. 4-5904 --- Magnolia Pet. Co.
506 Millsaps Bldg.
- 29 Lloyd S. Parker - Ph. 4-6765 --- Tex. Pacific Coal & Oil Co.
622 Arrowhead Dr.
- 30 H. B. Peacock -
Jackson Phone 4-4111 Geophysical Service, Inc.
Houston, Tex.
- 31 C. F. Scott - Ph. 4-4111 --- Geophysical Service, Inc.
225 Elm St. Jackson, Miss.
- 32 John D. Storm - Ph. 4-4111 --- Geophysical Service, Inc.
225 Elm St.
- 33 Max R. Sartain - Ph. 4-7425 --- Consulting Geologist
1133 N. West St.
- 34 Harlan Taylor - Ph. 2-3931 --- Petty Geophysical Co.
Deposit Cty Bank Bldg.
- 35 *H.S. Thomas - 1619 Petroleum Bldg. Okla. City Okla.*
- 36 Langdon C. Tennis - Ph. 2-1606 --- Plymouth Oil Co.
740 Manship St.
- 37 Wade W. Turnbull - Ph. 3-2370 --- Carter Oil Co.
601 E. Silas Brown St.
Jackson, Miss.
- 38 Henry N. Toler - Ph. 2-1187 --- Southern Nat'l Gas Co.
4073 Redwing
Ph. 4-6396 Deposit Cty Bank Bldg.
- 39 Arthur Wedel* - Ph. 4-6754 --- Pure Oil Co.
1410 St. Ann St.

Dec. 5, 1939

The Society met at a dinner meeting in the Edwards Hotel at 7:00. Forty five members attended. After the minutes of the previous meeting were read and approved, L.R. McFarland, chairman of the Membership and By-Laws Committee, read a copy of the Constitution and By-Laws for the approval of the Society. There was some discussion regarding 1) The duties of the program committee; and 2) the time and number of regular meetings per month. By popular vote the attached Constitution and By-Laws were approved.

Pat Meholin, chairman of the Program Committee gave his report, and introduced the speaker of the evening, H. M. Morse, State Oil and Gas Supervisor. The subject of his talk was "Existing Oil and Gas Laws in Mississippi". He read the rules governing production of oil and gas in the Tinsley Field, Yazoo, Co. Mississippi, which set forth a spacing, and casing program, gas-oil ratio allowable, provision for proration, etc. In closing his talk he made some mention of the part that the Mississippi Geological Society might play in co-operating with the state legislature in enacting new regulations, or preventing the enactment of unwise regulations in Mississippi. Urban B. Hughes cited an example of a meritorious bill that last year failed to pass the legislature due to an undiplomatic presentation. It was suggested that the president appoint a committee to co-operate with the Legislature and politicians in working out new rules and regulations for the oil industry. The members of this committee will be announced later.

The meeting adjourned at 9:20 p.m.

MINUTES OF THE MISSISSIPPI

GEOLOGICAL SOCIETY

A regular meeting of the Mississippi Geological Society was called to order by the President, Mr. Henry Toler, on Tuesday, December 19, 1939 at 7:30 P.M. in the Edwards Hotel.

As the next scheduled meeting would fall on the day after New Year's, a motion was made to postpone the meeting until Wednesday evening, January 3rd.

The subject of field trips was brought before the Society by Mr. Toler, and it was decided that a special committee should be appointed to arrange for field trips.

Mr. Mehalin, Chairman of the Program Committee, asked for suggestions as to the time to have the dinner dance, and, after some discussion, it was agreed that the most appropriate time would be in February. The exact date is to be announced later.

The speaker of the evening,
Mr. Urban B. Hughes, gave an introductory
paper on the General Geology of Mississippi.
He made a resume of the first geological
reports on Mississippi and gave a brief
history of the early State surveys. Mr.
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The program of technical papers for the year was outlined as follows:

1. General Geology of Mississippi.
2. Geophysical Problems Pertaining to Mississippi
3. Mississippi Stratigraphy - Recent to Miocene.
4. Geology of the Tinsley Dome.
5. Mississippi Stratigraphy - Oligocene.
6. Geology of Northeastern Mississippi.
7. Mississippi Stratigraphy - The Jackson Formation and the Claiborne Group.
8. Igneous Intrusions and Extrusions.
9. Mississippi Stratigraphy - The Midway and Wilcox Groups.
10. Geology of Northwestern Mississippi.
11. Mississippi Stratigraphy - The Cretaceous Formations.
12. Geology of the Sparta - Wilcox Trend.

Jackson, Mississippi
February 13, 1940

REMARKS REGARDING THE AREA VISITED BY THE MISSISSIPPI
GEOLOGICAL SOCIETY FIELD TRIP FEBRUARY 10 & 11, 1940

I have been under the impression that a difference of opinion exists as to whether or not the Bucatanna formation, as recognized at the type locality in Wayne County and extending west through Smith County, can be traced and identified in the Vicksburg-Jackson area. It seems to me that the exposure of brown to black carbonaceous shale which we saw on the south bluff of the Big Black River a few miles west of Edwards, Mississippi, as well as the section of brown shale north of Vicksburg (Stop #7), might be correlated with the eastern exposure of Bucatanna. Both exposures mentioned overlie the Byram Marl. If this bed could be found at reasonable intervals, it should be a fairly reliable marker for surface mapping.

At Stop #1, in Wayne County, the Yazoo Clay-Red Bluffs contact was seen. This contact is assumed to be marked by a thin limonitic bed. The fact that at least three of these beds can be seen at intervals of from two to six feet and that gypsum crystals, which are characteristic of Red Bluffs, can be found at some distance both above and below the contact, might make the determination of its exact position a valuable study.

Another point of particular interest to me was the Catahoula-Upper Chickasawhay contact which is exposed on Patton Creek southeast of Waynesboro (Stop #6). There seems to be a definite break of deposition, but the upper member, which would be basal Catahoula, contained apparent

small macro-fossil casts. This seems interesting because the Catahoula is generally described as, and assumed to be, non-fossiliferous, with the exception of an intermittent zone in the upper portion.

Wade Turnbull

Jackson, Mississippi
May 23, 1940

MINUTES OF MISSISSIPPI GEOLOGICAL SOCIETY

The last meeting of the season was a dinner meeting held in the Edwards Hotel. A report was made by Mr. Wedel of the committee on summer study groups. He stated that there were to be two study groups: one to work on that part of the section from the base of the black shale to the red beds and the other to study from the red beds down. In a discussion that followed, both Mr. Hughes and Mr. Dawson commented favorably on the organization of study groups.

Mr. Harrell reported that the Program Committee planned a picnic or barbecue to be held during the summer.

The technical paper of the evening was read by Mr. Stanley Wilcox of the S. S. C. on "Gamma Ray Well Logging". Mr. Wilcox discussed the adaptation of the measurement of radioactivity of the various types of formations penetrated in wells and the possibility of making correlations of radioactivity logs. He pointed out the fact that the radioactivity of shale is higher than that of limestone or sandstone and that a maxima of radioactivity is shown at an unconformity. Although this method is not used to determine the presence of oil bearing formations, it is of special interest to learn that the Gamma Ray Survey can be made through one or even several strings of casing.

A general discussion followed the paper and President Henry Toler closed the meeting with the statement that the Society would adjourn until the first Tuesday in October 1940.

The program of technical papers for the year was outlined as follows:

1. General Geology of Mississippi.
2. Geophysical Problems Pertaining to Mississippi
3. Mississippi Stratigraphy - Recent to Miocene. Jan 16th
4. Geology of the Tinsley Dome. 30
5. Mississippi Stratigraphy - Oligocene. 2/13
6. Geology of Northeastern Mississippi. 2/27
7. Mississippi Stratigraphy - The Jackson Formation and the Claiborne Group. 3/12
8. Igneous Intrusions and Extrusions. 3/26th
9. Mississippi Stratigraphy - The Midway and Wilcox Groups.
10. Geology of Northwestern Mississippi.
11. Mississippi Stratigraphy - The Cretaceous Formations.
12. Geology of the Sparta - Wilcox Trend.