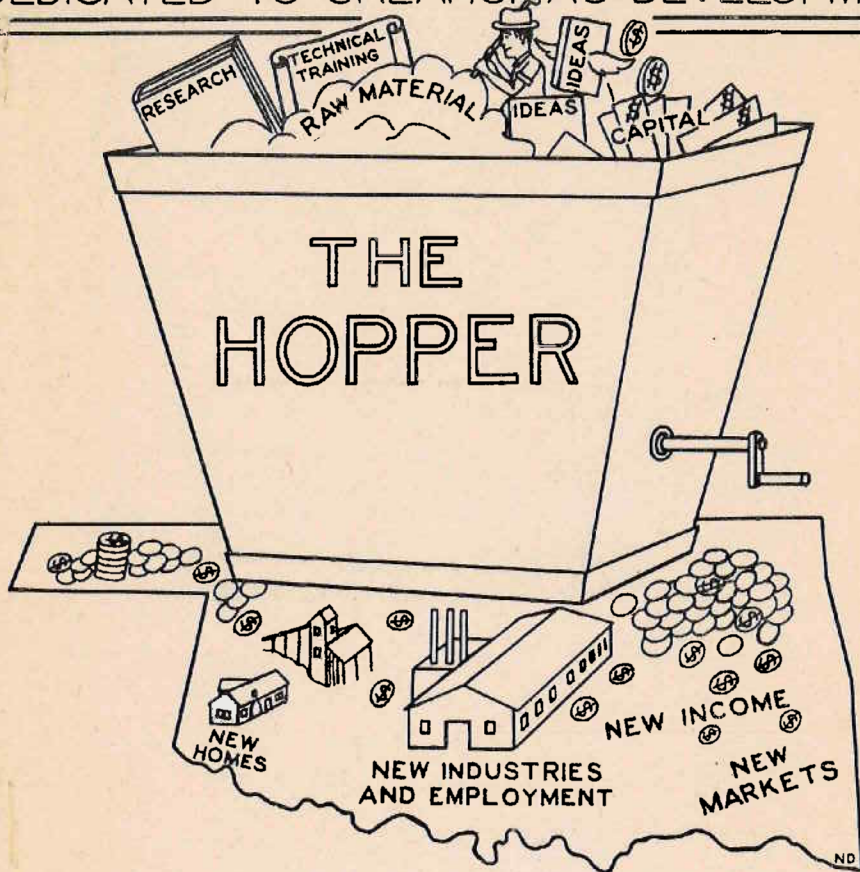


DEDICATED TO OKLAHOMA'S DEVELOPMENT



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GUIDE BOOKS AND ROAD LOGS OF OKLAHOMA GEOLOGY

Geologic guide books are of unusual value to geologists in several ways: they commonly present ideas and work not available in printed form; they are normally issued before formal reports are presented; they describe and give directions for reaching the best and most important localities. In the following pages are listed all of the guide books and road logs known to us that deal with Oklahoma geology. In the following text the guide books are given alphabetically under the name of the sponsoring organizations. The date of the trip, names of leader or leaders, contents of book, and availability are given. The form is similar to that of Report No. 4 of the American Geological Institute, "Geological Guide Books and Road Logs in the United States," and that useful report was drawn upon for some of the data.

GEOLOGIC GUIDE BOOKS AND ROAD LOGS IN OKLAHOMA

Compiled by Garland Watts

ARDMORE GEOLOGICAL SOCIETY

1. The Pennsylvanian of the Ardmore Basin north and south of Ardmore, Oklahoma.
March 14, 1936
Leaders—Linn M. Farish and O. A. Seager
38 pp. (mimeographed), 1 map, columnar sections of Dornick Hills, Deese, and Hoxbar formations.
Out of Print
2. The pre-Pennsylvanian of the Ardmore Basin.
April 4, 1936. Not seen.
Out of Print

3. Ardmore to the Wichita Mountains.
April 18, 1936. Not seen. Out of Print.
4. Correlations of the Pennsylvanian System of the
Ardmore Basin. Discussion meeting.
May 5, 1936
Speakers--Maynard P. White and Jerome Westheimer
8 pp., correlation chart and columnar section.
Out of Print
5. Ardmore to the Ouachita Mountains, Oklahoma.
June 6, 1936
Leaders--H. L. Griley, W. L. Russell and
E. W. Morgan
21 pp. (offset), 2 maps, cross section, plate
of fossils.
Out of Print
6. The Hoxbar and Upper Deese Formations South of
Ardmore, Oklahoma.
March 13, 1937
Out of Print. Not seen.
7. Structure of the Criner Hills.
May 15, 1937
Out of Print. Not seen.
8. Lower Pennsylvanian of the Berwyn and Baum Areas.
April 23, 1938
Out of Print. Not seen.
9. Washita Valley Fault System and Adjacent
Structures.
May 4-5, 1940
Leader--C. W. Tomlinson
Guide Book, 10 pp. (offset), 4 maps.
Out of Print

10. A structural and stratigraphic consideration of the Arbuckle Mountains and the Criner Hills.
June 28-29, 1946
Leader--W. E. Ham and C. W. Tomlinson
20 pp. (offset), 2 maps, columnar section, air photo.
Out of Print.
11. Study of Pennsylvanian formations, Ardmore area, Oklahoma.
June 18-19, 1948
Leaders--C. W. Tomlinson, J. M. Westheimer
9 pp. (offset), 7 maps and cross sections. \$2.00
12. Study of structure and stratigraphy in Arbuckle Mountains and related structures in Carter, Murray, and Johnston Counties, Oklahoma.
May 26-27, 1950
Leaders--C. W. Tomlinson, H. T. Weichbrodt, W. E. Ham, R. J. Dunham
11 pp. (offset), 11 plates. \$2.00
13. Study of Paleozoic structure and stratigraphy of the Arbuckle and Ouachita Mountains in Johnston and Atoka Counties, Oklahoma.
April 25-26, 1952
Leaders--C. W. Tomlinson, Thomas A. Hendricks, Rolf Engleman
7 pp. (offset), 10 plates. \$3.00.
14. Southern part of Oklahoma Coal Basin
October 15-16, 1954
Field trip committee--William McBee, Jr., Chmn.
Field Trip Councilors--C. C. Branson, B. H. Harlton, T. A. Hendricks
28 pp. (offset), map, cross section and correlation chart. \$4.00.

Field trip of April, 1955. See Oklahoma Geological Survey.

ASSOCIATION OF AMERICAN STATE GEOLOGISTS

15. First Day--From Ardmore along highway across the Arbuckle Mountains, around the Eastern end of the Arbuckle Mountains and back to Ardmore.

Second Day--Griner Hills.

Third Day--The Pennsylvanian of Southern Oklahoma and the adjacent area of Texas.

October 4-5-6-7-8, 1929.

Leaders--C. N. Gould and E. H. Sellards

Under the auspices of the Oklahoma Geological Survey and the Texas Bureau of Economic Geology.

Road Log. 9 pp. (mimeographed), 2 maps.

Out of Print

INTERNATIONAL GEOLOGICAL CONGRESS

16. Sixteenth. Tulsa to Cushing to Oklahoma City to Ardmore 1933.

Leader--W. E. Wrather, T. E. Weirich, H. H. Charles, C. W. Tomlinson

91 pp., 13 plates, 28 figures, \$0.35.

Secretary, Geological Society of America

419 W. 117th Street

N. Y. 27, New York.

KANSAS GEOLOGICAL SOCIETY

17. Fifth Annual Field Conference. Wichita, Arbuckle and Ouachita Mountains.

August 30-Sept. 5, 1931

Leaders--C. E. Decker, John Fitts, Frank Gouin, C. W. Honess, H. D. Miser, C. W. Tomlinson, G. C. Branner, K. K. Landes.

97 pp. (offset), map

Cut of Print

18. Seventh Annual Field Conference. Southern Missouri, Northern Arkansas and Northeastern Oklahoma.
September 3-7, 1933 Oklahoma part, Sept. 7.
Leader--Ira H. Cram in Oklahoma
52 pp. (offset). 2 mimeographed pages.
Out of Print
19. Eight Annual Field Conference
Southwestern Kansas, Southeastern Colorado, Northeastern New Mexico, Panhandle of Texas, Northwestern Oklahoma.
Sept. 1-4, 1934
Leaders--R. L. Heaton, Ben Parker, H. W. Osborne
A. C. Tester
71 pp. (Offset)
Out of Print
20. Eleventh Annual Field Conference. Southeastern Kansas and Northeastern Oklahoma. Upper Carboniferous Rocks of Southeastern Kansas and Northeastern Oklahoma, Raymond C. Moore pp. 9-14.
Guide to Field Study of Pennsylvanian Rocks in Southeastern Kansas and Northeastern Oklahoma. (Pittsburg to Independence, Kansas.) Raymond C. Moore, pp. 24-34.
The Missouri-Virgil Boundary in Southern Kansas and Northern Oklahoma, Raymond C. Moore and Norman D. Newell, pp. 37-39.
Definition and Classification of the Missouri Subseries of the Pennsylvanian Series in Northeastern Oklahoma, Raymond C. Moore, Norman D. Newell, Robert H. Dott and Joseph L. Borden, pp. 39-43.
Guide to Field Study of Pennsylvanian Rocks in Southeastern Kansas and Northeastern Oklahoma. (Independence to Coffeyville, Kansas)
Raymond C. Moore, pp. 44-84
Petroleum Geology of Nowata and Washington Counties

- Oklahoma. T. E. Weirich, pp. 85-92.
 The Tri-State Zinc-Lead District, Kenneth K. Landes, pp. 96-97.
 Annotated Index of Stratigraphic Terms used in Pennsylvanian and Lower Permian Sections of Southeastern Kansas and Northeastern Oklahoma, Raymond C. Moore, pp. 99-106.
 Sept. 3-6, 1937
 Leaders--Robert H. Dott, John M. Jewett, G. E. Abernathy, and Joseph L. Borden
 108 pp. (offset) geologic map, correlation charts and columnar sections.
 Out of Print

NORTH TEXAS GEOLOGICAL SOCIETY

21. Cambrian and Ordovician Rocks of the Wichita Mountains
 May 24, 1947
 Leaders--W. E. Ham and E. A. Frederickson
 10 pp. (mimeographed) 1 map

OKLAHOMA ACADEMY OF SCIENCE

22. Geology Field Trip. Ozark area.
 May 3, 1947
 Leader--Carl A. Moore
 7 pp. (mimeographed) road log and columnar section.
 Out of Print
23. Geologic Road Log. Muskogee to Prague, Oklahoma
 May 4, 1947
 Leader--M. C. Oakes
 Road Log, 7 pp. (mimeographed)
 Out of Print

Trip of Nov. 4-5, 1950 (See Oklahoma City Geological Society)

24. Okla. Academy of Science and Sigma Gamma Epsilon.
Eastern Part of Ouachita Mountains
April 26-27, 1952
Leader--Hugh D. Miser
9 pp. (mimeographed) maps
Out of Print
25. Boiling Springs State Park, Woodward, Oklahoma
May 2, 1953
Leader--R. L. Clifton
7 pp. (mimeographed) road log, correlation chart
Out of Print
26. Dwight Mission to Tahlequah
May 7, 1955
7 pp. (dittoed) columnar sections. Not available.
Leaders--Harold E. Enlows, Ralph A. Brant

OKLAHOMA CITY GEOLOGICAL SOCIETY

27. Field Trip to North Central Oklahoma
June 1, 1930 (First Field Trip)
Leader--Fritz Aurin and J. V. Howell
Road Log and columnar section, 5 mimeographed
pages
Out of Print
28. Second Field Conference. Ponca City to Pawhuska,
Oklahoma.
Oct. 12, 1930
Leader--Robert Roth
Road Log, 5 pp. (mimeographed), and columnar
section
Out of Print
29. Field Conference. Western Oklahoma.
Dec. 13-14, 1930
Leader--Noel Evans (Out of Print)
2 pp. (mimeographed), map and columnar section

30. Highway Geology of Oklahoma.
Contribution to the 17th Annual Convention
of the A.A.P.G.
March 24-25, 1932
Publication Committee--A. H. Richards, George
O. Williams, and Noel Evans.
67 pp. Out of Print
31. Second Annual Outing
1935. Sulphur-Ada
Leaders--John Fitts, Hubert E. Bale, and J. T.
Richards
3 pp. (Typed Road Log.)
Not available
32. A Study of the Simpson Formation.
Sec. 24-25, T. 2 S., R. 1 W.
Oct. 17, 1936
Leader--C. E. Decker
8 pp. of maps and columnar sections
Out of Print
33. Study of the Simpson formation.
sections 5-8-17- 2 S- 1 W.
Nov. 21, 1936
Leader--C. E. Decker
Microscopic Fossils--R. W. Harris
8 pp. of maps and columnar section
Out of Print
34. A Study of the Simpson Formation
Sec. 2-12, T. 1 N., R. 6 E.
March 5-6, 1937
Leader--C. E. Decker
5 pp., 3 illustrations
Out of Print

35. Anadarko Basin Field Trip.
March 19-20, 1939
Leaders--D. A. Green, N. W. Bass, A. Wedel,
O. E. Brown, R. P. Lehman
42 pp. (offset), 14 illustrations, 1 map and 13
columnar sections.
Out of Print
36. Structural and stratigraphic features of the
Wichita Mountains.
March 15-16, 1940
Leader--Charles E. Decker
33 pp. (offset), 2 plates
Out of Print.
37. The Mesozoic Rocks of the Oklahoma Panhandle.
May 29-30-31, and June 1, 1941
Leader--J. Willis Stovall, Edward Bloesch,
Stuart L. Schoff
33 pp. (offset), 16 illustrations
Out of Print
38. The Lower Permian and Upper Pennsylvanian of
North Central Oklahoma.
Nov. 14-15, 1946
Leaders--E. C. Parker, A. N. Murray and Malcolm
C. Oakes.
17 pp. (offset), maps and sections
Out of Print
39. The Pre-Cambrian and Ordovician Rocks of the
Wichita Mountain Area.
Oct. 22-23, 1949
Leaders--W. E. Ham, Gerald W. Chase and
E. A. Frederickson
16 pp., 8 illustrations
Available. \$2.00

40. Eastern Part of the Ouachita Mountains in Oklahoma
Nov. 4-5, 1950
Leader--Hugh D. Miser
39 pp. (offset), 2 maps
Available. \$2.50

Trip of April 24-25, 1953 See Oklahoma Geological Survey

Trip of May 14-15, 1954 See Oklahoma Geological Survey

OKLAHOMA GEOLOGICAL SURVEY

The Survey participated in a large number of field conferences from 1924 to 1930. These are listed with a notation of the report once available. Only those with road log are numbered.

First Geologic Field Conference. The Anadarko Basin
January 1924, 4 days
Conference of C. N. Gould and 7 other geologists.
One page typed itinerary on file.

Third Geologic Field Conference. Sulphur, Duncan,
Hobart, and Dozier
Arbuckle Mountains and Permian Sediments on the
South Side of the Anadarko Basin.
Nov. 30-Dec. 4, 1925
Leader C. N. Gould
Resume' 2 pp. (mimeographed). Not available.

41. Fourth Geologic Field Conference. Ada to Atoka.
Northeast Side of the Arbuckle and the Western
Margin of the Ouachita Mountains
Feb. 22-24, 1926
Leader-C. N. Gould
2 pp. (mimeographed) Road log by John Fitts,
2 pp., Not available.

Fifth Geologic Field Conference

Ponca City, Enid, and Guthrie. The Enid Formation.

March 8-10, 1926

Leader--Fritz Aurin

2 pp. (mimeographed). Not available

Sixth Geological Field Conference. Muskogee to

Tahlequah. Pre-Chattanooga Formations in the Ozark Mountains.

June 18-20, 1926

Leaders--C. N. Gould, Dave Logan

1 p. resume' (mimeographed). Not available

Seventh Geologic Field Conference. Hugo, Broken Bow, and Talihina. Ouachita Mountains.

Oct. 11-16, 1926

Resume' 2 pp. (mimeographed). Published in

A.A.P.G., Bull., Vol. 10, pp., 1306-1308.

Ninth Geological Field Conference. Ada, Atoka, and Seminole. Arbuckle Mountains and Pennsylvanian Strata.

Feb. 21-23, 1927

Leader--John Fitts

Resume' 2 pp. (mimeographed). Not available.

Tenth Geological Field Conference. Western end of Arbuckle Mountains and Ardmore Basin.

March 28-29, 1927

(mimeographed) Geologic Map and itinerary. 2 pp.

Out of Print

Eleventh Geological Field Conference. Cretaceous and Adjacent Formations in Northwest Oklahoma and Southern Kansas.

May 24-30, 1927

Resume' 2 pp. (mimeographed). Not available.

Twelfth Geological Field Conference. Johns Valley,
Pushmataha County. Erratic Boulders in the
Caney Shale.

June 24-25, 1927

1 page typed resume'

Thirteenth Geological Field Conference

McAlester, Antlers, Atoka, Ada, Ouachita and
Arbuckle Mountains

Feb. 18-23, 1928

Leader--John Fitts

3 pp. Resume' (mimeographed), 2 pp. itinerary.

Not available

**Fourteenth Geological Field Conference. (Joint
Conference with Kansas Geological Society.)**

Northwestern Oklahoma and Southern Kansas.

Object: To Correlate Upper Enid Group

April 13-15, 1928

Leader--L. W. Kesler

3 pp. Resume' (mimeographed). Not available

**42. Fifteenth Geological Field Conference. Type
Localities in Arbuckle Mountains.**

April 11-14, 1929

Road Log and Resume' 21 pp. (mimeographed). Not
available

Sixteenth Geological Field Conference.

Permian beds at Southeast end of Anadarko Basin

Nov. 22-24, 1929

1 page typed resume' on file.

Seventeenth Geological Field Conference

Anthony, Ashland, Kansas

Fairview, Weatherford, Oklahoma

Type localities of Permian Red Beds.

April 11-13, 1930

Leaders--H. L. Griley and C. N. Gould

5 pp. itinerary, 9 pp. resume', and 2 maps
(mimeographed). Not available

43. Eighteenth Geological Field Conference
The Simpson Formation of the The Arbuckle Mountains
June 12-14, 1930
Leaders--C. E. Decker, Rex McGehee, and E. O. Ulrich
6 pp. road log, 5 blue line columnar sections and map. Not available.
44. Nineteenth Geological Field Conference
Titled, "Fall Field Meeting of the Society of Economic Palentologists and Minerologists".
Arbuckle Mountains
Oct. 24-26, 1930
Leaders--C. W. Tomlinson and John Fitts
Road Log (mimeographed) 14 pp. and maps.
Not available
- Twentieth Geological Field Conference. Arbuckle Mountains.
Sept. 26-28, 1930
Leaders--Clyde Becker and J. V. Howell
2 pp. (mimeographed) resume. Not available.
45. Geologic road log
Tulsa to Sulphur, by D. A. Greene
Sulphur to Turners Falls, by C. E. Decker
March 21-22, 1926
6 pp. (mimeographed). Not available.
46. Ardmore, Ada Field Trip
June 13-17, 1934
Leaders--Robert M. Whiteside and R. E. Shutt
26 pp. Discussion, 2 plates.
12 pp. Road Log (typed). Not available
- Mineral Resources Field Trips
47. Wichita Mountains Field Conference
June 20-22, 1930
Resume 3 pp. (mimeographed). Not available

48. Ada District
Nov. 30, 1945
Leader--W. E. Ham
18 pp. (mimeographed). \$0.25
49. Wichita Mountain District
May 21, 1946
Leader--W. E. Ham
14 pp. (mimeographed), map, \$0.25
50. Ada District
Nov. 8-9, 1946
Leader--W. E. Ham
19 pp. (mimeographed). \$0.25
51. Arbuckle Mountains (for Industrial Minerals Division
of Amer. Inst. Min. Met. Engineers)
Oct. 19-20, 1950
Leader--W. E. Ham
30 pp. (mimeographed). \$0.25

Industrial Tour

52. Manufacturing districts of Tulsa and Sand Springs
Nov. 18, 1947
Leader--Malcolm C. Oakes
9 pp. (mimeographed). \$0.25
- Oklahoma Geological Survey and
Oklahoma City Geological Society
53. Guide Book I. Field Conference on Pre-Atoka Rocks
in Western Part of the Ozark Uplift, Northeast
Oklahoma.
April 24-25, 1953
Leader--George G. Huffman
41 pp. (offset). \$1.10.

Oklahoma Geological Survey and
Oklahoma City Geological Society

54. Guide Book II. Field Conference on Des Moinesian
Rocks of Northeastern Oklahoma.
May 14-15, 1954
Leader--Carl C. Branson
41 pp. (offset). \$1.10

Oklahoma Geological Survey and
Ardmore Geological Society

55. Guide Book III. Geology of the Arbuckle Mountain
Region
April 22-23, 29-30, 1955
Part 1. Geology of the Arbuckle and Timbered
Hills Groups
Part 2. Regional Stratigraphy and Structure of
the Arbuckle Mountain Region.
Leader--W. E. Ham
61 pp. (offset) 21 figs, map. \$4.00

PANHANDLE GEOLOGICAL SOCIETY

56. Dry Cimarron River Valley, Panhandle of Oklahoma,
and Adjoining Area.
May 16-17-18, 1946
Leaders--Wm. F. Earl, Don B. Gould and Chas S.
Lovington
18 pp. (mimeographed), 4 maps and cross sections
Out of Print
57. Dry Cimarron Valley and the Lower Front Range
of the Rocky Mountains.
May 17-18-19, 1951
Leaders--W. D. Neiler, Don B. Gould and Harry
W. Osborne
23 pp. (offset) Road Log, map, \$5.00

58. Field Trip of the Dry Cimarron River Valley,
Panhandle of Okla., Northeastern New Mexico,
and the Lower Front Range of the Rocky
Mountains, Southeastern Colorado.
May 18-20, 1955
Leader--W. H. McConnell
Road Log--?

SHAWNEE GEOLOGICAL SOCIETY

59. A study of surface rocks, Calvin Sandstone to
Permian
April 2, 1938
Leader--Robert H. Dott
12 pp. (typed). Not available
60. A Study of Surface Rocks from McAlester Shale to
Thurman Sandstone, Pittsburg County, Oklahoma
June 18, 1938
Leader--T. A. Hendricks
12 pp. (mimeographed). Out of print.

SHREVEPORT GEOLOGICAL SOCIETY

51. 6th Annual Field Trip.
June 9-10, 1928
Northeast Texas and Southeast Oklahoma.
Road log, 4 typed pages. Not available.

SIGMA GAMMA EPSILON

62. Criner Hills Field Trip
April 19, 1947
Leaders--John W. Branson, Howard A. Garaas,
Edward V. Harrison, Joseph Lintz, Jr.,
W. D. Rogers, and W. W. Stevens
8 pp. (mimeographed) maps and diagrams
Out of Print

63. Part I. Cambrian Stratigraphy of the Wichita Mountains.
Part II. Stratigraphy and Structure of the Criner Hills.
Dec. 12-13, 1953
Leaders--E. A. Frederickson and K. Arbenz
21 pp. (hctographed), Road Log. \$0.25

Trip of April 26-27, 1952
See Oklahoma Academy of Science.

TULSA GEOLOGICAL SOCIETY

64. Tulsa to Choteau and Grand River Area and Return
Oct. 18, 1941
Leaders--R. A. Brant and L. E. Fitts
9 pp. (mimeographed), 1 map. Geologic column and cross section. Out of Print.
65. Pennsylvanian Stratigraphy of Tulsa County
Nov. 22, 1941
Leader--Malcolm C. Oakes
8 pp. (mimeographed), columnar section
Out of Print
66. Pennsylvanian and Mississippian Rocks of Eastern Oklahoma.
May 11, 1946
Leaders--L. E. Fitts, Jr. and R. A. Brant
17 pp. (mimeographed) 2 maps, columnar sections
Out of Print
67. Field Conference in Western Part of the Ouachita Mountains in Oklahoma
May 8-9-10, 1947
Leader--T. A. Hendricks
56 pp., 16 illustrations, 1 cross section.
Out of Print

68. Field Guide. 1950-1951 Season (4 trips)
Tri-State Field Trip to Eagle Picher Mining and
Smelting Company's Mines and Mills. Joplin, Mo.
Oct. 28, 1950
Leader--Harold E. Enlows
Pp. 5-7
69. Coody's Bluff to Burbank, Oklahoma. Bartlesville.
Dec. 9, 1950
Leaders--Murray J. Wells, T. E. Weirich, Malcolm
C. Oakes, L. E. Fitts, Jr. and A. N. Murray.
Pp. 8-17
70. Tulsa to Spavinaw
April 7, 1951
Leaders--John H. Gatchell and L. E. Fitts, Jr.
Pp. 19-24
71. Kansas, Oklahoma, to Marble City, Oklahoma.
May 12, 1951
General Log--Robert J. Lantz and L. E. Fitts, Jr.
Discussions--James H. Montgomery, Hugh D. Miser
and Carl A. Moore
Pp. 27-35
- Field Guide (Red Guide Book) \$1.00 plus 8 cents postage,
35 pages.
Tulsa Geological Society 1950-1951 Field Season
Contains 68, 69, 70, 71
Clement Weintz, Business Manager
Stanolind Oil and Gas Company
Box 591
Tulsa, Oklahoma.
72. Tulsa-Woolaroc-Bartlesville
Geology and Biology road log north and east of
Tulsa.
May 22, 1954
R. A. Brant, A. N. Murray, Jack Walper, Harriet
G. Barclay, Ralph W. Kelting, H. D. Chase
57 pp. (offset), 4 maps, 4 illustrations. \$1.08.