Ralph Arnold Papers: Finding Aid

Finding aid prepared by Huntington Library staff.
The Huntington Library, Art Collections, and Botanical Gardens
Manuscripts Department
1151 Oxford Road
San Marino, California 91108
Phone: (626) 405-2191
Email: reference@huntington.org
URL: http://www.huntington.org
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Overview of the Collection
Title: Ralph Arnold Papers
Dates (inclusive): 1836-1961
Collection Number: mssArnold papers
Extent: Approximately 200,000 pieces in 257 boxes
Repository: The Huntington Library, Art Collections, and Botanical Gardens. Manuscripts Department
1151 Oxford Road
San Marino, California 91108
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Abstract: This collection contains the extensive business, political, personal, and family papers of American geologist and petroleum engineer Ralph Arnold (1875-1961). Subjects represented in the collection include: mining, petroleum, and seismology in the Western United States as well as Canada, Mexico, Cuba, South America, etc.; political papers from 1914-1956, mostly concerning the campaign of Herbert Hoover for president; family and personal papers (1836-1961) of Arnold and his father, Delos Arnold, containing source material on Pasadena and Southern California local history.
Language: English.

Access
Open to qualified researchers by prior application through the Reader Services Department. For more information, contact Reader Services.

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Preferred Citation
[Identification of item]. Ralph Arnold Papers, The Huntington Library, San Marino, California.

Provenance
Gift of Ralph Arnold, 1955-1961. The maps were presented to the Huntington Library in January 1955.

Biographical Note
American geologist and petroleum engineer Ralph Arnold (1875-1961) was born in Marshalltown, Iowa, on April 14, 1875. His father, Delos Arnold (1830-1909), was a lawyer and Iowa state senator who became interested in the study of fossils after the discovery of crinoids fossils in LeGrand, Iowa. The Arnolds moved to Pasadena, California, in 1886, and Ralph attended both Pasadena High School and Throop Polytechnic School (now the California Institute of Technology) before receiving a B.A. in geology and mining from Stanford in 1899. He continued at Stanford to complete an M.A. (1900) and Ph.D. (1902) in geology and paleontology. In 1899, Arnold married Frankie Winninette Stokes. The couple had two daughters, Winninette, who married chemist Richard M. Noyes, and Elizabeth (McKee).
Arnold worked for the United States Geological Survey (USGS) from 1900 to 1909, and from 1903-1909 published a variety of paleontological articles. He was active in petroleum surveys throughout the United States, and organized the Petroleum Branch of the United States Bureau of Mines. In 1910, Arnold left the USGS. Herbert Hoover, Arnold’s former colleague at Stanford, then in London as a consulting engineer for Gold Fields, Ltd. of South Africa, recommended Arnold to that company for a survey of oil resources in Venezuela, about which experiences Arnold later published a book, The First Big Oil Hunt: Venezuela, 1911-1916. At that time there was a single oil well in Venezuela producing 40 gallons of oil per day. In 1958, the year Arnold published his book recording his spectacular success in Venezuela, the country was producing 2,500,000 barrels of petroleum per day. The survey, the most extensive and thorough of its kind ever undertaken in South America, was widely publicized throughout the world.
Arnold’s second survey, conducted for the General Asphalt Company in Northern Venezuela, employed, under Arnold’s direction, a staff of 52 geologists, engineers, drillers, etc. So successful was this venture, a Royal Dutch Shell Company paid General Asphalt $1,000,000 for 51 percent in General Asphalt’s Caribbean Petroleum Co.
After Arnold’s South American explorations between 1911 and 1916, he took up wild-catting, both in petroleum and in every conceivable kind of mineral, i.e. he joined the Independents, in contradistinction to the big oil companies. He
organized one exploratory company after another. His manipulations extended from Alaska to Mexico, all over the Far West and the South West, though the syndicates that Arnold organized failed.

In the 1920s Arnold’s interests turned to politics. He was an ardent Republican and served as chairman of three electoral committees for the Presidency in California and was actively involved in the Herbert Hoover presidential campaign. He remained committed to the California Academy of Sciences, the Cooper Ornithological Society, and the Sierra Club, among other organizations. Arnold died in Santa Barbara, California, in 1961.

Scope and Content
The collection contains letters, documents (including 190,000 reports), 1200 maps, 500 photographs, and 8200 pieces of printed material related to the life and career of geologist and petroleum engineer Ralph Arnold. Subjects represented in the collection include: mining, petroleum, and seismology in the Western United States as well as Canada, Mexico, Cuba, South America, etc.; political papers from 1914-1956, mostly concerning the campaign of Herbert Hoover for president; family and personal papers (1836-1961) of Arnold and his father, Delos Arnold, containing source material on Pasadena and Southern California local history. The collection also contains Arnold's field books, including those made at Stanford University with the U.S. Geological Survey (1900-09). Arnold's petroleum reports, numbering about 1,000 reports, extending all over the United States, Alaska, Canada, and Mexico, are a valuable resource for studying the Petroleum industry during this period.

- Ralph Arnold Addenda (Call number: mssArnold addenda)
- Ralph Arnold Santa Barbara-South coastal area field notes, 1929 (Call number: mssHM 83111)
- Ralph Arnold Photograph and Map Collection (Call number: photCL 311)

Arrangement
The collection is arranged in the following 16 series:
1. Family and personal papers, 1836-1961 (Boxes 1-11)
2. Business papers, 1890-1950 (Boxes 12-15)
3. General correspondence, 1899-1960 (Boxes 16-128)
4. Field books, 1899-1957 (Boxes 129-130)
5. Legal papers, 1911-1947 (Boxes 131)
6. Manuscripts, 1898-1960 (Boxes 132-134)
7. Maps, 1890-1954 (Boxes 135-138)
8. Memoranda and notes, 1901-1958 (Boxes 139-140)
9. Mining papers, 1875-1946 (Boxes 141-169)
11. Photographs (Box 218-220)
12. Political papers, 1914-1956 (Boxes 221-233b)
13. Seismological papers, 1887-1956 (Box 234)
14. Shells (Box 235)
15. Ephemera (Box 236-237)
16. Addenda: Printed material (Boxes 238-257)

Indexing Terms
The following terms have been used to index the description of this collection in the Huntington Library's Online Catalog.

Subjects
Arnold, Ralph, 1875-1961.
Hoover, Herbert, 1874-1964.
Geological Survey (U.S.)
Mines and mineral resources -- Canada.
Mines and mineral resources -- Cuba.
Mines and mineral resources -- Mexico.
Mines and mineral resources -- South America.
Mines and mineral resources -- West (U.S.)
Mineral industries -- West (U.S.)
Mining engineers -- West (U.S.) -- Archives.
Petroleum -- Geology -- Canada.
Petroleum -- Geology -- Cuba.
Petroleum -- Geology -- Mexico.
Petroleum -- Geology -- South America.
Petroleum -- Geology -- United States.
Petroleum engineering -- Canada.
Petroleum engineering -- Cuba.
Petroleum engineering -- Mexico.
Petroleum engineering -- South America.
Petroleum geologists -- California -- Archives.
Petroleum industry and trade -- United States.
Republican Party (U.S. : 1854- )
Seismology -- West (U.S.)
Pasadena (Calif.) -- History -- Sources.

**Forms/Genres**
Family papers -- United States.
Field notes -- United States.
Letters (correspondence) -- United States.
Maps -- United States.

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**Family and personal papers. 1836-1961**

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<tr>
<th>Box 1</th>
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<td>2. Delos Arnold and his wife, Hannah Richardson Mercer Arnold. 1830-1907</td>
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<td>a. Vital Records</td>
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<td>b. Resignation from Pasadena Board of Education</td>
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<td></td>
<td>c. Last Will and Testament of Hannah Richardson Mercer Arnold and related papers. 1905-1907</td>
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<td>3. Ralph Arnold and his wife: Winninette Stokes Arnold. 1901-1956</td>
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<td>b. Biographical Sketches. 1875-1944</td>
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<td>c. Our Feathered Friends, Wilson High School (manuscript). Dec. 7, 1892</td>
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<td>d. Round Table Debating Society. 1894-1896</td>
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<td>h. Certificates and Membership Cards, private and professional. 1904-1944</td>
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<tr>
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<td>j. Resignation from U.S. Geological Survey and Establishment of Private Practice as Consulting Geologist and Engineer. June 1, 1909</td>
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<td>l. Passport: Winninette Stokes Arnold. April 28, 1931</td>
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<td></td>
<td>m. Pioneer Papers: Old Timers Reunion. 1924, 1930</td>
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<td></td>
<td>n. Ralph Arnold - A Happy Memorial, by C. Fred Shoop. May 10, 1961</td>
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</table>

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Ralph Arnold Papers: Finding Aid
Family and personal papers. 1836-1961

Ralph Arnold Papers: Finding Aid

Box 3

IV. Business Papers

1. Belonging to Delos Arnold and/or his wife, Hannah Richardson Mercer Arnold 1867-1914
   a. Agreements. Undated-1906
   b. Bank Book. 1904-1914
   c. Certificates of Membership. 1888, 1907
   d. Certificates of Redemption. 1885, 1888
   e. Certificates of Title. 1888-1894
   f. East Riverside Water Co. 1895-1896
   g. Indentures. 1867-1901
   h. Insurance. 1877-1904
   i. Investments. 1880-1890
   j. La Mesa Packing Co. 1907-1908
   k. Ledgers (bound). 1886-1907
   l. Passports. 1873-1908
   m. Petitions. Undated
   n. Promissory Notes. 1895-1909
   o. Receipts. 1887-1909
   p. Right of Way. 1884
   q. Satisfaction of Mortgages. 1889-1899
   r. Taxes. 1887-1906
   s. Miscellany. 1895-1906

Box 4

V. Correspondence. 1836-1960

1. Arnold, Andrew and his wife, Lydia Wilbur Arnold to his brother, Joseph Arnold. March 19, 21, 1836
2. Arnold, Millard and his wife, Polly Arnold, to their children and grandchildren. 1843, 1852, 1853
4. Arnold, Delos to A-Z. 1899-1903
5. A-Z to Delos Arnold. 1894-1909
6. Arnold, Mr. or Mrs. Delos Arnold to their son, Ralph, and/or his wife, Winninette Stokes Arnold. 1889-1909
7. Arnold, Ralph to his father and mother, Mr. and Mrs. Delos Arnold. 1905-1907
8. Arnold, Ralph to his wife, Winninette Stokes Arnold. 1912-1946
9. Arnold, Ralph to his daughter, Elizabeth, and/or her husband, W.R. McKee. 1945-1946
10. Arnold, Ralph to his daughter, Winninette. 1935-1946
11. Arnold, Ralph to his niece, Shirley Wood. 1946-1947
13. Arnold, Winninette Stokes [Mrs. Ralph] to her husband, Ralph Arnold. 1912-1931
14. A-Z to Winninette Stokes Arnold. 1900-1934
15. A-Z to their cousins, Ralph and/or Winninette Stokes Arnold. 1902-1949
16. A-Z to Ralph and/or Winninette Stokes Arnold. 1899-1950
17. Holmes, M[ary] A[rnold] to her brother, Delos Arnold. 1895
18. [Holmes], Aunt Mary [Arnold] to her nephew Ralph and his wife, Winninette Stokes Arnold. 1902-1915
19. [Pierson], Aunt Libbie [Mercer] to her nephew Ralph and his wife, Winninette Stokes Arnold. 1923-1944
20. Stokes, Grandma A.E. to her granddaughter, Winninette [Mrs. Ralph Arnold]. 1900
21. Stokes, Frank to his daughter Winninette and/or her husband, Ralph Arnold. 1899-1907
22. Stokes [Mr. and Mrs. Frank] to their daughter Ora, and their son-in-law, Ralph Arnold. 1924, 1928
23. Stokes, Frank, Jr. to his sister, Winninette, Mrs. Ralph Arnold. 1899
24. [Stokes], Letta Arnold to her parents, Andrew and Rebecca Colburn Arnold and her sister, Mary Arnold Holmes. 1872
25. Ora Stokes to her brother-in-law, Ralph Arnold. 1903-1904
26. Stokes, W.H. to his niece, Winninette and her husband, Ralph Arnold. 1902
27. Walsworth, Anna M. [Mrs. Avery] to her nephew, Ralph Arnold. 1908
28. Miscellaneous. 1913-1946

VI. Diaries. 1872-1906

Boxes 5
Diaries: Delos, Arnold (1872-73, 1883, 1890-93)
Box 6
Diaries: Delos, Arnold (1894-98)
Box 7
Diaries: Delos, Arnold (1898-1903)
Box 8
Diaries: Delos, Arnold (1904-1906, also typescripts, 1890-1906)
Box 9
Diaries: Ralph Arnold
2. Ralph Arnold. 1897, 1899, 1902, 1904-1905, 1929, 1933, 1938-1952
Box 10
Diaries: Winninette Stokes Arnold and Ora Stokes
3. Winninette Stokes Arnold. 1902, 1903, 1907, 1912-1920, 1922, 1934
4. Ora Stokes. 1912

Box 11
VII. Photographs - Family + Personal
Materials re: Pasadena in the Gay Nineties.

Box 11a
Pasadena in the Gay Nineties, A-F
Box 11b
Pasadena in the Gay Nineties, G-R
Box 11c
Pasadena in the Gay Nineties, S-Z and miscellaneous
Box 11d
Photographs for Pasadena in the Gay Nineties.

Scope and Content Note
Loose photographs collected by Ralph Arnold in compilation of material for Pasadena in the Gay Nineties.

1. Alhambra (looking east on Main St. at Garfield). 1899
2. Arrowhead Springs Hotel
3. Bishop, Charles A.
4. Bishop (R.F.) Home. 1886
5. Brown, Ethelyn
6. Brown, Jason and Owen (John Brown's Sons) near a cabin on Brown's Trail
7. Butterfly Tea held at Carlton Hotel on Colorado Ave. between Raymond and Fair Oaks for benefit of Universalist Church. 1890
8. Camp "We-Do." July 30-Aug. 7, 1896
9. Catalina Picnic Group, (See p. 58, Eudora Chambers) 1880s
10. Church of the Angels
12. Clemson College
13. Coleman, Jennie, "Most loved teacher that ever lived in Pasadena. 1845-1923"
15. Columbia Hill Tennessee Club, S.W. corner Orange Grove and Columbia on Columbia Hill
16. Conger Family Photos
17. Conger Residence, "Conger Hill" - Orange Grove Avenue opposite Carmelita Gardens, built in 1888
18. Cooper Club. 1925
20. Glen Rosa Ranch, Orange Grove Avenue
21. Gnome Club. approximately 1889-1891
22. Jones, Dr. E. Edward, first principal of Garfield School. 1912-1932
23. Leithead Family Photos
24. Lloyd's (P.W.) Fruit Dryer, Pasadena. 1889
25. Martin (Clarence) Residence, Orange Grove Ave. 1888
26. McCormack, Dean of Episcopal Church (married Ralph Arnold and Winninette Stokes)
27. McMaster, Alonzo Jones, approximately 1880-1890 Camping Car (forerunner of modern Trailer)
28. Mission Road, San Gabriel
29. Moneyian Institute (on Mission Rd., south of Las Tunas, San Gabriel)
30. Mountains and Cañons near Pasadena (printed)
31. Nelmes, Thomas
32. Nelmes Group Photos. 1891
33. Orange Grove Ave. 1874
34. Orange Grove Ave. approximately 1880
36. Pasadena Panoramas
37. Pierce, Prof. Edward T., Early Superintendent of Pasadena Schools
38. San Gabriel Valley Bank
39. School Group, (Photo belonged to George Pierson) 1899
40. Sierra Madre Villa, young orange grove with mountains at back.
41. Spinsters' Club
42. Tournament of Roses, Jeanie Nelmes on horseback Jan. 1, 1894
43. Tournament of Roses. 1896
44. Universalist Church
45. "Wyngate" - So. Pasadena Home of the Grahams, meeting-place for many distinguished guests (clipping)
46. Unidentified photograph (some class or school)
47. Photograph Album belonging to Edson S. Turner (See p.240 of Pasadena in the Gay Nineties)

Business papers. 1890-1950

Scope and Content Note
These papers pertain only to the private business affairs Ralph and/or Winninette Stokes Arnold.

Box 12

Accounts, Assets, and Banks
I. Accounts. 1890-1933
II. Assets. 1916-1939
III. Banks. 1908-1947
   1. Bank of America, Los Angeles. 1930-1942
   4. Farmers & Merchants National Bank of Los Angeles. 1923-1942
   5. First National Bank of Pasadena. 1908-1932
   6. First Trust & Savings Bank of Pasadena. 1918-1947
   9. Pacific Southwest Trust & Savings, Pasadena. 1922-1925
  11. South Pasadena National Bank. 1928-1934

Box 13

Banks (continued), Income, Insurance, Investments
III. Banks (continued)
  12. Union National Bank of Pasadena. 1916-1922
IV. Income. 1908-1936, 1954-1955
V. Insurance. 1906-1949
VI. Investments (Other than mining and petroleum). 1909-1939
   1. Citrus Groves. 1909-1939
Business papers. 1890-1950

Ralph Arnold Papers: Finding Aid

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Box 14

Investments (continued)

VI. Investments (Other than mining and petroleum) (continued) 1909-1949
2. Land, Water and Cattle Companies. 1909-1947
4. Real Estate. 1908-1949

Box 15

Investments (continued), Leases, Promissory Notes, etc., Taxes

VI. Investments (Other than mining and petroleum) (continued) 1914-1945
5. Miscellaneous. 1914-1945

VII. Leases. 1917

VIII. Promissory Notes, Receipts, etc. 1912-1949

IX. Taxes: Federal, State, County and Municipal. 1906-1949

Correspondence, general. 1899-1960

Physical Description: 113 boxes

Scope and Content Note

For thirty years Arnold was considered one of the leading petroleum engineers and consultants in the United States. His prolific correspondence includes letters from practically all the leading scientists throughout the United States in his and related fields. Many of the writers were close personal friends.

Arnold filed various business papers, brief reports, legal papers, etc. with his correspondence for his own convenience and that of his office help. Whenever feasible, this order has been retained for the convenience of readers. Some correspondence pertaining to Mining and Petroleum companies and projects is filed with related papers in those series.
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Correspondence, general. 1899-1960

Ralph Arnold Papers: Finding Aid

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Box 108
1939 (P-Z)

Box 109
1940 (A-F)

Box 110
1940 (G-P)

Box 111
1940 (Q-Z)

Box 112
1941 (A-G)

Box 113
1941 (H-M)

Box 114
1941 (N-Z)

Box 115
1942 (A-H)

Box 116
1942 (I-Z)

Box 117
1943 (A-L)

Box 118
1943 (M-W)

Box 119
1944 (A-L)

Box 120
1944 (M-Z)

Box 121
1945 (A-L)

Box 122
1945 (M-W)

Box 123
1946 (A-L)

Box 124
1946 (M-W)

Box 125
1947 (A-O)

Box 126
1947 (P-X), 1948

Box 127
1949 (A-S)

Box 128
1950-1960

Field books. 1899-1957

Scope and Content Note
The field books cover a period of about a half a century. The earliest were kept while Arnold was getting his doctorate at Stanford, and the succeeding one, 1900-1904, written while Arnold was a member of the U.S. Geological Survey, furnish the basis for the work upon which Arnold established his professional reputation as a paleontologist and petroleum engineer. The later books, 1944-1957, represent valuable surveys in petroleum fields in Arizona, California, Oklahoma, Oregon, Montana, Texas and Washington, as well as Alaska, Canada and Mexico.

Box 129
Ralph Arnold field books and V.R. Garfias field books
I. Arnold, Ralph
1. Pacific Coast and Southern California, Mexico and Trinidad. 1899-1915
II. Garfias, V.R.
1. California and Nevada. 1909-1910

Box 130
Ralph Arnold field books (continued)
I. Arnold, Ralph (continued)
2. Arizona, California, Montana, New Mexico, Oklahoma, Oregon, Texas and Washington. 1944-1957

Legal papers. 1911-1947

Scope and Content Note
As with General Correspondence, legal papers pertaining to specific Mining and Petroleum companies and projects have been retained within those series.

Box 131
Law Suits, Stereo-Annunciator Co., and miscellaneous
I. Law Suits. 1918-1946
1. Ralph Arnold, Alfred F. Andrews and Frank C. Tracy: Citation for contempt. 1928
2. J.E. Barton and E.D. Thorn vs. J.H. Pierce, Superior Court, Tulare Co., California
3. Big Bear Land and Water Co. vs. Ralph Arnold 1944-1946
4. W.S. Cazort vs. G.L. Bahner. 1924
5. F.C. Dougherty vs. Hilda Oschner. 1930
6. Pierre Estrem et al vs. Honolulu Oil Co. et al. 1940
7. William A. McNeil vs. W.S. Kingsbury. 1922
10. C.G. Tibbens vs. Ralph Arnold. 1918
11. R.M. Trevezant vs. Ralph Arnold. 1935-1939
12. U.S. Bureau of Internal Revenue vs. Pierce Oil Corp. 1932-1934
II. Stereo-Annunciator Co. 1913-1916
III. Miscellaneous. 1911-1947

Manuscripts. 1898-1960

Scope and Content Note
Arnold was a prolific writer and published copiously for more than fifty years. His articles appeared in all of the leading scientific journals in his field. He delivered innumerable lectures before scientific societies. In 1914 he delivered a series of lectures at the University of Chicago. In 1915 he delivered another series at Harvard and a third at Massachusetts Institute of Technology.

Box 132

I. By Ralph Arnold

Scope and Content Note
Bulletins, Editorials, Monographs, Book Reviews, Lectures and Talks, 1898-1945

1. Conservation of Oil and Gas Resources of the Americas. 1916
2. Cooperative Wildcatting in the Oil Industry. Undated
3. Chromium (Stanford University). 1898
4. Depletion of Oil Laws. 1919
5. Depreciation of Oil Lands. Undated
6. Derelict Custodians of our Great Natural Assets. 1927
7. Dome Structures in Conglomeration. Undated
8. Factors Governing Occurrence of Petroleum in Certain California Fields
10. Geology of Terminal Island. 1945
11. Good Citizenship (talks before Pasadena Parents Association). 1907
12. Interpretation of So-called Paraffin Gulf Coast Oil Fields. Undated
14. Mud Volcanoe and Fumeroles. Undated
15. Navajo Trip: Geologic Survey by Arnold and O'Dell. 1954-1956
16. A New Fossil Crenella from California. Undated
17. Occurrences of Petroleum in Fields of the Coastal Counties of California
18. Oil Fields of California
19. Oil Geology in Relation to Valuation. 1918-1919
20. Oil Industry and the Public. 1926
21. Oil Possibilities of the Sacramento Rancho, San Luis Obispo County, California. 1917
22. The Oil Situation (address before American Institute of Mining and Metallurgical Engineers). 1921
23. Oil Upon the Waters (address to be given Foreign Trade Council at Oakland, California). Sept. 17, 1930
25. Plan for Coordinating Oil Exploratory Work in Foreign Countries.
26. Principles to Govern the Evaluation of Oil and Gas Lands. Undated
27. Problems of the Oil Industry. Undated
28. Problems of Oil Lease Valuation. Undated
30. Publicity (remarks before Tulsa Meeting, American Association of Petroleum Engineers). March 24, 1927
31. Relation of Engineering Appraisals to Fair Market Value. 1918
32. Santa Maria Oil District, California. 1907
34. Steam Wells at Geyser, Sonoma County, California. 1927

Ralph Arnold Papers: Finding Aid
37. Two Decades of Petroleum Geology. 1903-1922
38. Valuation of Oil Properties Under Revenue Act of 1918. 1918
40. Fragments.

Box 133
II. By Ralph Arnold as Co-Author. 1908-1929
Scope and Content Note
Monographs, Remarks, Reports, Symposiums, etc.

Article-length manuscripts.
1. Arnold and Garfias: Casing of Oil Wells. Undated
5. Arnold and Pemberton: Description of the Ventura Quadrangle. 1917
7. Arnold and Hannibal: Marine Tertiary Stratigraphy of the North Pacific Coast of America. Undated
8. Arnold and Clapp: Movement for Conservation of Natural Gas in the United States. 1912
10. Arnold and Loel: New Oil Fields of the Los Angeles Basin. 1921
11. Arnold and Garfias: Pipe Line Transportation of Oil in California. 1914
12. Arnold, Miller and Bissell: Point Fermin Landslides. 1929

Book-length manuscripts

Related Material
See Petroleum Papers, Foreign, Trinidad and Venezuela for related material

Box 134
III. By Others. 1900-1942
1. M. Albertson: Oil of Louisiana and Texas. 1912
3. Armstrong, Frank C.: Effect of Exportation of Capital upon the Copper Industry. 1930
4. Associated Petroleum Engineers: Literature of the Oil Industry, Bulletins No. 2 and 3. 1920
5. [Bain]: A Review of the Oil Industry in California. 1909
6. Barber, W.B.: Petrography of the Coast Ranges of California. Undated
7. Barton, Donald C.: Geographical Prospecting for Auriferous Gravels in California. 1931-1933
8. Bennett, Holly Reed: Petroleum Resources, Austria-Hungary, Roumania, Germany, Italy. 1914
9. Blochman, L.E.: The Santa Maria Oil Fields. 1942
<table>
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<th>Manuscripts. 1898-1960</th>
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<tr>
<td>10. Bryan, Barnabas: Senate Conspiracy to Pervert the Truth about Gasoline. Undated</td>
</tr>
<tr>
<td>12. Chaney, Ralph Works: The Petroleum Resources and Industries of Russia. 1914</td>
</tr>
<tr>
<td>13. Clapp, Frederick G.: Contribution of Oil Geology to Success in Drilling. 1920</td>
</tr>
<tr>
<td>18. Excess Tax Board Member: Valuation of Oil and Gas Industry. 1919</td>
</tr>
<tr>
<td>22. Goas, T. L. E.: Naphtha Properties in Poland (Scheme re Acquisition). 1919</td>
</tr>
<tr>
<td>29. Hoskins: Algebraic Computation of Stresses. Undated</td>
</tr>
<tr>
<td>30. Hoyt, W.G.: Index-Inventory Filing System for Recording and Collating Water Resources Data in Use by Land Classification Board. 1921</td>
</tr>
<tr>
<td>31. Knight, Wilbur C.: Geology of the Oil Fields; the Development of Wyoming’s Oil Resources. 1917</td>
</tr>
<tr>
<td>32. Lemmon, A.B.: Contact Metamorphism. Undated</td>
</tr>
<tr>
<td>33. Lemmon, Allen B.: Mother Lode. Undated</td>
</tr>
<tr>
<td>37. Morse, W.C.: Petroleum in South America. Undated</td>
</tr>
<tr>
<td>38. Mosonyi, E.: Values. 1933</td>
</tr>
<tr>
<td>40. Olshousen, B.A.: Igneous Rocks of the California Coast Range. 1901</td>
</tr>
<tr>
<td>41. Olshousen, B.: Ontogeny and Phylogeny in the Brochiopoda. 1900</td>
</tr>
<tr>
<td>42. Patterson, L.C.: A Technical and Economic Appraisal of the Kalunite Process for Extracting Alumina from Alunite Ores; Aluminum Bearing Clays and Low-Grade Siliceous Bauxite. Undated</td>
</tr>
<tr>
<td>43. Pepperberg, Leon J.: Notes on the Geology and Oil Resources of Central Wyoming. 1913</td>
</tr>
<tr>
<td>44. Percy, S.H.: 44 Facts Not Generally Known about the Astounding Profits the Mining Industry is Capable of Returning. Undated</td>
</tr>
<tr>
<td>45. Peterson, S.F.: Petroleum (Geology 45)</td>
</tr>
<tr>
<td>47. Rice, Archie: Rambling Notes during the Two Days. 1921</td>
</tr>
<tr>
<td>48. Richardson, Clifford Origin of Petroleum and Asphalt. 1915</td>
</tr>
<tr>
<td>49. Rogers, David Banks: Native Cultures along the Santa Barbara Coast. 1942</td>
</tr>
<tr>
<td>50. Rogers, Daniel C.: The Relation of Business to Taxadion. 1919</td>
</tr>
</tbody>
</table>
51. Rush, F.W.: North America During the Cretaceous Period. Undated
52. Sayers, R.R. (Director): Bureau of Mines Activities. 1942
53. Shaw, Eugene Wesley: Principles of Natural Gas Valuation. Undated
54. Slaker, F.L.: The Physical Geography of the Palaeozoic. 1901
57. Tansey, V.O.: The Petroleum Industry in Japan and the Philippine Islands. 1914
58. Taylor, W.G.: Electric Drive for Oil Wells. 1914
59. Thompson, W.E.: Proposed Mining Expedition in Yukon Territory. 1933
60. [U.S. Geological Survey]: Possible Oil Territory in So. Oklahoma. 1912
61. W., B.: Petroleum in Argentina. Undated
62. Washburne, C.W.: Capillary Concentration of Gas and Oil. 1915
65. Woolsey, L.H.: What the State Department Can Do to Aid in Foreign Oil Development. 1922
66. Yewell, Capt. P.R.: Dry Concentration; Technical Data and Proposed Operations. 1941-1942
67. n.a.: Generation and Distribution of Power. Undated
68. n.a.: Influence of California Fuel Oil on the Mining Industry of the West. Undated
69. n.a.: Mine Taxation. Undated

Maps. 1890-1954

Scope and Content Note
These furnish a valuable addenda to the Huntington Library's Manuscript map holdings. This is particularly true of the earlier ones which record the various ranchos, their boundaries, early land owners, urban communities and counties.

Boxed maps.

Box 135
Alaska, Arizona, Arkansas, California.
I. Alaska. 1898
1. U.S. Geological Survey. 1898
II. Arizona. 1883, 1886
1. U.S. Geological Survey. 1883, 1886
III. Arkansas. 1929
1. U.S. Geological Survey. 1929
IV. California. 1890-1954
1. Index of Topographic Maps.
2. State of California, compiled from official records of General Land Office. 1900
3. Northern Section. 1928
4. Southern Section.
5. Northern Section Showing Faults.
6. Southern Section Showing Faults
7. Mono Lake.
8. Reclamation District, Colusa and Glenn Counties. 1920
9. San Francisco and Suisson Bays.
10. San Joaquin Valley. 1914, 1938
11. Santa Barbara Area (Bulletin [321]). 1905

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   b. Arnold District. 1910

8. San Bernardino County. 1954
   a. Rood System. 1954

9. San Diego County. 1904
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   b. Point Loma Peninsula

10. San Luis Obispo County. 1890, 1895, 1913
    a. San Luis Obispo County. 1890, 1895, 1913
    b. Cuyamo River. Undated

11. Santa Barbara County. 1906, 1920
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    b. Cat Canyon. 1920
    c. Guadalupe Quadrangle. 1906
    d. Lompoc Quadrangle. 1906
    e. Portion of Santa Barbara County. 1906
    f. Summerland. 1906

12. Santa Cruz County. 1898

a. Palo Verde Valley. 1926

3. Kern and Kings Counties. 1904-
   a. Coalinga Field, Geological and Structural.
   b. Kettleman Hills.

4. Lassen County. 1908-1910
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   b. Susanville Land District.

5. Los Angeles County. 1893-1933
   a. Corona Quadrangle.
   b. Fernando Quadrangle. 1897
   c. Long Beach Harbor. Undated
   d. Los Angeles - Calabasas.
   e. Los Angeles Harbor. 1935
   f. Los Angeles Tract, No. 9520.
   g. Pasadena Sheet. 1894
   h. Pomona Sheet.
   i. Puente Hills. 1913
   j. Puente Sheet.
   k. Redondo Villa Tract. 1921
   l. Salt Lake, Plate 9.
   m. San Pedro Sheet.
   n. Santa Fe Springs. 1923
   o. Santa Fe Springs Supplement.
   p. Santa Monica Sheet. 1898
   q. Santa Monica - Ocean Park. 1931
   r. Santa Monica - Rebok Lease.
   s. Santa Monica.
   t. Santa Ynez Quadrangle. 1905
   u. Signal Hill, Long Beach.
   v. Southern Pacific Land Grants. 1921
   w. Torrey-Wiley Canyon.
   x. Venice Tract No. 4321. 1921
   y. No. Whittier Heights. 1913, 1915
   z. Zelzah Quadrangle. 1932-1933

6. Orange County. 1901, 1906, 1939
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12. Santa Cruz County. 1898
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   a. Solano County. Undated
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15. Stanislaus County. [1936]
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2. Chacuaco Creek Structure, Los Animas County. 1935
3. Pinnacle Dome, Routt County
4. Rainy Hills Area. Undated
5. Seeley Dome, Rio Blanco County. 1946
6. Silver Swede Workings, Ransome County. 1919

VI. Idaho. 1948
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2. Cache National Forest, Idaho and Utah. 1948
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1. Banatyne-Porcupine Structure, Teton & Pondera Counties. 1926
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X. New Mexico. 1918-1920
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      East New Mexico & West Texas.
   2. East Central New Mexico. 1920
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      San Miguel, De Baca, Guadalupe and adjacent counties.
   3. National Forests. 1918
   4. Puertocito District

XI. Texas. 1918-1930
   1. Brazona County. 1918
   2. Correlation of Geographic Units. 1930
   3. El Paso & Reeves Counties

XII. Utah. 1926-1930
   1. Bear River Migratory Bird Refuge, Elder County. 1930
   2. Great Salt Lake
   3. Nequoya Arch, Emery and Wayne Counties. 1926
   4. St. George District

XIII. Washington. 1892-1901
   1. Cheholis County
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   3. Stilaguomish Quadrangle. 1901
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   5. Township Nos. 1172. 1892

XIV. Wyoming. 1912-1920
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   2. Carbon County. 1920
   3. Derby Dome, Fremont County
   4. Fremont County
   5. Natoma County. 1912
   6. O’Brian Anticline
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   8. Wind River or Shoshone Indian Reservation

XV. Miscellaneous

Memoranda and Notes. 1901-1958

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Appointments, Itineraries, and Notebooks
   I. Appointments (bound). 1952-1958
   II. Itineraries (bound). 1909-1923, 1925-1939, 1944
   III. Notebooks, Stanford (bound). 1901
      Notebooks, U.S. Geological Survey. 1905-1907

Box 140
Notebooks (continued), Loose memoranda and notes
   V. Notebooks, Mining (bound). 1925, 1936-1945, 1946
   VI. Notebook, Jury of Award, Pan-Pacific International Exhibit. 1915
   VII. Loose Memoranda and Notes

Mining Papers. 1875-1946

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Arnold Exploration Co. (Arnex). 1875-1946

Box 141

Foundational documents, meeting minutes, and business papers. 1933-1939
1. Prospectus
2. Articles of Incorporation. Jan. 13, 1933
4. Subscriptions. 1933-1935
5. Minutes of Directors’ Meetings. 1933-1934

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Correspondence. 1933-1937

Box 142

7. Correspondence. 1933-1937

Related Material
See also Arnex Reports below.

Reports
The reports are as numbered by Arnold in his files. They pertain chiefly to gold-mining projects throughout the West.

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1. Idaho Bar Placer Rampart, Alaska. 1933
2. Mason Creek Placers, Tanana, Alaska. 1932-1933
5. Gold Basin Placer, Mohave County, Arizona. 1933
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13. Gold Hill Mine, Siskiyou County, California. 1933
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(21) Larson Gold Mine & Milling Co., Boundary County, Idaho. Undated
(22) Boise Basin, Idaho. 1933-1934
(23) Secesh Placers, Idaho County, Idaho. 1933
(24) Mount Ora Mine, Granite County, Montana. 1933-1937
(25) Prickly Pear Placer, Lewis and Clark County, Montana. 1933
(26) Wickes Amalgamation, Wickes, Montana. 1933
(27) Northern Nevada. 1933
(28) High Grade Mine (salted), Nye County, Nevada. 1933
(29) Alton Tunnel Property, Boulder County, Colorado. 1933
(30) Life Preserver Mine, Nye County, Nevada. 1933
(31) Dayton Mine, Comstock Mining District, Nevada. 1933
(32) [MISSING]
(33) Hillsboro Mines, Hillsboro, New Mexico. 1933
(34) Oregon Placer, Josephine County, Oregon. 1933
(35) Miner's Basin, Grand Co., Utah. 1933
(36) Bridge River Placer, British Columbia. 1933
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(45) Colvin Quicksilver, California. Undated
(46) Empire Mines, Lewis and Clark County, Montana. 1933
(47) Hard Cash Mine, Broadwater County, Montana. 1932-1933
(48) Atlas Mine, Virginia City, Montana. 1933
(49) Federal Group, Lewis & Clark County, Montana. 1933
(50) North Gould Group, Lewis & Clark County, Montana. 1933
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(53) Golden-Sunlight-Ohio Mining Claims, Whitehall, Montana. 1933-1934
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(56) Missouri-McKee Mine, Broadwater County, Montana. 1933
(57) Baldwin Property, Los Angeles County, California. 1933
(58) Colorado Juneau, Durango, Colorado. 1933
(59) Swissheim Mining District, Cochise County, Arizona. 1933
(60) Gold Dust Placer, Sierra County, New Mexico. 1933
(61) Paymaster Consolidated Mine, Imperial County, California. 1933-1935
(62) Bandarita Mine, Mariposa County, California. 1933
(63) Baxter Mine, Colorado. 1932
(64) Beatty Mine, Beatty, Nevada. 1932-1934
(65) Beaudry Placers, Trinity County, California. 1931-1934
(66) Behrns-Garcia Gold Mining Properties, Yavapai County, Arizona. 1933
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(69) Blue Hog Mine, Butte County, California. 1933
(70) Bolivian Mines, Bolivia, South America. 1931
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(72) Bushman Placers, Plumas County, California 1932-1933
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(82) Congress Mine, Yavapai County, Arizona. 1928-1933
(83) Con-Mercury Mine, Utah. 1932
(84) Consolidated Gold Fields, South Africa. 1932
(85) Consolidated Gold Mines, Cochise County, Arizona

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(86) Consolidated Minerals Development Co., Ltd., Placer County, California. 1933
(87) Coso Quicksilver Properties, Inyo County, California. 1932
(88) Big Springs Placer, Placer County, California. 1932-1933
(89) Daily Mine (blank)
(90) Dan's Placer Mine, Siskiyou County, California. 1932
(91) Deadwood Creek Placer, Circle District, Alaska. 1932-1934
(92) Douglas Mine, Amador County, California. 1933
(93) Draper Mine, Tuolumne County, California. 1931-1934
(94) Dry Lake (Gold Lake), Goldfield, Nevada. 1932-1933
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(103) Fairview Mine, Yavapai, District, Arizona. 1932
(104) Flagstaff Mine, Flagstaff, Arizona. 1932-1934
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(106) Fortuna Mine, No location. 1933
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(110) Alta Hill Drift Mine, Nevada County, California. 1932
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(120) Gross Street Mine, Tuolumne County, California. 1931
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(128) Jackass Hill Claims, Tuolumne County, California. 1933
(129) Imperial Gold Mine, California. 1933
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(133) Kelsey Ranch Mine, Merced County, California. 1931
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(148) Gates Mine, Trinity County, California. 1933-1934
(149) Moffitt Placers, Tuolumne County, California. 1933
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(151) Mountain Monarch Mine, Inyo County, California. 1933
(152) Mountain Springs Canyon Mine, Inyo County, California. 1931
(153) Mountain View Mine, Washoe County, Nevada. 1933
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(156) Niagara Summit Mine, no location. 1932
(157) Northern Placer, Montana. Undated
(158) Nuevo Callo Mine, Callao Mining District, Venezuela. 1932
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(167) Poorman Creek Placer, Lewis & Clark County, Montana. 1933
(168) Quesnel River Placer, Caribou District, British Columbia. 1933
(169) Quo Vadis Mine, Clark County, Nevada. 1932
(170) Red Cloud Mine, Tuolumne County, Calif. 1934
(171) Rex Mine, Manitoba, Canada. 1931
(172) Rex Mine, Esmeralda County, Nevada. 1933
(174) Sierra City Mine, Sierra County, California. 1933
(175) Shan Tsz Mine, El Dorado County, California. 1931-1933
(176) Shenandoah Mine (Map only), Nevada. Undated
(177) Signal Mine, Mohave County, Arizona. 1931
(178) Standard Mine, Thunder Mountain [Idaho]. 1931
(179) Standard Mining & Milling Company, New Mexico. 1931-1934
(180) Standard Gold Mining Company, Kern County, California. 1931-1933
(181) Swift Shore Drift Mines, Placer Company, California. 1931-1934
(182) Thunder Mountain Mines, Thunder Mountain District, Idaho. 1933
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(184) Treasure Hills Mine, California. 1932
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Box 150

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(188) Von Humboldt Claim. Undated, 1932
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(190) Western Merger Mines, Yavapai County, Arizona. 1933
(191) Wharton Placer, Boise County, Idaho. 1925
(192) Winetka Mine, Montana. 1933
(193) Winterville Placers. no data, 1932
(194) Worden Placer, Trinity County, California. 1933
(195) Ash Peak Mines, no data, Arizona. 1933
(196) Barstow Lode, Prospect, California. 1933-1934
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(199) Neglected Mine, no location. 1933
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(212) Bullfrog Mines Company, Nye County, Nevada. 1936
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(214) Bohemian Consolidations, Lane County, Oregon. 1933-1937
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(216) Blazing Star Mine, Calaveras County, California. 1934
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(220) Oro Grande Mine, Yavapai County, Arizona. 1902, 1932-1937
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(227) Crewe Ranch Mine, Butte County, California. 1934
(228) Crusade Placers, Tehama County, California. 1933
(229) Vandalia Mine, Eldorado County, California. 1934
(230) Red Ledge Mine, Adams County, Idaho. 1935
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(232) Gray Eagle-Oro Belle Mines, Yavapai County, Arizona. 1935

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(233) Jumper Mine (Amalgamation with Mezeppa and New Ezra Mines), Yavapai County, Arizona. 1934-1935
(234) Clark Ranch Gold Placer, Douglas County, Colorado. 1933-1936
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(237) "Jack Tardy" Mining Claims, Soledad, Kern County, California. 1932-1935
(238) Tannen Placer Mine, Josephine County, Oregon. 1934-1937
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(255) Mother's Mine, Mariposa County, California. 1935-1936
(256) Etnyre, Mentor re Mining Properties, Sacramento, California. 1935-1938

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(257) Leivas-Madril Tungsten Mines, Mohave County, Arizona. 1935-1940
(258) Diamond Mining & Engineering Co., Arkansas. 1935
(259) Peterson Ridge, Yuma County, Arizona. Undated
(260) H.B. Bardue re Mining Properties, California, Oregon. 1933-1936
(261) Apex Mine, Gila County, Arizona. 1936
(262) Wild Rose Group of Mines, Lyon County, Nevada. 1935
(263) Bendick, Louis G. re Mining Properties, Inyo Co., Calif. 1935-1936
(264) Boulder & Gopher Mines, Eldorado County, California. 1935-1936
(265) Molybdium Mines, Clark and Esmeralda Counties, Nevada. 1932-1938
(266) Bland Mines, Sandoval County, New Mexico. 1920-1936
(267) Montizona Copper Co., Pima County, Arizona. 1920-1937
(268) McKinley Lake Gold Mine, Cordova, Alaska. 1935-1936
(269) Eureka Mine, Republic District, Washington. 1917-1938
(270) Nevada Corporation. 1936-1937
(271-273) [MISSING]
(274) Blankman, Lynn Corresp. re Mining Properties in Alaska, Arizona, California, Canada, Oregon, Washington. 1936 Reports 275-289
(275) Miscellaneous, Arizona, Arkansas, California, Nevada. 1934-1938
(276) Summit Mine, Shasta County, California. 1932
(277) Nickel Lake Mine, Ontario, Canada. 1938
(278) Paragon Mine, Placer County, California. 1938
(279) Quilp Mine, California. 1938
(280) Mt. Vasquez Mines Co., Colorado. 1938
(281) Russell Mine, Tucson, Arizona. 1938
(282) South San Francisco-Silver-Lead-Zinc Mine, San Francisco, California. 1937-1938
(284) Same. 1938
(285) Kougarok Placer, Taylor, Alaska. 1936-1938
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(287) Mayflower Drift Mine, Amador County, California. 1937-1938
(288) Mt. Reuben Mine, Josephine County, Oregon. 1937-1938
(290) Mongellon Mining Properties, Catron County, N. Mexico. 1938
(291) Bullion Properties, Mexico. 1934
(292) Carpender Mine, El Dorado County, California. 1933-1935
(293) Big Blue Mine, Kern County, California. 1933-1935
(294) [MISSING].
(295) Bard Creek Mine, Gilpin County, Colorado. 1934
(296) La Plata Gold Mining Property, Durango, Colorado. Undated
(297) Miscellaneous Arnex Correspondence. 1933-1938
(298) Potash. 1924-1936
(299) Neguoia Arch, Emery & Wayne Counties, Nevada, New Mexico, Utah. Undated
(300) Miscellaneous. 1933-1936
(301) East Fork Area, Ventura County, California. 1936
(302) See Petroleum Reports
(303) [MISSING]
(304) [MISSING]
(305) Reports:
   b. Curtz Consolidated Mines Co., Alpine Co., Calif. 1915
   c. Hercules Mining Property, Alpine Co., Calif. 1915
   d. So. Peacock Mining Claims, Weiser, Idaho [MISSING]. 1905
(306) [MISSING].
(307) [MISSING].
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(309) [MISSING].
(310) [MISSING].
(311) [MISSING].
(312) [MISSING].
(313) Summary of Mining Reports. 1933
(314) Tilden Mines, Clear Creek and Gilpin Counties, Colorado. 1938
(315) Baron Mine, Boulder Mining Dist., Colorado. 1937
(316) [MISSING].
(317) Quigley Mine, Kantishna, Alaska. 1937-1938
(318) Trinity River Placer, California. 1937
(319) Moorehead Mine, Caribou District, Br. Columbia. 1937
(320) [MISSING].
(321) [MISSING].
(322) [MISSING].
(323) [MISSING].
(324) [MISSING].
(325) Old Mining Reports to 1916.
a. Montreal, Copper Canyon, Copper Basin & Adelaide Bearer Co., Utah
b. Copper Canyon Property, Lander Co., Nevada.
d. Grand Mountain Group, Big Bug Dist., Arizona.
e. Gold Note Mining Co., Pershing Co., Nevada.

(326) Reports:
b. Rinconada Quicksilver Mine, San Luis Obispo Co., California. 1940

(327) Rex Montis Mining Claims, Inyo Co., California. 1935
(328) Oklahoma Salted Mine. 1932
(330) Gold Mt. Mines, Colusa Co., Calif. 1927
(332) Mt. View Mine, Tuolumne Co., Calif. 1939
(333) Pioneer Chief Mine, Calaveras Co., Calif. 1939
(334) Ortiz Mine Grant, Santa Fe Co., New Mexico. 1937-1939
(335) Bennett Dredge, San Luis Obispo Co., Calif. 1934-1937
(336) Ilmenite Iron Titanium, So. Wyoming. 1940

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   a. Arizona Lead Mines. 1942
   b. Cochise Group of Mines. 1942
   c. Melgren Mines. 1928

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   a. Mercury Mines. 1941

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   d. Malco Gold Mining Co. 1939
   e. San Francisco Gold Mines Co. 1916, 1926-1929
   f. Tom Reed - Gold Road Mining District. 1915

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   a. Black Princess Group. 1916-1923
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   a. Lion Copper Co. 1916

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6. Inyo County.
   a. Adamson Tungsten Mining Property, Pine Creek Mining Dist. 1940
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   b. Mining Activities in Acton, Palmdale, Lancaster, Lake Hughes, Fairmont, Rosamond, Meenach, Mohave, Randsburg, Tropico, Kramer & Barstow. 1936

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V. Miscellaneous United States: Alunite, Bentonite, Borate, Chrome, Coal, Cobalt, Copper, Dolomite, Diamonds, Fluorspar, Gold, Graphite, Igneous Rocks, Manganese, Magnesium Chloridem Mica, Mercury, Molybdanum, Tin, and Tungsten, etc.

VI. Miscellaneous - United States (continued) and Foreign: Africa, Canada, Central America, Mexico, South America Petroleum Papers. 1865-1960.

United States. [1865]-1959

I. Oil Basins in the U.S. Undated
II. Production of Petroleum in the U.S. past and estimated future. 1907-1915
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I. Alabama
   1. Clark & Choctaw Counties
      a. Hatchetigbee, Jackson, Lower Peach Tree and Talahatta Structures. 1917

II. Alaska
   1. Katalla
      a. Alaska Anthracite Coal & Petroleum Co. 1922
      b. Controller Oil Fields. 1921-1937
      c. Washington-Alaska Petroleum Co. 1923

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      a. Defiance Plateau Oil Possibilities (613). 1921-1922
   2. Graham County.
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   3. Maricopa County.
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   f. Castle Oil Co. (621). 1911
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   h. Coalinga Field: Index, Maps, Production. 1907-1931
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   k. Coalinga Propositions (88), Hammon, Caribou, Esperanza, Welsh,
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   l. Coalinga Unity Oil Co. 1910
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   l. Buena Vista Hills (610), Midway District. 1921
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   bb. McDonald Anticline (Shell Oil Co.). 1930
   cc. McKittrick Oil Fields, Bellridge, Lost Hills & Sunset Field. 1908-1921
   dd. Midway Oil Field: Index, Propositions, Logs, etc. 1901-1937
   ee. Midway Union Oil Co. (38), Midway Dist. 1910-1911
   ff. Monte Cristo Oil Co. (509), Kern River & Sunset Dist. 1909-1912
   ii. Rock Oil Co., No. Midway Field. Undated
   jj. Sections 11,16,18,20,22,24,25,27, Kern River and Midway Fields (56,57,726,744). 1910-1947
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<td>5. Quay, Union, San Miguel, Guadalupe and DeBaca Counties.</td>
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   - Tisdale Anticline.
9. **Niobrara County.**
   - Seaman Hills Anticline. 1926-1927
10. **Park County.**
   - Frannie Structure. 1926, 1933
   - Garland Anticline. 1925-1927
   - Oregon Basin Gas Field. 1927
11. **Sublette County.**
   - Big Piney Basin. 1937, 1944
12. Sweetwater County.
   a. Dry Lake Dome. 1914-1915
   b. Lost Soldier Field. Undated
   c. Rock Springs Lift (603, 604). 1920
13. Uinta County.
   a. Aspen Oil Zone. Undated
   b. Le Barge Canyon (51). 1927
   c. Spring Valley Oil Field. Undated
   d. Sulphur Creek Structure. 1939, 1944
14. Weston County.
   a. Blind Pool Oil Co. 1920
   b. Musk Creek Dome. 1936
15. Maps and Photographs.

Box 193
Wyoming, Montana, Colorado, and Utah.
   XXVIII. Wyoming, Montana, Colorado and Utah.
      1. Converse, Fremont, Natrona and Sweetwater Counties, Wyoming, and
         Custer County, Montana.
         a. Rocky Mt.-Pacific Oil Co. 1913-1930

Box 194
Miscellaneous: agreements, appraisals, indentures, leases, options.
   XXIX. Petroleum Miscellaneous - U.S.A.
      1. Agreements, Appraisals, Indentures, Leases, Options.

Box 195
Miscellaneous: Logs.
   XXIX. Petroleum Miscellaneous - U.S.A.
      2. Logs.

Box 196
Miscellaneous: Maps.
   XXIX. Petroleum Miscellaneous - U.S.A.

Box 196
Miscellaneous: Reports.
   XXIX. Petroleum Miscellaneous - U.S.A.
      4. Reports.

---

Foreign. 1910-1960

Box 198
Africa, Canada.
   I. Africa.
      1. South Africa.
         a. Keilman Shoup. 1924
   II. Canada.
      1. Alberta.
         a. Alberta Basin. 1927-1941
         b. Canadian Oil Syndicate. 1917-1925
         c. Lesser Slave Area. 1918-1921
         d. London Ribstone Petroleum, Ltd. 1927-1928
         e. Mill Creek Anticline. 1926
         f. Mount Royal Oil Co. 1928
         g. Northwest Exploration Co. 1917-1922
         h. Spartan Oil Co. 1922
         i. Wyoming-Canadian Oil Co., Ltd. 1921-1926
         j. Maps.

Box 199
Canada (continued), Cuba, Haiti, Japan.
   II. Canada (continued).
      2. Alberta-Saskatchewan Proposed Natural Gas Distribution and Sales.
         a. Cardston, Magrath & Raymond. 1938
         b. Lloydminster. 1940-1941
         c. Saskatoon and North Battleford. 1940
         d. Saskatoon, North Battleford, Regina and Moose Jaw. 1940
         e. Vermillion. 1940
a. B.C. Oil & Development Co. 1926-1927
b. Caribou District. 1930, 1936
c. Columbia Oils, Ltd. 1935
d. Dolly Coal & Oil Syndicate. 1930
e. Flathead District. 1927, 1930
f. Graham Island, C.D. Emmons Property. 1927-1934

4. Saskatchewan.
   a. Eagle Hills Anticline (maps only),
   b. Kishenena-Sage Creeks Area (maps only).

III. Cuba.
1. Brief History of Cuban Oil. Undated
2. Geology of Cuban Oil Lands (541). 1917-1919
3. Cuban Oil Possibilities. 1932
4. Habana Province.
   a. Antillian Oil Corp., Madruga-Bejucal Area. 1922-1938
   b. Cuban Oil Co. 1928
5. Mantanza Province.
   a. Hatos de Sabanilla del Palma (40). 1910
   b. Bibanasi de Hato Nuevo (40). 1910
   a. Anglo-American Oil Co. 1922-1923
   b. Oil Trust Ltd. 1921-1922
   c. Rosano Oil Co. 1922-1923
7. Union Petroleum Steamship Co. [Arnold trip to Cuba]. 1922
8. Correspondence, General. 1922-1937

IV. Haiti.
1. Oil Possibilities (636). 1922

V. Japan.
1. Oil Wells Dug by Hand. Undated

VI. Mexico.
1. Coahuila.
   a. Arnold Exploration Co. Mexican Oil Propositions. 1934-1936
   b. Arnold-Heney Syndicate. 1920-1925
2. Lower California
   a. Chartered Company of Lower California (516). 1913
   b. Oil Land near Crosthwaite Ranch (18). 1909
   c. Iniquoyen Lease. 1924
   d. McKenzie Petroleum Co. Concession. 1919-1920
3. Nayarit
   a. Geological Features of Coast. 1919
4. Oaxaco
   a. Puerto Angel Oil Field (527). 1910
5. Tabasco
   a. Navarro Concession. 1920-1923
6. Tabasco and Chiapas. 1928

VI. Mexico (continued)
7. Vera Cruz
   a. Huasteca Petroleum Co. 1904-1935
   b. La Laja Tract, Geology (615). 1922
   c. Mexican Oil Fields South of Tampico. 1911
   e. Tuxpan Oil Co. 1935
8. Yucatan and Campeche
   a. Yucatan-Campeche Oil Possibilities. 1924
9. Miscellaneous

Box 202
New Zealand, Persia, Philippine Islands
VII. New Zealand
   1. Kotuka District (500 1/2). Undated

VIII. Persia
   1. Persian Oil Concession. 1926

IX. Philippine Islands
   1. Leyte
      a. Banislaw Oil Co. (624). 1924-1925
   2. Luzon
      a. Philippine Petroleum Syndicate. 1919-1925
   3. Tayabos
      a. Bondoc Peninsula (27). 1921
      b. Tayabos Oil Co. Undated
      c. Richmond and Union Oil Companies. 1922

Box 203

South America: Argentina, Brazil, Colombia, Peru, Ecuador, Trinidad [West Indies] and Venezuela

X. South America
   1. Argentina
      a. Commodoro Rividana Field. 1922
   2. Brazil
      a. Oil and Gas Lease, Amazonas. 1917
   3. Colombia
      a. Oil Properties. 1916-1926
   4-5. Peru - Ecuador
      a. Hacienda Mina Brea. Undated
      b. Peru Syndicate, Ltd., Mancora Properties (500 1/2). 1920
      c. Peruvian & Ecuadorian Oil Fields. 1921
   6. Trinidad [West Indies] and Venezuela
      a. Historical Background for Development of Petroleum Industry. 1870-1916
      b. Oil Fields and Concessions.
         aa. Trinidad Oil Fields and List of Oil Companies Operating in Trinidad. 1912, 1914
         bb. Oil Fields of Eastern Venezuela. 1914, 1937
         cc. Concessions Held by Principal Oil Companies in Venezuela. 1933
         dd. Key Map to Oil Concessions in Northern Venezuela. 1912
         ee. Concessions in Northern Venezuela Selected by Bermudez and Caribbean Companies. 1914
         ff. Concessions Held by Principal Companies in Northeastern Venezuela. 1944
         gg. Guanoco Field, Eastern Venezuela. 1913-1914
         hh. Guanoco, Pedernales, Panji and Maremare Oil Districts, Eastern Venezuela. 1914
         ii. Perija and Limon Fields, Western Venezuela. 1914
         jj. San Timoteo, Perija, Rio Oro District (Orden) &Tarra Oil Fields, Western Venezuela. 1914

Box 204

South America: Trinidad [West Indies] and Venezuela (continued).
   c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.)
      aa. General Asphalt Co. 1911-1919

Box 205

South America: Trinidad [West Indies] and Venezuela (continued).
   c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued)
      bb. Barber Asphalt Paving Co., Trinidad. 1911-1921
      cc. Bermudez Co., Trinidad. 1912-1917

Box 206

South America: Trinidad [West Indies] and Venezuela (continued).
   c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).
      dd. Caribbean Petroleum Co. 1912-1922

Ralph Arnold Papers: Finding Aid
mssArnold papers 49
South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).
   Caribbean Petroleum Co., (continued).
      ee. Colon Development Co., Trinidad. 1913-1919.

Box 207

South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).
   ff. Major Oil Co., Mene Grande Field, Venezuela. 1924-1929
gg. Maracaibo Oil Exploration Co., Venezuela. 1922-1925
hh. Mene Grande Oil Co. and Syndicate. 1912-1933
   ii. New England Oil Corp., in Venezuela. 1921-1922

Box 208

South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued)
   jj. Petroleum Development Co., Trinidad. 1913-1920

Box 209

South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued)
   kk. Trinidad Central Oil Fields, Ltd. 1910
   ll. Trinidad Forest Reserve Oil Co. 1911-1915
   mm. Trinidad Lake Petroleum Co. 1912-1920

Box 210

South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).
   nn. Trinidad Oil Fields, Ltd. 1912
   oo. New Trinidad Asphalt Co. 1912-1920
   pp. Venezuela Oil Concessions, Ltd. 1915-1916

Box 211

South America: Trinidad [West Indies] and Venezuela (continued).
d. Manuscripts.

Box 212

South America: Trinidad [West Indies] and Venezuela (continued).
c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).
   ee. Hopkins and Wasson, "Venezuelan and West Indies Oil Development in 1925."
   ff. Macready, "Petroleum Industry of Trinidad, British West Indies,"
   published in "Mining and Metallurgical Journal." July, 1922
   ee. Hopkins and Wasson, "Venezuelan and West Indies Oil Development in 1925."
   ff. Macready, "Petroleum Industry of Trinidad, British West Indies,"
   published in "Mining and Metallurgical Journal." 1922
   gg. Macready, "Petroleum Resources in Northeastern Venezuela." 1922

Box 213

South America: Trinidad [West Indies] and Venezuela (continued).
e. Maps. 1912-1916

Box 214

d. Manuscripts.

Box 215

c. Petroleum Companies (Organization, Properties, Concessions, Correspondence, Reports, Maps, etc.) (continued).

Box 216

d. Manuscripts.
   ee. Hopkins and Wasson, "Venezuelan and West Indies Oil Development in 1925."
   ff. Macready, "Petroleum Industry of Trinidad, British West Indies,"
   published in "Mining and Metallurgical Journal." 1922
   gg. Macready, "Petroleum Resources in Northeastern Venezuela." 1922

Box 217

d. Manuscripts.

Related Material
See also the Photograph Albums listed in the Photograph series below.
h. Reports
   aa. Arnold, Ralph: Topography of Eastern Venezuela. Undated
   bb. Arnold, Ralph: Geology of Western Venezuela. 1913
   cc. Arnold, Ralph: Onia Region, Merida, Venezuela. 1916
   dd. Arnold, Ralph: Perijá-Rio Limón Region of Zulia, Western Venezuela. 1915
   ee. Arnold, Ralph: Wells in Eastern Venezuela. Undated
   ff. Boyd, Harold: Geology of Punceres and Neighboring Region. 1913
   gg. Clark, Burton: The Geology of the Limón and Perijá Oil Fields. 1914
   hh. Clark, Burton: Western Peninsula of Araya. 1913
   ii. Dagenais, Louis E. and George Macready: Pauji-San Timoteo District. 1914
   jj. Erb, J.: The Oil Bearing Territory of Venezuela. 1915
   ll. Garner & Gordon: Orinoco River between Bolivar and Curiapo. 1913, 1918
   mm. Henley-Prout: Western Part of Island of Margharetia. 1913
   oo. Jeffreys: Geological Report of Work to Date. 1914
   qq. Jeffreys; Island of Taos. 1913
   rr. Joslin & Merritt, Elliott, J. E.: Bolina District. 1913
   tt. Macready, George A.: Report Caraño Oil Region. 1912
   uu. Macready, George A.: Comparison of Crude Asphalt Shipments to Calculated Quantity Mined from Pitch Lake, Trinidad, B.W.I. with Respect to an Influx. 1918
   vv. Means, J.H., General Petroleum Properties of Trinidad, Ltd. 1911
   ww. Nobs, W.R., Gehman, W.C., and White, K.D.: Region Between Rios Chiguri and Culegra. 1913
   xx. Reynolds, G.B.: Work Done for Venezuela Oil Concession, Ltd. to March. 1916
   yy. Welles, John: Guanoco - Handling of Heavy Oil Wells. 1915
   zz. n.a.: Caribbean Oil Fields. Undated

Photographs.

Related Material
Additional photographs are also housed in some of the other series: See also: box 11 and 11d in the Family and Personal papers series and boxes 233A-B in the Political Papers series.

Removed or Separated Material
66 bound photograph albums were transferred to the Rare Book Department, September 7, 1974:

I. First Series, Vols. 1-6 - Ralph Arnold's Photo Books, largely California Petroleum photos taken while Mr. Arnold was in the service of the U.S. Geological Survey, 1903-1908
II. Second Series, Vols. 1-3 Venezuela, 1912-1914; Vols. 4-5 Trinidad, 1914-1918
III. Third Series, Vols. 1-18 California, Mexico, Trinidad, Venezuela, 1910-1916 (numbered in red)
IV. Fourth Series, Vols. M. (1-11), California, the West, Eastern U.S., Southern U.S., Panama, 1913-1927
V. Fifth Series, T (Technical), 1913-1914 VI. Sixth Series, W, by Harold Hannibal, California and the West, 1909-1915
VII. Seventh Series, Graphite, Vols. 1, 2 and 3, 1916-1919
VIII. Eighth Series, U.S. and Mexico - Petroleum (but includes many personal photographs), 1923-1935
IX. Ninth Series, 9 Volumes, (chronologically marked), California, The West, Mexico, 1936-1954
X. Miscellaneous Petroleum, Montana, Wyoming, and British Columbia, 1927
Photographs.
I. Photographs: loose, personal and professional (Items 1-121).

Box 218

I. Photographs: loose, personal and professional (Items 1-121).

1. Adams, Thomas, Professor of Economics at Yale University, Chairman of Income Tax Board, Bureau of Internal Revenue, Greatest tax expert in U.S.
2. Amau, Charles, Petroleum Engineer and Business Associate.
6. Barneson, Lionel T., President, General Petroleum Co.
7. Biscailuz, E.W., Sheriff, Los Angeles County. 1933
8. Blackwelder, Eliot, Head Geology Department, Stanford University.
9. Bledsoe, Benjamin F., President, Stanford Alumni Association, Judge, U.S. Court. 1915
10. Bourdette, John W., Attorney for Spreckles Family. 1932
11. Bridge, Norman A., Pasadena Physician, Chairman Board of Trustees, Throop Polytechnic Institute, Partner of E.L. Doheny Oil Operation.
14. Burnham, Major Fred R., Scout during Boer War. 1925
15. Burrage, Albert C., President, Texas Graphite Co.
16. Chamberlain, Thomas Gassner, Professor of Geology, University of Chicago, Director of Walker Museum.
17. Champlin, H.H., President, Champlin Oil Company.
18. Clark, Charles H., Texas Oil Operator. 1926
21. Culliman, J.S., Organized Texas Oil Co. 1928
22. Daers, W.W., Professor of Physical Geography, Harvard University. 1923
23. Dallas, Roderick W., Secretary, Coalinga Oil Producers' Association. 1924
24. Daly, R.A., Head, Geology Department, Harvard University.
25. Darnell, J.L., Internal Revenue Bureau. 1919
27. Davis, James J., Chief of Police, Los Angeles, California. 1931
30. Erb, E.T., Head Geologist, Shell Oil Co. 1925
31. Erb, William, Broker, Oil Producers. 1901
32. Erickson, John G., Associate Kalispeel Oil Co., Montana.
33. Fachiri, A.P., Italian Oil Producer, and Business Associate. 1935
34. Fairchild, Herman LeRoy, Geologist.
35. Foy, Harvey M., Business Associate.
36. Franklin, Wirt, Oil Producer.
37. Fry, Elsie V., Arnold's Secretary. 1918
38. Garfias, Valentina, Stanford Classmate, Petroleum Engineer.
39. Gillan, Silas Lee, Mining Engineer. 1926
40. Glasser, Harry, Attorney. 1933
41. Golyer, E. De, "Most Noted Petroleum Engineer and Geologist in the World."
42. Gordon, F.V., Pioneer California Oil Operator.
43. Graham, S.C., Los Angeles Oil Economist.
44. Graton, Louis C., Geologist.
45. Graves, Jackson W., Los Angeles Banker and Oil Producer.
46. Gregory, T.C., Stanford Classmate and Attorney.
47. Grinnell, Joseph, “Greatest authority on birds and mammals in California;" organized Museum of Vertebrate Zoology, University of California, Berkeley.
49. Hammon, W.P., "Father of Gold Dredging."
I. Photographs: loose, personal and professional (Items 1-121).

50. Hammond, John Hays, Mining Engineer.
51. Hellman, Irving, Banker. 1943
52. Hellman, Marcus H., Los Angeles Banker. 1945
53. Hill, Robert T., Geologist. 1926
54. Hindry, Horace, Stanford Graduate, Arnold’s personal attorney. 1926
57. Hoover, Theodore J., brother of Herbert Hoover.
58. Horne, I.S., Collector of Wild Animals, Used in Motion Pictures.
59. Hostetter, Edward. 1931
60. Hudson, Spencer W., Stanford Classmate. 1924
61. Hyde, James M., Mining Engineer.
62. Inverforth, Lord, Organized General Petroleum Co.
63. Jewett, Frank B., Boyhood Friend, Communications Engineer, Throop Institute.
64. Johnson, Wilson, Financier.
65. Jones, Edward, Petroleum Operator. 1931
66. Jordan, Frank C., Astronomer. 1925
68. Lindgren, Waldemar, Geologist. 1914
69. Loel, Wayne, Geologist. 1924
70. Lonegan, B.
71. Long, Percy Waldron, Harvard University.
72. Lowell, Albert Lawrence, President, Harvard University. 1909-1933
73. Lucey, Capt. J.F., President, Lucey Petroleum Co.
75. Matthewson, E.P., Metallurgist, President American Institute Mining and Metallurgical Association.
76. May, Ernest H., Stanford Roommate, President First National Bank, Pasadena. 1886,
77. McCorkle, Roy L.
78. Mendenhall, W.C., Director U.S. Geological Survey. 1922
80. Messerschmidt, George, American Consul, Maracaibo. 1929
81. Metson, M.C., San Francisco Oil Operator.
82. Millard, J.
83. Mudd, Seeley W., Mining Engineer and Financier. 1920
84. O’Connor, Basil, Head, Infantile Paralysis Assoc. 1917
86. Oldroyd, Mr. & Mrs. T.S., Owners, Conchological Collection Presented to Stanford University.
87. Osborne, Henry Fairchild, Paleontologist, Head, American Museum of Natural History. 1933
88. Peeler, Gen. R.L., Oil Operator. 1938
91. Roberts, John C., Oil Operator.
92. Roosevelt, Theodore and Barrington, T.W. at Brighton Field, Trinidad. 1916
93. Scattergood, E.F., Hydraulic Engineer.
94. Schmidt, E.E., Mayor, San Francisco, California. 1922
95. Scott, R.J., Chief, Los Angeles Fire Department.
96. Segerstrom, Charles H., Mining Engineer.
98. Smith, James Perrin, Paleontologist, Stanford University. 1930
99. Son, Charles A., Oil Producer, Snowline Oil Co. 1929
100. Starrett, Paul, Engineer, U.S. Internal Revenue Dept.
101. Stewart, W.L., President, Union Oil Co. 1925
102. Storey, Thomas Anderson, Stanford Roommate, "nationally-known gymnasium instructor, authority on venereal diseases and fatigue." 1927
103. Stoughton, Bradley, Mining Engineer, Secretary, American Metallurgical Society.
105. Surveying Squad, Stanford University (includes Herbert Hoover). 1893
106. Timmons, Joseph, Stanford Classmate, Journalist Hearst Newspapers. 1925
108. Ulrich, Edward Oscar, Paleontologist, U.S. Geological Survey. 1897-
109. U.S. Geological Survey Staff (includes photograph of Clarence King). 1864
110. Vaughan, Thomas Wayland, Business Associate.
111. Walcott, Charles, Seismologist, Director, U.S. Geological Survey. 1904
114. Weller, Stuart, Geologist.
117. Whittier, H.W., Civic Leader.
118. Wilson, E.C., Stanford Classmate, Manufacturer Oil Tools.
119. Winchell, Horace V., Geologist.
120. Wishon, T. Emory, Electrical Engineer, Head San Joaquin Valley Power Co.
121. Wood, John A. and Gerhardt, Alvin, Mining Engineers.
122. de Mercado, Inginero Francisco Vasquez, Head of Committee on Immigration and Communication under President Cardenas of Mexico. 1935

II. Photographs: loose, miscellaneous (Items 123-141).

123. Berryessa Valley Oil Fields, Napa County, California.

124. Big Muddy Dome, Wyoming. 1915

125. Buena Vista Hills. 1912

126. Chamber of Mines and Oil, Los Angeles: Annual Banquet. February 8, 1923

127. Class: Geology of Petroleum, University of Chicago. 1914

128. Class: Geology of Petroleum, Harvard University. 1915

129. Coalinga Oil Fields.

130. Committee on Petroleum Awards, Pan-Pacific Exposition. 1915
Photographs.

I. Photographs: loose, personal and professional (Items 1-121).


132. Frannie Structure, Wyoming. 1927

133. Glendive-Baker Anticline, Montana.


135. Jacolitos Dome, Santa Barbara County, California (Arnold's partners).

136. Kettleman Hills (First Oil Camp).

137. Lost Hills, So. Kettleman Hills.


139. Ocean Park Fossils.

140. Remains of San Francisco Dam.

141. Shoe Factory.

Box 220 Photographs: loose, miscellaneous (assorted snapshots, photographs, films, plates, many unidentified).

Political Papers. 1914-1956

I. Correspondence. 1914-1956

Box 221 Correspondence. 1914-1922
Box 222 Correspondence. 1923
Box 223 Correspondence. 1924
Box 224 Correspondence. 1924 (continued)
Box 225 Correspondence. 1925
Box 226 Correspondence. 1925 (continued), 1926
Box 227 Correspondence. 1926 (continued)
Box 228 Correspondence. 1927
Box 229 Correspondence. 1928-1929
Box 230 Correspondence. 1930-1956
Box 231

II. Manuscripts

1. "Laying the Foundation Stones" or "My Eight Years in Politics," by Ralph Arnold, Published in Southern California Historical Bulletin. August, September and December 1955.
3. Ralph Arnold’s Trip as Vice-Chairman, Hoover National Republican Club, to California and Return. March 15 to April 15, 1920.
5. "My Interview with Senator Johnson," by Ralph Arnold. September, 1922
6. Ralph Arnold’s Visit to the White House (portraying President Hoover’s rejection at the polls on November 4, 1930). November 5, 1930

Box 232

III-IV. Political Papers: Coolidge, Harding, and Hoover.
III. Calvin Coolidge’s Political Campaign for the Presidency in California. 1920-1924.
IV. Harding World Court Plan. 1923
V. Herbert Hoover-for-President Papers.
1. Herbert Hoover’s Candidacy for the Presidency. 1920
2. Republican National Convention at Chicago. June 8, 1920
3. Hoover-Johnson Graph showing political popularity. 1920-1928
4. Republican Organizations
   a. Hoover National Republican Club. 1920
   b. Republican State Central Committee in California. 1920-1928
   c. Republican County Central Committee, Los Angeles County, California. 1922-1928
   d. Republican Club of Los Angeles County. 1920-1922
   e. Republican Woman’s Federation of California
5. Campaign Accounts. 1920-1922
6. Entertainment. 1922-1928
7. Publicity
   a. California County Newspapers
   b. California Republican, edited by Ralph Arnold. 1923-1924
   d. Social News Bureau, Nos. 3-34. 1923

Box 233

VI. Miscellaneous Political Papers
1. All-the-Year Republican Organization
2. Appointments and Endorsements. 1924-1926
3. Legislation. 1926-1928
4. Lineburger (Walter F.)-for-Congress Campaign. 1922
5. Moore (Charles C.)-for-Senator Campaign. 1922
6. Reapportionment in California. 1926, 1931
7. Miscellany

Box 233A

Photographs (loose): Political Associates, Local, State and National. 1922-1928
1. Armstrong, Robert Burns, Washington Correspondent, Los Angeles Hoover Organization
2. Bainbridge, Alexander Gilbert, Mayor of Minneapolis, Minn. Republican. 1933-1935
3. Barr, Wesley M., Los Angeles Herald, Republican. 1924
4. Barthel, J.C., Republican County Central Committee. 1924
5. Bartlett, Alfred L., Los Angeles Attorney, Chairman Republican County Central Committee. 1924
6. Baruch, Bernard M., Economist, Republican. 1924
7. Baum, Willis M., Executive Secretary, Ninth District, Congressional Committee. 1924
8. Beatty, Fred T., Editor, Montebello News, Republican. 1924
10. Boynton, Albert E., Chairman, Republican State Central Comm. 1924
11. Brinkoff, Walter, Los Angeles Realtor, Republican. 1924
13. Burdette, Mrs. Clara (Mrs. Robert J.), Delegate to Republican National Convention, Chicago. 1920
14. Bush, George B., Secretary, Coolidge Republican Club, Los Angeles County. 1924
15. Butler, Nicholas Murray, Educator, Chairman Republican National Committee. 1924
17. Chandler, Harry, with Hearst, William R., Governor Richardson, Louis B. Mayer, Republicans. approximately 1920-1922
19. Clark, Edward Hardy, San Francisco Banker, Republican.
20. Clark, Eli P., Treasurer Coolidge Republican Club of Los Angeles County, Vice-Pres. Hoover-for-President Club. 1924; 1929
21. Collier, Daniel C., San Diego Republican. 1925
22. Coolidge, President Calvin (autographed).
23. Craemer, Justus, Orange County Republican. 1924
24. Crail, Joseph, Los Angeles County Central Republican Committee, 1924, Congressman from California, 1927-1929.
25. Crease, J.F., Los Angeles Physician, Chairman, Kern County Central Republican Committee. 1925
26. Culver, Harry H., Banker and Realtor, Republican Speaker, Hoover-for-President Campaign. 1926
27. Cryer, George E., Republican Mayor, Los Angeles. 1921-1929
32. Dodge, Thomas L., California Assemblyman, Republican.
33. Dollar, Robert, San Francisco Shipowner, Republican. 1931
34. Eckman, Arthur Wilson, Attorney, Member Los Angeles County Central Republican Committee. 1924
36. Evans, Herbert J., Monrovia Republican. 1924
37. Evans, S.C., Mayor, Riverside, California, Republican. 1924
38. Evans, William E., Republican Member U.S. Congress from California. 1927-19
39. Ferguson, Morris M., Los Angeles Attorney, Member L.A. County Central Republican Committee. 1924
40. Fitts, Buron Rogers, Los Angeles District Attorney, Republican. 1924
41. Fowler, William Eric, Succeeded Arnold as Chairman, Los Angeles County Central Committee, Republican. 1928
42. Fredericks, John Donnau, U.S. Congressman from California 10th District, Republican, 1923-1927.
43. Gabbert, J.R., Editor, Riverside Enterprise, Republican. 1924
44. Garland, William M., Los Angeles Realtor, President of Coolidge Republican Club of Los Angeles. 1924
45. Giddings, W.W., Vice-President and Manager, Modesto, California Bank, Republican. 1924
46. Goodcell, Rex Bennette, Attorney, Republican, (Los Angeles). 1925
47. Graves, Sidney T., Vice-Chairman, All Parties Reapportionment Committee, 1926-1931.
48. Hale, Marshal, San Francisco, Organized Republican Club of San Francisco, 1923, President of League of Coolidge Republican Clubs of Calif. 1923-2
49. Harding, President and Mrs. Warren G. (during visit to Los Angeles).
50. Hearst, William Randolph (Democrat) and Harry Chandler, prominent newspaper man.
51. Heartwell, Charles L., Long Beach Banker, Republican. 1924
52. Hert, Alvin T., Republican.
<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>53.</td>
<td>Hert, Sallie A. (Mrs. Alvin T.)</td>
<td>Vice-Chairman, Republican National Committee</td>
<td>1924</td>
</tr>
<tr>
<td>54.</td>
<td>Hollingsworth, William J.</td>
<td>Chairman, Republican County Central Finance Committee</td>
<td>1924</td>
</tr>
<tr>
<td>55.</td>
<td>Hoover, Herbert</td>
<td>(autographed).</td>
<td></td>
</tr>
<tr>
<td>56.</td>
<td>Hoover, Herbert</td>
<td>(upon receiving honorary degree, Columbia University).</td>
<td></td>
</tr>
<tr>
<td>57.</td>
<td>Hoover, Lou Henry (Mrs. Herbert, Sr.) and sons, Herbert, Jr. and Allan</td>
<td>(3).</td>
<td></td>
</tr>
<tr>
<td>58.</td>
<td>Hoover, Lou Henry (Mrs. Herbert, Sr.)</td>
<td>after receiving degree of Doctor of Literature from Whittier College. Aug. 17, 1928</td>
<td></td>
</tr>
<tr>
<td>59.</td>
<td>James, William P.</td>
<td>Jurist, U.S. District Court, Republican. 1923</td>
<td></td>
</tr>
<tr>
<td>60.</td>
<td>Johnson, A. Burlingame</td>
<td>Pasadena Republican Senator, Legislature of California. 1924</td>
<td></td>
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<td>61.</td>
<td>Johnson, Charles G.</td>
<td>State Treasurer of California, 03p, Republican. 1922-.</td>
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<tr>
<td>62.</td>
<td>Johnson, Hiram Warren</td>
<td>U.S. Senator from California, 1917-1929; Candidate for nomination for Presidency. 1924</td>
<td></td>
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<tr>
<td>63.</td>
<td>Kelley, Nellie E.</td>
<td>Organized Republican Women's Federation of California, 1925; Secretary Coolidge Republican Club of Los Angeles, County. 1924</td>
<td></td>
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<tr>
<td>64.</td>
<td>Kiesling, Francis B.</td>
<td>San Francisco Attorney, Republican. 1921</td>
<td></td>
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<td>67.</td>
<td>von Kleinsmid, Rufus</td>
<td>President, University of Southern California, 1921-47.</td>
<td></td>
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<td>68.</td>
<td>Koverman, Mrs. Ida R.</td>
<td>Exec. Sec. Republican County Central Comm. 1924</td>
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<td>69.</td>
<td>Langdon, William Henry</td>
<td>Jurist, Supreme Court of California. 1915-1939, Republican</td>
<td></td>
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<td>70.</td>
<td>Langworthy, Mary L.</td>
<td>Republican. 1920</td>
<td></td>
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<td>71.</td>
<td>Lindauer, Samson Arthur</td>
<td>California Senator. Secretary Make-Hoover-President Club. 1920</td>
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<tr>
<td>72.</td>
<td>Lineberger, Walter Franklin</td>
<td>Member U.S. Congress from California 9th District. 1921-1927</td>
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<tr>
<td>73.</td>
<td>Little, Walter J.</td>
<td>Member California State Assembly. Republican.</td>
<td></td>
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<td>75.</td>
<td>Matthews, J.L.</td>
<td>Chairman Publicity, Republican County Central Comm. 1928</td>
<td></td>
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<tr>
<td>76.</td>
<td>Mayer, Louis B.</td>
<td>Motion Picture Director, Republican. 1925</td>
<td></td>
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<tr>
<td>78.</td>
<td>McNabb, Samuel W.</td>
<td>San Bernardino, U.S. District Attorney, So. District, California, Republican. 1925-1933,</td>
<td></td>
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<tr>
<td>79.</td>
<td>McPherson, A.W.</td>
<td>First National Bank, Santa Monica, Republican. 1928</td>
<td></td>
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<td>80.</td>
<td>Miller, Frank A.</td>
<td>Proprietor, Mission Inn, Riverside, Calif., Republican.</td>
<td></td>
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<tr>
<td>82.</td>
<td>Moore, Chas.</td>
<td>defeated Republican candidate for U.S. Senator from California. 1922</td>
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<tr>
<td>83.</td>
<td>Morgan, Thomas</td>
<td>Los Angeles Transportation official, Republican. 1926</td>
<td></td>
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<td>84.</td>
<td>Neuner, Martin C.</td>
<td>Los Angeles Printer, All Parties Reapportionment Committee. 1924</td>
<td></td>
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<td>85.</td>
<td>New, Harry Stewart</td>
<td>Postmaster General, U.S.A. 1923-1929</td>
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<td>86.</td>
<td>O'Brien, P.P.</td>
<td>Los Angeles Postmaster, Republican. 1924</td>
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<td>88.</td>
<td>Pearse, Thomas</td>
<td>Governor of Wyoming, Republican.</td>
<td></td>
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<td>89.</td>
<td>Porter, Florence Collins</td>
<td>Delegate to Republican Nat'l. Convention (seconded the nomination of Calvin Coolidge for President). 1924</td>
<td></td>
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<td>90.</td>
<td>Pratt, Ruth Sears Baker</td>
<td>First woman elected to Congress from New York State, member Republican National Committee. 1929</td>
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<td>91.</td>
<td>Reid, Whitelaw</td>
<td>Journalist and Diplomat, Republican.</td>
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<td>92.</td>
<td>Requa, Mark Laurence</td>
<td>Assistant to Herbert Hoover, U.S. Food Administration 1917-1918; General Director Oil Division, U.S. Fuel Administration. 1918-1919</td>
<td></td>
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<tr>
<td>93.</td>
<td>Richardson, Friend William</td>
<td>Governor of California, Republican. 1923-1927</td>
<td></td>
</tr>
</tbody>
</table>
94. Riley, William L., Republican. 1926
95. Rolph, James Jr., Mayor of San Francisco, Republican. 1911-1932
96. Roper, Daniel Calhoun, Commissioner Internal Revenue, U.S. Secretary of Commerce, Democrat. 1917-1920
97. Rowland, A. Lincoln, Pasadena Attorney, Republican. 1925
98. Salinas, C.H., President Hermosa Beach Chamber of Comm., Republican. 1925
99. Sanders, Everett, Attorney, President Coolidge's Secretary, Republican. 1925-1929
100. Sargent, John Garibaldi, U.S. Attorney-General, Republican. 1926-1929
101. Scott, Joseph, Republican, Member Board of Directors, Los Angeles Chamber of Commerce, 1907-1918; Delegate Republican Nat'l. Convention, Chicago. 1920
102. Sheppard, Morris, U.S. Senator from Texas, Democrat. 1913-1931,
104. Shoup, Paul, President So. Pacific R.R., Republican. 1924.
105. Spannogel, Mrs. Lillian, Long Beach Republican. 1924
106. Spreckles, John B., President Spreckles Companies, Republican. 1924
107. Starling, H., Head White House Secret Service. 1929
108. Stearns, Frank W., Boston Merchant, Republican. 1923
110. Stimson, Marshall, Los Angeles Attorney, Republican.
111. Swain, Robert Eckles, Stanford classmate, acting President of Stanford University, when President Wilbur served on President Hoover's Cabinet, Republican. 1929-1933
112. Swing, Philip David, U.S. Congressman from California, 11th District, Republican. 1921-1929
113. Taylor, Cadet, Prominent Republican politician from Pomona. Hoover booster, Vice-Chairman, 9th Dist. Republican Congressional Committee. 1924.
115. Upham, Fred W., Republican, Treasurer, County Central Committee. 1924
116. Van Antwerp, William C., San Francisco Banker, Republican. 1933
117. Van deWater, Mrs. Edith W. (Mrs. C.F.), Long Beach, Member Executive Committee, 9th Republican Congressional District. 1924
118. Waldo, George E., Pasadena Jurist, Republican. 1924
119. Whiteside, C.E. ("Doc"), Republican County Central Committee. 1925
120. Wilbur, Curtis Dwight, Ralph Arnold's cousin, Chief-Justice Supreme Court of California, 1922-1924; Sec. of Navy under Coolidge, 1924-1929.
121. Willebrandt, Mabel Walker, Asst. Attorney-General, U.S.A., 1921-1929 (2)
124. Works, Harriet W., 2nd Vice-Chairman, Los Angeles County Central Republican Committee. 1924
125. Young, Clement Calhoun, Governor of California, 1919-1927, Republican.

Box 233B

Group Photographs.
127. California Supreme Court. 192-?
128. Hoover-for-President Campaign: Offices and Committees (19).
129. Hoover-for-President Club of Southern California. Luncheon in honor of California delegates to Republican Nat'l. Convention. April 4, 1928
130. Republican Central Committee Banquet, honoring Galen H. Welch, Collector of Internal Revenue. April 27, 1926
131. Republican Victory Banquet, City Club, Los Angeles. November 8, 1924
132. Southern California Republican 1926 Victory Dinner. November 10, 1926
133. Testimonial Dinner tendered Sen. William M. Butler by Republican County Central Committee. April 25, 1927
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<tr>
<th>Box 234</th>
<th>Seismological Papers. 1887-1956</th>
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<td>II. Manuscripts</td>
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<tr>
<td>1. Earthquake of April 21, 1918 in California: Location, Topography, Geology and Structure</td>
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<tr>
<td>2. Earthquakes (Addresses delivered at banquet of Southern California Section, American Institute of Mining and Metallurgical Engineers). September 3, 1920</td>
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<tr>
<td>3. The Earthquake Hazard in the United States. Undated</td>
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<tr>
<td>4. An Explanation of the California Earthquakes, by Ralph Arnold. Undated</td>
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<tr>
<td>5. Geology and Seismic Conditions of Site for Naval Base on Eastern Portion of Terminal Island. 1944</td>
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<td>6. An Island Producing Gas Volcano in Trinidad, West Indies. 1956</td>
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<td>7. Location and Characteristics of the Faults Producing Earthquakes.</td>
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<td>8. &quot;Recent Earthquakes at Los Angeles, California.&quot; 1920</td>
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<td>9. Renaissance of Seismological Activity. Undated</td>
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<td>10. Santa Barbara Earthquake. 1921</td>
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<td>12. The Willis Prophecies. Undated</td>
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<td>III. Maps and Slides. 1940-1945</td>
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<td>IV. Reports</td>
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<tr>
<td>2. Study of Seismic Phenomena of (extract). May 3, 1887</td>
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<tr>
<td>3. Terminal Island Subsistence. June 30, 1945</td>
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<td>V. Photographs. 1911</td>
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<td>VI. Miscellaneous.</td>
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<td>Shells, Fossils, etc.</td>
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<td>Political Papers.</td>
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<td>Box 256</td>
<td>Seismological Papers.</td>
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<td>Box 257</td>
<td>Miscellaneous advertisements.</td>
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