



University of Wyoming-  
American Heritage Center

Guide to the

*Benjamin F. Hake Collection*

Accession # 6977



# THE UNIVERSITY OF WYOMING

PETROLEUM HISTORY AND RESEARCH CENTER  
BOX 3334  
LARAMIE, WYOMING 82071

December 18, 1978

**Copy**

## THE BENJAMIN F. HAKE COLLECTION

Receipt for the gift from D. R. Hake and Murray Hake, received June 28, July 12, 14 and 17, 1978

### AUDIOTAPE

Hake, Benjamin F. Speech: "Scientific Manpower and National Safety". April 29, 1956. To be copied and original returned to Donors.

*given to E.K. ... have copied*

### BOOKS

Cosmos Club History Committee, MEMBERSHIP OF THE COSMOS CLUB-1878-1968. Copyright 1968 by the Cosmos Club.

Moran, William R. DIRECTORY OF STANFORD MINERAL SCIENTISTS. 1962 Edition. Vol. 25. Published by the Associates of the School of Mineral Sciences of Stanford University.

Moran, William R. DIRECTORY OF STANFORD EARTH SCIENTISTS. 1968 Edition. Vol. 26. Published by the Associates of the School of Earth Sciences of Stanford University.

Na THE STANFORD QUAD. Vol. 26. Printed at the Stanford University Press. 1919.

Na THE STANFORD QUAD. Vol. 27. Printed by H. S. Crocker Company, Inc. of San Francisco.

Thompson, Craig SINCE SPINDLETOP. A story of Gulf Petroleum Company. Np.

Willis, Bailey FRIENDLY CHINA. Stanford University Press. Copyright 1949.

Na STANFORD ALUMNI, 1891-1955. Vol. 1

Published at Stanford University by the Stanford Alumni Association in collaboration with the University. Copyright 1956. Paperback.

*Box 1*

*Box 2*

*tz hugh*

*Box 2*

BOOKS

- Box 2 { Na STANFORD ALUMNI, 1891-1955, Vol. II.  
Published at Stanford University by the Stanford Alumni Association in collaboration with the University. Copyright 1956. Paperback.
- Hebard { Na WESTERN SKETCHBOOK. First Edition. By Humble Oil and Refining Company. Lithographed in the U.S.A.

Box

Fitzhugh

Wooden box, with lock and key, presented to Benjamin F. Hake on the occasion of his departure as General Manager of Bolivian Gulf Oil Corporation, Cochabamba, Bolivia, February, 1959, was handmade by the employees of Bolivian Gulf Oil. Book inside is covered with unborn calf, and signed by every employee. (Those who could not write made his or her thumbprint.)

BROADSIDES

Box 2

One 14X23&1/4 - A Farewell Message to Benjamin F. Hake, from the Employees Union, Bolivia Gulf Oil Company. Hand printed, with black ink, on heavy brown paper. No date.

CHARTS

Box 2

- Correlation Chart - Alberta
- " " - Central Alberta
- " " - Upper Gulf Coast
- Geological Progress Chart - Tunisia October 26, 1950.
- Stratigraphic Chart - Ste. Juliette Area December 27, 1951
- " " - SFAXNAP No. 171 December 27, 1950

CORRESPONDENCE

Box 2

<u>To</u>	<u>From</u>	<u>Date</u>
Charles Spencer	Lynn C. Doyle	October 22, 1928
Glen M. Ruby	Wm. N. Davis	June 19, 1931
Ben B. Cox	J. B. Currie	June 16, 1950
R. B. Ross	J. B. Currie	January 8, 1951
The Editor	Party 58, Cody, Wy.	Winter, 1955
B. F. Hake	Gus Pyre	December 20, 1957
Annuitant	E. B. Brockett &	
	B. R. Dorsey	June, 1969
B. F. Hake	Tony Christian	December, 1969
Tony Christian	B. F. Hake	December 20, 1969

MAP LIST

Box 2

USGS Topographic Maps of California donated to the Map Collection at the University of California, Santa Barbara Library.

mapped on oversize shelf

MAPS

World Map showing travel routes by Benjamin F. Hake, distinguished member of the Pan American Clipper Club. No date. 18 X 32.

MAPS

Box 2

Evansville, Indiana - downtown. Jerry Robertson's Oil Man's Map. No date. On reverse side is Evansville, Indiana Oil Directory.

Evansville, Indiana - Jerry Robertson's social map, plus cartoon on oil industry.

Transcontinental gas pipe line - Texas to New York and Pennsylvania.

NEWSPAPER CLIPPINGS

Box 2

Two clippings, no description, both concerning the Petroleum industry in Bolivia.

The New York Times, Wednesday, January 14, 1959. A full page advertisement concerning the Petroleum industry in Bolivia.

No source given - "Cosmopolitan Club Names New Officers". May 20, 1968. Clipping includes picture of B. F. Hake.

The Santa Barbara News-Press, Sunday, February 11, 1968. A one page showing of Maps of Channel Oil Leases.

The American Weekly, "My Faith", by Bailey Willis. March 13, 1949. Full page, printed in Spanish. No source and no date. Subject: Bolivian Gulf Oil Company.

PAMPHLETS

Box 3

Blue Ribbon Defense Panel, THE SHIFTING BALANCE OF MILITARY POWER. Publisher not given. September 30, 1970. 35 pages plus 10 pages of Index, Preface, etc.

Delegates to International Geological Congress, Mexico, 1956. DIRECTORY OF DELEGATES TO INTERNATIONAL GEOLOGICAL CONGRESS. 82 pages plus 25 pages of Index, etc.

Gulf Oil Company, PERCENTAGE DEPLETION, A PROVISION FOR PROGRESS. B. F. Hake, D. L. Gombos, & B. Lucas, Petroleum Society of North Africa. Published in the Journal Office, Tunis. March 10, 1950. 40 pages plus title page & 5 pages of Index.

W. C. Lamb and Paul Truitt, THE PETROLEUM GEOLOGY OF THE SANTA CRUZ AREA, BOLIVIA. No publisher. June, 1963. 21 pages.

National Strategy Information Center, THE MILITARY UNBALANCE. 69 pages. Published in New York City, 1971.

Nixon, Richard M., ECONOMIA LIBRE: MOTOR del PROGRESO. Speech at Industrial International Conference, San Francisco. October 15, 1957.

Petroleum Club of Los Angeles, MEMBERSHIP LIST. July 1, 1960. 45 pages.

Petroleum Production Pioneers 121 Committee, HERE ARE SOME THINGS YOU REALLY OUGHTA KNOW. no date. 6 pages.

Petroleum Society of North Africa, STATUTS. No publisher. No date. 31 pages.

Pick and Hammer Club, THE LAST DAYS OF POMP OR JASON'S GOLDEN FLEEING. Washington, D.C. November 17-18, 1950. 24 pages.

Box 3

Stanford University, YEAR BOOK AND DIRECTORY OF THE GEOLOGICAL AND MINING SOCIETY OF AMERICAN UNIVERSITIES. 1923. Stanford Section, Vol. 9. 98 pages. Autographed to Ben Hake from Bob Karpinski.

PAMPHLETS

Box 3

Stanford University, YEAR BOOK AND DIRECTORY OF THE GEOLOGICAL AND MINING SOCIETY OF AMERICAN UNIVERSITIES. 1926.

Stanford Section, Vol. 12. 100 pages. Autographed to Ben Hake from Bob Karpinski.

W. Taylor Thom, Jr., THE DISCOVERY, DEVELOPMENT AND CONSTRUCTIVE USE OF WORLD RESOURCES. 1964 39 pages. Autographed to Ben Hake from Taylor Thom.

W. Taylor Thom, SCIENCE AND ENGINEERING - AND THE FUTURE OF MAN. No publisher. No date.

W&79-b) Waters, Aaron C., MEMORIAL TO BAILEY WILLIS. Printed by Geological Society of America Bulletin. Vol. 73, pages 55-72. July, 1962.

fitzhugh Willis, Bailey, THE ORIGIN OF LIFE ON EARTH. Printed by Thomas De LaRue and Company., LTD, 110 Bunhill Row, London. From the Fortnightly Review for September, 1933.

Box 3 Wilcox, C. C. CANOL, A SAGA OF THE IMMORTAL BUSH CRUSADE FOR OIL IN THE FRIGID NORTH LAND.

PERIODICAL CLIPPINGS

Bulletin of the Atomic Scientists, IMPACT OF SCIENCE IN EAST ASIA, by Hubert G. Schenck. Vol. 14, #7, September, 1958 3 pages.

The Cosmos Club Bulletin, BAILEY WILLIS, Vol. 22, #2, February, 1959. 3 pages.

Journal of Petroleum Technology, FAITH OF THE ENGINEER, by A. B. Parsons. July, 1965

Journal of Petroleum Technology, PROFESSIONAL ETHICS, by Joe B. Alford. No date.

National Engineers Week, THE ENGINEERING PROFESSION, by Herbert Hoover. February 16-22, 1964.

Stanford Review, HERE STANDS A MAN - HERBERT HOOVER, 1874-1957, by Russel V. Lee. November, 1957.

World Petroleum, ECA'S RELATION TO INTERNATIONAL OIL PROBLEMS, by Joseph B. Hutlinger. February, 1950.

World Petroleum, WORLD OIL TRADE NEEDS FREE MARKETS, an editorial. February, 1950.

PERIODICALS

BOLETIM OFICIAL	June 26, 1948	Series 2, #26
THE PETROLEUM CLUB NEWS	Sept.-Oct., 1953	Vol. 2, #5
PETROLEUM IN BOLIVIA	Aug., 1958	(2 copies)
NOTICIAS	Aug. 26., 1958	Vol. 14
OUR SUN	Spring, 1970	Vol. 35, #2
OUR SUN	Summer, 1971	Vol. 36, #2

PERSONAL PAPERS

50x3 1920s - Grub and supply list for a 4 man party for one month to pack into mountains of Alberta, from the Stan Clark Ranch.

PERSONAL PAPERS

Box 3

- No date. "Technical Subcommittee of the National Petroleum Council's Committee on Underground Storage of Petroleum Products". 2 copies.
- 1943 - "A Parable of the North". ~~Probably written by B. F. Hake~~ 1 page.
- June 26, 1945 - A typewritten copy of a Bill to Prevent Wasteful Abandonment of Oil Producing Properties and Increase the Effective Proved Reserves of Petroleum in the United States. 13 pages.
- July 18, 1945 - "For Mr. Larry Smith". A typewritten paper, probably written by Ben F. Hake, relating to Japanese established oilfields at Yennangyung. 1 page.
- October 12, 1945 - A Citation for Lt. Col. Benjamin F. Hake and a Memo, to Director, Personnel Division for an Award to Lt. Col. Benjamin F. Hake. 3 pages.
- November 25, 1946 - A Power of Attorney legal paper to B. F. Hake, from Gulf Oil Company with the Government of Portugal. 2 pages.
- July 30, 1947 - A Power of Attorney legal paper appointing Benjamin F. Hake, by Gulf Oil Exploration Company, to carry on negotiations with the Government of France, Algeria, Tuinsia and Morocco. 4 pages.
- March 25, 1952 - A presentation to the American Association of Petroleum Geologists, of Kenneth Conrad Heald for the Sidney Powers Memorial Award, by Max W. Ball. 14 typewritten pages.
- October 16, 1952 - A paper titled: "Let's Evaluate Explorers", by B. F. Hake. 10 pages.
- December 9, 1952 - An Address entitled: "The World Oil Outlook", by Max W. Ball. 19 typewritten pages.
- April 24, 1956 - An Address entitled: "Scientific Manpower and National Safety", by B. F. Hake. 9 pages.

PHOTOS

- ~~97-6-411~~ Seven 3&3/8X5&3/8 Moving logs on river. Chisholm Lumber Company, Chisholm, Alberta. No date. PHOTO
- ~~1088~~ One 5&3/4X3&3/8 Four wagons loaded with wool sacks hauled by 18 horses. Wyoming, 1914. PHOTO
- Box 4  
H27 bf) Nine 3&1/2X5&3/4 B. F. Hake and party for Geologic Survey near Clark's Fork above Crandall Creek and on the trail to Bear Tooth Lake. 1916.
- One 5&1/2X3&3/8 B. F. Hake. 1917.
- PHOTO Eleven 4&7/8X3&1/2 B. F. Hake and his brother, Lee. Bighorn Mountains. Summer, 1919.
- Two 5&1/2X3&1/4 B. F. Hake. Circle Hills, Utah. 1920.
- One 4&7/8X6&1/2 B. F. Hake. Mexico, 1920.
- Box 4 - One 3&1/4X5&1/4 Unknown Geologist. 1920.
- ~~AL12~~ Ninety-four 1&7/8X1&7/8 colored Slides of the Alaska Highway with copies of 8 pages of handwritten notes, by B. F. Hake. 1920s. PHOTO

slides - now in box 1 of collection boxes

PHOTOS

Box 1

Box 4

(P824)

Box 4

~~1127 bf~~

~~1127 bf~~

(P824)

(B386d)

(P524)

(W448)

(E16 at)

(B-1127 bf)

(D36)

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Box 4

(E16 at)

Box 4

~~1127 bf~~

~~448 of pe~~

- Forty-four 1&7/8X1&7/8 colored Slides of Mandeyapeca Oil Field
- PHOTO #1 and #2, Bolivia. Taken by B. F. Hake, ~~in the 1920s.~~ 1957 or 1958
- One 2&3/4X4&3/8 Two unidentified Geologists. Late 1920s or early 1930s.
- Two 2&5/8X4&1/2 Each appears to be the same unidentified Geologist. 1920s or 1930s.
- One 2&5/8X4&1/2 Two men, unidentified. 1920s or 1930s.
- One 2&1/2X3&1/2 A Porcupine. PHOTO
- One 2&1/2X3&1/2 Two unidentified Geologists, near a campfire, with fish. 1920s or 1930s.
- One 4&3/8X3&1/8 A tent in the woods. 1920s or 1930s.
- One 3&3/8X5&3/8 Unidentified man with pipe, standing in deep snow. 1920s or 1930s.
- Two 3&1/2X5&1/2 Each shows two men and a child at Meteorological Station, Dominion Forestry Branch, Coalspur, Alberta. September 22, 1926.
- Four 3&3/8X5&3/8 All scenes in Alberta. 1926. Two of snow-capped mountains, one probably a Boarding House, and on of Railroad cars on track and a group of men. ✓
- One 3&1/2X5&7/8 Windfall and Rhubarb Creek, Alberta. 1927. PHOTO
- Nine 3X4&1/2 B. F. Hake, packing with Jim Miller, accompanied by large dog. Alberta. 1928. PHOTO
- Two 3&1/2X5&3/4 Van debracht, Gulley and Hake on Lower Peace River. 1927. ~~de Graht~~
- Two 3&1/4X4&1/2 B. F. Hake in his camp tent, Alberta. 1927. PHOTO
- One 3&3/8X5&3/4 B. F. Hake and companion. Alberta. 1927.
- One 3&3/8X5&3/4 Porcupine. Alberta. 1927. PHOTO
- One 3&3/8X5&3/8 Appears to be a Beaver Dam. Alberta. 1927.
- Three 3&3/8X5&3/4 Falls of Porcupine River near B.C. boundary. PHOTO 1927. PHOTO
- Two 3&3/8X5&3/8 Lynx snare and ~~caught~~ Lynx. 1927. ~~not found~~
- One 3&3/8X5&3/8 Snow-capped Folding Mountains. Alberta. 1927. PHOTO
- One 3&3/8X5&3/8 Pack horses in snow. Unidentified. 1927.
- Two 3&3/4X5&3/4 Unidentified mountains. 1927.
- Three 3&3/8X5&3/8 Athabaska River. 1928. PHOTO
- One 3&1/8X5&1/4 B. F. Hake and five companions packing up at fork of Red Willow and Stony Creek. 1928. PHOTO
- One 3&1/2X5&1/2 Continental Divide in Canada. 1928.
- One 3&1/8X5&1/4 Teepee and camp at Beaver Dam. B. F. Hake and companions. 1928. PHOTO
- Two 3&3/8X5&3/8 Deer. PHOTO
- One 3&3/8X5&3/8 B. F. Hake and companions horseback on high Divide Trail in snowstorm. PHOTO
- One 3&1/2X5&3/4 Two unidentified men near Teepee.
- One 3&3/8X5&5/8 Pole shelter in woods.
- One 3&3/8X5&3/8 Camp on Rhubarb Creek, Alberta. PHOTO
- One 3&3/8X5&3/4 Teepee.
- One 3&1/2X5&3/4 Two unidentified men. No location or date given.
- One 2&1/2X3&1/2 B. F. Hake with rifle. 1927.
- One 3&1/2X4&3/8 B. F. Hake, Summer of 1928. PHOTO
- One 1&1/2X3 Frame building being constructed. PHOTO

PHOTOS

- ~~448 of pe~~ One 1&3/8X3&3/8 Oil Field, Pancher Creek well.
- ~~448 of pe~~ One 1&1/2X4&1/4 Frame building, now completed.
- ~~448 of pe~~ One 1&7/8X3&7/8 Oil Field, Pancher Creek well.
- ~~448 of pe~~ One 2&1/8X3&3/4 Three men, unidentified and oil rig machinery. Pancher Creek well.
- ~~448 of pe~~ One 2&5/8X4&5/8 Oil Field, Pancher Creek well.
- ~~448 of pe~~ One 2&7/8X5&1/8 Oil rig, Pancher Creek well.
- ~~448 of pe~~ Five 3&3/8X5&3/8 B. F. Hake and canoe. Pembina River. 1928. PHOTO
- ~~448 of pe~~ One 3&3/8X5&3/8 G. W. Ruby, with packhorses. Fall, 1929. PHOTO
- ~~448 of pe~~ One 3X4&5/8 B. F. Hake and several companions, with plane. 1929. PHOTO
- ~~448 of pe~~ Companions not identified.
- ~~448 of pe~~ One 3&1/2X5&5/8 Alberta. 1930. PHOTO
- ~~448 of pe~~ Two 2&3/4X4&1/2 Canyon Creek, July 6, 1930. Two people PHOTO unidentified.
- ~~448 of pe~~ Three 2&3/4X4&1/2 Elbow River, July 5, 1930. One picture of three persons, left to right: Murray Hake, B. F. Hake and Robin Willis.. One picture of one person is B. F. Hake. PHOTO
- ~~448 of pe~~ Two 2&3/4X4&1/2 Hail storm at High River, Alberta. June, 1930.
- ~~448 of pe~~ One 2&3/4X4&1/2 Hakes and Robin Willis at Elbow National Forest. July 5, 1930.
- ~~448 of pe~~ One 3&1/2X5&5/8 Three unidentified men at Train Station, Alberta. 1930.
- ~~448 of pe~~ Two 3&1/4X4&3/4 Ben F. Hake and M. Clair Watts at West Alberta #1 Oil Field, east of Prince of Wales Ranch. 1930/31.
- ~~448 of pe~~ Two 3&5/8X4&5/8 Oil derrick and core, West Alberta #1 Oil Field. 1930 and 1931.
- ~~448 of pe~~ One 3&1/4X4&3/4 West Alberta Oil Field. one half mile east of Prince of Wales Oil Field. 1930.
- ~~448 of pe~~ Two 3&1/2X5&5/8 Carl Addison. 1930
- ~~448 of pe~~ One 3&4&5/8 Joe Irwin at Milk River, Alberta. Winter, 1930. PHOTO
- ~~448 of pe~~ One 3&1/2X5&3/4 Bailey Willis. 1930. PHOTO
- ~~448 of pe~~ One 2&3/4X4&1/2 "Cap" Myers, Production Superintendent with Gulf Oil at Saginaw, with Ben F. Hake. Winter, 1934-1935. PHOTO
- ~~448 of pe~~ Three 3X4&3/4 Frame buildings at Twin River #1 Oil Camp. Winter, 1930/31.
- ~~448 of pe~~ Five 3X4&3/4 Oil rig at Twin River #2, Alberta. 1930.
- ~~448 of pe~~ One 4&3/4X7&3/8 Oil rig at Twin River #2, Alberta. 1930. PHOTO
- ~~448 of pe~~ One 5&3/8X7&3/4 Oil rig at Twin River #2, Alberta. 1933.
- ~~448 of pe~~ Two 3&1/4X5&1/4 Model #1 Oil rig, Turner Valley, blowing Nitroglycerine smoke. 1933. PHOTO
- ~~448 of pe~~ Six 5X7 Bateson #1 Oil rig blow-out and fire. December 5, 1940.
- ~~448 of pe~~ One 4X5 Bateson #1, Michigan, Oil rig blow-out and caught fire PHOTO December 5, 1940 and extinguished on December 9, 1940.
- ~~448 of pe~~ Thirty-five 4X4 Descriptive photos of Army operations at McMurray, Alberta. 1942. PHOTO
- ~~448 of pe~~ Thirteen 4&1/2X5&1/2 Deep snow, White Pass and Yukon Railroad. PHOTO 1942 - 1943.
- ~~448 of pe~~ Three 3&1/4X5&1/4 B. F. Hake, Calgary, Alberta. 1942 - 1943.
- ~~448 of pe~~ One 3&3/4X5&3/4 B. F. Hake, Calgary, Alberta. 1942 - 1943.

PHOTO  
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PHOTOS

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 #48-of-mad  
 #22-44-bol  
 Box 4  
 #22-44-bol

One 8X11 $\frac{3}{8}$  B. F. Hake at desk. LaPaz. 1959.  
 Two 4 $\frac{3}{4}$ X3 $\frac{3}{4}$  Two Geologists landed on Sand Bar, by Helicopter, Rio Chapare, preparing to start work. ~~No date~~ 1957-1959  
 Twenty-eight 8X10 All in Bolivia, and relative to Geology work near Helicopter Camp at Rio Chapare. Individuals not identified. 1956 - 1959.

Five 3X4 Madrejones Field, Argentina. 1957.  
 Two 3 $\frac{1}{2}$ X2 $\frac{1}{2}$  " " " "  
 Ten 3 $\frac{1}{2}$ X5 " " " "  
 One 5X7 " " " "

Sixteen 3 $\frac{1}{2}$ X5 Mandeyapecua Field, Bolivia, May, 1957. Photos range from roads, earthen dam, Boyuibe, Bolivia camp to Cochabamba Staffhouse.

Two 3X3 $\frac{3}{4}$  Boyuibe Supply Camp, Bolivia. Probably 1957.

Thirty-eight 3 $\frac{1}{2}$ X5 $\frac{1}{2}$  Assortment of photos of Wyoming State 1916 Geological Survey: Crossing Greybull River, Jack Creek, Elk Creek, Trout Creek, Beartooth Lake and Grass Creek Field. To be copied and originals to be returned to donor.

145-89-  
 No. 28627  
 PHOTO FILE

Seventeen 3 $\frac{5}{8}$ X5 $\frac{7}{8}$  With hand-written Geological notes concerning McKittrick Thrust, Carquinez Quad, Franklin Fault, Coalinga Quad. No date.

One 5X5 $\frac{1}{2}$  Negative of an index map of the San Andreas Fault. Plate #38, with Geological notes.

One 5 $\frac{7}{8}$ X9 $\frac{1}{2}$  Las Posas Hills. No date.

One 4X9 $\frac{5}{8}$  Not identified.

One 3 $\frac{3}{4}$ X15 Strike faults on small anticline in Palos Verdes Hills. No date.

One 6X8 Geological study. No date.

One 6X13 " " " "

One 3 $\frac{1}{2}$ X17 $\frac{1}{2}$  Geological Study. No date. (All of the Geological studies are with hand-written notes on the Geology and refer to the Guadalupe Quad and Lion's Head Fault. No date.)

~~1127 (f)~~

One 3 $\frac{1}{2}$ X3 $\frac{1}{2}$  B. F. Hake and party, in Bolivia. 1958. PHOTO  
 One 5X7 B. F. Hake. Probably taken in 1958. PHOTO

18x22  
 framed  
 18x22

PICTURE-FRAMED

One 18 $\frac{1}{2}$ X26 framed Certificate to Benjamin F. Hake, by Bolivian Petroleum Institute. Printed in Spanish. 1959.

PICTURE-UNFRAMED

PHOTO  
 18x22 sp  
 20x26  
 Art storage

One 18X22 Black and white of "Spindletop" in 1901.

One 20X26 Black and white of teams of horses stuck where the "Betsy Foster" #1 oil well came in. March 17, 1923.

PREPRINTS

Box 3

Hake, B. F. - "Geologic Distribution of Oil in the Illinois Basin" Published by permission of Gulf Refining Co. Paper 826-13-D. For presentation at the Spring meeting of the Eastern District A.P.I. Division of Production, Pittsburgh, Pennsylvania. April 9-10, 1942. 3 copies.

REPRINTS

- Box 3*
- Cheney, M. G. et al. "Classification of Mississippian and Pennsylvanian Rocks of North America." THE BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS. February, 1945. pages 125-169. 2 copies.
- Hake, B. F. "The Age of Specialized Engineering." An address delivered before the District Meeting of the Association of Professional Engineers of Alberta. February 7, 1931, pages 3-11.
- Hake, B. F., Addison, C. C. and Willis, Robin, "Folded Thrust Faults in the Foothills of Alberta." BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA. Published by the Society. 1942, pages 291-334. 2 copies.
- Hake, B. F. "Geologic Occurrence of Oil and Gas in Michigan." BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS. April, 1938, pages 393-415. 2 copies.
- Hake, B. F. "Geologic Background of Oil Production in the Illinois Basin." THE OIL AND GAS JOURNAL. March 11, 1943, pages 82-86.
- Hake, B. F. and Maebius, Jed B. "Lithology of the Traverse Group of Central Michigan." PAPERS OF THE MICHIGAN ACADEMY OF SCIENCE, ARTS AND LETTERS. Vol. 23, 1937, pages 447-461 plus 4 graphs. Published 1938. 2 copies.
- Hake, B. F. "Memorial to Robert Hastings Palmer." Published by the Society. June 1950, pages 211-212.
- Hake, B. F. "Scarps of the Southwestern Sierra Nevada, California." BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA. December 30, 1928, pages 1017-1030. 4 copies.
- Hake, B. F. "Scientific Manpower and National Safety." BULLETIN OF THE AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS. July, 1956, pages 1473-1484.

MISCELLANEOUS

- Box 3*
- Cartoon: Petroleum by-products by Harold Dunn. 5 pages.
- " Skagtown, Alaska. 14 X 29.
- " ANPB 8 X 10.
- Certificates: One 7 $\frac{1}{2}$ X9 $\frac{1}{2}$  to Benjamin F. Hake, from Associates of the School of Mineral Sciences, Stanford University, Life Membership. 1962.
- " One 8 $\frac{1}{4}$ X11 to Benjamin F. Hake, from the American Association of Petroleum Geologists in Appreciation of A Distinguished Lecturer. 1956.
- " One 10 $\frac{1}{2}$ X13 to Benjamin F. Hake, from the Alberta Society of Petroleum Geologists for Long and Honorable Service in Petroleum Geology. Jan. 21, 1953.
- " One 9 $\frac{1}{2}$ X12 to Benjamin F. Hake, from American Institute of Mining, Metallurgical, and Petroleum Engineers for 50 Years Service As A Member, and Advanced to Legion of Honor of AIME. January 1, 1970.

MISCELLANEOUS

Certificates: One 12x18 to Benjamin F. Hake, from the  
Siberia Explorers Club, and Alaska Airlines.  
August 2, 1970

Christmas Cards: One 4x7 folded. To B. F. Hake, from  
George E. Failing Supply Company, Enid, Oklahoma. 1950  
" One 5x6 folded. To B. F. Hake from Bailey  
Willis. Probably 1942.

Diagram: Conversion of Coal to Oil. Simplified flow diagram  
for Bureau of Mines Coal Hydrogenation Plant.

Folder: Office and home addresses and telephone numbers for  
Gulf Oil personnel. January 2, 1950. 27 pages.

Graph: Three 8x11 1/4 - shows a three-dimensional method  
for solution of Geological structure.

Hand-written: Worksheet on Geology structure. Probably done by  
B. F. Hake. No date.

Menu: Complimentary dinner to P. D. Moore, by Independent  
Operators of Turner Valley, Renfrew Club, Calgary.  
November 5, 1931.

Souvenirs: Convention in Houston, Texas, March 23 to 26, 1953,  
and includes a "Texas Passport, fictitious Policy  
covering Convention hazards, and fictitious paper  
money, called "Texas Bucks."

Telephone Directory: Gulf Oil personnel attending the National  
Convention for Gulf Oil, in Los Angeles, California.  
March 24 to 27, 1952.

In my opinion, the above Collection should be valued at  
not less than \$5800.00.

---

Gene M. Gressley  
Director

GMG/eam

Box 3