



University of Wyoming-  
American Heritage Center

Guide to the

Leo Ranney Collection

Accession # 1664

## Inventory of the Leo Ranney papers, 1884-1950

### University of Wyoming. American Heritage Center.

American Heritage Center  
Dept. 3924, 1000 E. University Avenue  
University of Wyoming  
Laramie, WY 82071  
Phone: 307.766.2574  
Fax: 307.766.5511  
Email: [ahcref@uwyo.edu](mailto:ahcref@uwyo.edu)  
URL: <http://ahc.uwyo.edu/>

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### Collection Summary

<b>Title</b>	Leo Ranney papers,
<b>Dates (Inclusive)</b>	1884-1950
<b>Dates (Bulk)</b>	1915-1950
<b>Creator</b>	Ranney, Leo, 1884-
<b>Abstract</b>	
<b>Collection Number</b>	01664
<b>Size</b>	27.9 cubic feet (62 boxes)
<b>Repository</b>	University of Wyoming. American Heritage Center.
<b>Language(s)</b>	English

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### Biography of Leo Ranney

Leo Ranney (1884-1950) worked as a consulting engineer in Texas and Oklahoma from 1920-1925. In 1925 he developed the Ranney method of using horizontal wells to extract oil from exhausted fields. Standard Oil Company of New Jersey bought out his patent and made him president of Ranney Oil and Mining Company, a subsidiary of Standard Oil from 1930-1938. Ranney later worked as a consultant on oil production to the Australian government.

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### Scope and Content

Correspondence (1884, 1893, 1915-1950); subject files on oil well drilling (1922-1947); maps of California; miscellaneous blueprints; newspaper clippings; reports on oil wells and oil well drilling (1926-1948); miscellaneous records relating to the Ranney Oil and Mining Company (1926-1949); 2 scrapbooks; 1 photograph album; and photographs of oil well drilling.

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## Restrictions

### Access Restrictions

There are no access restrictions on the materials for research purposes, and the collection is open to the public.

### Copyright Information

The researcher assumes full responsibility for observing all copyright, property, and libel laws as they apply.

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## Preferred Citation

Item Description, Box Number, Folder Number, Collection Name, Collection Number, American Heritage Center, University of Wyoming.

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## Processing Information

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## Acquisition Information

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## Related Materials

There are no known other archival collections created by Leo Ranney at the date of processing.

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## Access Terms

Blueprints.  
Maps.  
Oil fields -- Equipment and supplies.  
Oil well drilling.  
Oil wells.  
Petroleum industry and trade.  
Photograph albums.  
Photographs.  
Ranney Oil and Mining Company.  
Scrapbooks.  
Petroleum engineers.

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# 1664

March 17, 1985

RECEIPT OF GIFT RECEIVED OF C. O. FAIRBANK ON THE COLLECTION OF LEO RANNEY:

Box 1-29 (140) Alphabetical File Folders

Box 30-43 Correspondence - By Date 1884-1959 Inclusive

Box 44-46 (223) Maps

Box 47-51 (270) Blue Prints, Drafts, Grafts, Charts, Plans & Patterns, Etc.

Box 52-53 Unidentified Newspaper Cuts (35)

Box 54-55 (214) Legal Documents

Box 56-58 (937) Newspaper & Magazine Clippings

Box 59-60 (296) Reports and Articles

Box 61 (8) Books

Box 62 (40) Pamphlets

Box 63-64 (83) Magazines

(2) Scrapbooks Box 67

(2) <sup>4</sup>Ledger Books Box 67-68

(829) Photographs Box 65-66

(17) Lantern Slides

~~16~~  
16

(Signed)

Gene M. Gressley  
Director

March 17, 1965

RECEIPT of gift received of C. O. Fairbank on the Collection  
of Leo Ranney:

ALPHABETICAL FILE FOLDERS:

Box 1

Acid Treatment of Wells  
Allen, W. P. Ranch  
American Commonwealth Power Corp.  
American Eugenics Society  
American Forestry Association  
American Institute of Mining Eng.  
American Institute of Mining & Metallurgical Engine  
American Petroleum Institute  
American Society of Mechanical Engineers  
A. P. I. -- Develop & Product Engineering  
Australia

Box 2

Birney, Dion  
Blair, J. C.  
Brittish Empire

Box 3

Calcium Chloride  
Canada (2 files)  
Canada Stocks  
Coal  
Clinchfield Coal Corporation  
Columbia Gas & Electric Co.  
Corrosion  
Currie, S. O.

Box 4

Davis, Ralph E.  
De Forest Radio Corporation  
De gasification (3 files)  
Doherty, Henry L.  
Downtown Athletic Club

Box 5

Ehrat Method of  
Ehrat Oil & Gas  
English Edward C.  
Expense Accounts

ALPHABETICAL FILE FOLDERS (Continued)

- Box 5 [ Fairbank, C. O.  
Financial 1922  
Franklin  
Fur Farming (4 files)
- Box 6 [ Galer Oil Corp.  
Glidden RWCC NY  
Gold  
Ground Water Supplies  
Gun, Lester B.
- Box 7 [ Hayes, James H.  
H. D. Rospects  
Hodgkin, J. E.  
Hotels  
Household  
Howard  
Hurley, P. J.  
Hydrocarbon Processes
- Box 8 [ Ideas  
Income Tax 1926, 27, 30, 44, 45, 46, 47
- Box 9 [ Iowa State Teacher's College  
Insurance
- Box 10 [ Inventions  
Jesupt Lamont  
Johnson, Wayne
- Box 11 [ Kemmerer, John L.  
Kent, Orton & Co.  
Kistler, Frank E.  
Laurel Ridge  
Lectures  
Life - Air - Gas (2 files)  
Lisbon RWCC (2 files)
- Box 12 [ McCallister  
Memoranda  
Merritt, John W.  
Mitchell, John L.  
Morro
- Box 13 [ Miscellaneous
- Box 14 [ Nebolsine, Ross  
New York State Producers Assoc.  
New York State Tax Correspondence  
Northwestern University  
Nugget Hill Gold Mining Co.

ALPHABETICAL FILE FOLDERS (Continued)

Box 15 [ Oil 1922  
Oil 1923  
Oil Abstracts  
Oil Clippings

Box 16 [ Oil Maps  
Oil Reprints  
Oil Trade

Box 17 [ Pace, Anderson  
Pacific Prospects  
Patents  
Phi Beta Kappa  
Pomeroy Company  
Prairie Oil & Gas Co.

Box 19 [ Ranney, A. M.  
Ranney, F. E.  
Ranney, Lynn  
Ranney, Mr. & Mrs. W. A.

Boxes 18,  
21, 22, 23 [ Ranney Oil & Mining Co.  
Statements 1926 - 1949  
Statements June 22, 1929 - Aug. 21, 1931  
Statements of Bank Acct. - April 1926 - Aug. 1931  
Bank Book - April 13, 1926 - March 16, 1931  
Cash and Journal Vouchers - April 1926 - March 23, 1932

Box 19 [ Readers Digest  
Richards  
Rockefeller, J. D.

Box 20 [ Santa Barbara  
Sigma Chi  
Signal Oil & Gas Co.  
Standard Oil Co. of New Jersey

Box 24 [ Straw, C. A.  
Subkow, Philip  
Scoinerton Contract  
Tar Sands  
Timken Roller Bearing Co.

Box 25 [ Underground Gasification & Reservoirs  
United Gas Improvement Co.  
U. S. Army  
U. S. Water

Boxes 26, 27 [ Warren, John  
Warren, W. B.  
Water

ALPHABETICAL FILE FOLDERS (Continued)

- Box 28 [ Water Development
- Water Mining
- Water Mining Corporation
- Box 29 [ Weiss Engineering Corporation
- Whitney, Leon F.
- Will & Testament - Personal
- Windmills
- Yellowknife Maps

CORRESPONDENCE BY DATE:

- |        |                  |        |        |               |
|--------|------------------|--------|--------|---------------|
|        | Misc. - No Dates |        |        |               |
|        | 1884             |        |        |               |
|        | 1893             | Box 34 | [ 1927 |               |
|        | 1915             |        | [ 1928 |               |
|        |                  |        | [ 1929 |               |
| Box 36 | 1917             |        | [ 1930 | Box 39        |
|        | 1918             | Box 35 | [ 1931 |               |
|        | 1921             |        | [ 1932 |               |
|        | 1922             | Box 36 | [ 1933 |               |
| Box 31 | [ 1923           | Box 37 | [ 1934 | Box 40        |
| Box 32 | [ 1924           | Box 38 | [ 1935 |               |
|        | [ 1925           |        | [ 1936 |               |
| Box 33 | [ 1926           | Box 39 | [ 1937 | Box 41        |
|        |                  |        |        | [ 1938        |
|        |                  |        |        | [ 1939        |
|        |                  |        |        | [ 1940        |
|        |                  |        |        | [ 1941        |
|        |                  |        |        | [ 1942        |
|        |                  |        |        | [ 1943        |
|        |                  |        |        | [ 1944        |
|        |                  |        |        | [ 1945        |
|        |                  |        |        | [ 1946        |
|        |                  |        |        | [ 1947        |
|        |                  |        |        | [ 1948        |
|        |                  |        |        | Box 42 [ 1949 |
|        |                  |        |        | Box 43 [ 1950 |
|        |                  |        |        | [ 1959        |

Box 43 [ Misc. Cards, Announcements, invitations

MAPS:

- Box 44 [ A Geological Map of Ohio
- Geological Map of the Mother Lode Belt in California
- Map Showing Mineral Industries of Ohio
- Map Showing Areas Formerly Covered by Glacial Lakes of Northern Minnesota, Northern Wis., and Northern Peninsula of Michigan
- Sudbury Nickel Region (Geological Map)
- Railroad Map of the United States
- Mileage Map of the Western States and Southwestern Canada
- Map of Texas Showing Commercially Productive Oil and Gas Fields
- Map Windsor - Sarnia (2)
- Sedimentary and Volcanic Rocks (2)
- Geological Map of the Dominion of Canada (2)
- Major Oil & Gas Fields of California
- Producing Formation Map of West Texas-Southeast New Mexico
- World Production and Capacity of Refineries.
- Crude Oil and Products Pipelines Refineries
- The Oil Fields of Utah
- Carlisle Oil Co., Inc.
- Map - Yellowknife Bay
- Coeur D'Alene Mines - Idaho - Montana
- Santa Barbara County
- Map of the Berea Sand of Northern Ohio
- Santa Barbara Channel

Maps (Continued)

Map of Wyoming Showing Test Wells for Oil and Gas, Anticlinal Axes,  
and Oil and Gas Fields

Norfolk County

California - Vallecito Quadrangle

California - Salton Sink

Southern California

California - Cayucos Quadrangle

Calif - Fort San Luis Quadrangle

Calif - San Luis Obispo Quadrangle

Calif - Cayucos Quadrangle - San Luis Obispo

Calif - Santa Ynez Quadrangle

Calif - Lompoc Quadrangle

Calif - Santa Fe

Calif - Santa Susana Quadrangle

Calif - Hueneme Quadrangle

Calif - Santa Paula Quadrangle

Calif - Ventura Quadrangle

Calif - San Luis Obispo Sheet

Calif - San Luis Obispo County

Calif - Glendale

Calif - San Luis Obispo Quadrangle

Calif - Conner Quadrangle

Calif - San Ysidro Quadrangle

Calif - Escondido Quadrangle

Calif - San Jacinto Quadrangle

Calif - Point Loma Quadrangle

Calif - San Coronio Quadrangle

Calif - Potrero Quadrangle

Calif - Romona Quadrangle

Calif - Piru Quadrangle

Calif - Tujunga Quadrangle

Calif - Newhall Quadrangle

Calif - San Fernando Quadrangle

Calif - Glendale Quadrangle

New Mexico - Santa Fe Sheet

Calif - San Mateo Quadrangle

Calif - San Mateo Quadrangle

Calif - San Miguel Quadrangle

Calif - Poso Robles Quadrangle

Calif - Capitola Quadrangle - Watsonville

Calif - San Juan Bautista Quadrangle - Watsonville

Calif - Ventura Quadrangle

Calif - Newport Beach Quadrangle

Calif - Coleta Quadrangle

Calif - McKittrick Quadrangle

Calif - Bakersfield Quadrangle

Calif - Ventura Quadrangle

California

Box 44

MAPS (Continued)

Arizona - California - Moon Mtn. Quadrangle

Calif - Arvin Quadrangle

Calif - San Luis Obispo Sheet

Calif - Indio Quadrangle

Box 44

Calif - Topanga Canyon Quadrangle

Calif - Elizabeth Lake Quadrangle

Calif - Pico Quadrangle

Calif - Holtville Quadrangle

Calif - Bakerfield Quadrangle

Calif - Mojave Quadrangle

Calif - Barstow Quadrangle

Calif - East Elk Hills Quadrangle

Calif - Coal Oil Canyon Quadrangle

Calif - Lost Hills Quadrangle

Calif - Pentland Quadrangle

Calif - Kernville Quadrangle

Calif - Oildale Quadrangle

Calif - West Elk Hills Quadrangle

Calif - Fairfax School Quadrangle

Calif - North of Oildale Quadrangle

Calif - Caliente Quadrangle

Calif - Woody Quadrangle

California (2)

Calif - Pozo Quadrangle

Calif - Weed Patch Quadrangle

Calif - Calabasas Quadrangle

Calif - Deep Creek Quadrangle

Calif - Van Nuys Quadrangle

Calif - Hollywood Quadrangle

Calif - Lassen Volcanic National Park

Calif - Coalinga Quadrangle

Calif - Mt. Pinos Quadrangle

Calif - Triunfo Pass Quadrangle

Calif - Jamul Quadrangle

California - Venice Quadrangle

California - National City Quadrangle

Calif - Riverside Quadrangle

Calif - La Brea Quadrangle

Calif - Glinda Quadrangle

Calif - Elsinore Quadrangle

Calif - Santa Ana Quadrangle

Calif - Cuyamaca Peak Quadrangle

Calif - Inglewood Quadrangle

Calif - El Cajon Quadrangle

Calif - Arroyo Grande Quadrangle

Calif - Torrance Quadrangle

Calif - San Diego Quadrangle

Calif - Gen. Grant and Sequoia National Parks

Box 45

MAPS (Continued)

Central Ore Zone and Vicinity, Kirkland Lake Gold Area  
Plan of Mine Levels, Kirkland Lake (Map)  
Geological Survey Burbank Quadrangle - California  
Geological Survey Youngstown Quadrangle - Ohio-Penn  
Automobile Road Map of the State of California  
Central and Western United State (Car Map)  
Gen. Grant and Sequoia National Parks - California  
California - Hesperia Quadrangle  
Santa Monica  
Gravel Deposits - Montana, N. Dakota, S. Dakota, Wyoming & Colorado  
Canada - Beaulieu River Area Northwest Territories  
Canada - Canol Geological Investigations in the MacKenzie River Area  
Prosperous Lake - Canada  
Canada - Economic Geology Survey  
Corner Vein - Showing Geology, Trenching, Assays  
Map of the Yellowknife Bay Mining Area  
Canada - Northwest Territories  
Yellowknife Bay  
Geological Plan Ranney Gold Mines  
Mineral Resources of the Missouri Valley Region  
Mineral Resources of the Missouri Valley Region (4)  
Generalized Geology of the Central Ore Zone and Vicinity  
Kirkland Lake Gold Area - Canada  
Eagle Mts.  
Coachella  
Index to Topographic Maps of the U. S. Geological Survey  
California, Nevada, Arizona and Utah  
California - Portland - San Francisco  
Map of Colorado Showing Dry Holes and Oil and Gas Fields  
Oregon - Crater Lake National Park and Vicinity  
Hawaii - Kilauea Quadrangle  
Topographic Map of State of Colorado  
Cattaraugus County, N. Y.  
California  
Ranney Gold Mines - Diamond Drilling (2)  
La Salle Yellowknife Gold Mines Ltd.  
Crestaurum Road  
Sand and Gravel Deposits of Colorado  
Sand and Gravel Deposits of Wyoming  
Sand and Gravel Deposits of Montana  
Maps of Northeastern Oklahoma and Part of Adjacent States showing  
the Thickness and Subsurface Distribution of Lower  
Ordovician and Upper Cambrian Rocks Below the Simpson Group (2)  
Map of the Berea Sand in Southern West Virginia  
Map Showing Distribution of Several Types of Berea Sand in West  
Virginia, Eastern Ohio, and Western Pennsylvania  
Sand and Gravel Deposits of North Dakota  
Sand and Gravel Deposits of South Dakota

Box 44

Box 45

MAPS (Continued)

Santa Barbara (12)  
Orlac - Red Lake Mines  
Australia  
Calif - Santa Barbara Quadrangle  
Calif - Goleta Quadrangle  
Calif - Lompoc Quadrangle  
San Luis Obispo County  
Calif - Cayucos Quadrangle  
San Luis Obispo  
Map of Santa Barbara  
California  
Oregon  
Nevada  
Montana, Idaho and Wyoming  
Hawaii  
California  
New Mexico  
Washington  
Rio Grande Embayment Southwest Texas and Northeast Mexico  
The Stratigraphic Relationship of the Berea, Corry and Cussewago  
Sandstones in Northeastern Ohio and Northwestern Penn.  
Jack County, Texas  
Yellowknife (4)  
Ranney Gold Mines - General Geology  
Canada - Windsor - Sarnia (3)  
Canada  
Yellowknife  
Greater Porcupine Gold Area Showing Armada Holdings  
Campbell Dickenson Area (2)  
Indin Lake Gold Area  
Brewis White Operations  
Map of Montgomery County, Kansas  
Kern River Oil Field  
Map of Jackson County, Texas  
Yellowknife (3)  
Indin Lake Gold Area  
Canada - Windsor - Sarnia  
Canada (2)  
Geology of the Bituminous Sandstone Deposits near Edna - California  
Kelley Map Co. Tulsa, Okla.  
Wyoming

Box 46

BLUE PRINTS, DRAFTS, CRAFTS, CHARTS, PLANS AND PATTERNS, ETC.:

Fig. 12 - Plan  
The Water Mining Corporation - Typical Water Mine Layout  
Screen Grid Pattern (2)  
Occurrences of Surface Gas in Southern Ontario

Box 47

BLUE PRINTS, DRAFTS, GRAPHS, CHARTS, PLANS AND PATTERNS, ETC. (Continued)

The Water Mining Corporation and the Eastern Water Mining Corp  
Water Mine - Vertical Type  
Ranney Fluid Mining Processes owned by Standard Oil Development Co.  
The Water Mining Corporation  
The Water Mining Corporation and the Eastern Water Mining Corp.  
The Water Mining Corporation (Detail of 2" Mine Well)  
The Water Mining Corporation (Detail of Concrete Rings for Caisson)  
The Water Mining Corporation (Top & Bottom Form for Caisson Rings)  
X Type CI Screen Foundation  
Plan Shewing Position of Trail Holes  
Metropolitan Water Board  
The Eastern Water Mining Corp (Stuffing Box #4)  
Ranney Water Collector and Poe Drilling & Company  
Ranney Water Collector and Poe Drilling & Company (Screen Pipe 102)  
Proposed Reinforced "Pressure Concrete" (3)  
Metropolitan Water Board (Site of "Ranney" Water Collector)  
The Eastern Water Mining Corp. Cutting Head #3  
The Ranney Water Collectors (Cellular Type and the Radial Type)  
Sketch of Double-Walled Screen Pipe for Ranney Water Collector  
Ranney Water Collector Erection Diagram  
Proposed Method of Charging Storm Water into A Sand-Gravel Bed  
Overlain by a Bed of Clay or other Impervious Material  
The Water Mining Corporation and Eastern Water Mining Corp - Water Mine (2)  
Ranney Water Collector (Conduit Outlet)  
Ranney Water Collector and Poe Drilling Co (Section A-A) (2)  
Ranney Water Collector Erection Diagram (Section G-6)  
Ranney Water Collector Perforated Liner Plate (Section A-A)  
Ranney Water Collector Perforated Liner Plate (Section A-A)  
Ranney Water Collector (Cleanout Plate Assembly)  
Proposed Reinforced "Pressure Concrete" 103  
The Eastern Water Mining Corp (Gasket Rings Stuffing Box #3)  
Ranney Fluid Mining Processes (A Suitable Water-Mine Location)  
The Water Mining Corporation (Elevation of Vertical Water Mine)  
The Eastern Water Mining Corp (Details of Stuffing Box and Screen #4)  
The Water Mining Corp (Plan View of Vertical Water Mine)  
The Water Mining Corporation (702 Kennedy Bldg.)  
Double Walled Horizontal Screen Pipe  
Ranney Water Collector (Filler Plat - MKE)  
The Water Mining Corporation (Water Mine)  
Water Mining Corp and The Eastern Water Mining Corp (Water Mine) (2)  
Edmund Nuttall Sons & Co and John Mowlem & Co. (Diagram Plate)  
Method of Mining Coal, Starting with Lateral Holes Drilled Through the  
Body of Coal to be Mined  
Map Showing Survey of 275<sup>1</sup>/<sub>3</sub> Acres in Parcel "G" Sub #74  
Edmund Nuttall Sons & Co. and John Mowlem & Co ("Ranney" Cellular) (2)  
Edmund Nuttall Sons & Co. and John Mowlem & Co (Slide for Sand Pipe)

Box 47

BLUE PRINTS, DRAFTS, GRAPHS, CHARTS, PLANS AND PATTERNS, ETC. (Continued)

Box 47

Edmund Nuttall Sons & Co and John Mowlem & Co (Molded Soft Rubber Rings)  
Edmund Nuttall Sons & Co and John Mowlem & Co (A - 158  
A - 151  
A - 148  
A - 115  
A - 152  
A - 142  
A - 144  
A - 119  
A - 128  
A - 136  
A - 113  
A - 138)

First Floor Plan - Second Floor Plan

Box 48

The Eastern Water Mining Corp (Huntington Bank Bldg. #4 (Cutting Head Arr  
Map Showing Deerfield Anticline and Contours of Elevation of Trenton Li  
in Southeastern Michigan and South Ontario  
W. H. Allen, Sons & Co (Arr of Horizontal-Spindle Pump and Motor)  
The Eastern Water Mining Corp - Drawing No. 501, 1011, 10112, 1013, 1014  
1015, 1016, 1018, 1019, 1009, 1010, 1002, 1003, 1004, 1006, 1007, 1  
Method of Mining Coal  
Tank Battery Plan  
Casing Head Connections for Rocking Off  
Derrick Foundations Plate I  
Dynamometer Cards  
The Esterline Angus Co. - Chart No. 2310 - C  
Sill Arrangement  
Flow Sheet Natural Gas Gasoline Absorption Plant  
Cellar and Pier Foundations for  
Schematic Layout used by Independent Oil Well Cementing Co.  
Flannery Bolt Co. (Proposed Drill Rod & Coupler for Australia  
Geological Plan Ranney Gold Mines  
Ranney Gold Mines - Diamond Drilling 1944-45  
W. H. Allen, Sons & Co. (Arr of Motor Driven Vertical Spindle Pump)  
Ranney Water Collector Corp of N. Y. (Preliminary Layout of Water  
Collector for E. I. DuPont De Nemours & Co.)  
Ranney Horizontal Oil Well  
Shell Petroleum Corp (Detailed Steel for Caisson)  
Other Applications of Horizontal Drilling  
Method of Mining Coal  
Excavator  
Method of Operating Air Lift  
Method of Extracting Hydrocarbons from Oil Shale  
Construction for the Egyptian Government at Assult  
Method of Transferring Sand Around Santa Barbara Harbor  
Cross Section B - B  
Radial Water Collector Lake Infiltration Unit for the City of Manitowoc,  
Application of the Method to the Harbor of Santa Barbara, Calif.

BLUE PRINTS, DRAFTS, GRAPHS, CHARTS, PLANS AND PATTERNS, ETC. (Continued)

- Water Horse Power  
Method of Mining Coal  
Plan of Shaft for Horizontal Drilling for Blakson Oil Co.  
Ranneywells to Gasify, Coal in Place  
Box 48 Ranney Water Collector (Caisson and Plug Reinforcement)  
Proposed Method of Charging Storm Water into a Sand-Gravel and  
Overlain by a Bed of Clay or other Impervious Material  
Pollyanna Oil & Gas Co. Properties  
Box 51 Inventor Leo Ranney - Inventions  
Occurrences of Surface Gas in Southern Ontario 1932  
Various Applications Fig. X Ranneywells Drilled from the Surface  
Cross Beam on Rame carrying Driving Saddle  
Proposed Reinforced "Pressure Concrete" (Elevation of Portion of Shaft Above  
Ground at Conclusion of a Days Shooting)  
Western Water Mining Corp. (Water Mine - Horizontal Type)  
Typical Water Mine Layout  
Ranney Water Collector and Poe Drilling Co. for Timken Roller Bldg.  
The Mead Corporation (drafts, etc.)  
Crosscut Tunnel  
Bailey Structure  
Estimated Capital Expenditure, Recovery and Profit by Oil Mining  
Edmund Nuttall Sons & Co and John Howlem & Co Drawing No. A-110  
The Water Mining Corp (Detail of Header for 3" Mine Wells)  
Chart Determines Velocity of Quantity  
General Plan (Triangulation - Topography - & Boundaries of  
Property owned by E. W. Murphy & C. E. Miller  
Box 49 Ranney Wells (Plan of Horizontal Hole)  
Earth Boring - Leo Ranney (2)  
Suggested Horizontal Drilling Plan for the Lima, Ohio, Field - Leo Ranney  
Chart Gives Cubic Yards in Excavations  
Chart Determines Velocity or Quantity  
Map of Yellowknife Bay Mining Area  
Sheet 9 - 85 J. Prosperous Lake  
Ranney Gold Mines - Diamond Drilling - 1944-45  
Map of Newhall Oil Field  
Map of Santa Paula - Ojai Oil Fields  
Map of Ventura - Ojai Oil Fields  
Map of Southern Portion of Midway Oil Field  
Chanslor Canfield Midway Oil Co.  
Map of Sunset Oil Field  
Map of West Newport and Newport Oil Fields  
Map of Lost Hills and North Belridge Oil Fields  
Correlation of Basal Permian and Older Rocks in Southwestern Colorado,  
Northwestern New Mexico, Northeastern Arizona, and Southeastern Utah  
Newhall District Pico Field  
Ranney Gold Mines Ltd. (Showing core holes drilled on some of the claims - C  
Road Building Machine and Method

BLUE PRINTS, DRAFTS, GRAPHS, CHARTS, PLANS AND PATTERNS, ETC. (Continued)

Pico Canyon - Standard Oil Co. of Calif (Project ST-A)  
The Texas Company - Project TX-A Shiells Canyon  
Gen. Pat. - A Sec. 34 Maricopa  
CCMD - A Sec. 22 - Fellows  
Project ST-B Standard Oil Co. of California Section 3, Kern River Field  
Shell Oil Co. - Project SH-A, Sections 21, 22, and 27 at Oil Fields  
8 miles due north of Coalinga

Box 49

Range 16-East  
Installing Water Mains, Conduits, Gas Lines, Steam Pipes, Pipe Lines  
under Rivers, Etc. by Ranney patents.  
Forming an Underground Reservoir by Building a Cut-off Dam

Rogers County Oklahoma  
Deed Plot Map of the Coal and Surface Properties of the Situate in Carroll,  
Fallowfield, Somerset and Nottingham Townships - Washington Co. - Pa.  
Map of the Town of Morro Bay, California  
Shaft Method of Recovering Natural Gas  
Recovery of Natural Gas from Coal Seams  
Map of Jim Hogg County  
Middlesex Township  
Geologica Map of Northeast Margin of San Gabriel Basin, Los Angeles  
County, California

Box 50

California - Imperial Quadrangle  
Subsurface Maps of the Rangely Anticline - Colorado  
Geological Map of Northeast Margin of San Garbiel Basin, Calif  
Nowata County, Oklahoma  
Map of the Berea Sand of Northern Ohio (2)  
Town of Morro Bay and Vicinity  
Map Service Automobile Cluf of Southern California  
Cross Sections of the Eastern Foothills between Highwood and Bow Rivers  
Method of and Apparatus for Deflecting a Jacked Pipe - Leo Ranney  
Method of an Apparatus for Protecting Harbors Against the Intrusion of  
Sand-Leo Ranney  
Method of Installing Pipes in Unconsolidated Material (Leo Ranney)  
Method of Drilling a Hole from the Far End of a Tunnel with the Drilling  
Machine Set up Outside  
Method of and Apparatus for Projecting Two-Diameter Pipes into the  
Earth - Leo Ranney  
Value-in-Head Digging Head - Designed to turn the Projected Pipe  
Upward Downward, to the right or to the Left - Leo Ranney  
Method of and Apparatus for Protecting Harbors against the Intrusion  
of Sand - Leo Ranney  
Converting Valleys into a Series of Underground Reservoirs  
Ohio State University (An Invulnerable Water Supply)  
Method of an Apparatus for Charging Silty Water into the Ground - Leo Ranney  
Digging Head and Method of Jacking Pipe - Leo Ranney  
A Water Collector Improvement - LeoRanney

BLUE PRINTS, DRAFTS, GRAFTS, CHARTS, PLANS AND PATTERNS, ETC. (Continued)

- Method of Building Cellular Water Collectors
- Method of Recovering Oil from Tar Sands or Heavy-Oil Sands through Horizontal Wells - Leo Ranney
- Controlled Horizontal Coring - Leo Ranney
- Suggested Horizontal Drilling Plan for the Lima, Ohio, Field - Leo Ranney
- New Methods of Placing Pipe Lines in Bad Terrain
- A New Approach to the Problem of Finding Deposits of "Short" Minerals Improved Method and Apparatus
- Double-Walled Water Collector Screen Pipe
- Method of and Apparatus for Desilting Charged Water and Desilting the Gravel of an Underground Reservoir - Leo Ranney
- Giant Yellowknife Gold Mines Ltd. (3)
- Water Collector Shaft - Driving Nose - Ranney Water Collector
- A Classical Example of a Falling Water Table
- Probable Cross Section A-A
- Our Dole-Minded Thinking by Samuel S. Wyer
- Keller Well (K-2)
- One type of Ranney Vertical Water Collector (Plan View)
- Ranneywells Drilled from the Surface
- M. L. Bayard & Co. (General Arrent of Earth Boring)
- Map showing Gibraltar Reservoir, Mission Tunnel, and Land of the Santa Barbara Water Department
- Method of Drilling
- Drilling from Tunnels
- Diagram of Earth-Boring Machine
- The Ranney Process of Oil Extraction
- Tracings
- Collector as an Infiltration Unit
- Bullingame Type of Water Mine
- Sketch of Double-Walled Screen Pipe for Ranney Water Collector
- Ville De It Etienne De Montluc
- The Only Centralized System of Major Water Supply that is Proof Against Atomic Bombs
- Late Paleozoic Stratigraphy of Central and Northeastern Arizona
- United States Patent Office (Different Dredging Apparatus)
- Steam Radiator in Pressure Holes
- Application of Heat in Ranneywells
- Ranney Wells (Detail Shwoing Intended Burner Installation)
- Ranney Wells (Sketch Showing Method of Extracting Gas and Oil for Alberta Tar Sands)
- Ranney Wells (Plan of Horizontal Hole Heat Supplied by Combustion)
- Ranney Wells (Section through Horizontal Casing)
- Ranney Well (Sketch showing Method of Extracting Oil from Alberta Tar Sands)
- Two New Methods of Placing Pipe Lines and Conduits under Rivers
- Steam Radiator in Pressure Holes
- Type of Oil Well and Its Operation

Box 50

Box 51

[Unidentified Materials in this section

Boxes 52, 53 (35) UNIDENTIFIED NEWSPAPER CUTS

LEGAL DOCUMENTS:

Box 54

- (28) Applications
- (18) Assignments
- (2) Drafts
- (12) Grant Deeds
- (2) Bill of Sales
- (11) Meetings
- (59) Agreements
- (1) Articles of Incorporation
- (4) Proxy

Box 55

- (20) Inventions of Licenses
- (3) Outlines
- (2) Last Will & Testaments
- (17) Power of Attorney
- (7) Petitions
- (7) Claims
- (24) Leases

Box 56, 58 (937) NEWSPAPER AND MAGAZINE CLIPPINGS

REPORTS AND ARTICLES:

Boxes 59-60

- A Limited Offering of Preferred Shares of Marathon Royalties Company
- United States Patent Office (Well Cleaner and Developer)
- United States Patent Office (Method of Facilitating Flow from Wells)
- United States Patent Office (Apparatus for Recovering Oil)
- United States Patent Office (Application filed May 4, 1923. Serial No. 636,51)
- United States Patent Office (Application filed May 21, 1924. Serial No. 714,1)
- Province of Ontario, Canada Mineral Resources
- New Advance Scored in Boring Holes of Large Diameter
- Rainy River-Kirkland Gold Mines Limited
- The Recovery of Natural Gas from Coal
- Report of Investigations
- Yuma Gold Fields, Inc.
- New Technique in Developing Water
- Report on Water Supply
- On the Wings of Courage
- A Report on Bikini a Year Later
- New Method of Producing Oil Is Given First Test in Jacksboro Field
- Production Report on Pennsylvania's First Ranney Well
- Radial Wells for Powder Plant Water Supply
- Production of Natural Gas in the Eastern Fields
- Drilling in the Appalachian Field
- Natural Gas (Hot Water)
- Progress of Major Pipe Line Work
- America's Wonder River--The Colorado

REPORTS AND ARTICLES (Continued)

Setting the Earth on Fire  
Forming an Underground Reservoir by Building a Cut-Off Dam  
Convergence of Lines of Flow Toward Oil Wells  
Oil Men of Pre-Historic Days  
Core Drilling Crew Makes in Six Months on Sixty  
Ohio River Crossing Was  
Gauging Gas Wells Without Open Flow  
Activities of the California Woodpecker  
Unique Construction Methods  
How a "Wild" Well at Kettleman  
Gasoline Pipe Line Operates at High Pressure  
"Washing In" High Pressure Wells  
The Jamin Effect in Cylindrical Tubes  
Hydrocarbon Gas As Power  
Pigeon River Now Turning Water Wheels of Great Hydro-Electric Plant  
Conserving Gas in the Production of Oil in Southern California Fields  
Sapphires of Beauty Found in America  
Sub-Circulation Increased Production  
Filtering Plants and Delayed Flooding at Bradford  
New Type Intermit Operates  
Oil Miner  
The Ranney Well  
Boiling Oil  
That Hotel Boom  
Report on Hydrogeological Survey for the Ethyl Corporation  
Resume of Experience Background  
"Why Inspection"  
P. H. Finn (The Ranney Process of Oil Recovery  
Water Works Improvement Projects (2)  
Minutes of Meeting of Board of Directors of the Water Mining Corp. (2)  
Minutes of First Annual Stockholders' Meeting of the Water Mining Corp.  
Minutes of Meeting of Board of Directors of the Water Mining Corp.  
Rannay Collector - Sunbury  
Physical Conditions Which Determine the Effectiveness of Oil Mining as  
a Means of Secondary Exploitation of Partially Depleted Petroleum  
Deposits  
Log of Amber Petroleum Co.  
The Water Mining Corp - Financial Statement 1933  
Well Log  
Water Improvement Plan for the City of Muskogee, Oklahoma  
Publications of the Bureau of Economic Geology (Texas Free List)  
Notes as to Manner of Amending Documents  
A Partial List of the Oil Mining Patents (U. S.)  
List of Countries Which are Parties to the International Convention  
Method of and Apparatus for Excavating (2)  
Preliminary Notes on Secretary Ickes' Decision on Section 36, Elk Hills, Case  
Report on Glenora Gold Mines Limited Kirkland Lake, Ontario by K. B. Keisey  
Method of and Apparatus for Driving Pipes and Cylinders through Earth Material

Boxes 59-60

REPORTS AND ARTICLES (Continued)

Abandoned Gaseous Mines

The Mines Listed below are some of the Most Gaseous in the Bituminous Region of Pennsylvania

Proposed Water Supply for Houston, Texas

A Proposed Method of Recovering Hydrocarbons from the Alberta Tar Sands By Use of the Ranneywell Patents (2)

A Preliminary Discussion of a Plan to Recover Water, Now Being Wasted, to the Sea, and Delivering it for Irrigation in the Santa Maria Valley United States Patent Office (Making and Setting Tubular Well Screens)

Notes on Water Mining

Water Mines for the Petroleum Industry

Our Actual Petroleum Reserves Within Continental United States

First Oxygen Plant for Coal Gasification Completed

Preliminary Study of the Possibility and Desirability of Extracting Hydrocarbons from the Huron Shales of South Western Ontario

The Groundwater Institute (A Research Organization for Users of Water (4)

Notes on Method of Drilling Horizontal Holes of Great Length and the Machine Which has been Designed for this Purpose

A Proposed Water Supply Plan for the Whole of Santa Barbara County Ranney Water Collector Corp. (Present and Prospective Business 1947)

Notes on Imperial Valley Project

Summary of Propositions, Indicating Profits

Proposed Method of Exploitation of the R. W. C. Process in U. S.

The Production of Filtered Water From Rivers

Conditions for Giving Ranney Water Collector Corporation an Interest in The American Field

Operating Features & Economic Advantages of Ranney Water Collectors with Special Reference to Municipal Water Supplies

Geological Structure of the Kensico Dam Site

Principal Articles about Mr. Ranney during Past Five Years

To the Stockholders of the Weiss Engineering Corporation

Statement of Herman Schleman - February 15, 1936

Canadian Oil Companies, Ltd.

Memo re: British Empire

Wholesale Price-List - 1936

Col. Humphreys Will Drill Two Tests North of Jacksboro

Humphreys Will Drill Two Wells in Jack County

Subsurface Extrusion

Memo on Ranney-Fairbank Contract

Some Fundamentals About Drilling Ranneywells

Memo on Major Rehard's payments to R. W. C. Corp and the Settlement of Accounts

Memo on Mowlem & the British Empire Territory

Memo on General Patent Situation

Memo on Plan for the Exploitation of the Ranney Process in the Central European Region

Memo on Mowlem's & the Alternation way to Handle the British Empire Terr.

Suggestions for Regulation of Exercise

Boxes 59-60

How to Prevent Sexual Impotence  
Method of and Apparatus for Building Underground Structures  
Points in the Conversation with Mr. Findlay, Government Attorney from Los Angeles, on the Occasion of His Visit to Morro Bay, August 10, 1936  
Ranneywell Installations  
Gold Claims on the Yellowknife River (2)  
Suggestions: All Farm Animals Find Immediate Relief  
Oyle Mine Farm Salves  
Venango Development Corporation Oil Runs from Ranneywell Shaft  
Ninety-Two Elements and Life  
The Degasification Corporation  
The Lamp for April 1926  
Interior of an Oil Mine Using the Ranney "Mine Well" Process  
Gasification Memorandum  
The Mine Well Method of Producing Oil - Cost and Recovery  
Synthetic Fuels  
Cost and Returns of an Installation of the Ranney Process of Mining Oil For Release April 5th, 1926  
Report on October 24  
The Greatest Industry of Modern Times  
Preliminary Design of a Fixed Pumping Plant for Harbor Maintenance and Beach Restoration at Santa Barbara, California  
The Ranney Process of Oil Recovery  
Copy of Report of Board of Engineers on Restoration and Maintenance of Beaches and Harbor Santa Barbara, Calif.  
Improved Source of Water Supply for Baton Rouge Plant  
Report of the Technical Advisor to the Venango Development Corporation  
News Letter of the Department of Geology and Geography  
Report of the Treasurer of the Seerley Foundation  
Comparative Statement The Seerley Foundation  
The Only Centralized System of Major Water Supply that is Proof Against Atomic and Other Bombs  
Induced Infiltration Supplies Most Productive Well Field  
Ranney Water Collector Systems  
Balance Sheet as of October 31, 1947  
Present and Prospective Business April 28, 1947  
Report to Licensor Regarding Ranney Water Collector Work Performed and Royalties Earned During the Six Month Period Ending June 30, 1947  
Balance Sheet as of July 31, 1947  
Balance Sheet as of October 31, 1946  
Balance Sheet as of November 30, 1946  
Is Our Water Running Out?  
Important Steps in Projecting the Screen Pipes of the Radial Ranney Water Collector  
Screen Area and Length of Screen Pipes Required to Produce a Designed Quantity of Water  
Letter No. 11  
List of Samples Taken from the Vertical Section of the Test Bore Hole H. 1.  
Technical Report No. 1 Sent to the CA. DAS Aguas of Lisbon

Boxes 59-60

REPORTS AND ARTICLES (Continued)

Statement Fred Edward Gas Well Project  
Statement Fred Gas Well Project  
Revolutionary Water Developments (2)  
How to Save and Store Our Most Important Crop  
Suggested List of Receive Reprints of the Coal Story from the March and  
April Issues of Fortune  
Deposits of Heavy Oil in California Oil Fields  
Our Petroleum Reserves  
U. S. Mine Output in 1949 Second Highest in History  
The Water Foundation (2)  
Naturally Filtered Water Through Induced Infiltration from  
Surface Water Bodies  
Method of Measuring Capacity of the Installation  
Soil Analysis Surveys (Petroleum Exploration - Field Extension)  
Minerals in the Far North  
Northwestern University Department of Geology  
Purposes and Program  
The Ranney Corporation  
Sigma Chi Grand Chapter  
F. H. Edward Gas Well Report  
Summary - The Ranney Process of Oil Recovery  
Cost and Returns of an Installation of the Ranney Process of Oil Recovery  
Horizontal Wells an Interesting Development  
Horizontal Wells  
Boxes 59-60 Contract Signed for Underground Gasification Test  
Report to Mr. Leo Ranney, President Ranney Oil Mining Company  
Mr. Leo Ranney, President Ranney Oil Mining Company  
Summary of Results of Test Boring  
Report to Mr. Leo Ranney, President Ranney Oil Mining Company  
Report on the Mining of the Bartlesville Sand with Special  
Reference to Section 35, Township 27 N., Range 16 E.  
Report on Mining the Bartlesville Sand with Special Reference to  
Areas in Sections 1, 11, 12, 13, 14 & 23  
Report on Recovery of Oil By the Re-Cycling of Solvents and Scrubbers  
in Mining of the Bartlesville San in the Nowata-Alluwe Field  
Report on Mining the Bartlesville Sand with Reference to Areas in Sections  
28, 29, 30, 31, 32, 33 & 34  
Report of the Technical Advisor to the Venango Development Corporation  
Production of Gas from Coal in Place  
Improvements in Methods of Formation and Operation of Underground  
Gas Storage Reservoirs (2)  
Ranney Water Collector Systems  
Degasification of Coal Seams - at a Profit  
Suggestions for Claims  
Naturally Filtered Water Through Induced Infiltration from Surface  
Water Bodies  
The Injection of Rectified Sewage Water into the Ground in the West  
by Means of Ranney Water Installations  
Memo by C. E. Jacob  
Ranney Water Installations

REPORTS AND ARTICLES (Continued)

Memorandum - A Preliminary Discussion of a Plan to Recover Water, Now Being Wasted, to the Sea, and Delivering it for Irrigation in the Santa Maria Valley

Memorandum Mr. G. O. Berrial

Horizontal-Well System

Horizontal Drilling Increases Yield of Australian Oil Field (2)

Ranneywells for the Production of Oil

Pacific Coast Engineering Company

Air Gas Lift Practice

Derricks Foundations and Cellars in the Oklahoma City Field

Process of Rigging up, Spudding in, and Drilling

Foundation Practice for Wells in Oklahoma City

Casing Operation in Oklahoma City

Rigging Up and Spudding by H. B. Batchelor Wilkins

The Oil Overproduction in the U. S. A.

Trip July 7-12, 1930

Report on the New Page Drilling Equipment

Recommendations

The Handling of Drill Pipe on the Fourble Platform

Bailing High Pressure Wells by Sylvain Pirson

Water Supply Systems of the Oklahoma City Oil Field

Sidetracking Fish

Cementing Casing B -- The Halliburton Method

Pump Dynamometer

American Oil and Refining Co's Washington Park No. 1.

Summary of Field Trip Chickasha Gas Field

Casing Operation in Oklahoma City

Cementing of 9" Casing Using 2 Independent Oil Well

Statement of Royalty Earnings During 1948

Notes on Keller's Test Borings

Condition I - Object of Contract

Memorandum on Construction & Cost Data

How Can we Save Our Most Important Crop?

Log of H 17 - Received by LR Nov. 29th

Statement of Accounts of R. Nebolsine with the Ranney Water Collector Corporation as of November 1st 1935

Synthetic Fuels

F. H. Edward Gas Well Report

Method and Apparatus for Advancing Subterranean Pipes

Preliminary Report to the American Petroleum Institute on Corrosion of Oil Field Equipment on the Installation of the Three-Cornered Tests as Prepared by Gordon N. Scott

Ranney Type Collectors Solve Manitowoc's Water Problem

The Economic Aspect of Accident Prevention

boxes 59-60

REPORTS AND ARTICLES (Continued)

Improvements in Methods of Degasification  
Deposits of Heavy Oil  
Wells in Fine, Unconsolidated Sand  
Deep-Well Irrigation in Dust Bowl  
The Water Mine  
For Release June 5, 1935  
Ranney Hydrocarbon Processes  
F. H. Edward Lease  
Memorandum - Extracts of Letter from R. Nebolsine Dated Lisbon June 19  
Ontario Mineral Water "B"  
Certificate of Analysis  
Report of the Oil Mining Committee  
Suggestions for Claims  
Patent Situation  
The Ranney Process of Oil Recovery  
Office Action  
Specifications for "Pacoco" Horizontal Drill Head  
The Ranney Oil Mining Company  
Trip to Toronto, Sarnia and Petrolia March 14 - 17, 1926  
Estimates on the Cost  
Memorandum on Visit by C. Riley to Ranney Lynx Ground, Yellowknife  
Liquid Mineral Products Company

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LITTLE BLACK ADDRESS BOOK  
THE MASSILLON IRON AND STEEL CO.  
THE MIDWEST OIL REGISTER 1949 (2 copies)  
THE MIDWEST OIL REGISTER 1946  
CALIFORNIA PETROLEUM REGISTER 1947  
STUART JAMES AND COOKE INC. - ENGINEERS  
PROCEEDINGS OF THE KENTUCKY MINING INSTITUTE 1942-43  
CHRYSLER'S WAR EFFORT

PAMPHLETS:

Illinois Prepares for Peace  
Water  
Maine Water Utilities Association  
The Deserted Village No. 1  
Canada Department of Mines and Resources, Preliminary Report  
Canol Geological Investigations in the Mackenzie River Area, Northwest,  
Territories and Yukon  
Ohio's Mineral Resources  
The Structure and Oil Prospects of the Foothills of Alberta Between  
Highwood and Bow Rivers

Box 59-60

Box 61

Box 62

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Geological Survey Paper 40-22  
Asphalt and Related Bitumens in 1920  
Oil Mining Possibilities in Pennsylvania  
Oil Mining Process Described by Its Inventor to Engineers  
Increasing Production of Petroleum by Increasing Diameter of Wells  
Geological Report on Jack County Texas.  
Rules, Regulations, and Forms under the Patent Act  
Rules of Practice in the United States Patent Office  
Regulations Concerning Oil and Gas Permits and Leases  
Regulations Concerning Oil Shale Leases  
The Patent Act Chapter 32 of the Statutes of 1935  
The Patent Act Revised Statutes of Canada 1927  
Oil Mining for the Pennsylvania Fields  
Technical Publication No. 578  
Specialty Stocks with Postwar Glamour  
Core Drilling by Contract  
Institute of Ground Water Research  
The Future of Industrial Research  
Royal Society of Arts  
Development in the California Oil Industry during the Year 1936  
Annual Report of Kirkland Lake Gold Mining Company, Ltd.  
Manganese and Chromium  
Water Production for Industrial and Municipal Use  
Mining for Oil in Japan  
Horizontal Drilling for Oil in Pennsylvania a Preliminary Report  
Mechanical Mining in Some Bituminous Coal Mines  
European Shale-Treating Practice  
Experiment in Underground Gasification of Coal, Gorgas, Ala.  
The Induced Infiltration of River Water to Wells  
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Oil Mining for the Pennsylvania Fields

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The Mines Magazine May 1937  
The Explosives Engineer February 1933  
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Petroleum Sept. 1945  
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National Petroleum News July 7, 1943  
The Oil Forum Sept. 1950  
Western City November 1948  
Northwestern University Alumni News. December 1934  
Northern Western University Alumni News July 1924  
The Fraternity Month, December 1946

Box 62

Box 62

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Box 62

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Box 62

Box 62

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Box 62

Box 62

Box 62

Box 62

Box 62

Box 62

Box 62

Box 62

Boxes 63, 64

MAGAZINES (Continued)

- La Revue Petrolifere
- Compress Air Magazine, January, 1933, March, 1933, April, 1933
- The Independent Monthly, Jan. 1944
- Truth about the Tidelands
- Tunnel Liners
- Research, Testing and Process Engineering
- The Orange Disc., July August 1944
- Mining and Metallurgy, Jan., 1943
- The Lamp, August, 1931, Dec., 1931, Dec., 1932, April, 1933, June, 1933, August, 1933, April, 1945, August, 1945, October, 1945, February, 1946, June, 1946, October, 1946, January, 1947, March, 1947, June, 1947, January, 1948
- Keystone Coal Buyers Manual, 1942
- Petroleum Age, May 1925
- The Rig and Reel November, 1934
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- Petroleum, Sept., 1946
- Birth Control Review, April 1933
- The Alumnus, Iowa State University, April, 1950
- The Alumnus, 1933
- Science News Letter, October, 1, 1932, October 8, 1932, October 22, 1932, November 5, 1932, January 17, 1931, March 7, 1931, April 25, 1931, May 2, 1931, May 9, 1931, May 16, 1931, May 23, 1931, June 4, 1949
- Standard Oil Bulletin November, 1932
- Standard Oil Bulletin, December 1932, February, 1933, March, 1933, April, 1933, August, 1933
- Souvenir History of Cartagena De Indias with Compliments of Chamber of Commerce, 1925
- The Hartford Rayon Corporation, 1947
- F. O. B. Los Angeles
- F. O. B. Los Angeles
- Popular Mechanics Magazine, August, 1948
- J. K. Lasser's Your Income Tax, 1950
- Scientific American, January, 1944
- Petroleum Technology, Sept., 1948
- The Magazine of Sigma Chi, Nov. 1926, Sept, 1929, May-June, 1931, Sept.-Oct., 1931, Jan-Feb., 1932, May-June, 1933, May - June, 1946
- Engineers Society of Western Pennsylvania, June 1931
- World Petroleum, March, 1945
- Fortune, March, 1947, April, 1947, February, 1931, September, 1947

Boxes 63, 64

Boxes 63, 64

- (2) SCRAPBOOKS (including newspaper clippings and magazine clippings)
- (2) LEDGER BOOKS (April 1926 to March 1932)
- VOUCHER INDEX (Company names only, no dates)
- VOUCHER (October 1926 to 1930)

Box 67  
on shelves  
Boxes 67-68

Box 65-  
66 [ (829) Photographs ~~OIL PHOTO FILE~~  
(17) Lantern Slides (duplicates & unidentified in Box 65)

(Signed)

\_\_\_\_\_  
Gene M. Gressley  
Director

May 17, 1966:

~~Box 6~~ → Photograph Album  
~~DH42~~ → PHOTO Pace, Anderson  
~~G453~~ → PHOTO Gum, Lester B.  
~~R472~~ → PHOTO Ranney, Leo } Box 66

In my opinion, the above collection(s) should be valued at not less than \$16,000.00 dollars.

\_\_\_\_\_  
Gene M. Gressley  
Director