Guide to the American Petroleum Institute
Photograph and Film Collection, 1860s-1980s

NMAH.AC.0711

Bob Ageton (volunteer) and Kelly Gaberlavage (intern), August 2004 and May 2006; supervised by Alison L. Oswald, archivist.

August 2004 and May 2006
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Collection Overview

Repository: Archives Center, National Museum of American History
Title: American Petroleum Institute Photograph and Film Collection
Identifier: NMAH.AC.0711
Date: 1860s-1980s (bulk 1955-1990)
Extent: 45 Cubic feet (122 boxes)
Language: English
Summary: Collection includes historic photographs, slides and films on subjects relating to all aspects of the petroleum industry, including exploration, drilling, refineries, tankers, pipelines, automobiles, trucks, aviation, refueling, buildings, coal, gasification, plants, mining, surface mining, fields, land reclamation, coastal zone management, corporate public service, educational programs, crude oil, deepwater ports, and watercraft. It also documents numerous products other than gasoline produced by the petroleum industry, such as propane, lubricants, heating oil, and plastics.

Administrative Information

Acquisition Information
The collection was donated to the Archives Center, National Museum of American History by the American Petroleum Institute through Red Cavaney and G. William Frick on December 16, 1999.

Processing Information
Processed by Bob Ageton (volunteer) and Kelly Gaberlavage (intern), August 2004 and May 2006; supervised by Alison L. Oswald, archivist.

Preferred Citation
American Petroleum Institute Photograph and Film Collection, 1860s-1990 (bulk 1955-1990), Archives Center, National Museum of American History

Restrictions
The collection is open for research use. Viewing film portion of collection requires special appointment. See repository for details.
Biographical / Historical

The origins of the American Petroleum Institute (API) date to World War I, when Congress and the domestic oil and natural gas industry worked together to help the war effort. At the time, the industry included the companies created in 1911 after the court-imposed dissolution of Standard Oil and the independents. These were companies that had been independent of Standard Oil and which had no experience working together. The companies agreed to work with the government to ensure that vital petroleum supplies were rapidly and efficiently deployed to the armed forces. The National Petroleum War Service Committee, which oversaw this effort, was initially formed under the U.S. Chamber of Commerce and subsequently as a quasi-governmental body.

After the war, momentum began to build to form a national association that could represent the whole oil and natural gas industry in the postwar years. The industry's efforts to supply fuel during World War I not only highlighted the importance of the industry to the country, but also the industry's obligation to the public.

The American Petroleum Institute was established on March 20, 1919, to afford a means of cooperation with the government in all matters of national concern; to foster foreign and domestic trade in American petroleum products; to promote in general the interests of the petroleum industry in all its branches; and to promote the mutual improvement of its members and the study of the arts and sciences connected with the oil and natural gas industry.

API offices were established in New York City, and the organization focused its efforts in several specific areas. In late 1969, API moved its offices to Washington, D.C.


Scope and Contents

The collection contains, color and black-and-white photographs, contact sheets, slides, color transparencies, negatives, transcripts, audio tape cassettes, and films documenting the American Petroleum Institute (API) and all its activities. The material in the collection was assembled by API public relations staff from oil industry sources over several years and was used in public relations and educational materials.

The photographs and slides are both original and copy prints are organized according to the organizational structure that API used. The photographs and slides document all aspects of the production of oil, from exploration to drilling, from cracking to refineries, from pipelines to tankers, and from storage tanks to service stations. They also document the numerous products other than gasoline produced by the petroleum industry including: kerosene, liquid propane gas, lubricants, heating oil, and plastics. Additionally, they document the industry's efforts at self-promotion, its stand on environmental issues and energy conservation, its efforts to promote safety in its plants, and its perceived competition from other
energy sources, such as gasohol, geothermal energy, solar energy, and nuclear energy. Overall, these images portray the petroleum industry as it saw itself.

The collection also includes general images of petroleum workers, landscape and wildlife scenes, urban settings, vernacular architecture (service stations), railroads, road development, and the industry's crucial role during World War II.

Series 1, Historical Photographs, 1860s-1950s

This series is divided into forty subseries and contains primarily black-and-white photographs, but there are some negatives. Many of the photographs contain captions. The content includes: advertising, lighting and heating, kerosene lamps, lubricants, medicine, aircraft, artwork, equipment, political cartoons, automobiles, terminals, disasters, charts, drilling, portable rigs, rotary rigs, exploration land rush, lighting and stoves, memorials, mining, natural gas, oil company offices, oil fields, pipelines, products, railroads, tank cars, refineries, safety, service stations, teamsters, war, watercraft, and wells.

Series 2, Modern Photographs, 1960s-1980s

The series contains black-and-white and color photographs, negatives and transparencies. The photographs are arranged into topical areas such as diagrams and maps, environment, electricity, exploration, natural gas, pipelines, storage, and wells. The following subjects are represented: artwork, automobiles, trucks, aviation, refueling, buildings, coal, gasification, plants, and mining, surface mining, fields, land reclamation, coastal zone management, corporate public service, educational programs, crude oil, and deepwater ports.

Series 3, Miscellaneous Photographs, 1900s-1970s

The photographs consist of black-and-white copy prints, color transparencies, negatives, and slides for a variety of subjects: pipelines, platforms, service stations, and wells. The names of major oil and petroleum companies, such as Shell, Standard Oil, Sun Oil, and Savory Oil, are represented.

Series 4, Slides, 1970s-1980s

The slides are divided into two subseries: slides presentations and slides by subject/topic. The slides presentations were assembled and presented by API staff. In some instances there are slides, transcripts, and audio tape cassettes for the presentations. The presentations have been arranged alphabetically by title. The subject slides are arranged alphabetically by topic/subject and are identified. Only some of the subject-related slides are dated. The miscellaneous slides contain such images as the Space Shuttle Columbia, sunsets, and industrial scenes.

Series 5, Photograph Albums, 1903-1968 (not inclusive)

This series includes two photograph albums: one that focuses on aviation, bulk plants, chemistry, and disasters and the other on an advertising series from 1953. The first album consists of black-and-white copy prints that are subdivided according to subject. Some of the photographs have captions. The album containing the advertising series is comprised of black-and-white copy prints with the corresponding print ad that was used. The print ads vary in size and amount of text. The advertising series addresses a variety of topics.

Series 6, Scripts for Films, 1955-1978

The scripts consist of final transcripts and drafts for various films commissioned by API. In some instances there are accompanying photographs.

Series 7, Publications, 1959-1990
This series includes publications from various petroleum companies such as the Shell News and Petroleum Facts and Figures and accompanying slides from the API library that were featured in articles.

Series 8, Films, 1960s

The films consist of approximately 25 reels of motion picture film. The films are production elements (negatives, track negatives, A and B rolls) for approximately 10 separate titles. It is not possible to make film elements available for research use. This portion of the collection has not been processed.

Arrangement

Arranged into eight series.

Series 1, Historical Photographs, 1850s-1950s
Series 2, Modern Photographs, 1960s-1980s
Series 3, Miscellaneous Photographs, 1900s-1970s
Series 4, Slides, 1970s-1980s
Series 5, Photograph Albums, 1903-1968 (not inclusive)
Series 6, Scripts for Films, 1955-1978
Series 7, Publications, 1959-1990
Series 8, Films, 1960s

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:
- Aircraft
- Airplanes
- Asphalt
- Automobile racing
- Automobiles
- Disasters
- Drilling and boring
- Electricity
- Energy and environment
- Gas industry
- Gas-lighting
- Gasohol
- Geothermal resources
- Harbors
- Heating
- Lighting
- Medicine
Mines and mineral resources
Natural areas
Natural gas
Nuclear energy
Oil burners
Oil fields
Oil spills
Oil well drilling rigs
Oil-shale industry
Petroleum
Petroleum -- Prospecting
Petroleum industry and trade
Petroleum refineries
Pipelines
Political cartoons
Pollution
Railroads
Service stations
Stoves
Synthetic lubricants
Tank trucks
Tankers
Trade associations
advertising -- Petroleum industry and trade

Types of Materials:
Motion pictures (visual works) -- 1960-1980
Photographs -- 19th century
Scripts (documents)

Names:
Bush, George, 1924-
Carter, Jimmy, 1924-
O'Neill, Tip
Container Listing

Series 1: Historical Photographs, 1850s-1950s
Subseries 1, Advertising, 1850s-1952, undated
Subseries 2, Aircraft, 1903-1966
Subseries 3, Artwork, undated
Subseries 4, Automobiles, 1896-1955, undated
Subseries 5, Delivery, 1874-1929
Subseries 6, Disasters, 1880-1958, undated
Subseries 7, Documents, 1855-1916, undated
Subseries 8, Drilling, 1865-1930, undated
Subseries 9, Equipment, 1921
Subseries 10, Exploration, 1920-1946, undated
Subseries 11, Farming, 1918
Subseries 12, Land Rush-Oklahoma, 1891-1920s, undated
Subseries 13, Lights and Stoves, 1859, undated
Subseries 14, Memorials, 1876, 1901-1953, undated
Subseries 15, Minerals, 1921
Subseries 16, Mining, 1895-1920s, undated
Subseries 17, Natural Gas, undated
Subseries 18, Oil Camps, 1920s, undated
Subseries 19, Oil Company Offices, circa 1865-1932, undated
Subseries 20, Oil Fields, 1895-1936, undated
Subseries 21, Oil Saver, 1928
Subseries 22, Oil Towns, undated
Subseries 23, Petroleum, 1918, 1921, undated
Subseries 24, Pipelines, 1870s-1945, undated
Subseries 25, Products, 1940s-1984, undated
Subseries 26, Publications, 1867-1902, undated
Subseries 27, Railroads, 1864-1933, undated
Subseries 28, Refineries, 1872-1958, undated
Subseries 29, Research, 1920-1957, undated
Subseries 30, Roads, 1863-1947, undated
Subseries 31, Safety, 1924, undated
Subseries 32, Service Stations, 1905-1978, undated
Subseries 33, Songs, 1864-1943, undated
Subseries 34, Storage, 1862-1939, undated
Subseries 35, Teamsters, 1860-1927, undated
Subseries 36, War, 1914, 1940s, undated
Subseries 37, Watercraft, 1861-1980s, undated
Subseries 38, Wells, 1900-1947, undated
Subseries 39, Wild Flower Oil, undated
Subseries 40, Workers, 1887-1930s, undated

Subseries 1.1: Advertising, 1850s-1952, undated
Box 1, Folder 1    Daggett and Ramsdell's Cold Cream (A), undated
Box 1, Folder 2    Daggett and Ramsdell's Cold Cream (B), 1905
Box 1, Folder 3    Daggett and Ramsdell's Cold Cream (C), undated
Box 1, Folder 4    Hand Sopolio, 1909
Box 1              Advertising-Fuel, undated
Box 1, Folder 5    Aviation-Gasoline (A), 1929
Box 1, Folder 6    Aviation-Gasoline (B), 1929
Box 1, Folder 7    Gasoline-Texaco, 1912
Box 1, Folder 8    Kerosene and Medical Uses, 1952
Box 1, Folder 9    Vaseline and Oil Stove, 1952
Box 1, Folder 10   Including Lillian Russell for Hair Cream, 1880s
Box 1, Folder 11   Kerosene Lamps, 1901
Box 1, Folder 12  Kerosene Lamps-Gem Chimney, 1870
Box 1, Folder 13  Kerosene and Lamps-New Orleans, undated
Box 1, Folder 14  Kerosene-Mineral Seal 300 Degree Burning Oil, 1883
Box 1, Folder 15  Kerosene-Natrona Oil, undated
Box 1, Folder 16  Kerosene-Pratt's Astral Oil, undated
Box 1, Folder 17  Lanterns-Camphene, 1855
Box 1, Folder 18  Miners' Lamp, undated
Box 1, Folder 19  Oil Stove, 1870
Box 1, Folder 20  Old Flare Pot, undated
Box 1, Folder 21  Patent Lamp Tea Kettle, undated
Box 1, Folder 22  Harness Oil-Poesy, undated
Box 1, Folder 23  Horse Race-Vacuum Coach Oil Co., 1877
Box 1, Folder 24  Mica Axel Grease, undated
Box 1, Folder 25  Vacuum Coach Oil, undated
Box 1, Folder 26  Vacuum Harness Oil-Hair Oil, undated
Box 1, Folder 27  Liniment, 1885
Box 1, Folder 28  Petroleum (A), 1850s
Box 1, Folder 29  Petroleum (B), 1852
Box 1, Folder 30  Rock Oil, undated

Subseries 1.2: Aircraft, 1903-1966

Box 2, Folder 1  C-124 Globemaster refueling-South Vietnam, 1966
Box 2, Folder 2  Capt. Martin L. Smith's Shooting Star being serviced, undated
Box 2, Folder 3  Endurance Flight-Oxygen Service-Michigan, 1950
Box 2, Folder 4  Lockheed F-80, Shooting Stars refueling at Dow Air Force Base in Bangor, Maine, 1949
Box 2, Folder 5  Curtis Hydro-Early Seaplane, 1911
Box 2, Folder 6  Gee Bee with Jimmy Doolittle, undated
Box 2, Folder 7  Refueling Blimps, undated
Box 2, Folder 8  Refueling by Horse-Drawn Wagon, 1919
Box 2, Folder 9  Vimy-Refueling, 1921
Box 2, Folder 10  Wright Brothers Flight, 1903

Subseries 1.3: Artwork, undated
Box 2, Folder 11  Barrel Filling, undated
Box 2, Folder 12  Barrel Finishing, 1903
Box 2, Folder 13  Barrel Planing, 1903
Box 2, Folder 14  Cable Rig (A), 1860s
Box 2, Folder 15  Cable Rig (B), undated
Box 2, Folder 16  Cookers-Refining, undated
Box 2, Folder 17  Drilling Rig-Standard Cable Tool (A), undated
Box 2, Folder 18  Drilling Rig-Standard Cable Tool (B), undated
Box 2, Folder 19  Oil Cans-Filling, undated
Box 2, Folder 20  Spring Pole Drill, undated
Box 2, Folder 21  Steam Engine (prototype), undated
Box 2, Folder 22  Tank Wagon, 1890

Subseries 1.4: Political Cartoons, undated
Box 2, Folder 23  Dismemberment, undated
Box 2, Folder 24  Labor/Monopoly, undated
Box 2, Folder 25  Miscellaneous-Whale, undated
Box 2, Folder 26  Oil Conservation (A), undated
Box 2, Folder 27  Oil Conservation (B), undated
Box 2, Folder 28  Old and young John Rockefeller, undated
Subseries 1.5: Scenes, 1864-1872, undated

Box 2, Folder 29  Canoes the favorite vehicle, undated
Box 2, Folder 30  Indiana-Farm on site of refinery, undated
Box 2, Folder 31  Oklahoma-Land Rush, undated
Box 2, Folder 32  Pennsylvania-Barge (DePol), undated
Box 2, Folder 33  Pennsylvania-Depot of Oil Creek Railroad, 1865
Image(s)
Box 2, Folder 34  Pennsylvania-Drake Well (DePol), undated
Box 2, Folder 35  Pennsylvania-Flat Boat, undated
Box 2, Folder 36  Boom Town, undated
Box 3, Folder 1   Mouth of Oil Creek, 1865
Box 3, Folder 2   Mouth of Oil Creek-Jam up of Barges, 1864
Box 3, Folder 3   Noble Well and Drilling Tools, 1865
Box 3, Folder 4   Oil City and Well, 1865
Box 3, Folder 5   Oil Creek Railroad, 1865
Box 3, Folder 6   Oil Raft, undated
Box 3, Folder 7   Passenger Packet, 1865
Box 3, Folder 8   So. Improvement Co. Riot, 1872
Box 3, Folder 9   Tanks and Wells (DePol), undated
Box 3, Folder 10  Titusville Street, 1865
Box 3, Folder 11  Well (DePol) (A), undated
Box 3, Folder 12  Well (DePol) (B), undated

Subseries 1.4: Automobiles, 1896-1955, undated

Box 3, Folder 13  Car being pulled out of ditch-Oregon, 1910
Box 3, Folder 14  Car and men with horses, undated
Box 3, Folder 15  2 cars with people talking, undated
Image(s)

Box 3, Folder 16  Mule team hauling car up hill, undated
Box 3, Folder 17  Near storage tanks, undated
Box 3, Folder 18  Taxicab with Normandie, 1930s

Image(s)

Box 3, Folder 19  Stuck on a muddy road pulled out by horse team, undated
Box 3, Folder 20  Auto's Requisitioned-Paris, undated (empty)
Box 3, Folder 21  Brands-Fort Assembly Line-Highland Park, Michigan, circa 1914 (empty)
Box 3, Folder 22  Brougham Electric, 1889
Box 3, Folder 23  Brush, undated
Box 3, Folder 24  Buick, 1905
Box 3, Folder 25  Buick Model 28, 1912
Box 3, Folder 26  Buick, 1921
Box 3, Folder 27  Cadillac Model E, 1905
Box 3, Folder 28  Duryea Horseless Carriage-First Pneumatic Tires, 1895
Box 3, Folder 29  Duryea Horseless Carriage, 1896
Box 4, Folder 1  Ford-Country Squire, 1953
Box 4, Folder 2  Ford-Custom Convertible Coupe, 1950s
Box 4, Folder 3  Ford-Custom line, 1953
Box 4, Folder 4  Ford-Electric Buggy with Sinclair and John Overfield, 1907
Box 4, Folder 5  Ford-Henry Ford and his final Greadricyle - New York, circa 1910 (missing)
Box 4, Folder 6  Ford-Henry Ford driving his first car, 1896
Box 4, Folder 7  Ford-Model R, 1907
Box 4, Folder 8  Ford-Storage at Factory, 1950 (empty)
Box 4, Folder 9  Ford-Lincoln Capri Sedan, 1951
Box 4, Folder 10  Ford-Lincoln Future 1955-It was later used as the Bat mobile, undated
Box 4, Folder 11  Ford-Locomobile Steam, 1899

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Box 4, Folder 12  Ford-Ford Model T, 1912
Box 4, Folder 13  Races-Airplane vs. Automobile - Buick, 1919
Image(s)
Box 4, Folder 14  Races-First to cross the Continent, 1903
Box 4, Folder 15  Races-Henry Ford at wheel of his own designed car, 1901
Box 4, Folder 16  Races-Indianapolis 500, 1909
Box 4, Folder 17  Races-To Paris the long way, 1908
Box 4, Folder 18  Races-To Portland in an Oldsmobiles, 1905
Box 4, Folder 19  Races-Oldsmobile Cannonball Baker, 1923
Box 4, Folder 20  Races-Pirate Rocket Engine, 1903
Box 4, Folder 21  Races-Studebaker Six-Nevada, 1921
Box 4, Folder 22  Races-New York to San Francisco and back, 1930
Box 4, Folder 23  Conservation, undated

Subseries 1.5: Delivery, 1874-1929
Box 4, Folder 24  Barrels on Horse-Drawn wagons-Texas, 1915
Box 4, Folder 25  Horse-Drawn Milk Wagons-Kane Co., Illinois, circa 1929
Box 4, Folder 26  Salesman's Car-near refinery, 1921
Box 4, Folder 27  Salesman's Wagon-Colorado, 1895
Box 4, Folder 28  Salesmen-Salesman's Wagon-Daytona, Ohio-1st Wagon Sales, 1874
Box 4, Folder 29  At Station, undated
Box 4, Folder 30  Massachusetts, undated
Box 4, Folder 31  Motor-Chain Propulsion, 1910
Box 4, Folder 32  Motor Driven Early Model, 1920s
Box 4, Folder 33  Motor Driven-Maryland, undated
Box 4, Folder 34  Motor driven truck train (trailer)-Albany, New York, 1924
Box 4, Folder 35  Moto-with driver looking cool, undated
Box 4, Folder 36  Children helping delivery man, undated

Subseries 1.9: Tank Wagon-Horse Drawn, 1887-1950, undated

Box 4, Folder 37  Tank Wagon-Horse Drawn (A), undated
Box 4, Folder 38  Tank Wagon-Horse Drawn (B), undated
Box 4, Folder 39  Tank Wagon-Horse Drawn (C), undated
Box 4, Folder 40  Tank Wagon-Horse Drawn (D), undated
Box 4, Folder 41  Tank Wagon-Horse Drawn (E), undated
Box 4, Folder 42  Brooklyn, New York, circa 1887
Box 4, Folder 43  Amoco Wagon, 1910
Box 4, Folder 44  1910
Box 4, Folder 45  1920s
Box 5, Folder 1  Delivery-Tank wagon horse drawn-Claifornia, undated
Box 5, Folder 2  California-Oakland, 1913
Box 5, Folder 3  California-San Francisco, 1915
Box 5, Folder 4  Colorado, 1908
Box 5, Folder 5  Decorated for Parade, 1929
Box 5, Folder 6  General, circa 1890-1900s
Box 5, Folder 7  In front of farm house, undated
Box 5, Folder 8  In front of harness shop, undated
Box 5, Folder 9  In front of tin shop, undated
Box 5, Folder 10  In snow, undated
Box 5, Folder 11  In snow (on sled), 1902
Box 5, Folder 12  Kerosene Wagon, 1909
Box 5, Folder 13  New York, 1912
Box 5, Folder 14  North Dakota, circa 1910
Box 5, Folder 15  Ohio (A), 1900
Box 5, Folder 16  Ohio (B), 1900
Box 5, Folder 17  Old and new with drivers, 1929
Box 5, Folder 18  Reproduction, circa 1950
Box 5, Folder 19  Rhode Island, 1890
Box 5, Folder 20  (A), undated
Box 5, Folder 21  (B), undated
Box 5, Folder 22  (C), undated
Box 5, Folder 23  Gulf Refining Co. (A), undated
Box 5, Folder 24  Gulf Refining Co. (B), undated
Box 5, Folder 25  Sunoco, 1911
Box 5, Folder 26  On Sled (A), undated
Box 5, Folder 27  On Sled (B), undated
Box 5, Folder 28  Wagon Factory-Ohio, 1910
Box 5, Folder 29  Detroit, Michigan, 1899
Box 5, Folder 30  Wellbridge, Oregon (A), 1934
Box 5, Folder 31  Wellbridge, Oregon (B), 1934
Box 5, Folder 32  Wagon-Horse Drawn - Downtown Seattle, Washington, 1910

Subseries 1.6: Disasters, 1880-1958, undated
Box 5, Folder 33  California-Refineries--Hancock Oil Co. Refinery Fire, 1958
Box 5, Folder 34  Collapsed rig with people, undated
Box 5, Folder 35  Acme Refinery wreckage, 1880
Box 5, Folder 36  Aftermath crumbled oil storage tanks, undated
Box 5, Folder 37  Derrick leaning and in flames, undated
Box 5, Folder 38  Lake of Oil, undated
Box 5, Folder 39  Natural gas well, undated
<table>
<thead>
<tr>
<th>Box 5, Folder</th>
<th>Description</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>Oil Fields-View from town</td>
<td>undated</td>
</tr>
<tr>
<td>41</td>
<td>Oil Fields-Unidentified</td>
<td>undated</td>
</tr>
<tr>
<td>42</td>
<td>Oil Tanks</td>
<td>undated</td>
</tr>
<tr>
<td>43</td>
<td>Oil Fields-California</td>
<td>undated</td>
</tr>
<tr>
<td>44</td>
<td>Firefighters-Oklahoma</td>
<td>1923</td>
</tr>
<tr>
<td>45</td>
<td>Gas Well-Oklahoma</td>
<td>undated</td>
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<tr>
<td>46</td>
<td>Oil Field-Oklahoma</td>
<td>1924</td>
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**Image(s)**

<table>
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<tr>
<th>Box 5, Folder</th>
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<th>Year</th>
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<tbody>
<tr>
<td>47</td>
<td>Oil Field-Oklahoma</td>
<td>1927</td>
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<tr>
<td>48</td>
<td>Oil Field-View from town-Oklahoma</td>
<td>undated</td>
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<tr>
<td>49</td>
<td>Oil Tanks-Oklahoma</td>
<td>1914</td>
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<tr>
<td>50</td>
<td>Oil Tank and Derrick-Oklahoma</td>
<td>undated</td>
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<tr>
<td>51</td>
<td>View from town-Oklahoma-Drumright</td>
<td>circa 1914</td>
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<tr>
<td>52</td>
<td>Wells-Oklahoma</td>
<td>undated</td>
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<tr>
<td>53</td>
<td>Oil Tanks-Pennsylvania</td>
<td>1909</td>
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<tr>
<td>54</td>
<td>Pit hole wells - Pennsylvania</td>
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<td>55</td>
<td>Refineries-Pennsylvania</td>
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<th>Box 6, Folder</th>
<th>Description</th>
<th>Year</th>
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<tbody>
<tr>
<td>1</td>
<td>Oil Field-Texas (A)</td>
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<td>2</td>
<td>Oil Field-Texas (B)</td>
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<tr>
<td>3</td>
<td>Oil Field-Texas (C)</td>
<td>1902</td>
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<tr>
<td>4</td>
<td>Storage Terminal-Texas</td>
<td>1911</td>
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<tr>
<td>5</td>
<td>Tankers-Texas-City of Everett</td>
<td>undated</td>
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<tr>
<td>6</td>
<td>Tankers-Texas-City of Everett</td>
<td>1903</td>
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<tr>
<td>7</td>
<td>Fire and Flood-Pennsylvania</td>
<td>1892</td>
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<td>8</td>
<td>Flood-Pennsylvania-Wreckage</td>
<td>1892</td>
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<tr>
<td>9</td>
<td>Floods-Wrecked rigs (A)</td>
<td>undated</td>
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</tbody>
</table>
Box 6, Folder 10  Floods-Wrecked rigs (B), undated
Box 6, Folder 11  Train wreck, 1913
Box 6, Folder 12  Train wrecks-Pennsylvania, 1892
Box 6, Folder 13  Windstorms-Collapsed Derricks - people, 1924

Subseries 1.7: Documents, 1855-1916, undated

Box 6, Folder 14  Articles of incorporation-Standard Oil, 1870
Box 6, Folder 15  Billhead-Stewart Brown and Co., West Virginia, 1875
Box 6, Folder 16  Petrolia and The Oil Regions of the U.S., 1865
Box 6, Folder 17  Code Book-Oil buying and selling and dealers, undated
Box 6, Folder 18  Scale of wages-Pipeline Co., 1916
Box 6, Folder 19  Signatures of celebrants from first stock show in Purcell, Texas, 1900
Box 6, Folder 20  Stillman Report cover, 1855
Box 6, Folder 21  Prices of gasoline and crude oil, 1903-1918
Box 6, Folder 22  Cost and return curves for new wells, 1921
Box 6, Folder 23  List of wells in Oil Creek, Pennsylvania, 1860
Box 6, Folder 24  Oil and water production rigs, from a well, 1921
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American Petroleum Institute., Donor

"This shed-type station with its prefabricated panels, pump island, and canopy prefigured many later gas station designs." Caption from reproduction in Chad Randall's article, below. The top of the station bears the Shell sign.

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Bibliography

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Topic: Automobiles -- 1900-1910
Gasoline
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1 Item (8.6" x 7.4").

Image(s): Refueling wing-Tip tanks on fighter planes, undated

Image(s): [Airmen fueling military airplanes : black-and-white photoprint].

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Silver gelatin on paper.

Local Numbers

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Box 43, Folder 55  Pipelines: Alaska-construction of marine terminal at Valdez (pump house); Piping twists and turns in the pump and compressor room, undated

Box 43, Folder 56  Pipelines: Alaska-construction of marine terminal at Valdez (scraper trap); Close up of scraper trap with worker in terminal, undated

Box 43, Folder 57  Pipelines: Alaska-construction of marine terminal at Valdez (site); Pre-construction site of Valdez Terminal with its winter snow cover (A and B), undated

Box 43, Folder 58  Pipelines: Alaska-construction of marine terminal at Valdez (storage tanks); Snow being removed from atop the receiving tank (winter), undated

Box 43, Folder 59  Pipelines: Alaska-construction of marine terminal at Valdez (storage tanks); Snow covered tanks near completion (A and B), Winter 1976
Box 43, Folder 60  Pipelines: Alaska-construction of marine terminal at Valdez (storage tanks); Storage tanks near completion (A and B), 1975

Box 43, Folder 61  Pipelines: Alaska-construction of marine terminal at Valdez (storage tanks); Workers preparing the floor of storage tank viewed through a nozzle opening for a tank mixer, 1975

Box 43, Folder 62  Pipelines: Alaska-construction of marine terminal at Valdez (tanker berths/docks); Floating dock as it enters Port Valdez (A, B, and C) three views with snow covered mountains in the background, undated

Box 43, Folder 63  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Construction of tied-arch bridge crossing the Gulkana River (A), undated

Box 43, Folder 64  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Pipe mounted on special supports on the side of the Yukon River Bridge (A), 1975

Box 43, Folder 65  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Pipe mounted on special supports on the side of the Yukon River Bridge (B), 1976

Box 43, Folder 66  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Pipe mounted on special supports on the side of the Yukon River Bridge (C), 1976

Box 43, Folder 67  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Plate and girder bridge traverses the South Fork Koyukuk River, undated

Box 43, Folder 68  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Steel girder reaching the first of five piers for bridge over the Alaskan waterway, undated

Box 43, Folder 69  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Suspended bridge constructed of cable supports tied to towers on the river banks-crossing the Tanana River, 1976

Box 43, Folder 70  Pipelines: Alaska-construction of Trans Alaska Pipeline (bridge crossings); Suspended bridge constructed of cable supports tied to towers on the river banks - crossing the Tazlina River, 1976

Box 43, Folder 71  Pipelines: Alaska-construction of Trans Alaska Pipeline (coal-dusting); Coal dust is spread over a portion of mountain area to accelerate melting of snow (by airplane), 1976

Box 43, Folder 72  Pipelines: Alaska-construction of Trans Alaska Pipeline (conservation measures); Building pipelines work pad (B), 1976

Box 43, Folder 73  Pipelines: Alaska-construction of Trans Alaska Pipeline (conservation measures); Work pad zigzags across the barren North Slope, undated

Box 43, Folder 74  Pipelines: Alaska-construction of Trans Alaska Pipeline (ditching); Ditching machine clears soil away prior to pipe emplacement, undated
Box 43, Folder 75  Pipelines: Alaska-construction of Trans Alaska Pipeline (ditching); Large tractor-mounted chain saw with 14 foot long blade, 1976

Box 43, Folder 76  Pipelines: Alaska-construction of Trans Alaska Pipeline (drilling); Drilling holes for pipe supports-general scene, 1975

Box 43, Folder 77  Pipelines: Alaska-construction of Trans Alaska Pipeline (drilling); Drilling holes for pipeline support (night scene), undated

Box 43, Folder 78  Pipelines: Alaska-construction of Trans Alaska Pipeline (drilling); World's largest down hole drill bit (A and B), undated

Box 43, Folder 79  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Barges and ice in the Prudhoe Bay hauling equipment, 1975

Box 43, Folder 80  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Cargo aircraft, modified to haul fuel, transfers its load to fuel tank farm, undated

Box 43, Folder 81  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Cargo plane hauling supplies to Brooks Range, undated

Box 43, Folder 82  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Helicopter ferries part of a bulldozer, undated

Box 43, Folder 83  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Helicopter lifts tractor above Keystone Canyon, undated

Box 44, Folder 1  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Pipe section being moved by tractor (A), undated

Box 44, Folder 2  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Pipe sections being moved by crane from stacked storage, undated

Box 44, Folder 3  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Tractor convoy hauling supplies toward Anaktuvuk Pass, 1974

Box 44, Folder 4  Pipelines: Alaska-construction of Trans Alaska pipeline (hauling); Trailers being hauled to North Slope, undated

Box 44, Folder 5  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Truck carrying sections of pipe, undated

Box 44, Folder 6  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Truck convoy hauling supplies toward Anaktuvuk Pass - Aerial View, undated

Box 44, Folder 7  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Truck with trailer hauls pipe to destination; mountains in background, undated

Box 44, Folder 8  Pipelines: Alaska-construction of Trans Alaska Pipeline (hauling); Two air-cushion transporters used to ferry supply trucks across the Yukon (A, B, C), undated
Box 44, Folder 9  Pipelines: Alaska-construction of Trans Alaska Pipeline (helicopter monitoring operations); Close-up of aerial video monitoring system on helicopter - lens for infra-red video photography and temperature monitoring device, 1976

Box 44, Folder 10  Pipelines: Alaska-construction of Trans Alaska Pipeline (helicopter monitoring operations); Helicopter equipped with an infra-red video camera system examines heat pipes installed in above-ground supports, 1976

Box 44, Folder 11  Pipelines: Alaska-construction of Trans Alaska Pipeline (installation); Close-up of heat pipe with finned radiator attached (with worker), undated

Box 44, Folder 12  Pipelines: Alaska-construction of Trans Alaska Pipeline (installation); Panel of fibrous glass insulation being installed on above-ground section by use of a crane, undated

Box 44, Folder 13  Pipelines: Alaska-construction of Trans Alaska Pipeline (installation); Rows of vertical supports appear as lonely sentinels on the North Slope, 1975

Box 44, Folder 14  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Cable systems at Thompson Pass move pipe and equipment (A), 1977

Box 44, Folder 15  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Cable systems at Thompson Pass move pipe and equipment (B), 1977

Box 44, Folder 16  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Cable systems required to move pipe and equipment up and down Thompson Pass, northeast of Valdez (A), 1976

Box 44, Folder 17  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Cable systems required to move pipe and equipment up and down Thompson Pass, northeast of Valdez (B), 1976

Box 44, Folder 18  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Check valve awaiting for installation of pipeline section, 1976

Box 44, Folder 19  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Close-up shot of expansion joint installed between panels of fibrous glass insulation, 1975

Box 44, Folder 20  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Concrete coated pipe pulled on rollers into the water-filled pipe ditch (night scene), undated

Box 44, Folder 21  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Concrete saddle weights being used to weight pipe being buried in floodplains (A), undated

Box 44, Folder 22  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Concrete saddle weights being used to weight pipe being buried in floodplains (B), 1976

Box 44, Folder 23  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Crane hoisting worker into position to fit pipe shoes around pipe, undated
Box 44, Folder 24  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Crossing Brooks Mountain Range through Atigun Pass, 1976

Box 44, Folder 25  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Laying pipe in ditch at the Tonsina River, 1974?

Box 44, Folder 26  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Manipulator lifts and cups the insulation blanket, as crane boom swings the device into place above pipeline, undated

Box 44, Folder 27  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Men installing glass insulation which is attached to galvanized metal outer jackets - most accomplished in 1976

Box 44, Folder 28  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Overall view of pipe being installed in ditch down the slope of Keystone Canyon (A but no B), 1976

Box 44, Folder 29  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying) Pipe being compacted before being buried, 1976?

Box 44, Folder 30  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying) Pipe being fitted to a pipe shoe, [1976?]

Box 44, Folder 31  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Pipe being laid in the Tonsina River by a row of tractor side booms (A and B), 1975

Box 44, Folder 32  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Pipe being laid into ditch by side booms-descending toward the Tonsina River, undated

Box 44, Folder 33  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Pipe shoe assembly being placed on a crossbeam between vertical supports, undated

Box 44, Folder 34  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Portion being buried above Keystone Canyon, 1977

Box 44, Folder 35  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Pretaped double joint pipe being lowered into trenches (B), 1978

Box 44, Folder 36  Pipelines: Alaska-construction of Trans Alaska Pipelines (pipe laying); Row of vertical pipes on which pipe sections will rest, 1975

Box 44, Folder 37  Pipelines: Alaska-construction of Trans Alaska Pipelines (pipe laying); Section of bent pipe being placed in contoured pipe ditch, undated

Box 44, Folder 38  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Section of pipe receives a layer of protective tape coating before being lowered into ditch for burial, undated

Box 44, Folder 39  Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Side boom tractors inch forward lowering pipe into ditch on North Slope, undated
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| Box 44, Folder 41 | Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Trench being prepared for sections of pipe, 1975 |
| Box 44, Folder 42 | Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); trio of side boom tractors lowers section of pipe at Atigun Pass, 1976 |
| Box 44, Folder 43 | Pipelines: Alaska-construction of Trans Alaska Pipeline (pipe laying); Workmen place 8-inch fuel gas pipeline into a ditch alongside the 489-inch pipeline, undated |
| Box 44, Folder 44 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Aerial view of access road under construction at Keystone Canyon, 1975 |
| Box 44, Folder 45 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Bulldozer begins road clearance, undated |
| Box 44, Folder 46 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Bulldozer link-up two segments of the 360-mile-long state road, 1974 |
| Box 44, Folder 47 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Road construction crew drilling holes in preparation for blasting in building state road, 1974 |
| Box 44, Folder 48 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Earth-moving machine climbs a slope north of the Yukon River (B), 1974 |
| Box 44, Folder 49 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Lines of heavy machinery working to build roads (A and B), 1974 |
| Box 44, Folder 50 | Pipelines: Alaska-construction of Trans Alaska Pipeline (road building); Overall view of road construction final link-up of haul road, 1974 |
| Box 44, Folder 51 | Pipelines: Alaska-construction of Trans Alaska Pipelines (road building); Aerial view of Livengood road winding through forests north of Fairbanks, undated |
| Box 44, Folder 52 | Pipelines: Alaska-construction of Trans Alaska Pipeline (roads); Ground view of access road with pickup truck, undated |
| Box 44, Folder 53 | Pipelines: Alaska-construction of Trans Alaska Pipeline (safety tests); Tests to determine the safety margin on pipe sections (A), undated |
| Box 44, Folder 54 | Pipelines: Alaska-construction of Trans Alaska Pipeline (safety tests); Test to determine the safety margin on pipe sections (B), undated |
| Box 44, Folder 55 | Pipelines: Alaska-construction of Trans Alaska Pipeline (signs); Sign marks the entrance to the Prospect Creek work camp (A and B), undated |
| Box 44, Folder 56 | Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Aerial view of stacked pipes at Valdez (A), undated |
Box 44, Folder 57  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Aerial view of stacked pipes at Valdez (B), undated

Box 44, Folder 58  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Aerial view of stacked pipe sections at Valdez, undated

Box 44, Folder 59  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Aerial view of stacked pipes at Valdez (E) Summer, undated

Box 44, Folder 60  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Aerial view of stacked pipes at Valdez (F) Summer, undated

Box 44, Folder 61  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Pipe section being stacked at storage yard by crane, 1975

Box 44, Folder 62  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Snow covered stacked pipe storage on ground (A), undated

Box 44, Folder 63  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Snow covered stacked pipe storage on ground in Valdez, undated

Box 44, Folder 64  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Snow covered stacked pipe storage on ground, undated

Box 44, Folder 65  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Snow covered stacked pipe storage - ground view Winter (D), undated

Box 44, Folder 66  Pipelines: Alaska-construction of Trans Alaska Pipeline (stacked pipe storage); Snow covered stacked pipe storage - ground view Winter (F), undated

Box 44, Folder 67  Pipelines: Alaska-construction of Trans Alaska Pipeline (welders); Apprentice ironworker (female) at Pump Station 1, 1975

Box 44, Folder 68  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Bent pipe being welded by two welders as it is hoisted into ditch (B), undated

Box 44, Folder 69  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Close up of two welders connecting two sections of pipe, 1976

Box 44, Folder 70  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Close up of welder welding second pass on pipe, undated

Box 44, Folder 71  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); (radiograph devices) (A), undated

Box 44, Folder 72  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Inspector determines if the weld is acceptable before welders do another welding pass, undated

Box 44, Folder 73  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Section of pipe being remedied due to weld or radiography discrepancy, undated
Box 44, Folder 74  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Two welders working upside-down on mainline, undated

Box 44, Folder 75  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Welder repairs joints that have not passed inspection tests, undated

Box 44, Folder 76  Pipelines: Alaska-construction of Trans Alaska Pipeline (welding); Worker grinding a weld at a double-jointing plant, undated

Box 44, Folder 77  Pipelines: Alaska-Construction of Trans Alaska Pipeline wrapping); Pipe is being wrapped with polyurethane tape for protection by machines, 1978

Box 44, Folder 78  Pipelines: Alaska-construction of Trans Alaska Pipeline (wrapping); Wrapping sections with anti-corrosion tape, 1976

Box 44, Folder 79  Pipelines: Alaska-Trans Alaska Pipeline (base camps); Galbraith Lake construction camp-Brooks Mountain Range, Winter 1969-1970

Box 44, Folder 80  Pipelines: Alaska Pipeline (base camps); Isabel Pipeline Camp in the Alaska Mountain Range, undated

Box 44, Folder 81  Pipelines: Alaska-Trans Alaska Pipeline (base camps); North Slope (aerial view), undated

Box 44, Folder 82  Pipelines: Alaska-Trans Alaska Pipeline (base camps); Sheep Creek Camp-north of Valdez, undated

Box 44, Folder 83  Pipelines: Alaska-Trans Alaska Pipeline (base camps); Two-story dormitories erected as living quarters for construction workers, undated

Box 45, Folder 1  Pipelines: Alaska-Trans Alaska Pipeline (Diagram depicting typical zigzag configuration), undated

Box 45, Folder 2  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Diagram of ballast treatment plan, undated

Box 45, Folder 3  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Diagram of pipeline burial - (conventional burial) (A), undated

Box 45, Folder 4  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Diagram of pipeline burial-(special burial), undated

Box 45, Folder 5  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Map indicating sections of pipe installed, 1976 April

Box 45, Folder 6  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Map showing pipeline construction sections and contractors, undated

Box 45, Folder 7  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Map showing pipeline route, undated
Box 45, Folder 8  Pipelines: Alaska-Trans Alaska Pipeline (diagrams and maps); Simplified drawing of typical pump station, undated

Box 45, Folder 9  Pipelines: Alaska-Trans Alaska Pipeline (models); Above ground (A), undated

Box 45, Folder 10 Pipelines: Alaska-Trans Alaska Pipeline (models); Above ground (B), undated

Box 45, Folder 11 Pipelines: Alaska-Trans Alaska Pipeline (models); Floating terminal, undated

Box 45, Folder 12 Pipelines: Alaska-Trans Alaska Pipeline (models); pump station, undated

Box 45, Folder 13 Pipelines: Alaska-Trans Alaska Pipeline (pump stations); Pump Station 1 - Prudhoe Bay (aerial view) (A,B,C, and D), undated

Box 45, Folder 14 Pipelines: Alaska-Trans Alaska Pipeline (pump stations); Pump Station #1 of the Trans Alaska Pipeline at Prudhoe Bay on the North Slope, 1984

Box 45, Folder 15 Pipelines: Alaska-Trans Alaska Pipeline (pump stations); Pump Stations 4-Brooks Mountain Range (A and B) Winter and summer, undated

Box 45, Folder 16 Pipelines: Alaska-Trans Alaska Pipeline (pump stations); Pump Station 8 - Winter Scene, undated

Box 45, Folder 17 Pipelines: Alaska-Trans Alaska Pipeline (pump stations); Pump Station 10-Isabel Pass, undated

Box 45, Folder 18 Pipelines: General Celeron All American Pipeline, 1987

Box 45, Folder 19 Pipelines: Andes; Helicopter hauling section of pipeline across rough terrain (A), 1968

Box 45, Folder 20 Pipelines: Andes; Welders working on the Trans-Andean Pipeline (B), 1970

Box 45, Folder 21 Pipelines: Base camps; Alaska Atlantic Richfield's North Slope base camp (aerial view), undated

Box 45, Folder 22 Pipelines: Bridges; Arizona Ehrenberg pipeline bridge in Arizona near California state line, which crosses the Colorado River, 1982

Box 45, Folder 23 Pipelines: Canada; Eastern Canadian natural gas pipeline under construction, 1979

Box 45, Folder 24 Pipelines: Colombia; Aerial view of twisting road through jungle where aluminum pipeline will be installed, undated

Box 45, Folder 25 Pipelines: Compressor Stations-onshore (general and by locations); Mainline compressor station, one of thirty-eight, on the Panhandle truck line transmission system - provides thrust to keep gas moving through pipeline to customers, 1978

Box 45, Folder 26 Pipelines: Compressor Stations; (general by location); Tennessee-Technician checks instrumentation at Tennessee Gas Transmission Company's. unit which is a vital link in one of the nation's largest gas transportation systems, 1983
Box 45, Folder 27  Pipelines: Compressor Stations-onshore (general and by locations); Texas - Compressor station with a close-up of equipment, 1978

Box 45, Folder 28  Pipelines: Compressor Stations-onshore (equipment); Kansas-close-up of a 9,200 horse power gas turbine engine at Humbolt, Kansas, 1978

Box 45, Folder 29  Pipelines: Construction-before/after completion (both on land/offshore); Native grasses are reseeded on completed right-of-way, returning line to its natural state (new pipelines between Rawlins and (new pipeline between Rawlins and Cheyenne, Wyoming), 1980

Box 45, Folder 30  Pipelines: Construction-concrete coating; Close-up of pipe section showing concrete for coating (with worker), undated

Box 45, Folder 31  Pipelines: Construction; Equipment-and sugar pulverize dirt used for backfill, which is pushed gently on the pipe that is buried 3 to 4 feet below the surface. Scene is Frontier pipeline in Wyoming's Overthrust Belt area. (Amoco Corp.), 1983

Box 45, Folder 32  Pipelines: Construction-equipment (side booms); Texas-side booms lower pipe sections into trenches of Panhandle Pipeline in Texas, 1979

Box 45, Folder 33  Pipelines: Construction-equipment (backhoe machines); Back hoe machine and operator digging trench/ditch on pipeline construction site, 1980

Box 45, Folder 34  Pipelines: Construction-equipment (bending machines) Bending mandrel at a mainline construction site in Virginia, undated

Box 45, Folder 35  Pipelines: Construction-equipment (bulldozers); Bulldozer building road, undated

Box 45, Folder 36  Pipelines: Construction-equipment (cathodic protection); Texas-Worker installs cathodic protection equipment to Panhandle Pipeline in Texas, 1979

Box 45, Folder 37  Pipelines: Construction-equipment (crimping machines); Texas-A 420-ile pipeline is laid from Berger, Texas, to Paola, Kansas, to move petroleum products to midwest markets, 1980

Box 45, Folder 38  Pipelines: Construction-equipment (crimping machines) Crimping machines sealing the joint of pipe by pressing them together, Pumpkin Buttes, Wyoming's Hartzog Draw, 1981

Box 45, Folder 39  Pipelines: Construction-equipment (drill systems); Large -124 drill system, undated

Box 45, Folder 40  Pipelines: Construction-inspection of pipe: Louisiana - Inspector checks 24-inch diameter pipe prior to welding at a location in Los Angeles, California, 1978

Box 45, Folder 41  Pipelines: Construction-laying/lowering pipe into ditch/trench; Section of Seaway Pipeline in trench with workers preparing to connect pipe, 1978

Box 45, Folder 42  Pipelines: Construction-laying pipe Seaway Pipeline (from Freeport, Texas to Cushing, Oklahoma), 1978
Box 45, Folder 43  Pipelines: Construction-laying pipe (B), undated

Box 45, Folder 44  Pipelines: Construction-Laying Pipe (D) Two side-oom tractors are used to make a slight bend in the pipe after it has been pulled underneath another pipeline which it crosses, undated

Box 45, Folder 45  Pipelines: Construction-Laying Pipe (E) Shell Pipeline participated in large-diameter pipeline projects such as the 22-inch Ozark System from Cushing to Wood River, 1948

Box 45, Folder 46  Pipelines: Construction-Laying Pipe under water (D), undated

Box 45, Folder 47  Pipelines: Construction-Laying/lowering pipe into ditch/trench; Workers seen working with side booms in positioning pipe into ditch, undated

Box 45, Folder 48  Pipelines: Construction (natural gas) equipment (barges); Gulf of Mexico - A barge lays new pipeline as a part of an expansion of one of Trunkline's gas supply systems in the Gulf of Mexico, 1981

Box 45, Folder 49  Pipelines: Construction-(natural gas) equipment; (crimping machines); North Dakota-Workers putting natural gas pipe sections together prior to welding and laying in trenches, 1980

Box 45, Folder 50  Pipelines: Construction (natural gas) equipment (side booms); Idaho-An natural gas pipeline crossing the Pend Oreille River near Sandpoint, Idaho, 1983

Box 45, Folder 51  Pipelines: Construction-natural gas (equipment-side booms); Michigan-Side booms in preparation of lowering pipe into trench-winter scene with snow falling, undated

Box 45, Folder 52  Pipelines: Construction-Natural Gas (equipment-side booms); Snow Lake, Mississippi. Pipe laying operations are going on somewhere in the Tennessee Gas Transmission system practically all the time, either to expand the system or to replace portions of older pipe, as shown here, 1983

Box 45, Folder 53  Pipelines: Construction (natural gas equipment (side booms)); South Texas pipeline systems (DeWitt/Karnes Counties), 1984?

Box 45, Folder 54  Pipelines: Construction (Natural Gas)-equipment (side booms); Wyoming - Side boom lifting pipe section - with workers on natural gas pipeline project Rawlins, Wyoming, 1978

Box 45, Folder 55  Pipelines: Construction-Natural Gas (laying/lowering pipe into ditch/trench); Louisiana-New 36-inch diameter gas production pipeline addition to truck line's Gulf Coast Supply System, being laid in marshy area in southern Louisiana, 1979

Box 45, Folder 56  Pipelines: Construction-Natural Gas Lowering pipe into ditch/trench; Pennsylvania - A 30-inch natural gas line in Pennsylvania under construction (completed in 1982)
Box 45, Folder 57  Pipelines: Construction-Natural Gas - Welders welding sections of a natural gas pipeline in the Mid-West, 1978

Box 45, Folder 58  Pipelines: Construction-Natural Gas (Welders welding-on land) Oklahoma and Texas-welders at work along the Oklahoma and Texas pipeline corridor (Phillips Petroleum Co.), 1984

Box 45, Folder 59  Pipelines: Construction-Natural Gas (Welders welding-on land) Wyoming-Crew working on 132-mile section of new pipeline between Rawlins and Cheyenne (A and B), 1980

Box 45, Folder 60  Pipelines: Construction-Natural Gas (Welders welding (on land); Texas - Welder joins two sections of pipe of Panhandle Pipelines in Texas, 1979

Box 45, Folder 61  Pipelines: Construction-offshore (concrete coating); General scene on Barge 22 (A thru C), undated

Box 45, Folder 62  Pipelines: Construction-offshore; equipment (barges) Barge laying underwater pipeline - general, undated

Box 45, Folder 63  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico - barge laying underwater pipeline - general, undated

Box 45, Folder 63  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico - barge laying underwater pipeline - general, undated

Box 45, Folder 64  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico - Barge engages in laying pipe at a production platform drilling rig, 1975

Box 45, Folder 65  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico - Close up of barge near Eugene Island Drilling Platform 314, undated

Box 45, Folder 66  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico Pipe laying barge Bar 289 at work laying pipe offshore, undated

Box 45, Folder 67  Pipelines: Construction-offshore equipment (barges) Gulf of Mexico-The Bar-347 laying pipe offshore, 1977

Box 45, Folder 68  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico- The Chickasaw is seen laying offshore pipelines from a reel (built in 1970) (A and B), 1977

Box 45, Folder 69  Pipelines: Construction-offshore; equipment (barges) Gulf of Mexico - The reel barge Chickasaw laying pipe in the Gulf of Mexico, 1977

Box 45, Folder 70  Pipelines: Construction-offshore; equipment (barges) Laying barge

Box 45  #20 - General, undated

Box 45, Folder 71  Pipelines: Construction-offshore; equipment (barges) Laying barge #21 - General, undated
Box 45, Folder 72  Pipelines: Construction-offshore; equipment (barges) Laying barge #22 - General undated

Box 45, Folder 73  Pipelines: Construction-offshore; equipment (barges) Laying barge #23 - General Close-up (A), undated

Box 45, Folder 74  Pipelines: Construction-offshore; equipment (barges) Laying barge #23 - General (distant view) (B), undated

Box 45, Folder 75  Pipelines: Construction-offshore equipment (barges) Laying barge #23 - General (close-up), undated

Box 45, Folder 76  Pipelines: Construction-offshore equipment (barges) Lay Barge #27 laying pipe offshore - general (A and B), 1976?

Box 45, Folder 77  Pipelines: Construction-offshore; equipment (barges) Pipe laying barge at work with drilling background, off the Louisiana coast in the Grand Isle area, undated

Box 45, Folder 78  Pipelines: Construction-offshore; equipment (barges) North Sea- Choctaw II laying pipe built in 1969

Box 45, Folder 79  Pipelines: Construction-offshore; equipment (barges) North Sea- Laying barge Semac I (A and B), undated

Box 45, Folder 80  Pipelines: Construction-offshore; equipment (barges) North Sea- Pipe laying barge Bar 323 at work laying pipe offshore, undated

Box 45, Folder 81  Pipelines: Construction-offshore; equipment (barges) North Sea-

Box 45  The Creek barge, 1976

Box 45, Folder 82  Pipelines: Construction-offshore; equipment (barges) North Sea-

Box 45  The Viking Piper pipe laying barge (built 1975)

Box 45, Folder 83  Pipelines: Construction-offshore; equipment (barges) North Sea-

Box 45  undated. Launched in 1975

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Box 51, Folder 29  Refineries: Night Scenes - General overall view of a modern refinery showing flare stack, 1982

Box 51, Folder 30  Refining - Night Credit Union Oil Co. of California, undated

Box 51, Folder 31  Refineries: Japan - Japan's largest refining and petrochemical complex, Kawasaki (night scene) (Exxon Corp.), 1983

Box 51, Folder 32  Refining - Night (B) Credit: Getty Oil and American Petroleum Institution, undated

Box 51, Folder 33  Refineries: Night Scenes - Illinois - Robinson refinery (Marathon Oil Co.), 1982
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Box 51, Folder 36  Refineries: Night Scenes - Louisiana - Lake Charles refinery as seen at night (Cities Service Today 1979 June

Box 51, Folder 37  Refineries: Night Scenes - Montana unit at Billings - twilight (Conoco Inc.), undated

Box 51, Folder 38  Refineries: Night Scene-North Salt Lake-refinery w/brilliant sunset in background Courtesy Husky Oil Co., 1978

Box 51, Folder 39  Refineries: Night Scenes - Petrochemical plant at unknown location silhouetted against setting sun-(Occidental Petroleum Co.), 1978

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Box 51, Folder 43  Refineries: Petrochemical plants-Workers; operators (The Standard Oil Co.) Ohio, 1977

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Box 51, Folder 47  Refining: Plant equip fractionators unit propylene plant (Phillips) Sweeny, Texas, undated

Box 51, Folder 48  Refining: Plant foreign asphalt (Phillips) (England), undated

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Box 51, Folder 50  Refining: Plants-synthetic rubber (Phillips, Borger, Texas), undated

Box 51, Folder 51  Refineries: Polybutene plants - New polybutene plant a Whitney, Indiana with storage tanks in foreground, seen at night-(Amoco Corp.), 1981
Box 51, Folder 52  Refineries: Polyethylene Plants - Belgium - low-density plant in Antwerp- (Flour Corp.), 1977

Box 51, Folder 53  Refineries: Polyethylene Plants - Louisiana; close up of low density polyethylene manufacturing facilities at Lake Charles, :Louisiana (A and B), 1978

Box 51, Folder 54  Refineries: Polyethylene Plants - Spain - high-density polyethylene butadiene, synthetic rubber and carbon black plant (Phillips Petroleum Co.), 1969

Box 51, Folder 55  Refineries: Polyethylene Plants - Texas - overall night scene of new plant at Cedar Bayou-(Chevron Corp.), 1978

Box 51, Folder 56  Refineries: Prilling Towers - Prilling tower Vistron area plant in Lima, Ohio (The Standard Oil Co.), undated

Box 51, Folder 57  Refineries: Puerto Rico - Entrance to petrochemical core plant at Guayama-(Phillips Petroleum Co.), 1958

Box 51, Folder 58  Refineries: Reduced Crude Conversion (RCC) Units - Two views of unit at Catlettsburg, Kentucky, refinery (A and B) (Ashland Oil, Inc.), 1982 and 1983

Box 51, Folder 59  Refineries: Refining-refining complex at Corpus Christi, Texas, undated

Box 51, Folder 60  Refineries: Refiner Reactors Ohio - reformer unit at the Lima refinery - (Chicago Bridge and Iron Co.), 1970

Box 51, Folder 61  Refineries: Refiner Reactors - Texas - unit in refinery location on the Houston Ship Channel at Pasadena, night scene-(Crown Central Petroleum Corp.), 1979

Box 51, Folder 62  Refineries: Safety Procedures/Training - testing/inspecting equipment by workers at modern refineries (A, B, and C), undated

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Box 51, Folder 64  Refineries: safety Procedures/Training - testing and inspecting plant equipment by workers at refinery in Saudi Arabia (Arabian American Oil Co.), 1976

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Box 51, Folder 66  Refineries: Safety Procedures/training - training on-the-job safety meeting showing instructor and trainees (Chevron Corp.), 1977

Box 51, Folder 67  Refineries: Safety Procedures/Training - training program at refinery training centers in Louisiana and Michigan (B) (Marathon Oil Co.), 1981

Box 51, Folder 68  Refineries: Saudi Arabia - the Petromin lubricating oil refinery at sunset - Jeddah (Mobil Oil Corp.), 1980

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Box 51, Folder 71  Refineries: Singapore - 180,000 barrel-a-day unit located at the massive Jurong Industrial Estate (Mobil Oil Corp.), 1981

Box 51, Folder 72  Refineries: Soviet Union - View of the Irkutsk refinery in Angarske, undated

Box 51, Folder 73  Refineries: Spain - PETRESA petro-chemical complex, showing alkylation units at Algeciras, with Gibraltar seen in background (night scene) (UOP Process Division), 1975

Box 51, Folder 74  Refineries: Stills (at refineries) Crude oil still at the El Segundo refinery, near Los Angeles, California (Chevron Corp.), 1979

Box 51, Folder 75  Refineries: Styrene Plants at Cubatao, Brazil - (The Badger Co., Inc.), 1973

Box 51, Folder 76  Refineries: Sulfur Extraction Plants - Montana - unit adjacent to a refinery at Billings. (Exxon Co. U.S.A.), undated

Box 51, Folder 77  Refineries: Sulfur Extraction Plants - Texas - unit adjacent to Sweeny refinery - (Phillips Petroleum Co.), 1968

Box 51, Folder 78  Refineries: Sulfur-Recovery Units/Plants - Louisiana - Alliance refinery in Myrtle Grove-(Chevron Corp.), 1971

Box 51, Folder 79  Refineries: Sulfur-Recovery Units/Plants - Pennsylvania - one of two sulfur recovery units assure sulfur control at Marcus Hook refinery (The Standard Oil Co.), undated

Box 51, Folder 80  Refineries: Sulfur-Recovery Units/Plants - Texas - three catalytic reactors at Corpus Christi unit - (Kerr McGee Corp.), 1984

Box 51, Folder 81  Refineries: Sun Oil Co. Marcus Hook (Pennsylvania) Refinery, undated

Box 51, Folder 82  Refineries: Sweden - OXO chemicals project on stream in Stenungsund-1980 (The Badger Co., Inc.), undated

Box 51, Folder 83  Refineries: Sweeny, Texas (Phillips), undated

Box 51, Folder 84  Refineries: Synthetic Rubber Plants - Texas - part of the cis-4 synthetic rubber at copolymer plant near Borger (Phillips Petroleum Co.), undated

Box 51, Folder 85  Refineries: Synthetic Rubber Plants - Texas - part of the Solprene synthetic rubber unit at copolymer plant near Borger (Phillips Petroleum Co.), undated

Box 51, Folder 86  Refineries: Texas - Baytown installation, with a current capacity of 350,000 barrels-a-day is scheduled for expansion to 600,000 barrels-a-day throughout capacity-(Exxon Corp.), 1974

Box 51, Folder 87  Refineries: Texas - petrochemical complex near Houston-Phillips Petroleum Co.), 1981
Box 51, Folder 88  Refineries: Turkey - petroleum refinery completed by the Badger Co. -1972 (Raytheon Co.), 1972

Box 51, Folder 89  Refineries: Texas - portion of the Borger refinery (Phillips Petroleum Co.), undated

Box 51, Folder 90  Refineries: Texas - tower of feedstock processing center at Sweeny on the Texas Gulf Coast (Phillips Petroleum Co.), undated

Box 51, Folder 91  Refineries: Utah - refinery near Woods Cross (Phillips Petroleum Co.), undated

Box 51, Folder 92  Refineries: Waste Water Treatment Facilities - Modern screw pumps used at Baton Rouge, Louisiana (Exxon Company U.S.A.), 1985

Box 51, Folder 93  Refineries: West Africa; United Republic of Cameroon-Grassroots Hydro skimming Petroleum Refinery-located at Limboh Point, near Victoria (aerial view-color) (A) (B) (C), 1982

Box 52, Folder 1  Refineries: Workers - California workmen emptying a barrel of catalyst into one of the reactors at plant, which allows lower levels of lead in high-octane gasoline - scene is the Richmond refinery (Chevron Corp.), 1978

Box 52, Folder 2  Refineries: Workers - engineers - California - two engineers (one a woman) at Richmond refinery - (Chevron Corp.), 1978

Box 52, Folder 3  Refineries: Workers - Florida - workers leaving modern refinery at end of shift Cities Service (?), undated

Box 52, Folder 4  Refining: Workers (engineers) checking plans on a $500 million expansion of Baytown, Texas, refinery due for completion in 1977

Box 52, Folder 5  Refineries: Workers - engineers - Ohio - engineers discuss turbine on a compressor at Lima - (The Standard Oil Co., Ohio), 1979

Box 52, Folder 6  Refineries: Workers - engineers - Texas - two engineers checking expansion plans Baytown, Texas due for completion in 1977

Box 52, Folder 7  Refineries: Workers - Florida - Worker under pipelines in Jay Field, 1973

Box 52, Folder 8  Refineries: Workers-general - supervisor and worker checking equipment at Baltimore, Maryland plant (Conoco Inc.), undated

Box 52, Folder 9  Refineries: Workers-general; worker overlooking refinery, undated

Box 52, Folder 10  Refineries: Workers - General - two workers seen insulating pipes of refinery, undated

Box 52, Folder 11  Refineries: Workers-general - young chemical engineer on the job (close-up)-(Phillips Petroleum Co.), 1981

Box 52, Folder 12  Refineries: Workers - Japan - Worker walking over maze of pipelines at Chiba refinery-(Mobil Oil Corp.), 1975
Box 52, Folder 13  Refineries: Workers - Louisiana - Worker checking gauges at Convent refinery (Mobil Oil Corp.), undated

Box 52, Folder 14  Refineries: Workers-operators - Operator changes process settings at unit located at Mandan, North Dakota. The refinery is adding an isomerization unit to increase capacity to 60,000 barrels a day. (Amoco Corp.), 1980

Box 52, Folder 15  Refineries: Workers - trainees - Student training in Saudi Arabia - (Arabian American Oil Co.), 1976

Box 52, Folder 16  Refineries: Workers - women - including minorities (blacks) - black operator on the phone in control room of EP2 plant-(Occidental Petroleum Co.), 1979

Box 52, Folder 17  Refineries: Workers - women - Group of chemical engineers have their eyes on a good future with a major energy company -(Phillips Petroleum Co.), 1981

Box 52, Folder 18  Refineries: Workers - women - including minorities (blacks) - woman engineer with colleague at Tulsa, Oklahoma, refinery (color) - (Sun Co., Inc.), 1974

Box 52, Folder 19  Refineries: Wyoming - Cheyenne refinery, overall view showing storage tanks, - (Husky Oil Co.), 1978

Box 52, Folder 20  Refineries: Wyoming; a major energy company's largest refinery in U.S. is located at Cheyenne (Husky Oil Operations Ltd.), 1982

Box 52, Folder 21  Refineries: Zeolite Plants - New unit, seen at night, at Houston, Texas, plant (Ethyl Corp.), 1978

Box 52, Folder 22  Refineries and Petrochemical Plants: Olefin plants/units; Cedar Bayou, Texas, petrochemicals and plastics, 1984

Box 52, Folder 23  Refineries and Petrochemical Plants: Workers - general - black engineer follows plant's expansions and modifications, Houston, Texas, 1985

Box 52, Folder 24  Refineries: Gulf's new 180,000 bbd Alliance Refinery on stream, 1980

Box 52, Folder 25  Research and Development: Additives - technician in service laboratory in Stevenage, England (Amoco Corp.), 1983

Box 52, Folder 26  Research and Development: Additives - woman technician checks a new crankcase oil additive at research center Naperville, Illinois, (Amoco Corp.), 1983

Box 52, Folder 27  Research and Development: Agricultural Demonstrations - demonstration project in a field near Foraker, Osage County, Oklahoma (Phillips Petroleum Co.), 1965

Box 52, Folder 28  Research and Development: Agricultural Demonstrations - demonstration project on a ranch near Foraker, Osage County, Oklahoma (Phillips Petroleum Co.), 1965

Box 52, Folder 29  Research and Development: Analog Simulation - Facility in research center near Bartlesville, Oklahoma (Phillips Petroleum Co.), undated
Box 52, Folder 30  
Research and Development: Automotive Laboratories - UOP's Rand facility includes an automotive laboratory that tests catalysts-(The Signal Companies, Inc.), 1980

Box 52, Folder 31  
Research and Development: Automotive Laboratories - automotive laboratory that tests a major energy company's products at research center west of Bartlesville, Oklahoma, (Phillips Petroleum Co.), undated

Box 52, Folder 32  
Research and Development: Bacteria Colony Population Count - Biologist at the Environmental Health science laboratory, East Millstone, New Jersey, operates machine that counts population of bacteria colonies (Exxon Corp.), 1980

Box 52, Folder 33  
Research and Development: Bipolar Membrane Research - Scientist inspecting a bipolar membrane that is undergoing evaluation in full-scale pilot operations (both color and black and white) (Allied Corp.), 1982

Box 52, Folder 34  
Research and Development: Borehole Gravity Meters-wire checking - Technician in research department Tulsa, Oklahoma, checking wiring in one of four borehole gravity meters -(Amoco Corp.), 1980

Box 52, Folder 35  
Research and Development: Catalyst process/development performance tests; research chemist monitors pilot plant that tests performance of experimental refinery catalysts (Chevron), 1984

Box 52, Folder 36  
Research and Development: Castings-Workers testing patented products and processes - (Ashland Oil, Inc.), 1978

Box 52, Folder 37  

Box 52, Folder 38  
Research and Development: Automated catalytic reactor which saves hundreds of manhours (Phillips Petroleum Company), undated

Box 52, Folder 39  
Research and Development: Catalytic Research for Chemical Synthesis - Technician in lab conducting fundamental catalytic research for chemical syntheses (color) (Phillips Petroleum Co.), 1977

Box 52, Folder 40  
Research and Development: Chemists-general - associate chemist at work in Denver, Colorado, research center-(Marathon Oil Co.), 1981

Box 52, Folder 41  
Research and Development: Coal Chemistry research (including conversion/gasification/liquefaction) - catalysts evaluated for application in water-gas shift and methanation steps of coal gasification, undated

Box 52, Folder 42  
Research and Development: Coal Chemistry Research (including Conversion/gasification/liquefaction) - researcher at work changing coal into synthetic natural gas - (Phillips Petroleum Co.), 1978

Box 52, Folder 43  
Research and Development: Coal Chemistry Research (including conversion/gasification/liquefaction) - research being carried out at Naperville, Illinois, laboratories where long-range studies are being conducted (Amoco Corp.), 1980
Box 52, Folder 44  Research and Development: Coal chemistry Research (including conversion/gasification/liquefaction) - bench-scale model of a coal conversion plant showing technician at work-(Occidental Petroleum Co.), 1981

Box 52, Folder 45  Research and Development: Coal Chemistry Research (including conversion/gasification/liquefaction) research chemist examines synthetic crude extracted from coal (Amoco Corp.), 1984

Box 52, Folder 46  Research and Development: Coal Chemistry Research (including conversion/gasification/liquefaction) developing coal gasification (converting coal into clean fuel gas) (General Electric Research and Development Center), 1972

Box 52, Folder 47  Research and Development: Coal Chemistry Research (including conversion/gasification/liquefaction) demonstration equipment used in developing coal gasification techniques (caking coal into fuel gas) (General Electric Research and Development Center), undated

Box 52, Folder 47  Research and Development: Coal Chemistry Research (including conversion/gasification/liquefaction) demonstration equipment used in developing coal gasification techniques (caking coal into fuel gas) (General Electric Research and Development Center), undated

Box 52, Folder 48  Research and Development: Coal - The technician pictured is seen at a synthetic fuels laboratory adjusting coal liquefaction equipment, 1978

Box 52, Folder 49  Research and Development: Combustion Research - Fundamental understanding of combustion-(Exxon Corp), 1981

Box 52, Folder 50  Research and Development: Component Separation - Customer technical service chemist (woman) uses modern high pressure liquid chromatography equipment to separate components of olefin, alcohol and amine products (Ethyl Corp.), 1978

Box 52, Folder 51  Research and Development: Computer Rooms - Scientists and engineers studying computer sheets - (Chevron Corp.), 1978

Box 52, Folder 52  Research and Development: computer programming; Ed Blackstone, Operations Supervisor (left) and Jerry Walen, Tape Librarian, Computer Organization, 1975

Box 52, Folder 53  Research and Development: Computer/Control Room-part of an 85 foot Control panel display in a modern computer-controlled blast furnace (AISI), undated

Box 52, Folder 54  Research and Development: Crystals - Technician at Harshaw Chemicals, Cleveland, Ohio, checking on growth of bismuth germinating crystals at Harshaw Chemicals, Cleveland, Ohio, (Chevron Corp.), 1978

Box 52, Folder 55  Research and Development: Distillation Equipment in Laboratories - Technician in Lab at Baton Rouge, Louisiana, using distillation equipment to separate Ethyl alcohols-(Ethyl Corp.), 1978

Box 52, Folder 56  Research and Development: Test of oil field pumping unit in Fritz Laboratory Lehigh University, Bethlehem, Pennsylvania, 1981
Box 52, Folder 57  Research and Development: A high-resolution, scanning microscope is used to view and study such particles as Zeolite A, a new product for the detergent industry being produced at Houston (Ethyl Corp.), 1978

Box 52, Folder 58  Research and Development: Electron scanning microscope used in research (Ashland Oil, Inc.), 1978

Box 52, Folder 59  Research and Development: Electron Scanning microscopes - woman technician using equipment in lab (Phillips Petroleum Co.), 1977

Box 52, Folder 60  Research and Development: Final adjustments being made on experimental electronic instrument designed to improve seismic data interpretation (Chevron Corp.), 1975

Box 52, Folder 61  Research and Development: Enhanced Recovery Research - Technician conducting sulfonate analysis, Denver, Colorado, research center-(Marathon Oil Co.), 1981

Box 52, Folder 62  Research and Development: Genetic Engineering Research - part of a research team that is working to develop biological techniques-(Phillips Petroleum Co.), 1981

Box 52, Folder 63  Research and Development: Genetic Engineering Research - woman technician examining cultures of algae, Naperville, Illinois-(Amoco Corp.), 1983

Box 52, Folder 64  Research and Development: Geochemical Work - Technician with integrated gas chromatograph/mass spectrometer-(Marathon Oil Co.), 1981

Box 52, Folder 65  Research and Development: Geochemistry Research-on source rock-scientist analyzes fluids from source rock (Occidental Petroleum Co.), undated

Box 52, Folder 66  Research and Development: Glassblowing laboratory technician demonstrates technique in Odessa, Texas, lab-(El Paso Co.), 1979

Box 52, Folder 67  Research and Development: Glassblowing - laboratory technician applies heat to make glass malleable-(El Paso Co.), 1979

Box 52, Folder 68  Research and Development: Glassblowing - laboratory technician who makes and repairs most of glass equipment at his company (El Paso Co.), 1979

Box 52, Folder 69  Research and Development: Isotope Spectrometers - woman scientist at work with isotope ratio mass spectrometer-(Conoco Inc.), 1977

Box 52, Folder 70  Research and Development: Kerogens-petroleum (chemical science) - Senior research scientist engaged in petroleum Kerogens research, in Tulsa, Oklahoma (Amoco Corp.), 1982

Box 52, Folder 71  Research and Development: Lab scenes-Woman (including minorities) scientist and equipment (Standard Oil Co.), undated

Box 52, Folder 72  Research and Development: Lab scene-woman technician looking through microscope (Esso photo), undated
Box 52, Folder 73
Research and Development: Lab scene: technician in the analytical laboratory checks sulphur determination apparatus, 1957

Box 52, Folder 74
Research and Development: Laser Light Beams-experiments/research studies - six laser beams zip through portholes on target chamber-(laboratory for laser Entergetics, University of Rochester, 1979

Box 52, Folder 75
Research and Development: Laser Light Beams-experiments/research/studies scientist using a laser at research center, Naperville, Illinois, (Amoco Corp.), 1983

Box 52, Folder 76
Research and Development: Laser Light Beams-experiments/research/studies - technician in laboratory (Phillips Petroleum Co.), 1977

Box 52, Folder 77
Research and Development: Laser Light Beams-experiments/research/studies - woman scientist uses a laser in her fundamental studies-(Amoco Corp.), 1984

Box 52, Folder 78
Research and Development: Liquid Chromatography Testing - Technical testing in lab (color)-(Phillips Petroleum Co.), 1977

Box 52, Folder 79
Research and Development: Microfossil Examinations/studies - Research group supervisor operates master control panel of electronic scanning microscope-(Amoco Corp.), 1982

Box 52, Folder 80
Research and Development: Microfossil Examinations: Professor demon starting device which tests for oil content in particles of mineral or animal matter, 1979

Box 52, Folder 81
Research and Development: Microfossil Examinations/Studies; scientists conducting spore and pollen examination - palynology laboratory, Houston, Texas, 1986

Box 52, Folder 82
Research and Development: Microprocessor Chips - Computer electronics individual chips containing electronic circuits (Amoco Corp.), 1981

Box 52, Folder 83
Research and Development: Models - Scientist working on battery development (Exxon Corp.), 1977

Box 52, Folder 84
Research and Development: Nuclear Energy Research - scientists exploring the Van de Graaff atom smasher which produces beams of electrons, neutrons and penetrating x-rays for research (Chevron Corp.), undated

Box 52, Folder 85
Research and Development: Nuclear Energy Research - technician using remote control apparatus to handle radioactive bars of Cobalt 60, undated

Box 52, Folder 86
Research and Development: Occupational Health and Safety Research - Extremely sensitive instruments and advance testing procedures enable scientists to trace chemical impurities (Cities Service Today), 1979

Box 53, Folder 1
Research and Development: Photovoltaic Cell Research - two chemists examine a thin-film solar cell made from silicon (Phillips Petroleum Co.), 1983
Box 53, Folder 2  Research and Development: Photovoltaic Cell Research Development - technician assembles photovoltaic cells, Naperville, Illinois (Amoco Corp.), 1979

Box 53, Folder 3  Research and Development: Polypropylene Tests - Senior research engineer conducts a polypropylene test (Amoco Corp.), 1980

Box 53, Folder 4  Research and Development: Protein Research - animal feeding experiments involving various ration mixing (The British Petroleum Co. Ltd.), 1970

Box 53, Folder 5  Research and Development: Protein Research - baby chicks newly hatched from yeast-fed hens (the British Petroleum Co. Ltd.), 1978

Box 53, Folder 6  Research and Development: Protein Research - baby chicks receiving first yeast feed (A) (The British Petroleum Co. Ltd.), 1966

Box 53, Folder 7  Research and Development: Protein Research - baby chicks receiving their first yeast feed (B) (The British Petroleum Co. Ltd.), 1970

Box 53, Folder 8  Research and Development: Protein Research - dried yeast research project (3 photos) (Chevron Corp.), undated

Box 53, Folder 9  Research and Development: Protein Research - piglets taking their feed from yeast-fed gilt (The British Petroleum Co. Ltd.), 1978

Box 53, Folder 10 Research and Development: Protein Research scientist at work on research project to manufacture protein from petroleum (Exxon Research and Engineering Co.), undated

Box 53, Folder 11 Research and Development: Protein Research - woman technician with microscope engaged in amino acid test relative to protein balance (Exxon Corp.), undated

Box 53, Folder 12 Research and Development: Product Research and Testing - laboratory technician engages in petroleum products research at RandD center in Ponca City, Oklahoma (Conoco Inc.), 1985

Box 53, Folder 13 Research and Development: Product Research and Testing - Arab laboratory technician testing light hydrocarbon products at Ras Tanura, Saudi Arabia- (Arabian American Oil Co.), 1975

Box 53, Folder 14 Research and Development: Recycling Waste Motor Oils - Inventor of new technology to recycle waste motor oils is shown in lab-(Phillips Petroleum Co.), 1977

Box 53, Folder 15 Research and Development: Resins - researcher devotes full time to studying synthetic resins in Bachelen, Belgium (Exxon Corp.), 1983

Box 53, Folder 16 Research and Development: Resins - research engineer calibrates fluid levels in pilot plant designed to produce Torlon, a tough plastic, at Naperville, Illinois, (Amoco Corp.), 1982
Box 53, Folder 17  Research and Development: Rock Core-Sample Analysis - Senior research technologist finger-prints rock sample at research center (Amoco Corp.), 1980

Box 53, Folder 18  Research and Development: Rock Sample Property Descriptions - Arab technician at work in lab located somewhere in Saudi Arabia (Arabian American Oil Co.), 1975

Box 53, Folder 19  Research and Development: Rock Section Examinations - hands of technician are seen marking rock section examinations in a paleontology lab somewhere in Saudi Arabia (Arabian American Oil Co.), 1975

Box 53, Folder 20  Research and Development: Scientists in laboratories - general - adviser and head of advance energy research in central research laboratory at Irvine, California (Occidental Oil Co.), 1981

Box 53, Folder 21  Research and Development: Scientists in laboratories - general - scientists at a research center (Marathon Oil Co.), 1973

Box 53, Folder 22  Research and Development: Scientists in Laboratories - general - scientists and engineers (including a woman) confer in a research center at Richmond, California (Chevron Corp.), 1978

Box 53, Folder 23  Research and Development: Scientists in Laboratories - general - woman scientist in lab at Chevron Oil Field Research Co., La Habra, California (Chevron Corp.), 1978

Box 53, Folder 24  Research and Development: Sonic Volumetric Scanner Tests - Research associate prepares to lower the sonic volumetric scanner into a simulated borehole (Amoco Corp.), 1982

Box 53, Folder 25  Research and Development: Synthetic Metals - Composites like these represent the first generation of synthetic metals made from corrosion-resistant plastics and carbon or glass fibers (Phillips Petroleum Co.), 1983

Box 53, Folder 26  Research and Development: Technician in Laboratories - general - two technicians at a modern chemical research complex, Dublin, Ohio (Ashland Oil, Inc.), 1978

Box 53, Folder 27  Research and Development: Laboratory Scenes - men technicians at Houston facility (color) (Champion Chemicals, Inc.), 1977

Box 53, Folder 28  Research and Development: Texicology Testing - Scientists test for certain substances that might appear in the work place (Occidental Petroleum Co.), 1979

Box 53, Folder 29  Research and Development: Topographical Oil Maps - Technician scribing magnetic data on topographical oil map (Chevron Oil Corp.), 1979

Box 53, Folder 30  Research and Development: Waste Water Tests - Young woman, a summer employee, tests a sample of water from waste water stabilization pone for phenol, at a refinery near Port Arthur, Texas (Chevron Corp.), 1978
Box 53, Folder 31  Research and Development: Wind Drag Research - New truck cab designed to cut wind drag, which affects fuel consumption, compared to old style truck cab (A and B) (Texas AandM University), 1977

Box 53, Folder 32  Roads-General-Assorted Scenes Courtesy the API Photo Library, undated

Box 53, Folder 33  Service Stations: Pennsylvania - Pittsburgh - Atlantic Refining Co. (C), 1917

Box 53, Folder 33A Service Stations and Truck Stops: Inns/restaurants-Phillips 66 service station, Quality Motel, undated

Box 53, Folder 34  Service Stations and Truck Stops: Quick Mart Stores - Tennessee- Attendant serving customer in Nashville - (Occidental Petroleum Co.), 1978

Box 53, Folder 35  Service Stations and Truck Stops: Self service Stations - Amoco Lan Kamenjarin's station, Downers Grove, Illinois, (Amoco Corp), 1977

Box 53, Folder 36  Service Stations and Truck Stops: Self service Stations - Gulf Customer filling his car, Fort Worth Texas, 1978

Box 53, Folder 37  Service Stations: Shaker Heights, Ohio (SOhio), undated

Box 53, Folder 38  Service Stations: Self Service - woman filling her car at a Phillips unleaded gas pump, 1981

Box 53, Folder 39  Service Stations and Truck Stops: Servicing (Autos) - Exxon, attendants using electronic equipment to diagnose auto mechanical difficulties (Exxon Corp.), undated

Box 53, Folder 40  Service Stations and Truck Stops: Self-Service Stations - Tesoro - Car owner filling tank at a gas station in Los Angeles, California (Tesoro Petroleum Corp.), 1981

Box 53, Folder 41  Service Stations and Truck Stops: Serf-service/Full service station-Chevron-self-serve, full-serve station with updated functional facilities, 1984

Box 53, Folder 42  Service Stations and Truck Stops: Servicing (autos) - General attendant checking under car hood with woman and child nearby, undated

Box 53, Folder 43  Service Stations and Truck Stops: Servicing (Autos) - Marathon, Attendant checking oil for customer (Marathon Oil Co.), undated

Box 53, Folder 44  Service Stations and Truck Stops: Servicing (Autos) - Texaco, four part (composite) photo showing attendants rendering service, undated

Box 53, Folder 45  Service Stations and Truck Stops: Servicing (Autos) - Texaco, College student attendant cleaning car windshield in winter, undated

Box 53, Folder 46  Service Stations and Truck Stops: Texaco Inc. - modern station on island of Oahu, Hawaii (Texaco Inc.), undated
Box 53, Folder 47  Service Stations and Truck Stops: Truck Stops - Amoco, computer credit card system in New Mexico (Amoco Corp.), undated

Box 53, Folder 48  Service Stations and Truck Stops: Amoco, drivers by trucks being refueled in New Mexico (Amoco Corp.), undated

Box 53, Folder 49  Service Stations and Truck Stops: Truck Stops - Amoco, attendant refueling truck in New Mexico (Amoco Corp.), undated

Box 53, Folder 50  Service Stations and Truck Stops: Truck Stops - Amoco, truck wash scene in Illinois (Amoco Corp.), undated

Box 53, Folder 51  Service Stations and Truck Stops: Amoco, attendants washing trucks windshields in Illinois (A, B, C, and D) (Amoco Co.), undated

Box 53, Folder 51A  Service Stations and Truck Stops: Exxon Corporation-new design. Wayne, New Jersey, 1984

Box 53, Folder 52  Service Stations and Truck Stops: Truck Stops - Marathon, Truckers cluster at stop in Nashville, Tennessee (Marathon Oil Co.), 1981

Box 53, Folder 53  Service Stations and Truck Stops: Truck Stops - Phillips, Truckers at large truck stop - general (A and B) (Phillips Petroleum Co.), 1978

Box 53, Folder 54  Service Stations and Truck Stops: Workers (others) - Quik Mart manager checking sales records with manager trainee Nashville, Tennessee area (Occidental Petroleum Co.), 1981

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Box 86  Drake Memorial, earth, formation, illustrations, Indians, museums, oil fields, and oil wells)

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