

October 2, 1990

Acc: 85-53

S.M. BLAIR

Personal items not included in inventory - but kept in case S.M. Blair's family might want them.

- Photographs:
- Bechtels and Blairs in Puerto Rico and New Orleans.
  - "Clear View Form at Swimming Pool 1975" (blurred and faded).
  - "Highland Farm - Just a few odd pictures of about 1970" (2 only - no identification).
  - "A few of Dewberry and The Museum at Dewberry" (faded, indistinct).
  - "Cattle at Blair's Ranches at Calgary".
  - "Labradorite block being cut for tomb stone".
  - "Bordens, Bechtels and Blairs at Bechtel's house down coast".
  - Churchill Falls - unidentified men (blurred).
  - "Extras" - (2 unidentified prints).
  - Album of S.M. Blair posing before map of Quebec (19 proofs - 1 proof was removed for inclusion in photo section).
  - World Energy Conference (1974) - includes Gerald Ford, S.D. Bechtel and others.

Acknowledgement of letters of sympathy at Mrs. Blair's death by S.M. Blair, (11 letters included among S. M. Blair's papers).

Letters of sympathy to S.R. Blair on the death of his father (some included in S.M. Blair's papers).

Speeches, Articles.etc. - Duplicates

- Report on Alberta Bituminous Sands, 1950 (1 copy).
- "Pipelines in Canada" (13 copies).
- A review of current activities of the Mines Branch Relating to separation and refining of Bitumen.
- Nomination of S. M. Blair for the Professional Engineers Gold Medal (1 xerox copy of letter and biographical data).
- Speech at Neil Matheson McWharrie Lecture (3 copies).
- Speech "The Engineer in Administration" (4 copies).
- Speech "Energy, The Life-Blood of a Nation" (3 copies).
- Dinner Presentation Speech to Dr. K.A.Clark (2 copies).
- Memorial University of Newfoundland Convocation Programme (3 copies).
- Speech to Professional Engineers of Ontario (2 copies).
- Convocation Address, Memorial University ( 4 copies).
- Convocation address, University of Alberta (27 copies).
- University of Alberta Convocation Programme, May 1975 (2 copies).
- Profession Engineers of Ontario programme (1 copy).
- "Bechtel News" (1 copy).
- Proved Reserves of Crude Oil, Natural Gas Liquids and Natural Gas, 1949 (1 copy).

University of Alberta  
Department of University Archives and Collections  
University Archives

Sidney Martin Blair Papers

1895 - 1983

Fall 1988

Accession No. 85-53

Sidney Martin Blair  
1897 - 1981

Sidney Martin Blair was born in Parry Sound, Ontario, on December 22, 1897, the youngest of the five children of Frederick and Mary Ann Blair. The family moved to Alberta when he was four years old, settling first at Pine Lake, southeast of Red Deer, and then on land at Dewberry in 1906. Later, he lived with an uncle in the Edmonton area while completing his schooling at Strathcona Collegiate Institute and attending classes in mining engineering at the University of Alberta.

From 1917 to 1919 he was a flying instructor with the Royal Air Force, at which time he became associated with Khaki University and subsequently the University of Birmingham, where he received his B.Sc. in Mining in 1922. On his return to Alberta he registered as a graduate student at the University of Alberta, centering his attention on the oil sands at Fort McMurray and working both in the laboratory and in the field under the guidance of Karl A. Clark. His thesis for his Master of Science degree, "An Investigation of the Bitumen Constituent of the Bituminous Sands of Northern Alberta," was accepted in 1924, after which he was a research engineer with the Scientific and Industrial Research Council of Alberta. Together he and Dr. Clark produced several publications relating to the occurrence, the separation process, and the utilization of Alberta's oil sands.

In 1926 Blair joined the Universal Oil Products Company's laboratories in Chicago to take part in oil cracking research, and then to put his new-found knowledge to work in a related company known as Trinidad Leaseholds Limited as Development Manager of the asphalt refinery. Following his marriage in 1927 to Janet Russell Gentleman, and after the birth of a son, Sidney Robert, and a daughter, Mona Helen, family homes were established at various times in Trinidad, England, the United States and Canada. From the outbreak of World War II until 1947, he was involved with the construction of refineries capable of producing high octane aviation fuel for the British Air Ministry, a top secret war project carried out in Trinidad.

Returning to Canada in 1949, he bought a house near Bolton, Ontario, a short distance northwest of Toronto, and at the same time, as an engineering consultant and Vice-President of Canadian Bechtel Limited, he began his long association with the Bechtel Corporation. In the ensuing years he was involved in the planning and construction of oil refineries and chemical factories, numerous pipeline systems including Trans Mountain and Trans Canada, the Medical Sciences Building at the University of Toronto, the Great Canadian Oil Sands plant at Fort McMurray, the hydroelectric power projects at Churchill Falls and James Bay. Although he officially retired as President of Canadian Bechtel Limited in January 1974, he continued to act in an advisory capacity to the Company on special assignments in Canada.

At the request of the Government of Alberta, he prepared the Report on the Alberta Bituminous Sands and presented it at the First Oil Sands Conference held in Edmonton in September 1951. The "Blair Report", as it came to be known, was based on his own early studies in oil sands and on scientific, technical and economic advice garnered from a number of other scientists noted for their expertise in their particular fields. Following the publication of this survey, Blair was in demand as a conference speaker, most often taking as his subject Canadian resources, oil production and transportation via pipelines, or the role of the engineer in society.

He was a member of the Professional Engineers of Alberta, British Columbia, Ontario, and Quebec, and the Petroleum Institute of Canada, as well as numerous American and British associations. He held directorships not only within the Bechtel Corporation, but also with the Canadian Nuclear Association, Newfoundland Oceans Research and Development Corporation, natural gas and insurance companies, and a mortgage and trust company. Throughout his career he was the recipient of many awards, the most outstanding being: the honorary degrees he received from Memorial University, Newfoundland, the University of Alberta, and the University of Waterloo; the Professional Engineers Gold Medal from the Association of Professional Engineers of the Province of Ontario; the Canadian Silver Jubilee certificate and medal for meritorious service.

He was also successful in fields other than engineering. The original farm at Cedar Mains was gradually expanded, other property in the vicinity purchased, and before long, through judicious management and careful selection of stock, he had made a name for himself as a recognized breeder of purebred cattle and pedigree sheep.

His first wife, Janet (Nettie), died in January 1974, and in 1979 Dr. Blair married Dr. Margaret Milton, a Toronto coroner. They continued to live at Cedar Mains until he was struck by a car and killed on the night of February 13, 1981.

## Description of the Papers

Dr. Sidney Martin Blair's papers and photographs came to the University of Alberta Archives in May 1985 by way of Mrs. Megan Roughley of Vancouver, following an arrangement made earlier by her father, S.R. Blair, with James M. Parker, then University Archivist. When word of a move overseas interrupted Mrs. Roughley's research on her grandfather's papers, the records were transferred to the University Archives.

The papers, covering the period 1895 to 1983, consist chiefly of biographical data, correspondence, diplomas and certificates, texts of speeches, reports, accounts, property and estate business, maps, sketch plans, blueprints, publications, and reference material. Dr. Blair had made notes about the contents of some folders and envelopes, but most of the labelling of files had been done either by one of his secretaries or by Mrs. Roughley as she was preparing to work on the project. While the file headings correctly identified the contents, there was very little order apparent in the arrangement of the files except in the case of the reports of Trinidad Leaseholds Limited, his speeches, and those files relating to Dr. Blair's memberships and directorships in various organizations, clubs and corporations.

In arranging the textual records it was decided to include all papers of a personal nature in one series, and to devote a separate series to each of the three phases of his career; i.e., his involvement with the Alberta Oil Sands, with Trinidad Leaseholds Limited, and with Canadian Bechtel Limited and the Bechtel Corporation. It was necessary in each case to create several sub-series.

Photographs, both personal and business, constitute the fifth series and include photos of Dr. Blair, his family and friends, and projects and activities with which he was associated in his professional life.

An index to the papers and a separate one to the photographs were prepared by Gertrude B. McLaren, Assistant University Archivist.

Elizabeth M. McCrum

## University of Alberta Archives

## Sidney Martin Blair Papers

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## University of Alberta Archives

Accession No. 85-53

## Descriptive Inventory

MG 46/2

1988-06-30 EMCC

Sidney Martin Blair Papers  
1895 - 1983

MG 46/2/1 PersonalMG 46/2/1/1 BiographicalBox 1

1. Biographical data prepared for the Dun and Bradstreet Report, Poor's Register of Corporations, Directors and Executives, The Canadian Who's Who, Directory of Directors, and other questionnaires.  
May 7, 1953 - July 15, 1975.
2. Draft entries, correspondence and photographs for Who's Who in Canada.  
January 26, 1959 - July 14, 1975.
3. Transcript of taped interview with S.M. Blair and an article based on the tapes by Dorothy Des Roches.  
March 3 - April 24, 1978.  
Included also is a three page tribute to Nathan Eldon Tanner, Minister of Mines and Natural Resources of Alberta from 1937 to 1952 by unknown person, two tourist certificates from Yukon and the Northwest Territories (July, 1975), and newspaper clippings about Mona Blair, Robert Blair and S.M. Blair.
4. Dewberry, Alberta: correspondence about the Blair plot in cemetery.  
September 11, 1962 - July 18, 1963.
5. Dewberry: correspondence with the Centennial Pioneer Book Committee and the handwritten draft and typed copy of the Blair family history.  
February 24, 1967 - September 4, 1968.
6. Dewberry: correspondence with an estate planner and the principal of the Dewberry High School regarding the establishment of the Pioneer Scholarship.  
February 7, 1980 - January 15, 1981.  
Includes sketch plans of the school district.



MG 46/2/1    Personal

MG 46/2/1/1   Biographical

Box 1 (continued)

7.    Awards: certificate of his appointment as Honorary Second Lieutenant of the Royal Air Force.  
January 1, 1920.
8.    Awards: certificate of qualification as a Leveller issued by the Board of Examiners for Dominion Land Surveyors.  
March 6, 1920.
9.    Awards: diploma from the University of Birmingham, England, for the degree of Bachelor of Science (Mining).  
July 1, 1922.
10.   Awards: diploma from the University of Alberta for the degree of Master of Science in Mining Engineering.  
May 16, 1924.
11.   Awards: documents issued by the Royal Society for the Encouragement of Arts, Manufactures and Commerce, London, England on his election as a Fellow.  
January 11, 1937 and October 13, 1975.
12.   Awards: certificate from the Association of Professional Engineers of the Province of Ontario attesting to his registration as a Professional Engineer.  
October 28, 1949.
13.   Awards: document from Bechtel Corporation for over twenty years of service.  
April 7, 1969.
14.   Awards: from Memorial University, Newfoundland, correspondence, invitations, programme, citation, diploma and publications relating to the conferring of an Honorary Doctor of Engineering degree on May 18, 1974.  
March 20 - July 9, 1974.
15.   Awards: mounted document from the Canadian Nuclear Association granting an honorary life membership.  
June 10, 1974.
16.   Awards: from the University of Alberta, correspondence, programme, citation, Convocation Address, diploma, invitation, mailing lists and publications relating to the conferring of an Honorary Doctor of Laws degree, May 30, 1975.  
March 11, - August 4, 1975.

MG 46/2/1    Personal

MG 46/2/1/1   Biographical

Box 1 (continued)

17.    Awards: from the Association of Professional Engineers of the Province of Ontario, correspondence, announcement, copies of news clippings, photographs and the certificate relating to the presentation of the Professional Engineers Gold Medal on June 6, 1975.  
June 5 - June 25, 1975.
18.    Awards: from the University of Waterloo, Ontario, programme, citation and diploma conferring an Honorary Doctor of Engineering degree.  
May 28, 1977.
19.    Awards: certificate from the Board of Trade of Metropolitan Toronto granting membership.  
October 3, 1977.
20.    Awards: Canadian Silver Jubilee Medal and certificate presented on the occasion of the 25th Anniversary of Queen Elizabeth's reign in recognition of service.  
November 1977.
21.    Tribute: correspondence, photographs and newspaper clippings relating to naming of Blair Crescent in Fort McMurray.  
October 6, 1967 - October 22, 1973.
22.    Tribute: "Reclaimed Energy, How Canadian Ingenuity Tapped the Athabasca Oil Sands," prepared and published by Bechtel Canada. [ca. 1979].
23.    Miscellaneous: book containing a record of Christmas gifts received and sent.  
1947 - 1953.
24.    Miscellaneous: appointment book containing entries of both personal and business affairs.  
May 25 - December 28, 1949 (with gaps).
25.    Miscellaneous: appointment book containing chiefly business entries relating to meetings with government officials, W.E. Adkins and Bechtel engineers concerning the Alberta Oil Sands Project.  
January 3 - May 4, 1950 (with gaps).

MG 46/2/1 Personal

MG 46/2/1/1 Biographical

Box 1 (continued)

26. Miscellaneous: loose pages from appointment books for the years 1951 (10 pages) and 1952 (6 pages).  
January 11, 1951 and January 31 - February 5, 1952.  
The entries for 1951 contain references to proposed construction of the Alberta-Pacific pipeline.
27. Miscellaneous: student notes from the University of Birmingham, England. "Surveying II" is in scribbler; notes on metal crystals are on loose pages.  
1921.
28. Miscellaneous: thesis for degree of Master of Science in Applied Science at the University of Alberta, entitled, "An Investigation of the Bitumen Constituent of the Bituminous Sands of Northern Alberta".  
1923-1924.

MG46/2/1/2/ Correspondence: Family

1. Letters to Mona (Blair) and Robert Bandeen regarding gifts of money.  
February 21-24, 1964 and February 6, 1973.  
Included is a letter from S.M. Blair commenting on or correcting information in Black Gold with Grit by John Joseph Fitzgerald (November 5, 1979).
2. Mona and Robert Bandeen: correspondence relating to trust funds established for their children.  
December 19, 1967 - May 7, 1968.
3. Mona and Robert Bandeen and others: correspondence relating to the Bandeen property at Knowlton, Quebec.  
July 25 - November 10, 1972.
4. Robert A. Bandeen, President and Chief Executive Officer of the Canadian National Railways: correspondence and speeches given to a conference in Germany, to the Men's Canadian Club and to the General Assembly of l'Union Internationale des Chemins de Fer.  
October 21 - December 11, 1975.  
Included are two copies of an invitation to convocation at the University of Western Ontario at which R.A. Bandeen received an honorary degree (1975), an invitation to attend a "Salute to Italy" at which he was a co-host (1980), and newspaper clippings of his appointment as an Executive Vice President of C.N.R.

MG 46/2/1    Personal

MG 46/2/1/2    Correspondence: Family

Box 1 (continued)

5.    Sidney Robert Blair: school reports and receipts for fees from Enslin Preparatory School, England, and Shirley House School, England.  
December 1934 - April 3, 1940.
6.    S.R. Blair: correspondence concerning gifts of money.  
November 4, 1959 - December 23, 1965.
7.    S.R. Blair: two copies of an address given by him to the American Society for Engineering Education at Cornell University, "The Economics of Pipeline Construction" and covering memorandum.  
June 18 and 24, 1957.
8.    S.R. Blair: two copies of an address given by him to the graduating class, Faculty of Engineering, University of Alberta, and two related letters.  
February 28, March 8 and May 24, 1963.
9.    S.R. Blair: correspondence relating to the property at Bragg Creek, Alberta and including sketch maps and inventory of contents of house.  
June 14, 1963 - March 24, 1964.
10.    S.R. Blair and L.C. Wright: correspondence regarding the purchase of the Beaton ranch on the outskirts of Calgary. Photograph included.  
October 10, 1967 - March 4, 1969.
11.    S.R. Blair: correspondence on business and personal matters; copies of news clippings included.  
August 1, 1970 - January 27, 1981 (with gaps).
12.    S.R. Blair and others: correspondence regarding the nomination of S.M Blair for an honorary degree at the University of Alberta, his receipt of the Engineers Gold Medal, the granting of Power of Attorney to L.C. Wright, the possibility of selling or gifting Cedar Mains to the Ontario Heritage Foundation, and other matters of general interest.  
December 5, 1974 - December 13, 1976.
13.    S.R. Blair: photocopy of "Man of the Year: S. Robert Blair, pipeliner" from The Globe and Mail, and announcement of his appointment as President of Pan-Alberta Gas Ltd.  
September 7, 1972 and December 31, 1977.

MG 46/2/1    Personal

MG 46/2/1/2   Correspondence: Family

Box 1   (continued)

14.    S.R. Blair: letters of sympathy from family and friends on the death of S.M. Blair; (random selection).  
February 15 - September 14, 1981.
15.    Sidney S. Blair (nephew): relating to employment and to other members of the Blair or Bandeen families.  
April 12, 1961 - December 3, 1980 (with gaps).

MG 46/2/1/3   Correspondence: Friends

Box 2

1.    General.  
March 28, 1949 - November 12, 1973.
2.    Surnames A - L.  
August 31, 1950 - January 27, 1981.
3.    Surnames M - R.  
October 7, 1949 - November 14, 1980.
4.    Surnames S - Y.  
December 10, 1957 - September 19, 1980.
5.    No surnames: correspondence.  
July 10, 1969 - November 1980.
6.    S.D. Bechtel: correspondence.  
May 29, 1980 - January 15, 1981.  
Includes speech by the Honourable John Turner to the Directors' Advisory Group of Bechtel Corporation (August 1980).
7.    Bechtel Canada, R.H. Paul: correspondence; additional references to the Honourable John Turner.  
January 4 - December 19, 1980.
8.    Mrs. H.K. Detweiler and others: correspondence relating to the estate of Dr. H.K. Detweiler.  
June 2, 1958 - December 16, 1974.
9.    H.J. Murphy, Director of General Pipeline Contractors Limited: correspondence; submission included.  
March 11, 1974 - February 27, 1975.

MG 46/2/1     Personal

MG 46/2/1/4   Correspondence: Topical

Box 2 (continued)

1.    Algas Resources: includes two copies of proposed agreement.  
February 7, 1978 - August 12, 1980.
2.    Anhydrite, "Exa Project": includes correspondence with K.A. Clark  
and detailed notes on the project.  
May 1952 - October 17, 1952.
3.    Arctic Pipeline: includes reports and galley-proofs of article for  
the Canadian Geographical Journal.  
August 13, 1970 - November 1971.
4.    Donations and gifts.  
May 6, 1952 - June 14, 1979 (with gaps).
5.    Employment requests to S.M. Blair.  
October 10, 1950 - December 20, 1971.
6.    Invitations to S.M. Blair.  
March 5, 1948 - December 17, 1974.
7.    Newfoundland: correspondence with President and members of the  
staff of Memorial University; includes S.M. Blair's membership  
certificate in the Memorial Alumni Association.  
March 30, 1978 - January 27, 1981.
8.    Publications: inquiries about and acknowledgements of published  
articles and books.  
March 14, 1949 - February 25, 1980.
9.    Purchases and gifts.  
July 4, 1952 - November 7, 1974.
10.   Sympathy, thanks, congratulations.  
July 27, 1949 - December 23, 1974.
11.   Miscellaneous: including references to cattle and sheep, the Royal  
Winter Fair, trees and tree diseases.  
January 3, 1950 - December 19, 1980.
12.   Miscellaneous: pertaining to lost items and to airline service.  
July 11, 1949 - November 21, 1973 (with gaps).

MG 46/2/1    Personal

MG 46/2/1/4   Correspondence: Topical

Box 2 (continued)

13.    Miscellaneous: including undated notes, a copy of a letter to Universal Oil Products from S.M. Blair about a fire in Louisiana (1927) and a telegram from Mrs. Blair (1947).  
March 10, 1927 and March 15, 1947.
14.    Miscellaneous: including guest lists, Dr. Blair's account of an accident he witnessed, itineraries, and a watercolour (8cm x 14cm) that was used as a backing for a framed certificate.  
[1942] - October 19, 1968.
- 15-18. Address books: leather covered; two are loose-leaf.  
[1949] - 1969.
19.    Calender for 1981: appointments noted between January 11 and May 17, 1981.

MG 46/2/1/5   Memberships

Box 3

1.    Association of Professional Engineers of Alberta (or the Association of Professional Engineers, Geologists and Geophysicists of Alberta from May, 1970): membership cards, receipts for fees, correspondence.  
December 30, 1949 - January 15, 1979.
2.    Association of Professional Engineers of Alberta: two membership registers, two issues of The Pegg and salary survey results (1974).  
March 1970 - June 1974.
3.    Association of Professional Engineers of British Columbia: correspondence and temporary or non-resident licences.  
August 3, 1951 - March 11, 1976.
4.    Association of Professional Engineers of Newfoundland: correspondence, membership cards, application with biographical data (1967).  
January 21, 1967 - March 11, 1977.
5.    Association of Professional Engineers of Newfoundland: amended by-laws, act of incorporation, performance standards, membership list, revised statutes and one issue of The Newfoundland and Labrador Engineer.  
November 1964 - June 25, 1975.

MG 46/2/1    Personal

MG 46/2/1/5   Memberships

Box 3 (continued)

6.    Association of Professional Engineers of Ontario: correspondence, membership cards, and publications including schedule of fees, Professional Engineers Act (1950), By-laws and Code of Ethics, Syllabus of Examinations, Salary Guide and the Objectives and Functions of the Canadian Society for Professional Engineers. July 22, 1949 - August 28, 1980.
7.    Association of Professional Engineers of Quebec: correspondence regarding temporary permits, unionization of engineers and conflict of interest charges. December 30, 1953 - March 23, 1967.
8.    C.D. Howe Research Institute: correspondence, reports, minutes. July 26, 1974 - June 1978.
9.    Clubs: correspondence and membership cards of numerous clubs, including The St. Andrew's Society of Toronto, the Empire Club of Canada, The Ranchmen's Club of Calgary and others. February 2, 1951 - January 8, 1975. Contains correspondence and lists of club memberships paid by Canadian Bechtel Limited (1973).
10.   Clubs: The National Club, Toronto: newsletters, correspondence, statements. December 1, 1969 - February 9, 1976.
11.   Clubs: The York Club: correspondence, copies of accounts and biographical data of Robert A. Bandeen (October, 1971). October 22, 1971 - April 30, 1974.
12.   Ecole Polytechnique: correspondence. August 29, 1972 - December 2, 1973.
13.   Institute of Earth Sciences: one letter, various publications. November 16, 1961 - November 2, 1963.
14.   The Institution of Mechanical Engineers: correspondence, circular letters and a printed copy of an agreement of co-operation between the Canadian Society for Mechanical Engineering and the Institution of Mechanical Engineers (July 1975). August 26, 1952 and December 1969 - December 23, 1976.



MG 46/2/1 Personal

MG 46/2/1/5 Memberships

Box 3 (continued)

15. Discontinued memberships: correspondence with The National Club, The Engineering Institute of Canada, The Chemical Institute of Canada, The American Society of Mechanical Engineers and the American Institute of Chemical Engineers.  
March 26, 1958 - March 2, 1976 (with gaps).
16. Credit cards: copies of cards, list of expiration dates and cancellations.  
1972 - 1976.

MG 46/2/1/6 Directorships

1. Alberta and Southern Gas Company Limited: correspondence, minutes of General and Directors' meetings, reports to shareholders.  
May 3, 1973 - April 13, 1976.  
Included is a note on Dr. Blair's resignation (April 19, 1976).
2. Alberta Natural Gas Company: minutes of Annual and Directors' meetings, financial statements and reports to shareholders.  
April 1, 1971 - December 12, 1974.
3. Alberta Natural Gas Company: minutes of Annual and Directors' meetings, financial statements and reports to shareholders.  
February 11, 1975 - January 28, 1980.
4. Canada Permanent Mortgage and Trust Company: correspondence, newsletters, reports, minutes.  
December 29, 1971 - September 1, 1975.  
Includes coloured photograph of Directors of Canada Permanent Companies, 1971. 26 cm x 33 cm. Mounted.

Box 4

5. Canadian Nuclear Association (CNA): correspondence, programme and reports relating to the first Annual Meeting and Conference.  
March 16 - June 9, 1961.
6. CNA: correspondence and lists of officers and directors.  
March 10, 1965 - November 1, 1972.
7. CNA: minutes of regular meeting, preliminary programme of the 14th Annual Conference and a copy of a paper presented at the World Energy Conference in 1974.  
April 3 - September, 1974.

MG 46/2/1    Personal

MG 46/2/1/6   Directorships

Box 4 (continued)

8. CNA: correspondence, clippings and photographs relating to S.M. Blair's resignation from the Board of Directors.  
February 19 - July 11, 1974.
9. CNA: programme of the 11th Annual International Conference (1971), summary of papers presented at the 1973 Annual Conference, text of address given by Dr. W.B. Lewis at the 13th Annual International Conference and 5 issues of Nuclear Canada.  
June 20, 1971 - January 1974.
10. CNA: registration list and programme of the 15th Annual Conference (1975), copies of papers presented at the joint ANS-CNA Conference (1976) and Nuclear Canada (1976).  
June 15, 1975 - June-July 1976.
11. CNA: photographs, name tag and newspaper clipping relating to 1967 Canadian Nuclear Association Conference and a portion of a magazine article referring to Bechtel Corporation's contribution in the nuclear energy field.  
May 28, 1967 and February 14, 1968.  
Photographs include S.M. Blair, the Honourable Robert Winters, the Honourable Jean Lesage, Jean-Claude Lessard, Louis Herbert and Dr. Glenn T. Seaborg.
12. NORDCO (Newfoundland Oceans Research and Development Corporation): correspondence, minutes, and newsletters.  
February 13 - December 29, 1975.
13. NORDCO: correspondence, agenda, minutes and publications.  
January 7 - December 17, 1976.  
Includes a reference to Dr. Blair's resignation (December 17, 1976).
14. NORDCO: circular on ice and icebergs; report to the Board of Directors; report on Operations; Annual Report.  
June 30 - [December] 1976.
15. NORDCO miscellaneous: including presentations, papers, government reports and Memorandum of Association of NORDCO (January 27, 1975).  
March 5, 1973 - August 22, 1975.
16. NORDCO: correspondence with C-CORE (Centre for Cold Ocean Resources Engineering), reports and publications.  
September 4 - December 1975.

MG 46/2/1    Personal

MG 46/2/1/6   Directorships

Box 4 (continued)

17.    NORDCO: correspondence, published report and minutes of the meetings of the policy committee of the Industrial Facilities Siting Project.  
1974 - November 1, 1976.
18.    NORDCO: correspondence, notes and reports on Newfoundland peat soils and machinery.  
[ca. 1966] - August 30, 1976.
19.    Norwich Union Insurance Societies: correspondence, supplementary report and minutes relating to meetings of the Canadian Boards of Directors.  
September 1969 - June 1976.
20.    Insider Reports with related correspondence and blank forms.  
June 16, 1967 - April 16, 1974.  
Includes also a newspaper photograph of the Board of Directors of Chartered Trust Company; S.M. Blair is 6th from the front on the left side of the table.  
(n.d.).

MG 46/2/1/7 Blair Consulting Services Limited

Box 5

1.    Correspondence and ageements between Blair Holdings or Blair Consulting Services and Canadian Bechtel.  
November 15, 1971 - November 21, 1975.
2.    Correspondence, estimates of retirement allowance and annuities and alternate means of payment by Canadian Bechtel.  
October 15, 1970 - October 23, 1973.
3.    Correspondence and suggested payments from Bechtel Quebec regarding the James Bay Project.  
August 3, 1973.
4.    Expense accounts.  
February 17, 1977 - December 31, 1979.
5.    Correspondence with the Centre for Cold Ocean Resources Engineering (C-CORE), Newfoundland, R.A. Bandeen and others and sundry publications relating to peat.  
March 13, 1978 - February 9, 1981.

MG 46/2/1 Personal

MG 46/2/1/7 Blair Consulting Services Limited

Box 5 (continued)

6. Correspondence with S.R. Blair, Dr. A. Blair, B.C. Research and Algas Resources, and a publication and copy of an article about petroleum microbiology.  
May 1979 - January 25, 1981.  
Included is a letter with a photograph of a 7 metre diameter Monodome prototype.
7. Agenda and four presentations given by B.C. Research on petroleum microbiology.  
July 29, 1980.

MG 46/2/1/8 Family Companies

1. S.M. Blair and Family Securities: signed and sealed Letters Patent incorporating S.M. Blair and Family Securities Limited and Supplementary Letters Patent.  
November 18, 1960 and January 19, 1961.
2. S.M. Blair and Family Securities: correspondence and notes relating to the winding up of the company, as well as copies of letters to Mr. and Mrs. R. Bandeen and Mr. and Mrs. S.R. Blair regarding gifts for them and trust funds for their children.  
December 19, 1967 - April, 1970.
3. Blair Holdings Limited: signed and sealed Letters Patent incorporating the company.  
January 15, 1962.
4. Blair Holdings Limited: correspondence regarding the reduction of the number of directors, signed minutes of Directors' Meeting and a draft financial statement.  
June 18, 1962 - March 5, 1975 (with gaps).
5. Blair Holdings Limited: correspondence regarding the winding up of the company following Dr. S.M. Blair's death, and an unaudited balance sheet (December 31, 1981).  
May 21, 1981 - December 7, 1982.
6. Blair Ranches: correspondence with S.R. Blair regarding cattle and sheep, and unaudited financial statements for the year ending December 31, 1969.  
May 31, 1969 - April 21, 1970.

MG 46/2/1    Personal

MG 46/2/1/9   Financial

Box 6

1.    Income Tax, British: correspondence, duplicate completed forms and receipts.  
November 19, 1929 - April, 1940.
2.    Invoices for furniture.  
March 16, 1932 - March 21, 1939.
3.    Shares and investments: correspondence and invoices.  
December 31, 1935 - May 13, 1949.
4.    Office expenses: rough copy.  
[ca. 1949].
5.    Banks: correspondence with banks in England and Canada regarding settlement of debts and transfer of accounts.  
March 11, 1949 - July 13, 1955.
6.    Personal financial transactions: correspondence, invoices and receipts.  
September 14, 1949 - May 19, 1975.
7.    Stock and investments records: correspondence, a prospective for Lease 64 Limited (1950) and lists of shares and investments registered to S.M. Blair, S.M. Blair Family Securities, and Blair Holdings.  
March 3, 1950 - February 15, 1980.  
Included is a stock summary sheet (1973 - 1978).
8.    Taxes: property assessment notices, correspondence relating to income taxes in Canada, Great Britain and the United States, a memorandum on the timing of gifts and a copy of a Canada Life Annuity contract.  
1950 - [ca. 1976].
9.    A brief on succession duties prepared for S.M. Blair by The Manufacturers Life Insurance Company.  
February 13, 1951.
10.   Insurance: correspondence with and copies of policies of sundry companies, including coverage through the Bechtel Corporation.  
December 8, 1971 - March 13, 1980.
11.   Annuities: correspondence regarding an income averaging annuity and a proposed annuity plan.  
1972 - January 10, 1974.

MG 46/2/1 Personal

MG 46/2/1/9 Financial

Box 6 (continued)

12. Annuities: letters to and from R.T. Smialek of Canadian Bechtel, E.F. Martin of Manufacturers Life Insurance Company and S.M. Blair regarding income averaging annuities.  
May 28, 1973 - August 24, 1973.
13. Annuities: correspondence and policy with Canada Life Assurance Company.  
January 2, 1974 - November 28, 1975.

MG 46/2/1/10 Property

Box 7

1. Sillsville, Ontario: abstract of title (September 10, 1945), Memorandum of Agreement between Mr. and Mrs. S.M. Blair and Harold Love Magee, correspondence and invoices.  
April 1, 1945 - June 7, 1949.  
Included is a Province of Ontario road map for 1941.
2. Sillsville: farm lease and agreement between Mr. and Mrs. S.M. Blair and H.L. Magee.  
September 15, 1945 - April 18, 1946.
3. Sillsville: correspondence chiefly with H.L. Magee and invoices for improvements to the property.  
May 16, 1950 - January 14, 1955.
4. Sillsville: correspondence regarding taxes and insurance on property.  
October 10, 1950 - April 7, 1955.
5. Sillsville: correspondence with H.L. Magee and others regarding farm operations.  
January 10, 1955 - November 17, 1958.
6. Sillsville: correspondence mainly with M.J. Berardi concerning the purchase and mortgage of the farm.  
April 15, 1955 - May 27, 1964.  
Included are draft and photographic copies of the mortgage agreement.

MG 46/2/1     Personal

MG 46/2/1/10 Property

Box 7 (continued)

7. Cedar Mains Farm, originally Cedar Mills Lodge (near Bolton, Ontario): copy of bill of sale between Air Commodore E.I. Bussell and Mr. and Mrs. S.M. Blair, inventory of farm and household items, inspection reports, and correspondence regarding taxes, insurance and the transfer of sterling assets.  
July 14 - December 28, 1949.
8. Cedar Mains: legal documents pertaining to the sale of Shiloh (Shilo) Church property from H. Jackson to E.I. Bussell, and blueprint plan of cemetery.  
July 15 - September 30, 1949.
9. Cedar Mains: correspondence concerning farm animals and buildings and with the Ontario Heritage Foundation regarding its proposed purchase of a block of land at Cedar Mains.  
September 1, 1949 - 1980.  
Includes a typed history of the ownership of Cedar Mains and the people associated with it.
10. Cedar Mains: correspondence regarding repair of farm buildings, soil surveys and property taxes.  
January 24, 1950 - [October 22?, 1950].
11. Cedar Mains: correspondence relating to a variety of farm and household operations such as soil, fences, road maintenance, tree replacement, water testing, farm workers and telephone service.  
February 28, 1951 - November 12, 1964.  
Contains the land description of five of the farms and printed advertisements of the prize winning Suffolk sheep at Cedar Mains (1957).
12. Cedar Mains: copy of offer to purchase and correspondence regarding the purchase of property from P.W. Mains in 1952 to extend area of Cedar Mains Farm; correspondence regarding the purchase of property used by the Salvation Army as a children's camp.  
January 28, 1952 - July 28, 1954.
13. Cedar Mains: correspondence relating to restoration of Shiloh Cemetery, lists of inscriptions on tombstones, copy of the Cemeteries Act of Ontario (1961).  
1961 - September 30, 1970.
14. Cedar Mains: correspondence regarding expropriation for the right of way of Highway #50.  
April 5, 1962 - September 19, 1968.

MG 46/2/1     Personal

MG 46/2/1/10 Property

Box 7 (continued)

15. Cedar Mains: correspondence and brochure about a proposed swimming pool.  
August 4 - August 18, 1964.
16. Cedar Mains: correspondence regarding expropriation for the right of way of side road #20.  
February 24, 1965 - October 15, 1976.
17. Cedar Mains: correspondence about general household and farm operations.  
February 16, 1965 - October 22, 1969.
18. Cedar Mains: letter confirming access to property owned by Gordon Robinson.  
March 5, 1965.
19. Cedar Mains: rough sketches and copies of two sets of general and detailed architect's plans (10 plans in total) for the renovations of the house; letter to contractor, printed map of the location of the farm and 5 photographs of the exterior of the farm house before renovations.  
July 1965 - September 16, 1967.
20. Cedar Mains: copies of contract and correspondence with contractor, architect or subcontractors regarding extensions and renovations.  
July 10, 1967 - January 17, 1969.
21. Cedar Mains: list of farms by name, township map showing location of Havenbrook, Mounthaven and Scott property [Glenhaven], sketch maps of barns at Maple Brae and Cedar Mains and location of Dunhaven Farm.  
June 13, 1967 - March 1968.
22. Cedar Mains: correspondence with law firm regarding disagreement over payment for hay and straw.  
March 26 - August 8, 1968.
23. Cedar Mains: grant of easement, clippings and correspondence with O.M. Solandt regarding a hydro corridor through farm property.  
March 1 - December 7, 1973.



MG 46/2/1      Personal

MG 46/2/1/10 Property

Box 7 (continued)

24. Cedar Mains: correspondence, maps, printed abstract and rough notes relating to the Solandt Commission's selection of hydro transmission corridor.  
September 13, 1973 - August 20, 1974.
25. Cedar Mains: memorandum regarding gift of land to the Ontario Heritage Foundation and a copy of the Conservation Authorities Act (1973).  
1970 - December 31, 1980.
26. Cedar Mains: correspondence about sprinkler irrigation and specifications of a centrifugal pump.  
August 17, 1974 - February 8, 1975.

Box 8

27. Glenhaven or Scott Farm: copy of deed of land and correspondence relating to its purchase.  
June 20 - August 31, 1953.
28. Havencrest (formerly Hillcrest) Farm: six land plan maps of the Township of Albion, including the Herman Jackson farm.  
1938, 1941, 1960, 1964.
29. Havencrest: copies of the deed of land, correspondence and rough notes relating to the purchase of the H. Jackson property.  
January 8 - September 9, 1964.
30. Mounthaven Farm: copies of legal documents, statements, accounts and correspondence relating to the sale of property by H. Matson to S.M. Blair.  
January 15 - March 9, 1965.
31. Maple Brae Farm: copies of deeds and agreements and correspondence relating to the sale of property by A. Clarkson to S.M. Blair.  
September 1, 1964 - May 17, 1965.
32. Havenbrook Farm: copies of legal documents and correspondence relating to the sale of the F.E. Hosken property and the mortgage owed by S.M. Blair to F.E. Hosken.  
April 29, 1966 - April 15, 1974.
33. Havenbrook: copies of legal documents and correspondence relating to the mortgage held by S.M. Blair on property sold to J. and J. Cargill.  
May 16, 1966 - July 22, 1981.

MG 46/2/1 Personal

MG 46/2/1/10 Property

Box 8 (continued)

34. Dunhaven Farm, Dundalk, Ontario: copies of legal documents relating to the purchase and mortgage of the V. Atkinson property. May 12 - September 6, 1967.
35. Dunhaven: correspondence regarding government grant and renovation of barn. 1972 - August 8, 1978.
36. Dunhaven: accounts for farm supplies. June 15, 1978 - July 20, 1979.
37. Farm property: municipal enumeration, assessment and tax notices and receipts relating to all farms. October 1, 1956 - December 9, 1967.
38. Farm property: municipal enumeration, assessment and tax notices, and receipts relating to all farms. June 19, 1986 - November 2, 1974. Included is correspondence with township officer regarding drainage, farm tax reduction and road closures (November 23, 1970 - November 30, 1972).
39. Farm property: municipal enumeration, assessment and tax notices and receipts relating to all farms. December 2, 1974 - December 1, 1980. Included are sundry notices and forms issued by the municipal or provincial government.
40. Farm property: correspondence, reports and estimates regarding soil surveys and use of commercial fertilizers. April 18, 1966 - April 24, 1969.
41. Farm rental: correspondence with the Metropolitan Toronto and Region Conservation Authority regarding property rental, copies of lease agreements, and sketches and map of the area. May 1, 1951 - June 20, 1967.
42. Farm rental: correspondence regarding property rented from Nigel Rolley. October 29, 1956 - February 2, 1976.
43. Farm rental: correspondence and drafts of lease agreements relating to property rented from Drs. W. Au and W. Mo. January 30, 1965 - May 7, 1976.

MG 46/2/1     Personal

MG 46/2/1/10 Property

Box 8 (continued)

44. Farm rental: correspondence, copies of lease agreement and plan regarding property rented from F. Giordano.  
February 18, 1971 - February 23, 1976.
45. Farm rental: copy of letter regarding an access lane, maintenance of all farms and a map of the Bolton farms.  
March 5, 1965, 1966 and February 5, 1976.
46. Farm mortgage: correspondence regarding the lease and mortgage owed by F. Hodges to S.M. Blair.  
February 5, 1952 - June 19, 1953.
47. Farm property for sale: correspondence with real estate agents in Ontario and Quebec regarding farm properties for sale.  
July 18, 1962 - September 21, 1967 (with gaps).
48. Township of Albion: correspondence regarding property within the boundaries and a plan of a survey of Lots 21 and 22 in Concessions 7 and 8.  
1958 and February 6, 1970 - December 19, 1973.
49. Town of Caledon (formerly Township of Albion): correspondence, newsletters of the Albion Ratepayers Association and plan of a survey of lots 18, 19 and 20 in Concessions 7 and 8.  
July 23, 1974 - December 12, 1980.
50. Land Development: valuation of Cedar Mains, Maple Brae, Havencrest, Scott farm (Glenhaven), Hosken farm (Havenbrook), Matson farm (Mounthaven) and Dunhaven, by Canada Permanent Trust Company.  
December 1971.  
Included are black and white photographs of residences and farm buildings at Cedar Mains, Maple Brae, and Havencrest.

Box 9

51. Land Development: unsigned agreement between Treth Developments Limited and S.M. Blair regarding purchase of Mounthaven farm, two copies of a memorandum on tax implications in the sale of the land and rough notes.  
April 13 - June 26, 1973.
52. Land Development: correspondence with George Wimpey Canada Limited regarding possible purchase of farms.  
June 22 - August 13, 1973.

MG 46/2/1     Personal

MG 46/2/1/10 Property

Box 9 (continued)

53. Land Development: three versions of an offer to purchase land made by Treth to S.M. Blair, draft plan of subdivision, a Resolution of the Township of Albion Planning Board and the Report on Lands in Albion Township for Treth.  
September 7 - December 10, 1973.
54. Land Development: subsoil investigation of proposed residential development (Mount Wolfe) by William Trow Associates Limited; in spiral ring binder.  
November 15, 1973.  
Includes map of proposed subdivision.
55. Land Development: Report on Official Plan Amendment for Treth (Mount Wolfe); Interim Report on Lands in Albion Township for Treth (Havencrest, Maple Brae and Havenbrook) with covering letters; land use plan.  
November 19 - November 30, 1973.
56. Land development: correspondence regarding sale of property.  
Includes an evaluation of Treth by Dun and Bradstreet.  
February 28, 1974 - July 7, 1975.
57. Land development: report on lands in the town of Caledon for Treth.  
March 8, 1974.
58. Land development: correspondence regarding taxes, insurance and mortgages on property sold to Treth.  
April 1, 1974 - October 26, 1977.
59. Land development: copy of Joint Venture Agreement between Victoria Wood Development Corporation Incorporated, Treth Developments Limited, and Metropolitan Travel Agency; correspondence.  
May 31, 1974 - February 3, 1976.
60. Land development: two copies of notes on the closing of the Treth agreement.  
June 13 - July 2, 1974.
61. Land development: correspondence regarding opposition to or support for the sale of land.  
January 31 - June 6, 1975.
62. Land development: submission to Caledon Council by Treth Developments Limited.  
December 3, 1975.

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MG 46/2/1/10 Property

Box 9 (continued)

63. Land development: handwritten notes by S.M. Blair explaining size and location of farm property involved in the sale and terms of the mortgage; correspondence.  
April 11, 1977 - February 12, 1981.
64. Land development: copies of a Palgrave Estate (Mount Wolfe) study, review of draft Caledon zoning by-law and minutes of Council.  
March 21, 1979 - February, 1980.  
Included is an explanatory note by S.M. Blair.
65. Land development: coloured drawings of subdivision plan, entrance gates and three house exteriors prepared for promoting Mount-Wolf [sic] Estates; removed from hard cover.  
n.d.
66. Portugal, Vale do Lobo: copies of documents regarding land purchase, specifications for standard houses, and correspondence relating to furnishings, insurance and accounts.  
January 1970 - April 22, 1977.  
Included are plans, schedule of prices and specifications prepared by Costain/Trust Houses Development and photocopies of custom-made furniture, sketches of which are in MG 46/2/1/10/72.
67. Vale do Lobo: history and location of the project, management agreements, maintenance contracts, constitution and minutes of The Vale do Lobo Property Owners Association (1972), banking transactions and correspondence relating to all these subjects.  
May 20, 1971 - December 20 [1973].
68. Vale do Lobo: management conditions and agreement (1975), reports on owners' meeting, and correspondence regarding banking and development of house and property.  
April 19, 1974 - November 10, 1978.
69. Vale do Lobo: correspondence regarding conditions at Vale do Lobo, minutes and newsletters of Property Owners Association, history of the Portuguese development.  
August 1, 1979 - February 13, 1981.
70. Vale do Lobo: correspondence regarding guests.  
June 3, 1971 - October 3, 1973.
71. Vale do Lobo: cheque stubs, receipts, travel agent's account and itinerary and publications.  
March 3, 1974 - August, 1980.

MG 46/2/1 Personal

MG 46/2/1/10 Property

Box 9 (continued)

72. 1-20: Vale do Lobo: plans and sketches of the grounds, house, heating system and custom-made furniture. Items 11 to 20 are sketched on tracing paper and the last four items have a covering letter from the furniture manufacturer (May 7, 1971).  
1970 - 1971.

MG 46/2/1/11 Estates of Nettie R. Blair and S.M. Blair

Box 10

1. Wills: correspondence, draft will (1972) and codicils in 1975 and 1979, and a record of the relatives and descendants of S.M. Blair and Nettie (Janet) Russell Blair.  
October 24, 1955 - October 21, 1975.  
Contains list of property jointly owned by Dr. and Mrs. Blair.
2. Estate planning: correspondence; legal documents giving Power of Attorney to Lloyd C. Wright and correspondence relating thereto.  
September 26, 1961 - December 4, 1980.
3. Old Age Pensions: correspondence, applications, copies of birth certificates of S.M. Blair and Nettie R. Blair.  
October 11, 1968 - October 30, 1969.
4. Nettie R. Blair: telegrams and letters notifying relatives and friends of her death, messages of condolence and copies of acknowledgements of letters.  
January 30 - March 12, 1974.
5. Safety deposit boxes and farm vault: lists of contents relevant to the estate of Nettie R. Blair.  
January 29, 1974 - February 5, 1975.
6. Nettie R. Blair: Application for Letters Probate, lists of vehicles and appraised jewellery and notes on the meeting held to close the estate.  
May 28, 1974 - March 14, 1975.
7. Marriage contract: copy of agreement and assets of S.M. Blair and Dr. Margaret E. Milton as of January 1, 1979.  
January 26, 1979.
8. Insurance: copies of letters regarding insurance policies and payments and a list of insured property.  
July 8, 1980 - May 3, 1982.

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MG 46/2/1/11 Estates of Nettie R. Blair and S.M. Blair

Box 10 (continued)

9. Wills and directives to Trustees: draft and final copy of a memorandum to Trustees and S.M. Blair's daughter and son, a true copy and a photocopy of the will of October 9, 1980, Application for Letters Probate, photocopies of handwritten letter to his son and daughter.  
March 13, 1980 - March 25, 1981.  
Included are copies of codicils to the will of 1972 and 1976.
10. Taxes and succession duties: correspondence and income tax forms.  
February 18, 1981 - January 6, 1983.
11. Administration: correspondence and memoranda; minutes of meetings of shareholders of Blair Holdings, of executors and of accountants; inventory and valuation of contents of home; list of vehicles and farm machinery.  
February 13 - December 17, 1981.
12. Beneficiaries: correspondence with executors, and S.M. Blair's handwritten list of beneficiaries.  
February 25, 1981 - February 23, 1983.
13. Mortgages: correspondence and plans of property pertaining to the mortgage owed by Treth to S.M. Blair; and one letter relating to the mortgage on Dunhaven.  
February 25, 1981 - April 13, 1983.  
The plans are for Glenhaven, Maple Brae, Havencrest, Havenbrook and Mounthaven.
14. The S.M. Blair Geriatric Research Foundation: correspondence and copy of minutes recording its operation and dissolution.  
March 9, 1981 - November 18, 1982.
15. Vale do Lobo property: copies of correspondence regarding attempts to sell it.  
March 23, 1981 - February 28, 1983.
16. Cedar Mains property: copies of correspondence regarding its proposed sale, initially to the Metropolitan Toronto and Region Conservation Authority and later through real estate agents.  
April 22, 1981 - April 13, 1983.

MG 46/2/1 Personal

MG 46/2/1/11 Estates of Nettie R. Blair and S.M. Blair

Box 10 (continued)

17. Cedar Mains: one draft and two final appraisal reports of Cedar Mains, the final ones contain coloured photographs of houses and grounds.  
April 22 - October 7, 1981.  
Included is a copy of a letter requesting an updated appraisal (March 6, 1981).
18. S.M. Blair Family Foundation: Letters Patent and a report regarding incorporation; correspondence among executors and with the University of Waterloo and charitable organizations.  
September 10 - December 31 [1981].
19. S.M. Blair Family Foundation: correspondence among executors, with the University of Alberta regarding programmes pertaining to northern development and with Revenue Canada; auditors' report (December 31, 1982); statement of account from National Trust.  
February 3, 1982 - April 9, 1983.
20. Administration: correspondence, balance sheets, copies of minutes of executors and of shareholder of the S.M. Blair Family Foundation and a record of the dispersal of the items listed in the inventory and evaluation of 1978.  
February 2, 1982 - April 13, 1983.

MG 46/2/1/12 Speeches and References

1. Royal Society of Arts, the Neil Matheson McWharrie Lecture: invitation to speak, correspondence regarding accommodation and social events, two copies of the speech "Canada's Oil Industry" and galley proof with one correction.  
August 17, 1951 - May 22, 1952.
2. Royal Society of Arts: correspondence regarding data on gas, oil, coal and human resources; related reports.  
January 30 - April 15, 1952.
3. Royal Society of Arts: copies of letters to accompany distributed copies of lectures; letters of congratulation and acknowledgement.  
April 4 - June 16, 1952.
4. American Petroleum Institute, Division of Transport: copy of speech given at the annual meeting, "Canadian Oil Production and Transportation," and one letter of appreciation.  
November 9 - 12, 1952.



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MG 46/2/1/12 Speeches and References

Box 10 (continued)

5.    Unspecified meeting: two copies of the introduction of S.M. Blair given by an unknown person.  
November 25, 1952.
6.    The St. Andrew's Society, Toronto: two copies of speech, "Some Fundamentals of Oil Pipelines."  
February 12, 1953.
7.    Investment Dealers' Association of Canada, Lake-of-Bays, Ontario: two copies of "Building for Canada's Oil."  
June 11, 1953.
8.    Royal Commission on Canada's Economic Prospects, Legislative Chamber of Parliament Buildings, Toronto; one copy of speech, "The Athabasca Oil Sands."  
January 27, 1956.

Box 11

9.    Royal Canadian Institute, Toronto: introduction, typed text and two edited versions of speech, "Pipelines in Canada" in spiral ring binder; abstract and correspondence regarding the speech.  
October 31, 1956 - February 9, 1957.
10.   Royal Canadian Institute: mailing lists, copies of covering letters accompanying text of lecture and letters of acknowledgement.  
March 13 - June 5, 1957 and January 16, 1959.
11.   Bechtel Corporation [San Francisco]: one copy of speech, "Establishing Business in Another Country".  
February 2, 1961.
12.   University of Alberta, Graduating Class in Engineering: two copies of "The Engineer in Administration," invitation and correspondence regarding data used in the speech.  
November 4, 1960 - March 15, 1961.
13.   University of Alberta, Graduating Class in Engineering: copies of letters to accompany copies of the speech, and acknowledgements.  
March 7 - May 19, 1961.
14.   Bechtel Management Committee Meeting [Canada]: typed copy of "Canadian Bechtel as a Company."  
March 30, 1961.

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MG 46/2/1/12 Speeches and References

Box 11 (continued)

15. Pacific Northwest Trade Association, Victoria, B.C.: draft and final copy of the speech, "Energy, the Life-Blood of a Nation," programme, correspondence and itinerary.  
September 22, 1961 - January 5, 1962.
16. The Engineering Institute, Montreal: an evaluation of G. Govier and R.A. Ritter's paper, "Pipeline Flow Characteristics of Crude Oil."  
June 13, 1962.
17. Second Athabasca Oil Sands Conference: two copies of presentation speech honoring Karl A. Clark.  
October 30, 1963.
18. The Second International Pipe, Pipelines, Pumps and Valves Convention, London, England: one copy and published version in Papers and Discussions of paper "Long Distance Pipelines in North America" prepared by S.M. Blair and H.F. Waste.  
April 13 - 17, 1964.
19. The Canadian Nuclear Association: two copies of speech, "The Canadian Nuclear Industry" given at the Annual Meeting.  
June 10, 1968.
20. Memorial University, Newfoundland, Convocation Address: two edited copies, one draft and one final version of speech with lists of guests and recipients of copies, and rough and typed notes.  
April 30 - August 9, 1974.
21. University of Alberta, Convocation Address: two draft, two typed and one printed versions of speech.  
May 30, 1975.
22. Association of Professional Engineers of the Province of Ontario, on receipt of the Professional Engineers Gold Medal: introduction, two copies of speech (one amended), programme, draft of profile of S.M. Blair prepared for publication, correspondence and list of former recipients.  
March 2 - July 11, 1975.
23. University of Waterloo, Ontario, Convocation Address: one altered and two final copies of speech.  
May 28, 1977.
24. Rotary Club, Bolton, Ontario: a report of speech, "Accomplishments are the Result of Teamwork" in newsletter.  
May 1979.

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MG 46/2/1/12 Speeches and References

Box 11 (continued)

25. Reference: extracts from magazines and newspapers on sundry topics including petroleum, aviation diesel oil, insecticide and industrial research, animal and plant nutrition and industrial safety; in hard covered, looseleaf book of unusual design. 1929 - 1930.
26. Reference: miscellaneous, including typed and published articles on employment prospects of chemical engineers, engineering education after graduation, and two copies of a personal reminiscence, "Notes While Flying South" by unknown person. n.d. and [1973].
27. Reference, "Archaeological Investigation in Albion Township" (at Milton-Thomazi Site); two letters, copies of licence application, curriculum vitae. May 8, 1978 - March 31, 1980.
28. Reference, Agriculture: typed and published articles, including the typescript of an interview conducted by J.M. Parker, University of Alberta Archivist with Dr. Jan Weijer on grasses of the Alberta Rocky Mountains. 1951, 1969, 1976 and 1978.
29. Reference, Agriculture: typed and printed article on sheep. 1972 - May 9, 1977.
30. Reference, Agriculture: copy of "Feasibility Study for a Sheep Raising Farm in Saudi Arabia" by George S. Medawar, with covering letter from S.S. Olayan. April 1, 1969 and June 2, 1973.
31. Reference, Energy: published article on energy conservation in Sweden. July - October 15, 1976.
32. Reference, Northern Regions: typed and published articles on Northern Canada, the Yukon, the Arctic, Alaska and the proposed Northern Resource Centre, and correspondence. October 1974 - December 1978.
33. Reference, Northern Regions: presentations, news releases, brochures and clippings from Gas Arctic Systems Study Group. [ca. 1971] - June 3, 1976. Includes references to S.R. Blair in the news clippings.

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MG 46/2/1/12 Speeches and References

Box 11 (continued)

34.    Reference, Petroleum Microbiology: published progress report, Extraction and Processing of Hydrocarbon Values from Unconventional Resources by Microbial Means, prepared by B.C. Research. Two letters included.  
January - July 22, 1980.

MG 46/2/2     Alberta Oil Sands

MG 46/2/2/1   Karl A. Clark

The series includes correspondence chiefly with S.M. Blair but also with S.J. Kidder and others, as well as publications by and tributes to K.A. Clark.

Correspondence

Box 12

1.    Letter to S.M. Blair and copy of Chapter I of report, "Scope and Method of Investigation" (36 pp.) for the Scientific and Industrial Research Council of Alberta.  
November 24, 1926.  
Included is a copy of a geological map of Alberta by John A. Allan (1926).
2.    To S.M. Blair: contains references to S.C. Ells' activities, developments at Fort McMurray, technical data and the Scientific and Industrial Research Council.  
November 19, 1927 - November 27, 1929.
3.    With S.M. Blair: contains references to Fort McMurray, Lake Athabasca, and Trinidad Leaseholds Limited, *Grey Owl*  
December 27, 1930 - November 15, 1937.
4.    With S.M. Blair: contains references to Turner Valley, Max Ball, Petroleum and Natural Gas Conservation Board, Trinidad Leaseholds and plant at Bitumount.  
December 2, 1940 - August 9, 1947.  
Letter of August 9, 1947 has a page or pages missing.

MG 46/2/2 Alberta Oil Sands

MG 46/2/2/1 Karl A. Clark

Correspondence

Box 12 (continued)

5. With S.M. Blair: regarding progress at the Bitumount plant and the trip to Bitumount by S.M. Blair and E. Nelson of Universal Oil Products Company.  
February 9 - December 20, 1949.  
Included is a two page extract of a letter from K.A. Clark to an unspecified person about the Blair and Nelson trip. (n.d.)
6. With S.M. Blair: contains enclosures of Clark's or others' comments on articles on various aspects of oil sands to be used in the Blair Report. Included is a letter to P.E. Gishler, W.E. Adkins, T.E. Warren, and A.C. Plewes from S.M. Blair (August 17, 1950).  
January 6 - December 9, 1950.
7. With S.M. Blair regarding First Oil Sands Conference.  
June 21 - December 17, 1951.  
Included are original or copies of correspondence with S.J. Kidder and G.A. Clash.
8. With S.M. Blair: contains references to Second Athabasca Oil Sands Conference, the 75th birthday dinner in honor of K.A. Clark, and the plant at Fort McMurray.  
January 14 [1952] - September 5, 1966 (with gaps).
9. Between S.M. Blair and others regarding the Second Oil Sands Conference and birthday dinner, biographical data of K.A. Clark, two copies of S.M. Blair's presentation speech at the banquet, and notes.  
February 1, 1963 - January 14, 1964.
10. The K.A. Clark Volume, a collection of papers on the Athabasca Oil Sands, edited by M.A. Carrigy and published by the Research Council of Alberta.  
October, 1963.  
A list of contributors is included.
11. Bound letter to Dr. H.M. Tory from K.A. Clark giving a detailed account of oil sands work; photographs included.  
December 1929.

MG 46/2/2 Alberta Oil Sands

MG 46/2/2/1 Karl A. Clark

Correspondence

Box 12 (continued)

12. Miscellany: copy of K.A. Clark's diary at Bitumount during the 1949 season; articles by K.A. Clark: "Introduction to C.M.&S.Co. (Consolidated Mining and Smelting Company Limited) Report on Blasting Oil Sands at Abasand Oils Ltd." (1942), "Matters Needing Attention When the Bitumount Plant is Readied for Further Operation" (1950), draft copy of "Hot Water Separation," copy of "Some Laboratory Results Related to Mining Oil Sand by Block Caving" and of "Commercial Development of Alberta Bituminous Sand Now Economically Feasible"; photograph of sketch of oil sands deposit in cross-section (3 copies) and news clippings. September 12, 1942 - December 1966.

Publications

13. K.A. Clark, "The Athabaska [sic] Tar Sands" reprinted from the Scientific American (1949); "The Hot Water Washing Method" reprinted from Canadian Oil and Gas Industries (1950). May 1949 and September 1950.
14. Scientific and Industrial Research Council of Alberta, Report No. 12 "The Bituminous Sands of Northern Alberta" by K.A. Clark and S.M. Blair, reprinted from Fifth Annual Report; 2 copies. 1924.
15. Scientific and Industrial Research Council of Alberta, Report No. 18, "The Bituminous Sands of Alberta, Part I - Occurrence," by K.A. Clark and S.M. Blair; photocopy. 1927.
16. Scientific and Industrial Research Council of Alberta Report No. 18, "The Bituminous Sands of Alberta, Part II - Separation", by K.A. Clark and S.M. Blair. 1927.
17. Scientific and Industrial Research Council of Alberta Report No. 18, "The Bituminous Sands of Alberta, Part III - Utilization," by K.A. Clark. 1929.

MG 46/2/2 Alberta Oil Sands

MG 46/2/2/1 Karl A. Clark

Publications

Box 12 (continued)

18. K.A. Clark, "The Separation of the Bitumen from Alberta Bituminous Sands," reprinted from The Canadian Mining and Metallurgical Bulletin (1929); K.A. Clark and D.S. Pasternack, "Hot Water Separation of Bitumen from Alberta Bituminous Sand," reprinted from Industrial and Engineering Chemistry (December 1932). 1929 and 1932.
19. Research Council of Alberta, Thirty-First Annual Report, No. 60, containing a review of the oil sands project on page 9 and pages 13 to 18; two copies. 1951.
20. Research Council of Alberta, Contribution 24, "Athabasca Bituminous Sands" by K.A. Clark; a reprint from Fuel XXX (1951); two copies. March 1951.
21. Research Council of Alberta, Thirty-Second Annual Report No. 62, containing a review of the oil sands project on pages 10 to 14. 1952.
22. Research Council of Alberta, Thirty-fourth Annual Report No. 66, containing a review of the oil sands project on pages 15 to 19. 1954.
23. Research Council of Alberta, Mimeographed Circular No. 22, "Bulk Densities, Porosities, and Liquid Saturations of Good Grade Athabasca Oil Sands", by K.A. Clark. 1957.
24. Research Council of Alberta, Contribution 69, "Athabasca Oil Sands, Historical Review and Summary of Technical Data", by K.A. Clark; reprinted from Edmonton Geological Society, Quarterly, Volume I, Nos. 1 and 2. 1957.

MG 46/2/2 Alberta Oil Sands

MG 46/2/2/2 Blair Report

This series comprises general and individual correspondence, memoranda of meetings, expense accounts, reference material used in the report, and the draft, typed and published report.

Correspondence

Box 13

1. Surnames A: includes W.M.V. Ash and O.E. Auer regarding the analysis of asphaltic oil encountered in drilling north of Lesser Slave Lake.  
June 2 - November 6, 1950.
2. Surnames B,C,D: includes M.S. Beringer, S.R. Blair, D. Brown, D.G. Dewar, L.E. Djingheuzian.  
March 17 - December 28, 1950.  
The S.R. Blair Letter of June 16, 1950, contains references to R.C. Fitzsimmons, Lloyd Champion, International Bitumen Company and Oil Sands Limited.
3. Surnames E,G: includes Edmonton Journal, G.E. Evans, Mrs. E. Gostick and A.R. Gordon (Alberta Government employees).  
March 22 - October 26, 1950.  
Includes typed extracts of history of Fort McMurray and oil sands, and of the gas well at Pelican Rapids.
4. Surnames H,J: includes C. Hay, R. Holroyd, H.C. Hose and Alex Jackson, regarding setting the competitive market value of oil sands oil and sand water pumps.  
June 21 - November 15, 1950.
5. Surnames L,M: G.B. Langford, R.C. Leavitt, P.W. Loughrey, R.P. Miller, D.S. Montgomery.  
February 17 - December 27, 1950.
6. Surname O: J.E. Oberholtzer regarding sulphur freight rates.  
January 30 - August 18, 1950.
7. Surnames S,T,W: includes W.B. Stewart, Honourable N.E. Tanner (Mines and Minerals), C.W. Tyson, L.G. Weeks and others.  
November 18, 1949 - November 29, 1950.
8. W.E. Adkins regarding the compilation of engineering and economic data from Bitumount operation in 1949, and the general mining of sand and the removal of overburden and tailings.  
December 6, 1949 - August 31, 1950.



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MG 46/2/2/2 Blair Report

Correspondence

Box 13 (continued)

9. Bechtel Corporation regarding viscosity of oil and costs of transporting recovered oil from source to Edmonton.  
November 21, 1949 - June 1, 1950.
10. P.E. Gishler regarding tests on the viscosity and constituents of oil from bituminous sand.  
February 17 - November 15, 1950.  
Included is Dr. Gishler's report, "Fluidized Solids Method of Obtaining Oil from Alberta Bituminous Sand" (reprint, 1949).
11. G.W. Hodgson and D.S. Pasternack regarding tests and analyses carried out at the Alberta Research Council.  
January 5 - November 22, 1950.
12. S.J. Kidder regarding mining costs using large buckets.  
July 17 - November 1, 1950.  
Includes a copy of a letter from Mr. Kidder to H.B. Lee.
13. Hans G. Kugler of Trinidad Leaseholds Limited, regarding the origin of oil sands and the metal salts contained in them.  
February 21 - November 14, 1950.  
Contains a copy of a letter from H. Kugler to K.A. Clark.
14. A.C. Plewes regarding production and use of sulphur in Canada and cost of treating recovered crude oil.  
October 26, 1949 - September 14, 1950.
15. The Honourable J.L. Robinson regarding draft and typed copy of the outline of the oil sands survey, the methods and costs of carrying it out, references to terms of the contract, transportation costs and report on the Chicago meeting (July 5, 1950).  
November 18, 1949 - February 8, 1951.  
Includes draft of letter from Edwin Nelson of Universal Oil Products Company to J.L. Robinson recommending S.M. Blair as head of survey.
16. United States Government Departments regarding publications.  
July 12 - November 14, 1950.
17. Universal Oil Products Company regarding processing of oil sands.  
August 31, 1949 - December 19, 1950.  
Included a copy of a letter from J.L. Robinson to Edwin Nelson and a copy of the reply, and also copies of letters to P.E. Gishler.

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Correspondence

Box 13 (continued)

18. T.E. Warren and W.H. Norrish regarding the hydrogenation process. February 15 - November 18, 1950.  
Includes copies of letters to W.E. Adkins, F.L. Hartley and K.A. Clark.
19. Correspondence received after publication of the Blair Report: one letter each with S.C. Ells and Max W. Ball, and requests for copies of the Report.  
June 30, 1951 - June 19, 1953.
20. Extracts from newspapers and a magazine relating to the Blair Report.  
March 6, 1950 - March 15, 1951.

Memoranda of Meetings, Accounts

21. Notes and memoranda of meetings, mainly with members of the Research Council of Alberta; appointment book (June 13 - July 24).  
February 3 - July 24, 1950.
22. Chicago meeting: typed agenda and minutes, handwritten memoranda and rough notes.  
July 5 - 8, 1950.
23. Expense Accounts: submitted to Dr. J.L. Robinson of the Board of Trustees of the Oil Sands Project; bank deposit slips.  
January 2, 1950 - May 18, 1951.

References

24. S.M. Blair's description of bituminous sand cross-sections: handwritten notes, sketches and diagrams.  
May 23 - June 11, 1924.
25. Results of analyses of samples from cross-sections 1-35, referred to in previous item.  
[May - June 1924].
26. K.A. Clark, "Alberta Bituminous Sands and Road Construction," 7 pages.  
[ca. 1924].

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References

Box 13 (contined)

27. Map showing provisional classification of principal outcrops of bituminous sands in northern Alberta, by S.C. Ells; originally filed with item 26. December, 1920.
28. Blueprint, "An Elevation of the 'Tar' Sands Plant" by S.M. Blair for the Industrial Research Department [sic] University of Alberta; originally filed with item 26. August 12, 1925.
29. Map of the bituminous sands of northern Alberta, issued by Canada Department of Mines. 1925.
30. Report from Universal Oil Products Company re tests on samples of bitumen from northern Alberta and of crude oil from Wainwright using S.M. Blair's samples; 2 copies. June 24 - 30, 1926. Includes a covering letter from G. Egloff to K.A. Clark.
31. Table II, 2 versions of "Laboratory Inspections of Distillates Produced by Coking Alberta Tar Sand Bitumen." n.d.
32. Table III, 2 versions of "Costs of Production." n.d.
33. Results of Investigations, 1942 - 1947. Volume III cross-sections and plans of areas drilled; published by Canada Department of Mines and Resources. [ca. 1947].
34. Refining processes, general: reports, charts, flow diagrams and list of subject headings. June 5, 1942 - october 24, 1950.
35. Costs, general: plant operating and labour costs for a variety of separation and refining processes. September 12, 1946 and April 15, 1950.
36. Aeronautical map of McMurray [sic], preliminary edition, Canada, Department of Mines and Resources. December 6, 1946.

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References

Box 13 (continued)

37. Sulphur in oil sands: rough notes, typed data and graphs.  
1947 - [1950].
38. Pipeline transportation: memorandum, graphs of costs, outline of chapter on transportation for report.  
May, 1948 - November 25, 1949.
39. Cold water separation process: report and estimate of operating costs.  
July, 1948.
40. Meteorological data for Abasand, Edmonton and Fort McMurray; list of properties of oil sands.  
[1948].
41. United States Liquid Fuel Research: publications and notes extracted from an article by L.C. Skinner.  
April 1949 - September 1950.
42. United States Department of the Interior: Information Circular, and Annual Report of the Secretary, Parts I and II.  
September 1949 and February 1950.
43. Propane extraction of Athabasca oil sands: report from Universal Oil Products Company and a three page paper on same subject.  
April 6, 1949 and n.d.  
The bottom of page one of the papers has been torn off.
44. Outline drawing, 36" x 60", of Fairmount Type Crusher, Style B from Allis-Chalmers Manufacturing Company.  
August 19, 1949.
45. Catalytic cracking of bitumen: preliminary report from Universal Oil Products Company, and table of costs.  
August 6 and 31, 1949.
46. Tests of natural gas from Kinsella, Redwater, Leduc and Lac La Biche.  
October 8, 1949 - March 13, 1959.
47. Carbon black in bitumen: letter from H. Cox to National Research Council and extract from a professional magazine.  
December 8, 1949 and March, 1959.

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References

Box 13 (continued)

48. Fluidized solids and separation distillation: report based on information from P.E. Gishler.  
[ca. 1950].
49. Fluidized refining and hot water separation: operating costs.  
[ca.1950].
50. Hydrogenation: two reports and tables of costs of manufacture of hydrogen.  
[ca. 1950].
51. Hot water separation process: articles on method, location of plant by G.W. Hodgson; elevation of separation plant unit and comments on its design by D.S. Pasternack.  
March - June 8, 1950.
52. Physical, chemical and geological description of oil sands: brief articles; rough draft of the outline of Preface and Chapter I of Survey for the Alberta Government.  
March 1, 1950.
53. Coking distillation of dry bitumen: results of experiments conducted by G.W. Hodgson.  
March 27, 1950.
54. Reports of analyses from the Research Council of Alberta and Universal Oil Products Company on oil from bituminous sands.  
May 12 - December 11, 1950.
55. Transportation and marketing of sulphur: rough and typed statistics.  
June 12 - October 10, 1950.
56. Vanadium and other metals in oil sands: copies of typed extracts from an article and an unpublished thesis.  
August 11, 1950.
57. Mining: copy of H.G. Giegerich's report on blasting oil sands for Consolidated Mining and Smelting Company of Canada, Limited, and an introduction to it by K.A. Clark; an article on oil sands mining amended by S.M. Blair (page 1 missing); an article on the physical condition of the sand.  
October 24, 1950.

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References

Box 13 (continued)

58. Miscellaneous: includes two copies of "Review of Mines Branch Activities Relating to Separation and Refining of Bitumen"; blueprints and negative of flow diagrams of hot and cold water processes; simplified flow diagram of hot water separation, fluidized coking and hydrogenation.  
November - December, 1950.  
Diagrams by L.E. Djingheuzian and D.S. Montgomery.
59. Literature following Report: L.E. Djingheuzian and T.E. Warren, "A Study of Cold Water Separation of Bitumen from Alberta Bituminous Sand on a Pilot Plant Scale" (reprint); W.S. Peterson and P.E. Gishler, "Oil from Alberta Bituminous Sand" (reprint, 2 copies).  
1951.
60. Map of Alberta showing oil and gas fields [and Athabasca bituminous sands], prepared by Department of Mines and Technical Surveys, Geological Survey of Canada; originally in preceding file.  
1951.

Box 14

61. Publications of the Research Council of Alberta including:  
Contribution 4: K.A. Clark, "Hot Water Separation of Alberta Bituminous Sand" (July, 1944). Annual Reports for 1944, 1947, 1949. Contribution 12: K.A. Clark and D.S. Pasternack, "Elimination of Water from Wet Crude Oil Obtained from Bituminous sand by the Hot Water Washing Process" (1947). Contribution 13: K.A. Clark, "The Oil Sand Separation Plant at Bitumount" (August 1948). Report 53: K.A. Clark and D.S. Pasternack, "The Role of Very Fine Mineral Matter in the Hot Water Separation Process as Applied to Athabaska [sic] Bituminous Sand" (March 1949). Report 57: S.H. Ward and K.A. Clark, "Determination of the Viscosities and Specific Gravities of the Oils in Samples of Athabaska [sic] Bituminous Sand".  
(March 1950).
62. Miscellaneous publications produced by: Max Ball, Canada Department of Mines and Resources, G.S. Hume, W.S. Peterson and P.E. Gishler; Staff of Oil Sands Project (1948).  
1941 - 1950.
63. Miscellaneous publications from Universal Oil Products Company relating mainly to Athabasca oil sands.  
September 1, 1943 - January 25, 1950.

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Box 14 (continued)

64. Miscellaneous publications produced by W.E. Adkins, American Gas Association, Carl Belser, P.E. Cavanagh, Chemical Engineers Club of Washington, Staff of Oil Sands Project (1949), L.G. Weeks. 1948 - 1949.
65. The Bituminous Sands Survey: typed draft copy of Chapters I, II and III, a handwritten list of references and a typed "Index of References," p.1. [ca. 1950].
66. "The Development of the Alberta Bituminous Sands": typed copy in a hard cover, looseleaf folder, 158 pages; amended. December 12, 1950.
67. Report on the Alberta Bituminous Sands by S.M. Blair; one copy, containing a handwritten inscription from S.M. Blair to S.R. Blair, has pages 69-76 inverted and in wrong order; 82 pp. 1951.  
Includes copies of two letters relating to the reprinting of the report in 1977.

MG 46/2/2/3 First Oil Sands Conference

Correspondence (before and after the Conference):

Box 15

1. Between S.J. Kidder and representatives of corporations and companies, and with G.S. Hume, A.C. Plewes regarding attendance and programmes.  
June 13 - September 24, 1951.  
Includes W.G. Jewitt, F. Mannix and a memorandum to S.M. Blair.
2. Between S.J. Kidder and the Honourable Dr. John L. Robinson.  
June 20 - September 5, 1951.
3. Between S.M. Blair and the Honourable Dr. J.L. Robinson.  
August 2, 1951 - February 1, 1952.  
Includes S.M. Blair's report on a meeting in Ottawa, (August 6, 1951); summary of D.A. Howes' report on the oil sands (August 11, 1951); letter to and from the Honourable N.E. Tanner (September 25, 1951); and copy of discussion on Dr. Smoley's paper on "Continuous Contact Coking" (October 2, 1951).

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MG 46/2/2/3 First Oil Sands Conference

Correspondence (before and after the Conference)

Box 15 (continued)

4. Between S.M. Blair and representatives of corporations and companies and with A.C. Plewes, C.M. Davis and U.S. Department of the Interior.  
July 5 - December 4, 1951.  
Includes also W.G. Jewitt and Universal Oil Products Company.
5. With G.A. Clash and H.P. Rocke of the Alberta Provincial Marketing Board.  
August 7, 1951 - January 10, 1952.
6. From Research Council of Alberta: covering letter and body of report (21 pp.), two versions of foreword, conclusion and recommendations and suggestions for S.M. Blair's letter to the Honourable Dr. J.L. Robinson.  
February 6 - June 26, 1952.
7. Minutes of meetings of Conference Committee (July 27, August 13 and 20, 1951), copy of news release, draft and printed programme, and organizational chart.  
July 27, 1951 - March 6, 1952.  
Includes typed copy of opening speech and copy of "Policy Regarding Oil Sands Development - Alberta," probably the text of the after-dinner speech of the Honourable N.E. Tanner (September 11, 1951).
8. Mailing list, 2 copies.  
1951.
9. K.A. Clark, Guide to the Alberta Oil Sand Area and to the Oil Sand Separation Plant.  
1951.
10. Proceedings of the Athabasca Oil Sands Conference prepared by the Board of Trustees, Oil Sands Project.  
September 1951.
11. Reports received after the Conference from A.C. Plewes, L.E. Djingheuzian, R.E. Carson and F.L. Booth.  
August 1951 - April 4, 1952.
12. Photocopies of news clippings regarding the oil sands and First Oil Sands Conference.  
1949 - September 19, 1951.



MG 46/2/2 Alberta Oil Sands

MG 46/2/2/3 First Oil Sands Conference

Correspondence

Box 15 (continued)

13. News clippings from 3-ring binder regarding the Blair Report and First Oil Sands Conference.  
January 5, 1951 - April 22, 1952.

MG 46/2/2/4 Reference and Miscellaneous

1. Correspondence containing references to crushing equipment and the Swedish method of storing oil in rock.  
September 11, 1950 - February 28, 1952.
2. Correspondence with C.H. Alberding, S.C. Ells, P.E. Gishler, N.H. Grace, A.D. Misener and T.E. Warren.  
October 4, 1951 - December 28, 1955.
3. Correspondence with W.H. Durrell and P.L. Kartzke of Shell Oil and others regarding costs of stripping and mining oil sands.  
May 25, 1955 - April 27, 1958.  
The letters to P.L. Kartzke contain detailed reports on costs (December 14, 1955 and April 15, 1958).
4. Miscellaneous, including A.D. Misener's notes on "Combustion Tests"; S.M. Blair's opinions on various projects for extracting oil from sand, and his comments on the Research Council of Alberta's brief to the Borden Royal Commission on Oil Sands, a letter to S.D. Bechtel and a Bechtel interoffice report, "The Athabasca Oil Sands."  
January 30, 1956 - May 14, 1960.
5. Map showing Athabasca Oil Sands Area including holders of permits and leases, issued by the Province of Alberta, Department of Mines and Minerals; originally found in previous file.  
December 31, 1954.
6. Miscellaneous, including specimen copies of an offer to purchase Lease No. 5 and the Bitumount plant, the contract and the inventory of buildings and installations of the Project Plant.  
July 1953.
7. Plan showing Alberta Government Oil Sands Project at Bitumount in Section 1-97-11-4; found in previous file.  
December, 1952.

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MG 46/2/2/4 Reference and Miscellaneous

Box 15 (continued)

8. Plan showing survey of parcels A and B in Sec. 1, Tp. 97, Rg. 11, W of 4th Alberta; included with previous plan.  
December 30, 1952.
9. Reference: brochure from Fleetwood Petroleum Limited, "The Alberta Oil Picture"; with covering letter from W.B. Mitford to G. Egloff (January 19, 1949).  
December 27, 1948.
10. Reports #1-5 from the University of Western Ontario, Department of Physics on "Thermal Recovery of Oil from Alberta Bituminous Sands" and "In-Situ Combustion," prepared by A.D. Misener with the assistance of J.H. Blackwell on Report No. 3.  
April 22, 1954 - November 1, 1955.
11. Typed copy of a brief by the Research Council of Alberta for presentation to the Borden Royal Commission on Energy Resources.  
April, 1958.
12. S.C. Ells, "Recollections of the Development of the Athabasca Oil Sands," Information Circular from the Department of Mines and Technical Surveys, Ottawa; complimentary copy.  
July, 1962.
13. Publication, "A Description and Reserve Estimate of the Oil and Gas Conservation Board of the Province of Alberta"; in spiral ring binder.  
October, 1963.
14. Report, "Oil Sands and Heavy Oils: the Prospects," issued by Department of Energy, Mines and Resources, Canada.  
1977.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 16

1. H.D. Acres: relating to salary, expenses and pensions.  
June 7, 1940 - March 16, 1948.  
Includes a copy of the minutes of a meeting held February 17 and 18, 1948 to arrange for S.M. Blair's forthcoming visit to the United States.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 16 (continued)

2. C.H. Alberding: relating to production, test results, and refining of gas.  
September 2, 1933 - March 4, 1948.  
Includes a twenty-five page, handwritten letter on plant operation.
3. Alkali Survey in Canada and the United States: expense account and a report on the survey from S.M. Blair to Brigadier R.S.G. Stokes of the Central Mining Investment Corporation Limited.  
December 1948 - March 1, 1949.
4. J.G. Alther: regarding anti-knock fuels production.  
June 14, 1935 - March 19, 1942.  
Contains a reference to Project 1234.
5. American Petroleum Institute: two incoming letters.  
November 29, 1940 and June 18, 1941.
6. Anglo-American Purchasing Company: mainly telegrams.  
October 15, 1935 - [November, 1944].
7. B-miscellaneous: includes C.E. Barwell, [B.G.] Banks, G.A. Bockman, Marjorie Broadbent and H.C.B. Brown.  
September 4, 1940 - July 17, 1947.
8. J.T. Beaumont: regarding completion of his work on Project 1234.  
July 12, 1941 - April 22, 1942.
9. R. Beaumont: references to plant operations, personnel and the hiring of Dr. K.A. Clark.  
November 20, 1934 - May 14, 1948.  
Includes a draft memorandum to Mr. Beaumont regarding the report on an accident at Avonmouth.
10. A.J. Brett: concerning the transfer of sole management of the Project Plant to F.L. Melvill.  
December 13, 1941 - April 22, 1943.
11. C-miscellaneous: includes L.P. Calkin, Central Mining and Investment Corporation Limited, Basil Christ, C.L. Cowen.  
November 6, 1935 - August 29, 1941.
12. P.A. Cooper: regarding the progress being made on Project 1234.  
July 26, 1940 - September 16, 1941.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 16 (continued)

13. D-miscellaneous and E-miscellaneous: includes Dawson Bros. (Shipping) Ltd., H.T. Dodge, R. Edgeworth-Johnstone; six items only.  
July 9, 1943 - March 11, 1949.
14. W.G. Foster: regarding shipments of gas and oil and other supplies.  
January 25, 1935 - November 30, 1937.
15. W.G. Foster: regarding production and equipment, and a statement of account with Universal Oil Products Company.  
February 6, 1938 - July 18, 1947.
16. G-miscellaneous: includes H.G. Gemmell, the L.B. Gibson - W.N. Hoyte incident, and E.N. Gray.  
August 23, 1940 - March 19, 1942.
17. Good Rich Refining Company, Port Credit: memoranda and agreements regarding oil shipments and the purchase of tankers.  
June 29, 1937 - April 23, 1948.
18. Good Rich Refining Company, Port Credit: blueprints showing plan of property at Port Credit, proposed development at the site, and plan of proposed mooring dock.  
April 15 - June 28, 1947.
19. Good Rich Refining Company, Port Credit: telegrams regarding chartering tankers.  
May 29 - July 4, 1947.
20. Good Rich Refining Company, Port Credit: basic data used for Port Credit programmes and shipping schedules.  
February 2 - March 29, 1948.
21. H-miscellaneous: includes E.N. Hague, H.J. Halle, H. Hartley, S.D. Heron, W.N. Hoyte, W.H. Hubner.  
August 31, 1937 - April 6, 1943.
22. W.B. Heaton: contains references to Project 1952.  
June 20, 1940 - February 23, 1948.
23. Emile Hene's patent for a decarbonation process: extracts of minutes, specifications, correspondence relating to selection of patent attorney and patent applications in Britain and the United States.  
July 25, 1939 - June 12, 1941.

MG 46/2/3    Trinidad Leaseholds Limited

MG 46/2/3/1    Business Correspondence

Box 16 (continued)

24. E.D.A. Herbert: regarding personnel, operation of Project 1234 and references to transfer of management of plant to F.L. Melvill.  
October 23, 1942 - April 5, 1943.
25. Herbert/Melvill case involving S.M. Blair: notes, drafts of explanations or defences.  
August 28, 1939 - January 28, 1943.
26. I-miscellaneous and J-miscellaneous: includes V.C. Illing, M.E. Jackson, [G?] Johnston, and C.G. Johnstone.  
April 8, 1936 - July 3, 1947.
27. H.C.W. Johnston: correspondence and cablegrams regarding operation of Project 1234.  
May 20, 1943 - September 11, 1945.  
Includes a definition of the code used in cablegram.
28. H.C.W. Johnston/Vos Case involving S.M. Blair: minutes of meetings, memoranda.  
April 4 - August 31, 1944.
29. K-miscellaneous: includes L.W. Kennedy, R.B. Kerr and H.G. Kugler.  
June 25, 1938 - October 9, 1946 (with gaps).
30. J.E. Keel: references to completion of Project 1234.  
November 4, 1940 - March 24, 1942.
31. L-miscellaneous: includes A. Linell and E.L. Lomax.  
July 15, 1940 - April 26, 1945.
32. Labour: regarding job opportunities for technically trained black workers in the United States and Trinidad.  
June 20 - August 26, 1941.
33. J.A. Lindsay: includes memoranda on the Port Credit refinery programme and crude oil prices.  
March 19, 1936 - February 19, 1948 (with gaps).
34. M-miscellaneous: includes W.L. Martwick, Edith Mead, N.A. Miller and others.  
July 10, 1935 - March 8, 1948.  
Included in E. Mead's letters are extracts from minutes of the Executive Committee meeting of Trinidad Leaseholds, (February, 1948).

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 16 (continued)

35. G. Mardall: includes memoranda comparing refining costs of imported and local crude oil.  
April 19, 1941 - February 19, 1948.
36. F.L. Melvill: regarding contracts with Shell Oil and Universal Oil Products Company, plant operations and personnel.  
January 15, 1935 - March 24, 1942.  
Includes a negative copy of an agreement between Trinidad Leaseholds and Universal Oil Products Company (April 2, 1941).
37. N-miscellaneous: includes E.F. Nelson, F.O. Newton and H.K. Nieuwenhuis.  
November 19, 1940 - June 27, 1947 (with gaps).
38. P-miscellaneous: includes R. Palmer, J. Parker, P.N. Pitcher.  
April 14, 1936 - June 20, 1947 (with gaps).
39. Phillips Petroleum Company: copy of agreement relating to natural gas sales with Trinidad Leaseholds, and reports of meetings and telephone conversations.  
April 21 - June 2, 1941.
40. Project 1234: regarding suggested changes to be made in description or wording that accompanied the Project film.  
October 4, 1941.
41. Project 1234: rough notes, draft of letters regarding pension, Canadian currency and expenses and a typed summary of the stages of development of the Project to December 31, 1941 when control was transferred to Trinidad [Leaseholds] Management.  
April 2, 1940 - July 16, 1945.
42. R-miscellaneous: includes J.A. Reynolds, T. Robinson, R. Rosefield, R.P. Russell and A.J. Ruthven-Murray.  
April 15, 1941 - July 18, 1947.
43. Refinery staff: includes draft copy of notes on positions and length of employment and a handwritten note on age and salary of four employees.  
February 26 - March 9, 1948.
44. Refining Costs, October 1946 - January 1947: detailed reports.  
February 14-16, 1948.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 16 (continued)

45. J.T.T. Robinson: regarding construction, operation and costs of Project 1234 and S.M. Blair's expense and personal accounts.  
July 4, 1940 - August 6, 1943.
46. S-miscellaneous: includes G.H. Simpson, Brigadier R.J. Stokes, A.L. Struven and others.  
March 19, 1936 - June 15, 1948.
47. Sir Henry Self, Director General of the British Air Commission.  
April 25, 1941 - January 6, 1942.
48. Shell Oil Company: regarding agreements and visits to various units of the Shell Oil Refinery.  
December 10, 1940 - August 25, 1941.
49. C. Stribling Snodgrass, Petroleum Coordinator of the United States Department of the Interior.  
May 20, 1940 - March 17, 1942.
50. Stove and Webster Engineering Corporation: copies of letter to Anglo-American Purchasing Company Incorporated, draft agreement and proposal and contract for work on Project 1234.  
May 21-31, 1940.
51. T-miscellaneous: includes E.J.M. Tait, Air Marshall A.W. Tedder and J.S.D. Tory.  
July 10 - October 4, 1947.
52. Texpet (Texas Petroleum Company): summary of meetings with Trinidad Leaseholds Limited, memoranda and agreement on crude oil processing charges and two letters from J.A. Lindsay.  
May, 1947 - April, 1948.
53. H.W. Thompson case involving S.M. Blair: regarding a misunderstanding of S.M. Blair's attitude at a meeting.  
May 14 - 18, 1948.
54. Trilease/Trinmarket: telegrams regarding shipment of oil and gas.  
May 23 - March 18, 1948.
55. Trimpell Limited: minutes of Board of Directors meetings and a letter confirming S.M. Blair's resignation from the Board on February 18, 1949.  
September 7, 1940 - February 19, 1942.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/1 Business Correspondence

Box 17

56. Trinidad Leaseholds Limited: memorandum, draft notes of meetings held in London, July 19, 1940 and in 1948-49, references to Project 1234, expense accounts and a list of the papers S.M. Blair brought from England and Trinidad.  
April 1, 1940 - 1949.
57. W.L. Tweedie: regarding his work with Trinidad Leaseholds and production of 100 octane gasoline.  
April 20, 1936 - September 7, 1943.
58. W-miscellaneous: includes R.C. Wallace and R. Weaver.  
November 17, 1936 and April 23, 1940.
59. E. Yeates: copies of letters sent to E. Yeates and a copy of the minutes of discussions at Port Credit, March 1, 1948.  
July 21, 1947 - March 6, 1948.

MG 46/2/3/2 Administration

1. Minutes of Main Committee and Technical Sub-Committee, personal memoranda and notes, reports and covering letters, notes on telephone conversations and equipment design, all marked "Secret" and originally contained in a looseleaf binder.  
August 2, 1938 - March 8, 1940.
2. Miscellaneous: includes memoranda, notes on reports and discussions regarding Project 1234, sketch of the Plein Palais area, flow diagram of topping unit, record of S.M. Blair's travels from April 1940 to August 1941, application for French visa and rough notes.  
March 14, 1940 - September 1944.
3. Index to Project 1234 files: property of the Anglo-American Purchasing Company Incorporated; revised.  
February 20, 1942.

MG 46/2/3/3 Reports and References

1. Annual Report: from S.M. Blair to F.L. Melvill for year ending June 30, 1928; includes one letter and covering letter.  
June 9 - August 27, 1928.
2. Annual Report: from S.M. Blair to F.L. Melvill for year ending June 30, 1929; with covering letter.  
August 17, 1929.



MG 46/2/3    Trinidad Leaseholds Limited

MG 46/2/3/3   Reports and References

Box 17 (continued)

3.    Annual Report of the Research Department: from A.G. Berry to S.M. Blair for year ending June 30, 1929.  
      July 15, 1929.
4.    Annual Report of the Technical Departments: from S.M. Blair to F.L. Melvill for year ending June 30, 1930; 2 copies with covering letters.  
      July 31, 1930.
5.    Progress Reports, Monthly: from David Bean to S.M. Blair.  
      December 4, 1928 - July 31, 1930.
6.    Progress Reports, Monthly: from S.M. Blair to F.L. Melvill and to H.C.W. Johnston.  
      January 31, 1929 - August 9, 1930.

Box 18

Project 1234: Progress Reports, General, from S.M. Blair to A.J. Brett;  
bound with index [i.e. table of contents]:

7.    -mid-July 1940.
8.    -end-August 1940.
9.    -mid-October 1940.
10.   -end November 1940.
11.   -mid-January 1941.
12.   -end-February 1941.
13.   -mid-April 1941.
14.   -end-May 1941.
15.   -mid-July 1941.
16.   -end-August 1941.
17.   -mid-October 1941.
18.   -end-November 1941.
19.   Project 1234: Progress Reports, Part I, Summary, from S.M. Blair to A.J. Brett; bound with index [i.e. table of contents].  
      mid-July 1940 to end-November 1941.
20.   Project 1234: Progress Report, Summary: financial statements regarding the commitments, payments and ocean freight in Canadian and United States purchases; bound.  
      [October 30, 1940] - February 28, 1942.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/3 Reports and References

Box 20

Subject Reports based on asphalts from Trinidad Oils prepared by A.G.V. Berry for F.L. Melvill (#1-9) and B.G. Banks (#10-11).

21. #1 Straight-Run Asphalts, May 2, 1932.
22. #2 Straight-Run Asphalts, May 24, 1932.
23. #3 Straight-Run and Air-Blown Asphalts, June 4, 1932.
24. #4 Air-Blown Asphalts, June 16, 1932.
25. #5 Blends of Straight-Run and Air-Blown Asphalts, July 30, 1932.
26. #6 The Effects of Aging; Ductility; Properties of Market Samples; Comparison of Our Asphalts with Market Products, October 17, 1932.
27. #7 Preparation of Specification Asphalts; Shipment of Asphalts in Bulk; October 29, 1932.
28. #8 Comparison of Crude Crude Oil Steam-Distillation Residues with Corresponding Asphalts from Other Crude Oils, October 31, 1932.
29. #9 Study of the Possibilities of Producing Marketable Asphalts by Blending Straight-Run and Air-Blown Asphalts, November 22, 1932.
30. #10 Asphalts for Lining and Wrapping Water Pipes, April 19, 1933.
31. #11 Asphalts for Lining Water Pipes, July 10, 1933.
32. Subject Report: "Statement of net Canadian sales by Company and by Province of asphalt and various gasolines and oils." 1940 - 1942.
33. Subject Report: "Report of the Refinery Postwar Planning Commission, Parts I and II" by Trinidad Leaseholds Limited and Universal Oil Products Limited; bound. November, 1945.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/3 Reports and References

Box 20 (continued)

34. Subject Report: Report of the Refinery Postwar Planning Commission, Part III A" by Trinidad Leaseholds Limited and Universal Oil Products Limited; bound, with table of contents.  
November, 1945.
35. Subject Report: "Report of the Refinery Postwar Planning Commission Part III B" by Trinidad Leaseholds Limited and Universal Oil Products; bound with table of contents.  
November, 1945.
36. Subject Report: "Cost Studies and Description of Sulfonation and Neutralization Plant" by D.H. Belden.  
March 26, 1948.
37. Subject Report: "Survey of Refinery Sites in the United Kingdom."  
July - August, 1948.
38. Reference: "Comparison of Yield Summaries" between Trinidad Leaseholds' crude oil and that of Texas Company; photographic copy.  
n.d.
39. Reference: notes on the hydroforming process, based on the M.W. Kellogg report and brief notes on lubricating oil and its production.  
n.d. and January 22, 1935.
40. Reference: "Survey of Colored People Professionally Trained in Technical Field" by S.M. Blair; related reprints, publications, letters and photocopies of articles from Urban Leagues in various cities regarding employment of black technicians and photocopies of articles.  
1935 - August 26, 1941.
41. Reference: Universal Oil Products Company's design questionnaires, specifications and requisitions relating to Project 1234.  
1940-1941.
42. Reference: Universal Oil Products Company's research on castor oil; photocopy of article.  
February 14, 1941.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/4 Personal Correspondence

Box 21

1. Cables regarding Mrs. Blair's health and the birth of daughter, Mona, in 1934; letter to S.M. Blair about man claiming to be able to solidify petrol; and letters to Mr. and Mrs. Blair prior to their departure from England.  
December 22, 1933 - February 16, 1939.
2. Tannerswood: correspondence with T. Baines regarding rent repairs and taxes on the house.  
April 19, 1933 - December 16, 1940.
3. Tannerswood: correspondence chiefly with Anthony Linell regarding leasing of the house, insurance and maintenance.  
January 10, 1941 - May 30, 1946.
4. United States entry and exit papers: correspondence, cables, negative copies of documents including general power of attorney in favour of Nettie Russell Blair.  
March 31, 1937 - June 5, 1945.
5. Letters of congratulations, thanks and sympathy to friends and associates of Trinidad Leaseholds Limited.  
August 8, 1940 - March 11, 1942.
6. Departure from Trinidad Leaseholds Limited: letters from and copies of letters to associates.  
April 8, 1946 - May 14, 1949.
7. Miscellaneous correspondence regarding house and office supplies, invitation to inspection of Manchester Ship Canal and incoming personal letters.  
October 7, 1936 - March 9, 1949.
8. Miscellaneous, including poems, "Life in McKee Camp in Trinidad" and reprints regarding World War II and two denunciations of Charles Lindberg.  
June 1, 1940 - October 1, 1941.

MG 46/2/3/5 Personal Finances

1. Expense accounts: correspondence, statements, receipts, rough notes.  
November, 1933 - December 31, 1942.
2. Expense accounts: correspondence, statements, and receipts.  
January 12, 1943 - December 18, 1944.

MG 46/2/3 Trinidad Leaseholds Limited

MG 46/2/3/4 Personal Finances

Box 21 (continued)

3. Expense accounts: correspondence, statements, receipts and rough notes.  
January 5, 1945 - March 7, 1949.
4. Income Tax: correspondence regarding taxes in Great Britain and the United States.  
August 17, 1940 - April 21, 1948 (with gaps).
5. Insurance: correspondence and statements relating to insurance and pension.  
March 24, 1937 - March 9, 1949.
6. Correspondence, statements, transfer of funds and banking transactions related to S.M. Blair's travels and his return to Canada.  
May 23, 1936 - July 21, 1949.
7. Miscellaneous: including statements and receipts for airline tickets, hotel accommodations and sundry purchases.  
February 2, 1933 - June 8, 1946.

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/1 Business Correspondence

Box 22

1. General: A-G including C.H. Alberding, J.G. Alther, Brigadier M. Archer, J.P. Christian, W.G. Foster, P.E. Gishler and others.  
June 14, 1939 - August 16, 1974.
2. General: H including Sir H. Hartley, W.B. Heaton, Sir R. Holroyd, J.A. Hulme and others.  
November 8, 1948 - December 28, 1973.
3. General: J-N including Dr. H. Kugler, A. Linell, W. Malcolm Brown, E.G.C. Mardall, Miss E. Mead, E. Nelson, F. Newton and others.  
March 11, 1948 - December 28, 1972.
4. General: P-Y including J.S. Parker, E.C. Scott, C.S. Snodgrass, A.L. Struven.  
December 28, 1948 - April 4, 1972.
5. S.D. Bechtel Sr.: mainly personal.  
January 23, 1952 - November 17, 1980.

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/1 Business Correspondence

Box 22 (continued)

6. S.D. Bechtel Jr.  
April 27, 1954 - March 15, 1974.
7. Bechtel Corporation and Bechtel International Corporation: including L.E. Anderson, R.W. Boeginger, R.C. Bransfield, R.L. Bridges, G.E. Buchanan, G.S. Colley Jr., R.M. Dorman.  
October 7, 1949 - March 11, 1974.
8. Bechtel Corporation and Bechtel International Corporation: including H.W. Heap, J.R. Kiely, I. Leviant, J.R. McAuliffe, E.J. Mahoney Jr. and others.  
March 16, 1951 - November 27, 1973.
9. Bechtel Executives: A-K.  
October 26, 1949 - December 24, 1974.
10. Bechtel Executives: L-Y.  
July 22, 1952 - September 18, 1974.
11. Canadian Bechtel Limited: A-Y.  
February 18, 1952 - December 29, 1974.  
Includes copies of correspondence between Bruce F. Willson, R.L. Bridges and H. Waste regarding Mackenzie Valley Pipe Line Research Limited.
12. Canadian Bechtel Limited: P-W: including R.H. Paul, D.L. Roberts, J.L. Simpson, W.E. Waste and L.C. Wright.  
October 7, 1949 - October 11, 1974.
13. Canadian Bechtel Limited, Toronto Office: correspondence with S.M. Blair's secretary, guest list for Annual Dinner (1955-1974 with gaps) and telegrams.  
June 19, 1950 - December 5, 1974.
14. Members of Government: including the Right Honourable C.D. Howe, the Right Honourable Mitchell Sharp, the Honourable E.C. Manning, the Honourable Bruce Beer, the Honourable George Drew, the Honourable H.E. Strom, the Honourable N.E. Tanner, the Honourable Robert Winters, R.D. Howland, and others.  
July 11, 1951 - December 20, 1973.
15. Election to Board of Directors and to President of Canadian Bechtel Limited: congratulations and acknowledgements.  
January 9, 1953 - March 1, 1954.

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/1 Business Correspondence

Box 22 (continued)

16. Election to the Board of Bechtel Corporation (1957) and to Vice Chairman of Board of Directors (1965): congratulations and acknowledgements.  
September 9, 1957 - February 4, 1958.  
May 10 - July 15, 1965.
17. Election to Chairman of Board of Canadian Bechtel Limited: congratulations and acknowledgements.  
November 26, 1971 - January 13, 1972.
18. Official retirement: correspondence and news releases.  
January 2 - March 1974.

Box 23

19. Air Canada Inaugural Flight to Moscow (1967): correspondence, S.M. Blair's diary (20 pages) and photographs.  
April 26, 1967 - May 31, 1986.  
Includes an album of 21 black and white photographs of guests, 10 cm x 12 cm, issued by Air Canada.
20. Moscow Trip: correspondence, travel kit brochures and a copy of a report on a Russian trip in 1964 by Elizabeth F. Smith.  
May 19 - July 24, 1967.
22. Canadian Bechtel Christmas cards: orders and samples.  
1955 - 1968.  
Includes cards of the Canadian Nuclear Association when S.M. Blair was President.
23. Miscellaneous: including handwritten draft letter from Bechtel-Mannix to Union Gas Company; draft typed copy of telephone conversation regarding the possible purchase of Beach, Ottawa; rough notes and itinerary.  
n.d. and 1969.

MG 46/2/4/2 Administration

1. Policy: correspondence and memoranda.  
February 23, 1950 - September 13, 1954.  
Includes a certificate of appreciation of S.M. Blair's services on completion of the Trans Mountain Oil Pipeline (December, 1953); and three copies of an agreement between Bechtel Corporation and S.M. Blair, not signed by the latter.  
(January, 1954).

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/2 Administration

Box 23 (continued)

2. Policy: correspondence and lists of directors and management group. June 1, 1956 - December 15, 1972.  
Includes suggestions on more advantageous utilization of Canadian Bechtel Limited.
3. Consulting Services Agreement between S.M. Blair and Canadian Bechtel Limited: signed and unsigned copies of agreement, correspondence and monthly statement of consulting fees. February 4 - September 5, 1969.
4. Candu Reactor Development: correspondence with W.K. Davies of Bechtel Corporation; text of speech presented at Canadian Nuclear Association Conference in Montreal by W.K. Davies and notes of meeting. June 10 - August 12, 1969.
5. Copies of management and interoffice memoranda and announcement of meetings. 1961 and December 14, 1973 - December 1979.
6. Antitrust litigation filed against Bechtel by the United States Department of Justice over the breaking of the Arab boycott: copies of documents and correspondence. April 26, 1976 - January 31, 1977.
7. Text of S.M. Blair's speech at Bechtel Christmas Party. December 1960.
- 8-21. Appointment books. 1954 - 1967.
22. Bechtel telephone directories, international and Toronto and two brochures. 1973, 1976, 1978-79.

MG 46/2/4/3 Projects, Publications and References

Box 24

1. Submission to the Borden Royal Commission on Energy by Canadian Bechtel Limited, bound; with three related letters (May 20, July 10 and 16, 1958). July, 1958.



MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/3 Projects, Publications and References

Box 24 (continued)

2. Bechtel International Project, Milford Haven Refinery official opening: guest pass, programme, guest list, Christmas card and newsletter.  
August 10, 1968 and December, 1968.
3. "Report on Synthetic Liquid Fuel Plants" and correspondence containing references to Churchill Falls and Great Canadian Oil Sands Plant.  
February 26, 1953 - February 2, 1968 (with gaps).  
Includes a letter from K.A. Clark with reference to the Fort McMurray oil sands and his contribution to their development.  
(October 18, 1966).
4. Canadian Oil Companies Limited, Alberta: correspondence, telegrams and programme relating to the official opening of the refinery near Bowden on June 20, 1961.  
November 18, 1960 - June 28, 1961.
5. University of Toronto, Medical Sciences Building: "Illustrations of Design and Construction", brochure in spiral binding.  
1969.
6. Churchill Falls Project: progress report in spiral binding and invitation and brochure on its completion.  
December, 1973 and May 12, July 8, 1975.
7. James Bay Project, Bechtel Quebec Limitee: copies of staff resumes, general plan, newspaper clippings.  
May 14, 1975 - August 18, 1976.
8. Mailing lists and acknowledgements to R.H. Paul for brochure on the Syncrude facility, "Reclaimed Energy" (brochure not included); copy of the "Executive Summary of the Proposal for Lower Churchill Project Study," with covering letter from R.H. Paul.  
January 4 - March 12, 1979.  
Included is the medallion struck to commemorate the official opening of The Syncrude Project, Fort McMurray (1978).
9. International Industrial Conference: invitation, itinerary, list of participants.  
July 25 - September 20, 1973.

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/3 Projects, Publications and References

Box 24 (continued)

10. World Energy Conference, Detroit (September 22-27, 1974): registration, programme, correspondence, photographs of participants and copy of "Bechtel Briefs."  
December 18, 1973 - October 17, 1974.  
[Photographs are of H.E. Sheikh Ahmed Zaki Yamani, President Gerald Ford, and S.D. Bechtel, Jr.]
11. Publications: S.M. Blair and Ian G. Wahn, "Canadian Oil Production and Transportation," a paper presented at the Annual Meeting of the American Petroleum Institute (1952), two reprints from The Petroleum Engineer, and an abstract of the same paper; S.M. Blair and D.L. Roberts, "Trans Mountain Oil Pipeline," two copies reprinted from The Engineering Journal.  
September, 1952 - February, 1953.
12. Publications: S.M. Blair, "Pipelines in Canada," a lecture for the Royal Canadian Institute, Toronto; a map and six photographs have been reproduced and added to the text; in spiral binding.  
February 9, 1956.
13. Reference: Stephen D. Bechtel Jr., "Civil Engineering in Pipelining," two copies of the text of a speech to the American Society of Civil Engineers.  
February 15, 1956.
14. Reference: five publications by Sir Harold Hartley, FRS, or his company, and a biographical booklet issued on his winning the Hoover Medal (1968).  
1958 - 1968.  
A covering letter from Sir Harold dated April 5, 1960 is included.
15. Reference: H.R.H. The Duke of Edinburgh's Second Commonwealth Study Conference; covering letter.  
May 13 - June 6, 1962.
16. Reference: Independent Petroleum Association of Canada, "State of Industry Address to Federal Cabinet," with covering letter from S.R. Blair.  
November 1968 and January 10, 1969.

MG 46/2/4/4 Personal Correspondence

1. Alberta: including A.B. Jackson, H.R. Milner, Dr. R.J. Morrow, H. LeM. Stevens Guille and others.  
January 6, 1948 - May 29, 1975.

MG 46/2/4 Canadian Bechtel Limited

MG 46/2/4/4 Personal Correspondence

Box 24 (continued)

2. American: including G.H. Freyermuth, N.R. Sutherland and others.  
September 6, 1949 - August 23, 1974.
3. Great Britain: including H.S. Aspinall, D.G. Brown, Edith Dichter, J. Heather, S. Holmes King, W.B. Mitford, L.H. Short, Sir Philip Southwell, E. and J. York and others.  
February 25, 1949 - November 28, 1974.  
S.R. Blair's letter of October 3, 1951 to E. Dichter contains an outline of the First Oil Sands Conference; J. Heather's letter dated February 25, 1949 contains a tribute to S.M. Blair and references to his work during World War II.
4. Ontario, A-D: including W.M.V. Ash, S.G. Bennett, H. Borden, R. Crawford and others.  
June 16, 1952 - December 28, 1973.
5. Ontario, E-M: including B.V. Elliot, E.T. Godwin, K. Jamieson, Professor G. Langford, R.D. McDade and others.  
April 26, 1949 - December 2, 1974.
6. Ontario, P-W: including A.C. Plewes, W.H. Rea, J.P. Wadsworth and others.  
May 23, 1949 - October 11, 1974.
7. Miscellaneous, A-D.  
May 14, 1945 - October 11, 1974.  
S.M. Blair's letter to A.A. Bruneau of Memorial University contains comments on development in Newfoundland (October 11, 1974).
8. Miscellaneous, E-M.  
January 11, 1950 - January 3, 1981.  
Includes information on Lakeland Pipe Line Company Incorporated.
9. Miscellaneous, N-Y.  
June 7, 1950 - December 10, 1974.  
Includes correspondence regarding Trans Mountain Oil Pipe Line Company.

Descriptive Inventory of Photographs

MG 46/2/5 Photographs

MG 46/2/5/1 Personal Photographs

[All photographs are unmounted unless otherwise stated.]

U.P.: unique print, no negative.

1. U.P. (col.) S.M. Blair and three unidentified men at a social gathering.  
n.d. 11.5 cm x 13 cm.
2. U.P. (col.) S.M. Blair and two unidentified children.  
n.d. 8 cm x 11.5 cm.
3. U.P. (col.) S.M. Blair standing amid tall poinsettias in Portugal.  
n.d. 8 cm x 8 cm.
4. U.P. (col.) S.M. Blair and unidentified young woman in front of stone fireplace.  
n.d. 8 cm x 8 cm.
5. U.P. (col.) S.R. and Lois Blair on horseback at stream.  
n.d. 8 cm x 9 cm.
6. U.P. (col.) S.R. Blair with son and daughter.  
n.d. 5.5 cm x 8 cm.
- 7-10. U.P. (col.) Grandsons at Highland Farm.  
n.d. Sizes vary.
11. U.P. (col.) Tom; Derek and Mark [Bandeem] at Highland Farm.  
[ca. 1970]. 8 cm x 11.5 cm.
12. U.P. (col.) Golf club house.  
[ca. 1970]. 8 cm x 11.5 cm.
13. U.P. (col.) Two grandsons on observation platform of train.  
n.d. 12.5 cm x 18.5 cm.
14. U.P. S.M. Blair, T.E. Bradstock, T. McTurk, E.L. Lewis, L.C. Lewis. William Doig, Glasgow, Scotland.  
n.d. 15.5 cm x 20 cm.
15. Original Print. Silhouette of S.M. Blair.  
February 17, 1939, by Nancy Van Court, New York.  
16 cm x 24 cm.  
Mounted. Autographed by friends.

MG 46/2/4 Photographs

MG 46/2/5/1 Personal Photographs

16. U.P. S.M. Blair (right) and Nettie R. Blair (left) at Oil Industries Gala Night in Banff with unidentified couple.  
[1960s]. 12 cm x 16.5 cm.
17. U.P. Nettie Blair and two unidentified women at Oil Industries Gala Night in Banff.  
[1960s]. 12 cm x 16.5 cm.
18. U.P. (col.) S.M. Blair, Mrs. S.D. Bechtel Sr., Mr. S.D. Bechtel Sr., Mrs. S.M. Blair, Mrs. Jean Borden and Mr. Borden beside Bechtel plane on runway.  
[1960s]. 8 cm x 11.5 cm.
19. U.P. (col.) Mr. and Mrs. S.M. Blair and Mr. and Mrs. Borden beside Bechtel plane.  
[1960s]. 8 cm x 11.5 cm.
20. U.P. (col.) Mr. S.M. Blair, Mrs. Nettie Blair, Mr. and Mrs. S. D. Bechtel, Mrs. Borden, and Mr. Borden.  
[1960s]. 8 cm x 11.5 cm.
21. U.P. (col.) Mrs. Jean Borden beside ocean.  
[1960s]. 8 cm x 11.5 cm.
22. U.P. (col.) "1st Bridge Bechtel Co. ever built on California Highway".  
[1960s]. 8 cm x 11.5 cm.
23. U.P. (col.) Bechtel house on Cypress Point, with Mrs. Borden in foreground.  
[1960s]. 8 cm x 11.5 cm.
24. U.P. (col.) S.D. Bechtel Sr., Mrs. Borden, Mrs. Blair and Mrs. Bechtel in front of California monastery.  
[1960s]. 8 cm x 11.5 cm.
25. U.P. (col.) Monastery on California coast, Mrs. Blair standing, facing camera.  
[1960s]. 8 cm x 11.5 cm.
26. U.P. (col.) Monastery on California coast.  
[1960s]. 8 cm x 11.5 cm.
27. U.P. Mona and Robert Bandeen and two sons.  
[1960s]. Gibson [Gashier?]. 18.5 cm x 24 cm. Mounted.

MG 46/2/5 Photographs

MG 46/2/5/1 Personal Photographs

28. Album, "Visit to London - September 1966", containing twenty photographs taken by the Bechtel photographer at various events during the Directors' and Management Meetings. Introduction and captions were prepared by G.E. "Buck" Buchanan and include photographs of fashion shows, luncheons and Eleanor Buchanan entertaining guests at her house. "Nettie and Sid Blair" on album cover; photographs approximately 15 cm x 20 cm.
- 29-46. U.P. (col.) Views of Moscow.  
June 5-13, 1967. 8 cm x 8 cm. Captioned on back.
47. U.P. Canadian businessmen "Relaxing on the Russian Riviera".  
June, 1967. Air Canada Photo. 19 cm x 21.5 cm. Men are identified on typed enclosure.
48. U.P. Canadian businessmen at Moscow airport.  
June 1967. [Air Canada Photo].  
19 cm x 21.5 cm. No identification.
49. U.P. (col.) S.M. Blair and Nettie R. Blair, outdoors.  
[before 1974]. Gerald Campbell, [Toronto]. 19.5 cm x 24 cm.  
Mounted.
50. U.P. (col.) S.M. Blair and Mrs. S.D. Bechtel Sr. (Laura).  
August 1974. Robert B. Stinnett, Oakland, California. 12 cm x 17.5 cm.
51. U.P. (col.) S.M. Blair in cap and gown following awarding of honorary degree from Memorial University, St. John's, Newfoundland with ["the three Bobs"] S.R. Blair, R.H. Paul, R.A. Bandeen.  
May 18, 1974. John Martin, ETV Centre, Memorial University.  
19 cm x 24.5 cm.
52. U.P. (col.) S.M. Blair in cap and gown following awarding of honorary degree from Memorial University, St. John's, Newfoundland, with three of his grandsons.  
May 18, 1974. John Martin, ETV Centre, Memorial University.  
19 cm x 24.5 cm.
53. U.P. (col.) S.M. Blair in cap and gown following awarding of honorary degree from the University of Alberta.  
May 30, 1975. 11 cm x 16 cm. Mounted.
54. U.P. (col.) S.M. Blair in academic gown (University of Alberta) with [his sister, May Mackie].  
May 30, 1975. 11 cm x 16 cm. Mounted.

MG 46/2/5 Photographs

MG 46/2/5/1 Personal Photographs

55. U.P. (col.) S.M. Blair in cap and gown (University of Alberta) with Mr. and Mrs. S.R. Blair and their two sons and daughter.  
May 30, 1975. 11 cm x 16 cm. Mounted.
56. U.P. (col.) S.M. Blair in academic gown (University of Alberta) with daughter, Mrs. R.A. Bandeen (Mona).  
May 30, 1975. 11 cm x 16 cm. Mounted.
57. U.P. (col.) S.M. Blair in cap and gown (University of Alberta) with family and friends.  
May 30, 1975. 11 cm x 16 cm.  
Left to right: 3 grandchildren, unknown, Lois Blair, S.R. Blair, R. Bandeen, Mona Bandeen, unknown, unknown, [Mrs. Paul?], R.H. Paul.  
Seated: [May Mackie sister, May Kinnear (sister-in-law)].
58. U.P. S.M. Blair with certificate from the Professional Engineers of the Province of Ontario and son, S.R. Blair, holding his father's gold medal.  
June 6, 1975. 20 cm x 24.5 cm. Mounted.
- 59-61. U.P. (col.) Photographer's proofs of S.M. Blair in different poses in front of map of Quebec and Labrador.  
[1975-1976]. Gerald Campbell Studios [Toronto]. 11.5 cm x 12 cm.
62. U.P. S.M. Blair receiving honorary degree from the University of Waterloo; [Registrar C.T. Boyes on left and Chancellor C.A. Pollock on right].  
May 28, 1977. 12 cm x 17 cm.
63. U.P. S.M. Blair signing register following awarding of honorary degree at the University of Waterloo, and Registrar.  
May 28, 1977. 12 cm x 17 cm.
64. U.P. S.M. Blair giving Convocation Address at University of Waterloo.  
May 28, 1977. 12 cm x 17 cm.
65. U.P. S.M. Blair, Chancellor C.A. Pollock on his right and 2 unidentified men.  
May 28, 1977. 12 cm x 17 cm.
66. U.P. (col.). Photograph of painting of S.M. Blair wearing turtleneck sweater.  
[ca. 1979]. 12.5 cm x 17.5 cm.
67. U.P. (col.) Photograph of painting of S.M. Blair in jacket and ascot.  
[ca. 1979]. 12.5 cm x 17.5 cm. Two copies.

MG 46/2/5 Photographs

MG 46/2/5/1 Personal Photographs

68. U.P. (col.) Framed photograph of painting of S.M. Blair in jacket and ascot.  
[ca. 1979]. 11 cm in diameter. In circular wooden frame.
69. U.P. (col.) Chris and Lucy Behr, in Portugal.  
n.d. 9 cm x 13.5 cm.
70. U.P. Sir Harold Hartley, his wife and dog in the garden in England; on a Christmas card.  
[ca. 1969]. 9 cm x 13 cm. Mounted. Contains personal message.
71. U.P. Photograph of a painting of "Brig. Gen. Sir Harold Hartley, G.C.V.O., C.H., C.B.E. M.C., F.R.S., Prime Warden 1941 - 1942".  
January 24, 1971. Issued by the Central Electricity Generating Board, London, England. 15.5 cm x 20.5 cm. Message on back.
72. U.P. (col.) "Dermot and I" [Dr. and Mrs. O'Sullivan, Calgary].  
August 31, 1974. 8.5 cm x 12 cm.
73. U.P. (col.) "Gerry O'Sullivan, aged 8".  
August 31, 1974. 8.5 cm x 12.5 cm.
74. U.P. (col.) Christmas outdoor display at [Cedar Mains].  
n.d. 7.5 cm x 11.5 cm.
- 75-79. U.P. (col.) Views of the Blair ranch near Calgary showing house, barn and other buildings and livestock.  
n.d. 8 cm x 11.5 cm.
80. C.P. Dewberry, Alberta, cemetery showing family plot and headstones of S.M. Blair's parents.  
1963. [James McDowall]. 7.5 cm x 11.5 cm. Two copies.  
  
Negative of above, 1963, 7.5 cm x 11.5 cm.
81. C.P. Dewberry, Alberta, cemetery showing family plot and headstones of S.M. Blair's parents (Robert F. and Mary A.).  
1963. [James McDowall]. 7.5 cm x 11.5 cm. Two copies.  
  
Negative of above. 1963. 7.5 cm x 11.5 cm.
82. Press Photograph (col.). Aerial view of Dewberry, Alberta.  
n.d. McPhail, North Battleford. 17.5 cm x 23.5 cm. Three copies.
- 83-84. U.P. (col.) Two copies of exterior of the Dewberry Valley Museum.  
August, 1975. 8 cm x 11.5 cm. S.M. Blair and 2 others in doorway.



MG 46/2/5 Photographs

MG 46/2/5/1 Personal Photographs

- 85-86. U.P. (col.). Two views of interior of the Dewberry Valley Museum.  
August, 1975. 8 cm x 11.5 cm. Underexposed.
87. U.P. (col.) School at Dewberry.  
August, 1975. 8 cm x 11.5 cm.
88. U.P. (col.) Street in Dewberry.  
August, 1975. 8 cm x 11.5 cm.
89. U.P. (col.) Gravestone of John Frederick Blair in Dewberry  
Cemetery.  
August, 1975. 8 cm x 11.5 cm.
90. U.P. (col.) Gravestones of the Blair family in Dewberry cemetery;  
S.M. Blair standing in background.  
August, 1975. 8 cm x 11.5 cm.
- 91-93. U.P. (col.) Three views of old farmhouse, presumably Blair family  
home, with S.M. Blair in front yard.  
August, 1975. 8 cm x 11.5 cm.
94. U.P. (col.) Rural view: grain elevators in background.  
August, 1975. 8 cm x 11.5 cm.
95. U.P. (col.) The pysanka at Vegreville, Alberta.  
August, 1975. 8 cm x 11.5 cm.
- 96-98. U.P. (col.) Three views of dams at Churchill Falls, Labrador.  
[ca. 1975] 8.5 cm x 12.5 cm.

MG 46/2/5/2 Business Photographs

1. U.P. "Alberta Research Council Pilot Plant in Clearwater River".  
1929 - 1930. 7 cm x 12 cm.
2. U.P. "Alberta Research Council Pilot Plant on Clearwater River;  
Waterways shipyard upper left".  
1929 - 1930. 8 cm x 13.5 cm.
3. U.P. "Alberta Research Council Sawmill on Clearwater River".  
1929 - 1930. 8 cm x 13.5 cm.
4. U.P. "Tar sand exposures with Devonian 1st below" [on Athabasca  
River].  
n.d. 8 cm x 13.5 cm.

MG 46/2/5      Photographs

MG 46/2/5/2   Business Photographs

5. U.P. "Limestone bluffs down around McKay" [sic] [on Athabasca River].  
n.d. 8 cm x 13.5 cm.
6. U.P. "Evidence of oil sands on Athabasca River".  
n.d. 8 cm x 13.5 cm.
7. U.P. "Provincial Government Separation Plant (Oil Sands Ltd.)"  
n.d. 8 cm x 13.5 cm. Showing: cottages for staff, bunkhouses, cookhouse, office and laboratory and warehouse. Buildings are identified on reverse.
8. U.P. [Provincial Government Separation Plant (Oil Sands Ltd.)].  
n.d. 8 cm x 12 cm. Showing: warehouse, machine shop, power plant, saw mill and refinery stacks. Buildings are identified on reverse.
9. U.P. [Provincial Government Separation Plant (Oil Sands Ltd.)].  
n.d. 8 cm x 12 cm. Showing: refinery pump house, storage bin and Fitzsimmons's old camp and plant. Buildings are identified on reverse.
10. U.P. "Separation Plant" [Oil Sands Ltd.].  
n.d. 8 cm x 12 cm.
11. U.P. "Refinery area" [Oil Sands Ltd.].  
n.d. 8 cm x 12 cm. Showing: 2 pipe stills, one for dehydration and one for heating [dug?] oil.
12. U.P. "Refinery pump house".  
n.d. 8 cm x 12 cm.
13. U.P. "Refinery Area" [Oil Sands Ltd.].  
n.d. 8 cm x 12 cm.
14. U.P. "Present type of power boat on River --- with wooden barge".  
n.d. 8 cm x 12 cm.
15. U.P. Power boat and barge, "McKay [sic] in distance".  
n.d. 8 cm x 12 cm.
16. U.P. "Dogs at McKay [sic] being fed oatmeal and dog food".  
n.d. 8 cm x 12 cm.
17. U.P. Overlooking McKay [sic] River valley, along trail to Moose River.  
n.d. 8 cm x 12 cm. Two men were not identified.

MG 46/2/5 Photographs

MG 46/2/5/2 Business Photographs

18. U.P. Karl A. Clark beside automobile in Trinidad.  
1937. 7.5 cm x 13 cm. Two copies, one of which has been cropped at the lower edge.
- 19-23. U.P. 35 mm slides (col.) "English People".  
n.d. S.M. Blair's notes in enclosed envelope identify Trix and Jimmy [sic] Parker and son, Basil Heaton, Frank and Truda Lewis, Peter Mole and Ashley Cooper; all associated with Trinidad Leaseholds Limited.
24. U.P. Group of unidentified men and women in formal attire, dining.  
n.d. 11 cm x 15.5 cm.
25. U.P. Group of unidentified men and women outdoors.  
n.d. 19 cm x 24 cm.
26. U.P. (col.) Nettie [Blair] looking at savanna in Trinidad.  
n.d. 8 cm x 11.5 cm. S.M. Blair's notes in enclosed envelope and back of photograph.
- 27-30. U.P. Views of staff accommodations at Pointe a Pierre, Trinidad.  
n.d. Various sizes.
31. U.P. From right to left, S.M. Blair, Nettie Blair and Count Bashiloff in Paris.  
n.d. 6 cm x 10 cm.
- 32-69. U.P. Project 1234 Pointe a Pierre, Trinidad, under construction, showing general layout of plant and staff housing, various plants and equipment.  
January - June, 1941. Louis Tucker, Trinidad, B.W.I.  
19 cm x 24.5 cm. Typed captions on back; one or two photographs in each plastic folder.
- 70-71. U.P. Two copies of "Meeting of Trans Mountain Oil Pipeline Company Construction Committee and Canadian Bechtel Limited Staff Members".  
February 14, 1952. Jack Lindsay Ltd., Photographers, Vancouver, B.C. 18 cm x 24 cm. Typed and printed captions identifying the men are included.
72. Telegram from Secretary of the Board of Transport Commissioners of Canada to S.M. Blair Vice President of Trans Mountain Pipe Line Company authorizing the Company to begin transporting oil as of 3pm EST, October 15, 1953.  
15 cm x 20 cm. Framed.

MG 46/2/4 Photographs

MG 46/2/5/2 Business Photographs

73. U.P. S.M. Blair in a Pullman car on a train.  
n.d. 9.5 cm x 12 cm. with covering letter to Mrs. Blair (January 28, 1958).
- 74-77. U.P. (col.) Laying pipeline at Timagami, Ontario.  
Summer, 1958. David P. Rogers. 7.5 cm x 11 cm. with covering letter from D.P. Rogers (December 29, 1958).
- 78-82. U.P. (col.) Laying pipe line at Timagami, Ontario.  
Summer 1958. 7.5 cm x 11 cm. with covering letter from Floyd C. Lantz (April 16, 1959). Colours faded.
83. U.P. The Founding Directors of the Canadian Nuclear Association.  
[ca. 1961]. 22.5 cm x 34 cm. Mounted. S.M. Blair is on the right side of the table, fifth from the front.
84. Spiral bound album of the Inspection trip of the Alberta-California Pipeline.  
June, 1961. [William Heick for Canadian Bechtel Limited].  
19 cm x 24 cm. 11 colour photographs showing S.M. Blair and unidentified men, plane, and pipe laying machinery.
85. U.P. (col.) Members of party inspecting the Alberta - California pipeline standing beside a pipe on the prairie.  
[June 1961]. [William Heick]. 19 cm x 24 cm.
- 86-136. U.P. Black and white photographs of the Inspection trip of the Alberta - California pipeline.  
[June, 1961] [William Heick]. 9.5 cm x 11.5 cm. View showing S.M. Blair and unidentified men laying pipe in the foothills, equipment and Bechtel plane.
- 137-138. U.P. Unidentified men in the office of Alberta Gas Trunk Line Company Limited, Foothills Division.  
[June 1961]. [William Heick]. 9.5 cm x 11.5 cm.
139. U.P. Oil derrick near Rimbey, Alberta.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
140. U.P. Construction of a plant near Rimbey.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
141. U.P. Road sign pointing way to the Petrogas Processing Limited plant.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.

MG 46/2/5     Photographs

MG 46/2/5/2   Business Photographs

142.    U.P. [Alberta Gas Trunk Line Company Limited Meter station, Rimbey].  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
143.    U.P. Same as above but with Company sign on fence visible.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
144.    U.P. View of [Rimbey Gas Plant].  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
145.    U.P. Rimbey Gas Plant.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
146.    U.P. Project under construction.  
[June, 1961]. [William Heick]. 9.5 cm x 11.5 cm.
- 147-154. U.P. (col.) Inspection of an unspecified pipeline, showing inspection party, machinery and Bechtel plane.  
n.d. 7.5 cm x 11 cm. S.M. Blair is the only man wearing a cap. Memo dated September 4, 1963 is enclosed.
155.    U.P. (col.) S.M. Blair and "Ross" in California.  
August 12, 1961. 7.5 cm x 11 cm.
156.    U.P. (col.) Board of Directors of Bechtel Corporation.  
August, 1964. 25 cm x 34 cm. Mounted.  
Autographed; S.M. Blair standing second from left.  
Colour deteriorating.
157.    U.P. Group of men and women in front of log cabin at Camp 230 in the Rocky Mountains.  
1964. 11 cm x 16 cm. Included in photograph are Mr. and Mrs. S.M. Blair, Mr. and Mrs. S.R. Blair and Dr. and Mrs. G. Govier; an enclosed letter identifies all present (October 19, 1964).
- 158-166. U.P. The official opening of the Great Canadian Oil Sands Limited plant at Fort McMurray. September 30, 1967. Richard Finnie for Canadian Bechtel Limited. 19 cm x 24 cm.
158.    Inflatable dome with sign, "Welcome GCOS Opening".
159.    [The Honourable Robert H. Winters, Minister of Trade and Commerce, and Mrs. Winters] descending from Government plane at Fort McMurray.
160.    Left to right: S.M. Blair, Mr. Borden, S.D. Bechtel Sr. beside plane at Fort McMurray.

MG 46/2/5 Photographs

MG 46/2/5/2 Business Photographs

161. The Honourable E.C. Manning, Premier of Alberta, guest speaker at banquet; at extreme right of head table is the Honourable R.H. Winters, other three men unknown; two copies.
162. S.M. Blair and Mr. Borden at banquet in Fort McMurray.
163. S.M. Blair, Mr. Borden and S.R. Blair at banquet in Fort McMurray.
164. Unknown man (left) and S.D. Bechtel Sr.; S.M. Blair on left in background.
165. Women at banquet at Fort McMurray; left to right: Barbara McClements, Mrs. E.C. (Muriel) Manning, Mrs. R.H. Winters, Mrs. Eleanor Lewis.
166. Women at banquet; left to right: Mrs. Marion Rea, Mrs. Laura Bechtel, unknown, Mrs. Nettie Blair.
- 167-170. U.P. The signing of the Churchill Falls Project Agreement. [ca. 1969]. Varying sizes. S.M. Blair appears in photographs 167 and 168, the identities of the other men are not known.
171. U.P. (col.) The signing of the Churchill Falls Project Agreement. [ca. 1969]. 11 cm x 15 cm. Mounted. Polaroid.
- 172-189. U.P. The Churchill Falls Power Project, September 9-11, 1969. Commercially photographed for Acres Canadian Bechtel of Churchill Falls. 19.5 cm x 24 cm. Identified on reverse.
172. Intake excavation.
173. Dyke FF12 and Intake.
174. Airport Runway, looking west.
175. Drilling on west tailrace.
176. Drilling in west tailrace.
177. Machine hall, looking east from access.
178. Surge chamber.
179. Machine Hall looking east from penstock.
180. East tailrace from surge chamber.

MG 46/2/5     Photographs

MG 46/2/5/2   Business Photographs

- 181.    Retaining wall from dyke.
- 182.    Intake excavation (different from #172); note by S.M. Blair on reverse side.
- 183.    Switchyard looking north.
- 184.    Whitefish u/s end of structure.
- 185.    Landscaping of townsite housing area.
- 186.    Landscaping of townsite housing area.
- 187.    Landscaping around town centre building.
- 188.    Landscaping around town centre building.
- 189.    S.M. and Nettie Blair beside plane.
- 190-199.   U.P. S.M. Blair and personnel at the Churchill Falls Project and Nettie Blair and women at tea. [ca. 1973]. 11 cm x 16.5 cm.
- 200.    U.P. S.M. Blair (4th from left), R.H. Paul and unidentified men standing beside Bechtel plane. July 8, 1973. Commercially photographed for Acres Canadian Bechtel of Churchill Falls. 17 cm x 24 cm.
- 201.    U.P. S.M. Blair.  
n.d. Thomas [ ], Trinidad. 10 cm x 15 cm. Mounted.
- 202.    U.P. Stephen D. Bechtel Sr.  
n.d. Hartsook, San Francisco. 20 cm x 25 cm. Mounted.
- 203.    U.P. Stephen D. Bechtel Jr.  
n.d. 19.5 cm x 24.5 cm.
- 204.    U.P. The Right Honourable Clarence Decatur Howe. [1949]. Capital Press Service, 18 Rideau Street, Ottawa. 19 cm x 24 cm. Inscription on reverse.
- 205.    U.P. Norman Sutherland, President and General Manager of Pacific Gas and Electric, San Francisco. October 3, 1960. 18.5 cm x 23.5 cm. Mounted. Inscription on matting.

Accession No. 77-122 contains photographs and negatives of oil sands, [Fort] McMurray, Athabasca River boats, asphalt covered Fort Trail, and buffalo and elk herds at Wainwright, originally contained in S.M. Blair's album.



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