Professor. Correspondence (1913–1930) from the Oklahoma Bureau of Geology regarding its publications and operations, and the geological and mineral characteristics and potential of Oklahoma counties; geological reports (1913–1930), with accompanying maps, regarding the geological and mineral characteristics and resources of Oklahoma counties; oil well logs (1905–1925), organized by county; and registers of students grades (1915–1951) compiled by Williams while a member of the University of Oklahoma faculty.

Biographical Note:
Dr. Arthur J. Williams, professor emeritus of geology at the University of Oklahoma until his death in 1954, was born in Albany, Wisconsin, on January 2, 1877. He received his bachelor's degree in geology from the University of Chicago in 1912 and his master's degree from the University of Iowa in 1914, remaining there as a student assistant until 1916 when he joined the faculty of the University of Oklahoma. In 1923 he obtained a Ph.D. from the University of Iowa while on a leave of absence from the University of Oklahoma. Dr. Williams remained on the faculty at OU until 1951 when he was named professor emeritus. Dr. Williams was the author of two laboratory manuals in geology and numerous scientific papers. He died February 18, 1954, in Norman, Oklahoma.

Box 1: Well Logs by County, A-G.
These well logs describe drilling operations in the various counties of Oklahoma. The location and depth of each well and the geological composition of the drilling samples are provided in every case. The name of the contractor or drilling company and the holder of the lease is frequently provided, though not invariably, as is also the case with dates. The following is a description of the contents of each folder.
Folder:
2. Well logs of Alfalfa County. Seven logs: six undated, one dated 1907. Several copies of each.
3. Well logs of Beaver County, undated. Seven copies.
4. Well logs of Caddo County. Three logs: Two undated, one dated March 9, 1917 to October 17, 1917. Several copies of each.
5. Well log of Canadian County, undated. Ten copies.
6. Well logs of Carter County. Seventeen logs: sixteen have dates ranging from February 25, 1914 to February 16, 1916. One log is undated. Several copies of each.


8. Well logs of Creek County. Sixteen logs: five undated; eleven have dates ranging from August 11, 1908 to May 23, 1918. Several copies of each.


10. Well logs of Garfield County. Six logs: three undated; three with dates ranging from March 19, 1912 to April 27, 1925. Several copies of each.

11. Well logs of Garvin County. Two logs: one is dated 1912 (ten copies), and the other is dated March 1, 1923 to May 11, 1923 (two copies).

12. Well logs of Greer County. Three logs, all undated; several copies of each.

**Box 2: Well Logs by County, H-K.**

Folder:

2. Well logs of Kay County, all undated. Ten logs; several copies of each.

3. Well logs of Kay County, all undated (date is indecipherable on one log). Ten logs; several copies of each.

4. Well logs of Kay County, dated from May 1, 1909 to May 31, 1912. Twelve logs; several copies of each.

5. Well logs of Kay County, dated from June 11, 1912 to June 14, 1916. Eleven logs; several copies of each.

6. Well logs of Kiowa County, undated. Two logs; several copies of each.

**Box 3: Well Logs by County, L-N.**

Folder:
1. Well logs of LeFlore County, dated March 28, 1911 to May 17, 1911. Two logs; several copies of each.

2. Well logs of Lincoln County, dated November 10, 1914 to September 4, 1922. Seventeen logs; several copies of each.

3. Well logs of Logan County. Five logs: three undated, one with indecipherable date, one dated 1905-1906. Several copies of each.
4. Well logs of Love County, undated. Two logs; several copies of each.

5. Well logs of Marshall County, undated. Two logs; several copies of each.

6. Well log of McCurtain County, undated. Twenty-one copies.

7. Well log of McIntosh County, dated 1905. Ten copies.

8. Well logs of Muskogee County. Fourteen logs; eight undated; six with dates ranging from November 17, 1907 to January 1909. Several copies of each.

9. Well logs of Noble County. Four logs: one undated; three with dates ranging from April 20, 1919 to October 19, 1922. Several copies of each.

10. Well logs of Nowata County. Four logs: two undated; two with dates ranging from November 18, 1912 to March 26, 1914. Several copies of each.

**Box 4: Well Logs by County, O-Okmulgee.**

Folder:
1. Well logs of Okmulgee County, dated November 10, 1914 to January 29, 1922. Eight logs; several copies of each.

2. Well log of Oklahoma County, dated April 1918. Thirteen copies.

3. Well logs of Okmulgee County, all undated. Six logs; several copies of each.

4. Well logs of Okmulgee County, all undated. Five logs; several copies of each.

5. Well logs of Okmulgee County, all undated. Six logs, several copies of each.

6. Well logs of Okmulgee County, with dates ranging from July 23, 1908 to April 4, 1918. Six logs; several copies of each.

7. Well logs of Okmulgee County, with dates ranging from April 3, 1918 to May 22, 1918. Four logs; several copies of each.

**Box 5: Well Logs by County, Okmulgee.**

Folder:
1. Well logs of Okmulgee County, with dates ranging from April 24, 1918 to June 24, 1918. Six logs; several copies of each.

2. Well logs of Okmulgee County, with dates ranging from May 2, 1918 to August 14, 1918. Six logs; several copies of each.

3. Well logs of Okmulgee County with dates ranging from July 12, 1918 to October 15, 1918.
Six logs; several copies of each.

4. Well logs of Okmulgee County with dates ranging from September 16, 1918 to December 7, 1918. Five logs; several copies of each.

5. Well logs of Okmulgee County with dates ranging from November 2, 1918 to December 27, 1918. Four logs; several copies of each.

6. Well logs of Okmulgee County with dates ranging from November 26, 1918 to January 29, 1919. Six logs; several copies of each.

Box 6: Well Logs by County, Okmulgee.
Folder:
1. Well logs of Okmulgee County with dates ranging from December 3, 1918 to April 4, 1919. Five logs; several copies of each.

2. Well logs of Okmulgee County with dates ranging from March 3, 1919 to May 8, 1919. Four logs; several copies of each.

3. Well logs of Okmulgee County with dates ranging from April 6, 1919 to June 1, 1919. Five logs; several copies of each.

4. Well logs of Okmulgee County with dates ranging from May 9, 1919 to June 27, 1919. Five logs; several copies of each.

5. Well logs of Okmulgee County with dates ranging from June 8, 1919 to July 19, 1919. Five logs; several copies of each.

6. Well logs of Okmulgee County with dates ranging from June 20, 1919 to August 2, 1919. Five logs; several copies of each.

Box 7: Well Logs by County, Okmulgee-P.
Folder:
1. Well logs of Okmulgee County with dates ranging from July 19, 1919 to December 2, 1919. Five logs; several copies of each.

2. Well logs of Okmulgee County with dates ranging from November 21, 1919 to February 6, 1920. Five logs; several copies of each.

3. Well logs of Osage County. Four logs: one undated; three with dates ranging from December 12, 1913 to May 30, 1914. Several copies of each.

4. Well logs of Pawnee County. Five logs: one undated, five with dates ranging from 1912 to December 10, 1922. Several copies of each.

5. Well logs of Payne County. Seven logs: two undated, five with dates ranging from March
28, 1916 to July 30, 1922. Several copies of each.

6. Well logs of Pittsburg County. Seven logs: five undated; two have date of 1897 and 1907. Several copies of each.

7. Well logs of Pontotoc County, all undated. Four logs; several copies of each.

8. Well logs of Pottawatomie County. Nine logs: three undated; six have dates ranging from July 4, 1914 to November 30, 1921. Several copies of eight of the logs.

Box 8: Well Logs by County, S-W.
Folder:
1. Well logs of Seminole County. Two logs: one undated; one dated August 1908. Several copies of each.


3. Well logs of Stephens County. Two logs: one undated; one dated May 4, 1916. Several copies of each.

4. Well log of Texas County dated August 24, 1911. Five copies.

5. Well logs of Tillman County, all undated. Three logs; several copies of each.

6. Well logs of Tulsa County. Forty-three logs: four undated; thirty-nine with dates ranging from January, 1897 to January 25, 1923. Most are single copies. Only four logs have multiple copies. Included are nine well log form which are blank.

7. Well logs of Wagoner County. Four logs, all undated. Several copies of each.


10. Well logs of Woods County. Three logs: two undated; one dated April, 1910. Several copies of each.

Box 9: Geological Reports and Surveys of Mineral and Natural Resources of Oklahoma Counties, A-Cotton.
Folder:
1. Report, in manuscript form, on Adair County as probable oil and gas territory (1916).

2. Report, in manuscript form, on the highways and geological characteristics of Atoka County. Two copies, one incomplete. Complete copy has appended a letter from C.W.

3. Reports, in manuscript form, on the natural resources and geology of Beaver County: 1920, 1923 (three copies, one copy having cover letter and survey map attached).

4. Reports, in manuscript form, on the natural resources and geology of Beckham County: 1913, 1913 (five copies, one of which is draft), 1917 (two copies), 1923 (includes geologic map of county, list of wells being drilled, and six well logs), one undated report. Undated announcement of availability of copies of above 1923 report (undated, two copies). Extract of a letter from G.O. Smith to C.B. Hunt, concerning Beckham County (no date). List of locations of wells in Beckham County field, with names of drilling companies.

5. Report, in manuscript form, on Bryan County as a possible oil and gas field (1917). Includes eight Bryan County township maps with geological features indicated.

6. Report, in manuscript form, on the natural resources and geology of Caddo County: one undated, which includes a geological profile map; 1918; 1918 (two copies); 1920; 1929, which includes a hand-drawn map. List of wells in Cement area, Caddo County, with names of companies, locations, and elevations. Includes handwritten notes (no date). Township plat of Caddo County indicating road classification. Four township plats of adjoining areas in Caddo and Comanche counties, indicating extent of Duncan Sandstone outcrop.

7. Reports, in manuscript form, on the natural resources and geology of Canadian County: one undated; 1917; 1920 (two copies). Report, in form of a letter dated April 2, 1926, addressed to Rone and Ross, Oklahoma City, of geological survey of Canadian County near Union City (three copies of final version and two copies of draft).


9. Reports, in manuscript form, on the natural resources and geology of Choctaw County: 1922; one undated. Report, in form letter dated March 19, 1923, concerning Choctaw County as a possible oil field. Letter is from C.W. Honess to W.M. Turner.

10. Reports, in manuscript form, on the natural resources and geology of Cimarron County: four undated; one dated 1916. Multiple copies of all but two. One report includes two geological maps.
11. Reports, in manuscript form, on the natural resources and geology of Cleveland County: one undated, which includes two township plats indicating geological features; one undated handwritten; 1913 (one copy of final version and one copy of draft); 1914 (two copies); 1915 (two copies); 1916 one undated but apparently post-1924 (three copies). Well log of Sooner State Well, Cleveland County (no date, three copies). Handwritten notes for well logs, mostly indecipherable. Three pages of notes, five blank pages. No dates. Report, in form of letter to Bob Rucker of Oklahoma City, on geologic structure of Cleveland County. Dated January 22, 1929. Same letter as above, addressed: To Whom it May Concern, dated February 22, 1929 (one copy of final version and one copy of draft.) Same letter as above, dated September 9, 1929. Report, in form of letter to W.S. McAtee of Oklahoma City, on the geology of extreme northeastern Cleveland County. Includes township plat indicating geological features. Dated April 19, 1930. Well records of Cleveland County: two records dated February 14, 1927 to November 18, 1927. Form letter with Bureau of Geology letter head, concerning investment in oil and gas royalties. Reverse of letter is map of Cleveland County, showing well drilling in progress. Sixteen copies. Two small maps of Cleveland County, indicating drilling operations. No date.

12. Reports, in manuscript form, on the natural resources and geology of Coal County: 1913 (two copies); 1919. Report, on Bureau of Geology stationery, concerning the geological features of a township in Coal County. Typed copy of an article in the Daily Oklahoman, dated May 24, 1928, concerning a wildcat well in Coal County.

13. Report, in manuscript form, on iron ore in the Wichita Mountains, Comanche County; dated April 1921. Five township plats of Comanche County, indicating classification of roads.

14. Reports, in manuscript form, on the natural resources and geology of Cotton County: one undated, which includes three township plats indicating geological features; one undated, which includes four township plats indicating geological features; 1922 (preliminary report) and 1922 (final version); 1922 (two copies); one undated but evidently post-1925 (two copies; one copy has six page list of well records, four township plats showing classification of roads, and a large map showing locations of well). Well logs of Cotton County. Nineteen logs, with dates ranging from April 11, 1918 to December 28, 1922. Two township plats of Cotton County, indicating classification of roads.

Box 10: Geological Reports and Surveys...Creek-LeFlore.

Folder:
1. Reports, in manuscript form, on the natural resources and geology of Creek County: 1913; 1920 (two copies); 1920 (four copies). Report, on Bureau of Geology stationery, on the natural resources and geology of a township in Creek County. Two copies; one copy includes township plat indicating existing oil and gas wells, other copy is incomplete. No date, but evidently post-1926.

2. Reports, in manuscript form, on the natural resources and geology of Custer County: 1913 (four copies, one of which is handwritten); 1916 (three copies); 1917 (includes two township plats indicating geological features); 1918; 1923 (two copies; both copies include
two well logs and a township plat indicating geological features). Extract from letter of P.S. Smith to T.P. Gore, concerning possibilities for oil and gas in Carter County. No date. Copy of letter concerning geological structure of land around Thomas, in Custer County. Undated with no signature and no addressee.

3. Folder of correspondences relating to an artesian well near Gage, Ellis County, Oklahoma. Dated from August to October 1918.

4. Reports, in manuscript form, on the natural resources and geology of Garfield County: 1915; 1917; 1918 (two copies); undated but probably 1918 (two copies); 1920 (two copies; one includes two geological maps); 1920; 1920. Report, in form of letter, on possibility of oil and gas in Garfield County. Two copies of letter dated December 23, 1915. Includes reply from addressee, John Clover. Report, in form of extract from letter to P.H. Owens, on geological investigation of land in Garfield County. Undated. Includes map indicating geological features and well drilling sites. Letter from A.E. Summers to C.W. Shannon concerning well drilling in Garfield County. Includes attached structural map. Dated November 23, 1918. Report on Barnes Oil Field in Garfield County, taken from U.S.G.S. carbons. Handwritten notes on geological structures, taken in Garfield County. Four small sheets contained in manila envelope. No date. Short report on the Garber Oil Field, Garfield County. No date. List of well logs of Garfield County, in Garber Field. Four sheets.

5. Reports, in manuscript form, on the Paoli copper deposits, Garvin county. Two reports, both dated 1919.

6. Reports, in manuscript form, on the natural resources and geology of Grady County: 1914; 1914; 1916 (includes geological map indicating drilling sites, seven township plats with drilling sites indicated and explanatory notations, five sheets of handwritten notes, and a three-page letter describing the field work); 1916 (includes three township plats indicating geological features and drilling sites); 1916 (two copies; both include three township plats indicating geological structure); 1918; 1919 (two copies); 1920; 1920 (includes two township plats indicating geological structures); 1922; 1922 (includes four township plats showing road classification and geological structures); 1922. Report, on Bureau of Geology stationery, on the natural resources of northwestern Grady County. Undated, but evidently post-1927. Two copies, one of which is incomplete. Well log of Grady County, dated July 31, 1925 to January 18, 1927. Two handwritten copies and three typed copies.

7. Reports, in manuscript form, on the natural resources and geology of Greer County: undated report including a hand-drawn map indicating geological features; undated report (two copies; one copy includes four township plats and a map indicating drilling sites); 1916. Extract of letter from P.S. Smith to J.S. Wicks concerning oil and gas in Greer County. No date given. Report, in form of letter from G.E. Burton to W.L. Alexander, concerning oil and gas in Greer County. No date given.

8. Report, in manuscript form, on the natural resources and geology of Harmon County, dated 1920. Two copies: one copy includes related correspondence, two township plats, and six
well records.

9. Report, in manuscript form, on the geology of Hughes County, dated 1920. Three copies: one includes township plat with geological features indicated; one includes a well log dated August 29, 1918 to March 15, 1919. Typed copy of a clipping from the Daily Oklahoman, concerning oil prospects in Hughes County. No date given. Report on a suggested location for an oil and gas test in Hughes County. One page, undated.


13. Report, in manuscript form, on the natural resources and geology of Kiowa County, undated. Includes cover letter to W.L. Alexander from G.E. Burton, dated July 19, 1916. Also includes seven township plats indicating drilling sites, and two geologic maps. Report, in manuscript form, on the Gotebo Oil Field, Kiowa County. Undated. Report, very short, on Kiowa County, taken from U.S.G.S. carbons. Provides analysis of drilling samples, location, and name of drilling company.


15. Reports, in manuscript form, on the natural resources and geology of LeFlore County: 1916 (includes hand-drawn geological profile map); 1928. Reports, on Bureau of Geology stationery, on the natural resources and geology of specific townships in LeFlore County:

Box 11: Geological Reports and Surveys...Lincoln-Oklahoma.
Folder:
1. Report, in manuscript form, on the geology of Lincoln County. Heavily damaged. No date. Reports, in manuscript form, on the natural resources and geology of Lincoln County: 1913 (includes cover letter to S.M. Goss from C.W. Shannon); 1917 (two copies); 1920; 1920; undated report evidently post-1916; 1922. Report, in form of extract of letter from G.O. Smith to E.G. Sailer, concerning oil and gas in Lincoln County. No date. Newspaper clipping (original) from the Chandler News-Publicist, dated January 12, 1917, concerning the opening of anew oil field in Lincoln County.

2. Report, in manuscript form, on oil and gas in Logan County. Dated July 18, 1916. Includes two township maps indicating drilling sites. Extract of letter from G.O. Smith to Sam Rayburn, concerning oil and gas in Logan County. No date; two copies.

3. Report, in manuscript form, on the possibility of oil and gas in Love County; dated July 3, 1916. Copy of letter from C.M. Becker to E.M. Boring concerning a geological study of a portion of Love County. Dated February 8, 1926.

4. Report, in manuscript form, on the geology of the Pryor quadrangle, Mayes County. No date given but evidently late 1918. Folder holds two copies; second copy includes an appended summary, a township plat, and a topographical map. Report, in manuscript form, on natural resources and geology of Mayes County: 1919 and 1920 in same folder; additional copy of above 1920 report in separate folder; 1922 (includes pamphlet of The Red Granite, Copper and Water Power Company, Tulsa). List of drilling samples taken in Mayes County.

5. Reports, in manuscript form, on the natural resources and geology of McClain County: 1916 (two copies); 1917; 1920 (two copies); 1920; 1922 (includes two township plats indicating drilling sites). Topographical map of a geological structure east of Lexington, McClain County. Two copies.

6. Reports, in manuscript form, on the natural resources and geology of McCurtain County: one undated; 1918 (includes township plat indicating geological features); 1918; 1920. Reports, on Bureau of Geology stationery concerning natural resources and geology of McCurtain County. Two reports; two copies of one. Short report, source unspecified, concerning lead and zinc ores in McCurtain County. Extract of U.S.G.S. letter concerning the geology of McCurtain County. No date. Extract of letter from G.O. Smith to W.C. Munz, concerning McCurtain County. No date; two copies. Chemical analysis of a sample
of sand asphalt from McCurtain County.

7. Report, in manuscript form, on the possibility of oil and gas in McIntosh County, dated October 28, 1921.


9. Reports, in manuscript form, on the natural resources and geology of Muskogee County: two are undated but evidently post-1914; 1918; 1919; one undated but evidently post-1920 (three copies of report and original letter from E.W. Smartt, Jr. to C.W. Shannon). Short report, from U.S.G.S. carbon, on natural resources of Muskogee County. Letter from C.W. Shannon to Toberman and Toberman, concerning drilling operations in Muskogee County. Carbon copy; dated February 28, 1929.

10. Reports, in manuscript form, on the natural resources and geology of Noble County: 1916; 1916 (includes township plat with geological structure indicated); 1916 (includes three township plats indicating geological structure); 1916 (includes topographical contour map); 1919 (includes pamphlet containing a township map of Noble County). Preliminary report on the Tonkawa Field, Noble County, extracted from the Daily Oklahoman, September 19, 1922. Includes contour map of geological structures in Tonkawa Field. Copy of letter to C.W. Shannon from G.E. Burton and E. Aurin, concerning geology of central Noble County.

11. Reports, in manuscript form, on the natural resources and geology of Okfuskee County: 1915 (four copies; all copies include geological map); 1917. Report, on Bureau of Geology stationery, on the natural resources and geology of a township in Okfuskee County, dated January 3, 1930. Two copies; both copies include township plat indicating drilling sites. Typed cross-reference to Lincoln County.


**Box 12: Geological Reports and Surveys...Okmulgee-Tulsa.**

Folder:

1. Reports, in manuscript form, on the natural resources and geology of Okmulgee County: four undated; one undated (two copies); 1920 (two copies); 1920; 1920 (three copies; one copy includes township plat indicating drilling sites); 1920 (three copies; one copy includes township plat); 1920 (two copies); 1920. Letter from F. Aurin to S.L. Johnson, concerning analysis of ore. Dated September 4, 1917. Three carbon copies. Extract from letter of G.O. Smith to S.T. Busey, concerning oil production in Okmulgee County. No date. Transcript of minutes of meeting of unspecified group. No dates. Meeting concerns Wilcox sand in Okmulgee County.


4. Reports, in manuscript form, on the natural resources and geology of Pawnee County: one undated; 1917 (includes township plat indicating geological structures). Folder of correspondence relating to limestone samples from a well in Pawnee County. Six letters, ranging in date from September 16, 1918 to September 30, 1918. Eight well logs of Pawnee County are included in the folder.

5. Reports, in manuscript form, on the natural resources and geology of Payne County: three undated; 1914; 1914; 1916 (folder includes related letter dated April 14, 1916, seven pages of handwritten notes, three well logs, and a township map of Payne County); 1918 (two copies; one copy includes four township plats indicating drilling sites); 1920. Folder containing four township plats indicating drilling sites. No date.

6. Report, in form of letter to the citizens of Quinton, Pittsburg County, concerning natural resources in the area. Dated September 30, 1910. Included is township plat of Quinton and vicinity, indicating coal deposits.


9. Reports, in manuscript form, on the natural resources and geology of Pushmataha County: one undated; 1912. Reports, on Bureau of Geology stationery, on the geology and natural resources of specific areas of Pushmataha County: two reports, both undated. Two copies of one report. Report, in form of letter from G.E. Burton to G.M. Patterson, concerning oil and gas in Pottawatomie County. Two copies of letter, dated July 30, 1917. Included with one copy is a cover letter from Z.J. Harrison to C.W. Shannon. Report is undated; letter is dated July 6, 1923. Folder (one letter) to various individuals concerning the possibility of oil in Pushmataha County. No dates. Folder containing copies of the above three letters. Short report on the geology of Pushmataha County and the unlikelihood of finding oil and gas there. No date.

10. Report, in manuscript form, on the natural resources and geology of Rogers County. Dated January 14, 1919. Includes a township plat indicating geological structure.

11. Reports, in manuscript form, on the natural resources and geology of Seminole County: 1913; 1916; 1916; 1917 (includes map)...Extract from letter from P.S. Smith to W.F. Conley, concerning the geology of Seminole County. No date.

12. Folder of township plats of Sequoyah County: one sheet of handwritten notes and eight township plats indicating geological features. No dates.

13. Report, in manuscript form, on the natural resources and geology of Stephens County. Dated July 12, 1920 (two copies). Reports, on Bureau of Geology stationery, on the natural resources and geology of Stephens County: one undated; one undated; one undated but evidently post-1926; one undated but evidently post-1927 (includes township plat indicating drilling sites); 1930 (two copies, both including township plat indicating drilling sites); 1929 (two copies, both including township plat indicating drilling sites); 1930 (two copies, both including township plat indicating drilling sites).

14. Reports, in manuscript form, on the natural resources and geology of Tillman County: 1914 (three copies); 1916 (includes cover letter and two charts showing composition of drilling samples); 1916. Report, in form of letter from C.N. Gould To W.E. Conner, concerning geology of Tillman County and possibility of oil and gas fields. Draft of letter, G.O. Smith to S.T. Busey concerning possibility of oil in Tillman County, undated; carbon copy of letter from C.W. Shannon to S.F. Cannon concerning geological structures of Tillman County and possibility of oil and gas fields, dated May 31, 1919.

15. Report, in manuscript form, on the possibilities for oil and gas in Tulsa County. Dated January 3, 1917. Includes township plat indicating geological features and drilling sites.

Box 13: Geological Reports and Surveys...Wagoner-Miscellaneous Counties.
Folder:

1. Reports, in manuscript form, on the natural resources and geology of Wagoner County: 1920 (includes three township plats indicating geological features and drilling sites); 1920 (includes one township plat indicating geological features and drilling sites); 1920. Short report on Stone Bluff Field, Wagoner County. Includes township plat indicating drilling sites and a carbon copy of cover letter from C.W. Shannon to O.A. Fyffe, dated May 9, 1919. Report, in form of letter from G.E. Burton to G.B. Grumbine, concerning possibilities for oil and gas in Wagoner County; dated April 4, 1917 (carbon copy). Report, in form of letter from C.W. Shannon to F.V. Wright, concerning possibilities for oil and gas in Wagoner County; dated May 11, 1918 (two carbon copies). Vital Statistics of Okay, Wagoner County. One page, undated. Four copies.

2. Reports, in manuscript form, on the natural resources of Washington County: one undated (three copies); 1919 (copy of paper presented at March 14, 1919 meeting of A.A.P.G., with transcription of discussion); also summary of 1919 report. Report, in form of letter to A.W. DeBell, concerning natural resources of Washington County; dated December 4, 1920. Carbon copy. Report, in form of letter from G.E. Burton to F.L. Mulky, concerning possibilities for oil and gas in Washington County; dated December 8, 1916. Carbon copy. Includes two township plats indicating drilling sites.

3. Reports, in manuscript form, on the natural resources and geology of Washita County: 1916; 1921.


5. Report, in form of letter from G.E. Burton to E.G. Vossburg, concerning possibilities for oil and gas in Woodward County; dated December 12, 1912. Carbon copy.

Canadian counties. Dated May 17, 1922. Township plat of Comanche and Stephens counties, indicating road classification. Dated September 1918. Report, on Bureau of Geology stationery, on the natural resources and geology of Creek and Tulsa counties. Dated April 10, 1930. Two copies, one incomplete text. Both copies include two township plats indicating drilling sites. Report, in manuscript form, on the possibilities for oil and gas in Creek and Tulsa counties. No date; two copies. Report, in manuscript form, on the Sapulpa-Glenn Pool Field, Creek and Tulsa counties. No date, but evidently post-1918. Extract from letter of G.O. Smith to W.A. Ayres, concerning possibility for oil and gas in Custer and Dewey counties. No date. Report on possibilities for oil and gas in Custer and Dewey counties. No date.


8. Report, in manuscript form, on the Arkose of the northern Arbuckle area, in Pontotoc, Pottawatomie, and McClain counties. Dated February 20, 1922. Three copies. Report, in manuscript form, on the possibilities for oil and gas in Seminole and Hughes counties. Dated July 1, 1916. Dated July 1, 1916. Two copies; both include two township plats indicating drilling sites. Report, in manuscript form, on producing oil fields in Tulsa and Wagoner counties. No date. Report, in manuscript form, on producing oil fields in Wagoner and Muskogee counties. No date; two copies. Report, in manuscript form, on oil and gas production in Washington and Nowata counties. Dated February 18, 1920. Report, in manuscript form, on the possibilities for oil and gas in Washita and Kiowa counties. Dated June 22, 1916, written on-site by on the authors, and four township plats indicating geological features. Analysis of drilling samples from Woods and Major counties. One page; undated but evidently post-1925. Two copies, and original handwritten notes from which it was typed. Report, in manuscript form, on the geology of Woods and Woodward counties. Dated May 16, 1924. Preceded by carbon copy of cover letter from C.W.
Box 14: Geological Reports and Surveys of Mineral and Natural Resources of Oklahoma Districts and of Other States of the United States (chiefly Arkansas and Texas).

Folder:


4. Reports, in manuscript form, on the natural resources and geology of portions of Texas: 1917 (three copies; one copy includes survey map of area); 1918 (two complete copies, one of which includes survey map of area; and one incomplete copy); 1918 (includes survey map of area); 1919; 1919. Statistical comparison of drilling costs of oil fields in various locations (Texas, Louisiana, California, Mexico, etc.). Undated but evidently post-1921. *50 Oil Field Maps*, showing areas in Arkansas, California, Colorado, Kansas, Louisiana,
Box 15: Miscellaneous Items of Geological Interest, and Bureau of Geology Correspondence.
1. Portfolio, stamped Western Validating Company, containing the following items pertaining to the oil shale industry:

   A clipping from The National Geographic Magazine, Volume 33, Number 2, February 1918, pages 195 to 206: "Billions of Barrel of Oil Locked up in Rocks," by Guy Elliot Mitchell. Includes front and back covers of magazine.


   Correspondence from circa 1916-1919 concerning credentials of W.H. Wood of Western Oil Validating Company. Legal blanks: five copies of Limited Power of Attorney form from Western Oil and Shale Land Validating Company.


2. Bureau of Geology miscellany: hand-lettered sign (damaged); list of available maps for sale (three pages, no date); list of State Geologists of the U.S. (three pages, no date); Second Field Conference, Oklahoma City Geological Society (five pages, dated October 12, 1930); geological report on area near Jones, Oklahoma (two pages, no date); announcement of prices for well log reports from the Oklahoma Corporation Commission (one page, no date); geological report on an unspecified area (three pages, no date); two pages of handwritten notes on back of Arcade Hotel (Ponca City) stationery, undated; list of well locations (six pages, three copies of each); one-page geological report, location and date unspecified.

3. Assorted items concerning the Oklahoma Academy of Science: "Oklahoma Academy of Science" (five page report, dated 1915); report on oil field near Bartlesville, apparently presented to the Academy (three pages with tow pages of diagrams and one page of statistical tables, circa 1914); report on the American plane tree (five pages, dated 1916); report of the Committee on Biological Survey (three pages, probably 1915); report on mosses as rock builders (three pages, with attached envelope containing four photographs; two copies of report itself, undated); program of the fifth annual meeting of the Oklahoma Academy of Science, November 26 and 27, 1915; program of the ninth annual meeting of the Academy, February 11-12, 1921; letter from E.R. Brockway to C.W. Shannon concerning geology of an unspecified area (undated); "An Act to incorporate the Oklahoma Academy of Science" (carbon copy, four pages, undated).

4. Circulars and announcements from U.S. Government departments: list of available circulars from the Department of Agriculture (three pages with attached cover letter, dated August
29, 1922); Department of Commerce, Bureau of Mines *Circular* no. 6062 (March 1928),
*Circular* no. 6187 (September 1929), and *Circular* no. 6228 (January 1930); Department of
Commerce, U.S. Coast and Geodetic Survey announcement on mailing lists for publications
(six pages, no date); U.S. Coast and Geodetic Survey announcements of available
publications on various subjects (eleven announcements, approximate dates ranging from
1912 to 1927).

5. Well log of Maxine Petroleum Co., dated April 27, 1925. Three pages; two complete
copies and one incomplete copy.

6. Correspondence and related material concerning the C.W.T. Petroleum Co.: letter from
C.W. Shannon to C.W.T. Petroleum Co., dated October 28, 1929 (one printed copy, two
carbon copies, two copies of first page only, and two handwritten drafts); report on oil field
operations around the State of Oklahoma (undated carbon copy, one page; handwritten draft
on two sheets of paper); hand drawn map of C.W.T. Petroleum Co. lease in Hughes Co.:
announcement from C.W.T. Petroleum Co. to stockholders, dated March 6, 1930; portfolio
of information about C.W.T. Petroleum Co. (includes maps, photographs, and order blank
for buying unit shares), approximate date late 1929, and rough draft of data in portfolio
(three typed pages); correspondence between R.L. Bain and C.W. Shannon concerning
credentials of C.W.T. Petroleum Co., dated from December 1 through December 16, 1929:
correspondence from H.R. White of C.W.T. Petroleum Co. (three letters; two are dated
October 4, 1929 and January 21, 1930, and one is undated). Log of well near Wetumka (no
date but evidently post-1919).

Map showing portion of Hughes Co., with oil and gas wells indicated (no date).

Folder of information about oil land in Stephens Co., compiled by Petroleum Exchange,
Inc., of Oklahoma City (four sheets; two sheets have handwritten notations on the back).

Form letter to Mary E. Shannon from H.J. McMullen, concerning investments in oil field
(dated November 6, 1929).

Notice from the Faculty Club of the University of Oklahoma to C.W. Shannon, dated
February 15, 1926.

Four sheets of hotel stationery with handwritten notes (attached is envelope addressed to
C.F. Cook).

Four copies of Bureau of Geology announcement on the petroleum industry in Oklahoma,
with map on reverse (dated January 20, 1928).

7. The Kansas "Blue Sky" Law (1919; eight page leaflet, two copies).

8. Text of Indiana State Constitutions of 1816 and 1851, with amendments (booklet, seventy-
six pages, dated 1902).

Wallet Folder:
1. Wallet folder of correspondence to the Bureau of Geology, with carbon copies of Bureau's response in most cases: the first manila folder contains a number of undated letters, parts of letters and notes, a mailing list, and letters with dates ranging from April 18, 1916 to December 31, 1923. The second manila folder contains letters ranging in date from January 1, 1924 to May 15, 1930. The majority of letters in both folders are from 1923-24, and almost all of the correspondence is requests for Bureau of Geology publications.

Box 16: Miscellaneous Personal Materials.
Wallet:
1. Plates from Bulletin No. 31 of the Instituto Geologico de Mexico, illustrating fossilized plant imprints. Numbered I - L (Roman numerals).

Folder:
1. Uncirculated post-cards, chiefly pictorial.

2. The Okaw, 1903; yearbook of Greenville College, Greenville, Illinois.

3. The Centralian, 1927; yearbook of Central Academy and College, McPherson, Kansas.


5. Souvenirs and keepsakes: "The Dinosaur" (anonymous poem, undated); souvenirs program for D.W. Griffith's "The Birth of a Nation," copyright 1915; announcement of Pick and Hammer Club Luncheon, March 9, 1920; program of Annual Rock-hound Banquet, March 9, 1921; program of Norman Lions Club Annual Halloween Dinner, October 30, 1928; program of Norman Inter-Civic Club Dinner, December 5, 1938.

6. Personal notes and papers: First National Bank check (blank; back used as scratch paper); tablet ("Scratch book no. 4030") containing notes made about the characteristics of various Oklahoma towns; "Scratch book no. 4039," with notes on more Oklahoma towns; sheaf of note paper (thirty-two sheets) containing data on Norman, Oklahoma; sheaf of note paper (eight sheets) containing notes on drilling operations; one page note concerning Ward III election results (no other specifics available); seven sheets of class notes and doodles (appears to be a child's hand-writing; no name or date); sheaf of notes (five sheets) with information about refineries; map of Oklahoma for classroom use (eleven copies); announcement for Township Unit Service offered by Bureau of Geology (back is used as scratch paper). "Note Regarding New Genera of the Crinoidea Flexibilia," by Frank Springer (dated May 1923; one page).

7. Commercial announcements: business card from Fred Jones Ford; Leaflet from The Oil and Gas Journal; envelope of leaflets from the Portland Cement Association (thirty-one pieces);
Sullivan Diamond Core Drills, Catalogue no. 69 (1917); Bulletins from Sullivan Machinery Co., ranging in date from July 1923 to March 1924 (six pieces); reprint from The Mining Congress Journal, March 1928, pp. 176-179, "The Romance of the Diamond Drill," by S. Bowles King (attached is cover letter from H.T. Walsh of Sullivan Machinery Co. to C.W. Shannon, dated July 23, 1928); leaflet from Sturtevant Mill Co., no date.

8. Correspondence to C.W. Shannon in regard to his position as President on the Norman Board of Education, and carbon copies of his replies; six letters, dated from May 21 to August 3, 1923.

Three newspaper clippings concerning public school affairs; dates and names of newspapers not evident.

List of public school fund allocations; typed, no date.

Announcement of a program of educational reorganization at Lindsey Public School, dated September 1928.

9. "Scratch book no. 4030" in which are pasted newspaper clippings on Cleveland Co., ranging in date from June 9, 1919 to February 13, 1921. Name of newspaper seldom evident.

Sixteen newspaper clippings on various subjects, chiefly concerning either Cleveland Co. matters or the oil industry. Most are undated (dates ranging from August 26 to September 30, 1930 are penciled upon five clippings) and the names of newspapers are seldom identified.

Box 17: Grade Books.
Box 17 contains class grade records for the period from Spring 1915/16 to Spring 1938/39. They are numbered consecutively from 1 to 50.

Box 18: Grade Books.
Box 18 contains class grade records for the period from Fall 1939/40 to Summer 1951. They are numbered consecutively from 51 to 81.

Oversized Materials:
Box 1: Newspaper Clippings
- "Outcome of Spottswood-Foster Contest in Doubt on Eve of Primary; Other Races Also are Close." Name of newspaper and date are not evident.
- Editorial on fraternities in public high schools in Norman and Oklahoma City. Name of newspaper and date are not evident.
- The Guthrie Daily Leader, Guthrie, Oklahoma, December 12, 1913 (entire issue).
• *The Oklahoma News*, Oklahoma City, Oklahoma (?), November 17, 1926, pp. 9-10.

• *The Norman Transcript*, Norman, Oklahoma, November 21, 1926. Contains article on page 1: "Geology! Director of Bureau Gives Details of Cleveland County Formations and History of Oil Developments Here." Entire issue, seven copies.


• *The Norman Transcript*, September 15, 1927, pp. 7-10.

• "Price is Victor in Race for Treasurer of City in Primary." Date of March 19, 1929 is penciled on; name of newspaper not evident, though probably *The Norman Transcript*.

• "Titusville Commemorates Drilling of First Commercial Oil Producer." Date of August 26, 1930 is penciled on; name of newspaper not identified.

• "Price Fixing is charged in Oil Proration." Date of September 30, 1930 is penciled on; name of newspaper not identified.

• *The Oklahoma Daily*, Norman, Oklahoma November 12, 1938, pp. 5-8.