LEGAL ADVERTISING

TIFICATE OF INCORPORATION OF THE ILLINOIS EXPLORATION COMPANY.

irst: The name of this corporation 'he Illinois Exploration Company.

econd: The location of its principal e in the State of Delaware is to be he City of Wilmington, County of Castle. The name of its agent rein and in charge thereof, and upon m legal process against this corporn may be served, is Corporation st Company of America, duPont lding, No. 7 West Tenth Street, in City of Wilmington.

hird: The nature of the business and objects and purposes for which, and any of which, this corporation is ned are to do any or all of the ngs herein set forth as fully and to same extent as natural persons ht or could do and in any part of world, viz:

) To carry on the business of mining ling, concentrating, locating, convert- smelting, reducing, treating, pre- ng for market, manufacturing, buy- selling, exchanging and otherwise ducing and dealing in gold, silver, pper, nickel lead, zinc, brass, iron, l, coal, ores, metals metallic com- nds, stone, gravel, oil and minerals all kinds and all or any products or products thereof.

b) To acquire, own, lease, occupy, ex- re, prospect, locate, patent, use and elop any lands, mines, mineral hts options concessions or claims con- ning ores, minerals, metals, coal, iron, ganese, stone, gravel, gas or oil, and wood lands, and to mine or other- e extract or remove ores, minerals, als, coal, iron, manganese, stone, vel, oil, gas or timber therefrom; and ake own, hold, deal in, mortgage, and lease, sell, exchange, transfer or in manner whatever dispose of any h lands, mines, mineral rights, op- ns or claims, within or without the te of Delaware.

c) To buy, sell, export, import or erwise to deal and traffic in, iron, al, copper, manganese ores, minerals, tals, stone, gravel, coal oil, coke, od, lumber and other materials and of the products or byproducts there- and any articles consisting, or partly sisting, thereof.

d) To construct, acquire, own, lease, rate, carry out, maintain, improve, nip, manage, control or superintend roads, ways, private railways, pri- e tramways, either aerial or other- e, telegraph and telephone lines, dges, viaducts, water courses, flumes, educts, reservoirs, canals, and other ter ways, wharves, piers, docks, slips, kheads, furnaces, mills, foundries, shing, concentrating and smelting rks, hydraulic works, pipe lines, gas lls, oil wells, factories, dwelling ses, stores, warehouses, buildings, works, elevators, machinery, en- cars and other equipment; to pur- e vessels or other means of trans- ation, and equip and operate the ne as required for the uses and pur- es of this corporation.

(e) To build, construct, develop, im- ove, acquire, maintain, operate, hold, n and lease plants and works for the nufacture, acquiring, generating, ac- mulation, and distribution of electric- , gas and steam, and plants and works any other character adapted to pro- ce light, heat and power in any form, d to build, construct, develop, improve, quire, hold, own, lease, maintain and erate waterworks, transmission es, electrical works, electric and pow- producing machinery, apparatus, ap- ances and equipment of every kind d character.

(f) To purchase, acquire, and lease, d to sell, lease and dispose of water, ter rights, water records, power priv- ges and appropriations for power, ht, mining, milling, irrigation, agri- itural, domestic or any other use or rpose.

(g) To investigate, develop, consum- e, undertake and carry on any enter- ise, business, transaction or operation mmonly carried on or undertaken by pitalists, financiers, contractors, trust mpanies, syndicates, merchants, com- ission men, or agents to acquire the od will rights and property, and un- rtake the whole or any part of the sets and liabilities of any person, firm sociation or corporation, and to pay r the same in cash, stock, bonds or tes of this corporation, or otherwise; d generally as principal or agent to stitute, enter into, carry on, assist, pro- ote and participate in financial, com- ercial, mercantile and other business, orks, contracts, undertakings and op- ations.

(h) To hold in trust, issue on com- ission, make advances upon or sell, ase, license, transfer, organize, reor- incorporate or dispose of any of ertakings or resulting invest- foresaid, or the stock or sec- hereof, and to act as agent, r depositary for any of the like purposes, or any purpose entioned.

obtain the grant of, purchase, otherwise acquire any conces- hts, options, patents, privileges, s, rights of way, sites, properties, ertakings or businesses or any right, ion or contract in relation thereto, to perform, carry out and fulfill the ms and conditions thereof, and to car- the same into effect, and to develop, aintain, lease, sell, transfer, dispose f and otherwise deal with the same.

(j) To manufacture, buy, sell and gen- rally deal in goods, wares, merchandise, roperty and commodities of any and very class and description, and all ar- cles used or useful in connection there- rith, insofar as may be permitted by he laws of the State of Deleware.

(k) To subscribe for, or cause to be ubscribed for, buy, own, hold, purchase, eceive or otherwise acquire, and to sell, egotiate, guarantee, assign, deal in, ex- hange, transfer, mortgage, pledge or therwise dispose of, shares of the cap- al stock, scrip, bonds, coupons, mort- ages, debentures, debenture stock, sec- rities, notes and evidences of indebted- ess, issued or created by other corpora- ions, joint stock companies or associa- ions, whether public, private or munic- pal, or any corporate body, and while wner thereof to posses and to exercise respect thereof, all the rights, powers nd privileges of ownership, including he right to vote thereon; to guarantee he payment of dividends on any shares f the capital of any of the corporations, oint stock companies or associations in which this corporation has or may have n interest and to become surety in re- pect of, endorse or otherwise guarantee he payment of the principal or interest f any scrip, bonds, coupons, mort- ages, debentures, securities, notes or vidences of indebtedness issued or reated by any such corporations, joint stock companies or associa- ions: to become surety for or uarantee the carrying out and perfor- nance of any and all contracts, leases nd other obligations of every kind of ny such corporation joint stock com- anyor association, any of whose shares, onds, securities or evidences of indebt- dness are held by or for this corpora- ion, and to do any acts or things de- igned to protect, preserve, improve or nhance the value of any such shares, onds, securities or evidences of indebt- dness.

(l) To purchase, apply for, obtain, or otherwise acquire, any and all letters atent, licenses, patent rights, patented rocess and similiar rights granted by he United States or any other govern- ment or country, or any interest there- n, or any inventions which may seem apable of being used for or in connec- on with any of the objects or purposes f this corporation, and to use, exercise, levelop, sell, lease, grant licenses in re- pect to, or other interests in the same, nd otherwise turn the same to account, nd to carry on any business, manufac- uring or otherwise, which may be deem- ed to directly or indirectly effectuate hese objects, or any of them.

(m) To secure, acquire, apply for, reg- ster, hold, own or otherwise dispose of ny and all copyrights, trade-marks, rade names and other trade rights.

(n) To organize, or cause to be organ- ized, under the laws of the State of Del- aware, or of any other state, territory or country, or the District of Columbia, a corporation or corporations, for the purpose of accomplishing any of the objects for which this corporation is organized, or for any other purpose or purposes, and to dissolve, wind up, liquidate, merge or consolidate any such corporation or corporations.

(o) To borrow money for the purposes of this corporation, and to issue bonds, debentures, notes and other obligations, and to secure the same by pledge or mortgage of the whole, or any part of the property of this corporation, either real or personal, or to issue bonds, notes, debentures, or other obligations, without any such security.

(p) To issue shares of stock, debentures, debenture stock, bonds, notes ,and other obligations for cash, or property, or in exchange for the stock, bonds, notes, or securities of any person, firm or corporation.

(q) To enter into, make, perform and carry out contracts of every kind for any lawful purpose, without limit as to amount, with any person, firm, association or corporation.

(r) To draw, make, accept, endorse, discount, execute and issue promissory notes, bills of exchange, warrants and other negotiable or transferable instruments.

(s) To purchase and acquire shares of the capital stock, bonds and other obligations of this corporation, from time to time, to such extent, and in such manner and upon such terms as its Board of Directors shall determine, and from time to time to accept any such shares, bonds and obligations as security for, or in payment on account, or in satisfaction of, any claim or demand of this corporation, and to reissue the same from time to time.

(t) To have one or more offices, to carry on any or all of its operations and business, and without restriction or limit as to amount, to purchase, lease, or otherwise acquire, hold, and own, and to mortgage, sell, convey, lease or otherwise dispose of, real and personal property, of every class and description, in any of the states or territories of the United States and in the District of Columbia, and in any and all foreign countries, subject to the laws of such state, district, territory or country.

(u) To do any and all things herein set forth, and in addition such other acts as are incident or conductive to the attainment of the purposes of this corporation, or any of them, to the same extent as natural persons lawfully might or could do in any part of the world insofar as such acts are not inconsistent with the provisions of the laws of the State of Delaware.

The foregoing clauses shall be construed, both as objects and powers, and it is hereby expressly provided that the foregoing enumeration of specific powers shall not be held to limit or restrict in any manner the powers of this corporation, and are in furtherance of, and in addition to, and not in limitation of the general powers conferred by the laws of the State of Delaware.

It is the intention that the purposes and powers specified in this subdivision Third hereof shall, except as otherwise expressly provided, in no wise be limited or restricted by reference to or inference from the terms of any other clause or paragraph of this certificate, and that each of the purposes and powers specified in this subdivision Third hereof, shall be regarded as independent purposes and powers.

Fourth: The amount of the total authorized capital stock of this corporation is Twenty-one Thousand Dollars ($21,000) divided into two hundred ten (210) shares of the par value of One Hundred Dollars ($100.) each. The amount of capital stock with which this corporation will commence business is Twenty-five Hundred Dollars ($2500.) divided into twenty-five (25) shares of the par value of One Hundred Dollars ($100.) each.

Fifth: The names and places of residence of each of the original subscribers to the capital stock are as follows: Name, Herbert E. Latter; Residence, Wilmington, Deleware; Number of shares, 19. Name, Norman P. Coffin, Residence, Wilmington, Delaware; Number of shares, 3. Name, Clemen M. Egner; Residence, Elkton, Maryland; Number of shares, 3.

Sixth: The existence of this corporation is to be perpetual.

Seventh: The private property of the stockholders shall not be subject to the payment of corporate debts to any extent whatever.

Eighth: The number of directors of this corporation shall be fixed and may be altered from time to time as may be provided in the by-laws. In case of any increase in the number of directors, the additional directors may be elected by the directors, or by the stockholders, at an annual or special meeting.

Ninth: In furtherance and not in limitation of the powers conferred by statute, the Board of Directors are expressly authorized:

(a) To fix, determine and vary from time to time the amount to be maintained as surplus and the amount or amounts to be set apart as working capital.

(b) To make, alter, amend or repeal by-laws for this corporation without any action on the part of the stockholders. The by-laws made by the directors may be altered or repealed by the stockholders.

(c) To designate two or more directors to constitute an executive committee, which committee shall have and exercise (except when the Board of Directors shall be in session) such powers and rights of the full Board of Directors in the management of the business and affairs of this corporation as may be lawfully delegated, and shall have power to authorize the seal of this corporation to be affixed to all papers which may require it.

(d) If the by-laws of this corporation shall so provide, the stockholders and directors shall have power to hold their meetings either within or without the State of Delaware, and to have one or more offices outside of the State of Delaware, and to keep the books and records of this corporation outside of the State of Delaware, and at such place or places as may from time to time be designated by the Board of Directors.

(e) To authorize and cause to be executed mortgages and liens, without limit as to amount, upon the real and personal property of this corporation.

(f) From time to time to determine whether and to what extent, at what time and place, and under what conditions and regulations the accounts and books of this corporation, or any of them, shall be open to the inspection of the stockholders; and no stockholder shall have any right to inspect any account or book or document of this corporation except as conferred by statute or by the by-laws or as authorized by a resolution of the directors or stockholders.

(g) To sell, assign, transfer, convey and otherwise dispose of a part of the property, assets and effects of this corporation less than the whole or substantially the whole thereof, on such terms and conditions as they shall deem advisable, without the assent of the stockholders in writing or otherwise; and also to sell, assign, transfer ,convey and otherwise dispose of the whole, or substantially the whole of the property, assets, effects, franchises and good will of this corporation on such terms and conditions as they shall deem advisable but only with the assent in writing, or pursuant to the vote, of the holders of not less than two-thirds in interest of all the stockholders of this corporation, but in any event not less than the amount required by law.

(h) All of the powers of this corporation, insofar as the same lawfully may be vested by this certificate in the directors, are hereby conferred upon the said directors of this corporation.

Tenth: In the absence of fraud, no contract or transaction between this corporation and any other corporation shall be affected by the fact that the directors of this corporation are interested in or are directors or officers of such other corporation, and any director individually may be a party to, or may be interested in any such contract or transaction of this corporation; and no such contract or transaction of this corporation with any person or persons, firm or association, shall be affected by the fact that any director of this corporation is a party to, or interested in such contract or transaction, or in any way connected with such person or persons, firm or association, provided that the interest in any such contract or transaction of any such director shall be fully disclosed, and that such contract or other transaction shall be authorized or ratified by the vote of a sufficient number of the directors of this corporation not so interested; and each and every person who may become a director in this corporation is hereby relieved from any liability that might otherwise exist from thus contracting with this corporation for the benefit of himself or any firm, association, or corporation in which he may be in any wise interested.

Eleventh: This corporation may in its by-laws make any other provisions or requirements for the management or conduct of the business of this corporation, provided the same be not inconsistent with the provisions of this certificate, or contrary to the laws of the State of Delaware of the United States.

Twelfth: Except where other notice is specifically required by statute written notice only of any stockholders meeting, given as provided in the by-laws shall be sufficient without publication or other form of notice.

Thirteenth: Any officer elected or appointed by the Board of Directors, or by the Executive Committee, or by the stockholders, or any member of the Executive Committee, or of any other standing committee, or any director of this corporation may be removed at any time, with or without cause, in such manner as shall be provided in the by-laws of this corporation.

Fourteenth: This corporation reserves he right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation in the manner now or hereafter prescribed by statute and all rights conferred on officers, directors and stockholders herein are granted subject to this reservation.

We, the undersigned, being each of the original subscribers to the capital stock hereinbefore named, for the purpose of forming a corporation to do business both within and without the State of Delaware, and in pursuance of an Act of the Legislature of the State of Delaware, entitled, "An Act Providing a General Corporation Law" (approved March 10, 1899) and the acts amendatory thereof anl supplemental thereto, do make and file this certificate, hereby declaring and certifying that the facts herein stated are true, and do respectively agree to take the number of shares of stock hereinbefore set forth, and accordingly have hereunto set our hands and seals this eighth day of February, 1917.

Herbert E. Latter (SEAL)
Norman P. Coffin (SEAL)
Clement M. Egner (SEAL)

IN PRESENCE OF:
William J. Maloney

STATE OF DELAWARE
COUNTY OF NEW CASTLE ss.

BE IT REMEMBERED that on this eighth day of February, A. D. 1917, personally came before me William J. Maloney, a Notary Public for the State of Delaware, Herbert E. Latter, Norman P. Coffin and Clement M. Egner, all the parties to the foregoing certificate of incorporation, known to me personally to be such, and I having first made known to them, and to each of them, the contents of said certificate, they did severally acknowledge that they signed, sealed and delivered said certificate as their several voluntary act, and that the facts therein stated are truly set forth.

GIVEN under my hand and seal of office the day and year aforesaid.

William J. Maloney,
Notary Public, County of New Castle,
State of Delaware.

WILLIAM J. MALONEY
Notary Public
Appointed February 25, 1915
For Four Years

DELAWARE
STATE OF DELAWARE
Office of Secretary of State.

I, Everett C. Johnson, Secretary of State of the State of Delaware, do hereby certify that the above and foregoing is a true and correct copy of Certificate of Incorporation of "THE ILLINOIS EXPLORATION COMPANY," as received and filed in this office the ninth day of February, A. D. 1917 ,at 9 o'clock A. M.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal at Dover, this twenty-fourth day of September, in the year of our Lord one thousand nine hundred and eighteen.

EVERETT C. JOHNSON
Secretary of State.

(SEAL)

CERTIFICATE OF
THE ILLINOIS EXPLORATION COMPANY OF THE VOTE OF THE STOCKHOLDERS OF SAID CORPORATION UPON THE AMENDMENT TO ITS CERTIFICATE OF INCORPORATION MADE UNDER THE STATUTES OF THE STATE OF DELAWARE ON THAT BEHALF.

THE ILLINOIS EXPLORATION COMPANY, a corporation organized and existing under the laws of the State of Delaware, hereby certifies as follows:

(1) That the Board of Directors of said corporation, at a special meeting convened and held on the 11th day of January 1918, at two o'clock P. M., proposed an amendment to its certificate of incorporation, and at said meeting adopted a resolution setting forth the amendment proposed, declaring its advisability, and calling a meeting of the stockholders of said corporation for the consideration thereof.

(2) That thereafter, on the 11th day of January 1918 at the hour of three o'clock P. M., pursuant to such call of the Board of Directors, and upon waiver of notice and consent signed by all of the stockholders of the corporation, in accordance with the by-laws of the corporation, a special meeting of the stockholders was held, and there were present at such meeting, in person, or by proxy, the holders of the entire issued and outstanding capital stock of said corporation.

(3) That at said meeting a vote of the stockholders by ballot, in person, or by proxy, was taken for and against the amendment to the certificate of incorporation of said corporation, and said vote was conducted by Homer C. Chapin and Henry K. Chapin, two judges appointed for that purpose by said meeting.

(4) That it appears by the duplicate certificate of the said Homer C. Chapin and Henry K. Chapin the said judges who were duly appointed by the meeting of the stockholders of said corporation, duly called and held on the 11th day of January 1918, at three o'clock in the afternoon, to decide upon the qualifications and to conduct the vote of the stockholders of the said corporation for and against the proposed amendment to the Certificate of Incorporation of said corporation, that all of the stockholders of said corporation, holding all of the shares of stock of said corporation, then issued and outstanding, had voted in favor of said amendment.

(5) Attached hereto and marked "Exhibit A" is a true copy of said amendment to the Certificate of Incorporation of said corporation, as the same was adopted at the stockholders' meeting aforesaid.

(6) That there is also attached hereto, and marked "Exhibit B", one of the duplicate certificates made by said judges, of the stockholders' vote at said stockholders meeting for and against said amendment.

(7) That the persons or bodies corporate holding the entire capital stock of said corporation, then issued and outstanding, consisting of two hundred ten (210) shares, voted at said stockholders' meeting, in favor of said amendment.

IN WITNESS WHEREOF, THE ILLINOIS EXPLORATION COMPANY has made, under its corporate seal and hand of Homer C. Chapin, its president, and the hand of Lucile Chapin Robertson, its Secretary, the foregoing certificate, and the said President and the said Secretary have hereunto severally set their hands and caused the corporate seal of the company to be hereunto affixed, this 16th day of January 1918.

THE ILLINOIS EXPLORATION COMPANY
By Homer C. Chapin, President.
Lucile C. Robertson, Secretary.

THE ILLINOIS EXPLORATION COMPANY
1917
Corporate Seal.
Delaware

EXHIBIT A

The amendment to the Certificate of Incorporation of THE ILLINOIS EXPLORATION COMPANY, a corporation organized and existing under the laws of the State of Delaware, by virtue of certificate of incorporation, in conformity with the provisions of an Act of the General Assembly of the State of Delaware, entitled "An Act providing a General Corporation Law," approved March 10th, 1899, and the acts amendatory thereof and supplemental thereto.

Said certificate of Incorporation was filed in the office of the Secretary of State of Delaware on the 9th day of February 1917, and recorded in the office of the Recorder of Deeds of New Castle County at Wilmington, in Certificate of Incorporation Record Y, Volume 7, page 248, etc., on the 9th day of February 1917.

That section Fourth of the Certificate of Incorporation of The Illinois Exploration Company be amended as follows:

"Fourth: The amount of the total authorized capital stock of this Corporation is One Hundred and Fifty Thousand Dollars ($150,000.), divided into fifteen hundred (1500) shares of the par value of One Hundred Dollars ($100.) each."

Exhibit B
THE ILLINOIS EXPLORATION COMPANY
JUDGES' CERTIFICATE

LUCILE CHAPIN ROBERTSON, SECRETARY, THE ILLINOIS EXPLORATION COMPANY:

We, the undersigned, do hereby certify that at a meeting of the holders of the capital stock of said THE ILLINOIS EXPLORATION COMPANY, held on the 11th day of January 1918, at the hour of three o'clock in the afternoon, called to consider the resolution of the Board of Directors of said company, which was adopted on the 11th day of January 1918, at a meeting held at two o'clock P. M. of that day, and declared the advisability of a proposed amendment to Section Fourth of the Certificate of Incorporation of said company, a true copy of which amendment is hereto attached and marked "Exhibit A", we were appointed by said stockholders' meeting judges, for the purpose of conducting, counting and ascertaining the vote of the said Stockholders of said company for and against the said proposed amendment; that at said stockholders' meeting a vote of said stockholders by ballot, in person, or by proxy, was duly taken, for and against the said proposed amendment, which said vote was conducted by the subscribers, being the two judges appointed as aforesaid, for that purpose, by the said Stockholders' meeting; that, in our office as said judges, we decided upon the qualifications of the stockholders voting at said meeting for or against the said proposed amendment, and when said vote was completed, we did count and ascertain the number of qualified shares voted respectively for and against said proposed amendment, and declared that all of the Stockholders of said corporation, had voted for said proposed amendment, the said Stockholders so voting, holding two hundred ten (210) shares of the capital stock of said corporation, being all of the shares of stock of said corporation then issued and outstanding, and that no shares of stock of said corporation were voted against said amendment.

IN WITNESS WHEREOF we have made out the foregoing certificate accordingly in duplicate and subscribed our names thereto, and delivered the same to the Secretary of said Company.

Homer C. Chapin
Henry K. Chapin
Judges.

EXHIBIT A

The amendment to the Certificate of Incorporation of THE ILLINOIS EXPLORATION COMPANY, a corporation organized and existing under the laws of the State of Delaware, by virtue of certificate of incorporation, in conformity with the provisions of an Act of the General Assembly of the State of Delaware ,entitled "An Act providing a General Corporation Law," approved March 10th, 1899, and the acts amendatory thereof and supplemental thereto.

Said Certificate of Incorporation was filed in the office of the Secretary of State of Delaware on the 9th day of February 1917, and recorded in the office of the Recorder of Deeds of New Castle County at Wilmington, in Certificate of Incorporation Record Y, Volume 7, page 248, etc., on the 9th day of February 1917.

That Section Fourth of the Certificate of Incorporation of the Illinois Exploration Company be amended as follows.

"Fourth: The amount of the total authorized capital stock of this corporation is One Hundred and Fifty Thousand Dollars ($150,000.), divided into fifteen hundred (1500) shares of the par value of One Hundred Dollars ($100.) each."

STATE OF ILLINOIS
COUNTY OF COOK
ss.

BE IT REMEMBERED that on the 16th day of January 1918, I Sarah E. Sutcliffe a Notary Public, in and for the County and State aforesaid, do hereby certify that HOMER C. CHAPIN, President of THE ILLINOIS EXPLORATION COMPANY, personally known to me to be such, duly executed the foregoing certificate with "Exhibit A" and "Exhibit B" thereto attached, before me, and the said Homer C. Chapin, president as aforesaid, duly acknowledged before me, that the signatures of said president and the said secretary of said corporation, to said certificate appended, are in the handwriting of the president and secretary of said The Illinois Exploration Company, respectively; and that the corporate seal of said certificate affixed is the common and corporate seal of said company; and that the same was duly affixed by the authority of the stockholders of said company.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of office, the day and year aforesaid.

Sarah E. Sutcliffe,
Notary Public, Cook County, Illinois.

Sarah E. Sutcliffe, Notary Public,
Cook County, Ill.
My Commission expires February 17th, 1919.

STATE OF DELAWARE
Office of Secretary of State

I, Everett C. Johnson, Secretary of State of the State of Delaware, do hereby certify that the above and foregoing is a true and correct copy of Certificate of Amendment of Certificate of Incorporation of "THE ILLINOIS EXPLORATION COMPANY" as received and filed in this office the twenty-first day of January, A. D. 1918, at 1 o'clock P. M.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal at Dover, this twenty-fourth day of September in the year of our Lord one thousand nine hundred and eighteen.

EVERETT C. JOHNSON,
Secretary of State.

(SEAL.)
First insertion Oct. 19
Last insertion Nov. 23, 1918

NOTICE OF NON-LIABILITY FOR LABOR OR MATERIALS FURNISHED

NOTICE IS HEREBY GIVEN to all persons that the undersigned, A. C. Lake, is the owner of that certain mine or mining claim, hereinafter described, with all improvements thereon. That said mine is now in possession of and is being worked and operated by A. G. Goodwill, pursuant to an agreement with option to purchase, made and executed by the undersigned in favor of said A. G. Goodwill, dated November 13th, 1917; said agreement and option to be in force up to and including the 12th day of November, 1918.

The undersigned is not working or operating said mine or mining claim, or any part thereof, and does not intend to work or operate said mine or mining claim, or any part thereof, or purchase any supplies or materials therefor, during the life of said agreement and option with said A. G. Goodwill.

The name of said mine or mining claim is the FOUNTAIN HEAD patented mine situate in Wallapai mining district, in Mohave County, State of Arizona, patent from the United States for which is of record in the office of the Recorder of Mohave County, State of Arizona, in Book 16 of Deeds, Page 524, to which reference is hereby made for a more particular description.

IN WITNESS WHEREOF, the said A. C. Lake has hereunto set his hand this twenty-second day of November, 1917.

A. C. LAKE.

Mineral Application No. 039506.

United States Land Office, Phoenix, Arizona, August 22, 1918.

NOTICE IS HEREBY GIVEN that THE SCHUYLKILL MINING COMPANY a corporation organized and existing under the laws of the State of Arizona, and doing business in Mohave County, Arizona, its post office address being Kingman, Arizona, through its authorized manager and agent, H. T. Rudisill, of Kingman, Arizona, has made application for patent for Fifteen Hundred (1500) linear feet on the BLACK ROCK SPRING LODE mining claim, as per survey number 3422, situated in Section Thirty-five (35) Township Twenty-four (24) North, Range Eighteen (18) West of the Gila and Salt River Meridian, in the Wallapai Mining District of Mohave County, State of Arizona, and described as follows:

BLACK ROCK SPRING LODE
SURVEY No. 3422

Beginning at Cor. No. 1, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed BRS1-3422, whence

The Cor. Secs. 2, 3, 34 & 35, Ts. 23 & 24, N., R. 18 W. G. & S. R. B. M. bears S. 60 deg. 23 min. 40 sec. W. 1272.85 ft.

The N. W. Cor. New Jersey Extension lode, unsurveyed, Ed Mingle, claimant, bears N. 20 deg. 42 min. E. 110.55 ft.

A cross (X) and BR-BRS 1-3422 chiseled on face of granite outcrop 24x36 ins. 20 ins. above ground, bears S. 40 deg. 29 min. W. 29.5 ft.

No other bearing objects available.

Thence N. 11 deg. 46 min. W. 21.88 feet, intersect the west end line New Jersey Extension lode, unsurveyed, at S. 27 deg. 58 min. W. 92.84 ft. from the N. W. Cor. 50.00 feet, intersect center of wagon road running N. 53 deg. E. 391.12 feet, S. E. Cor., Carpathian lode, unsurveyed, Mike Fugina, claimant, 1500.00 feet, Cor. No. 2, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed BRS2-3422, whence

The S. W. Cor. Majestic lode, unsurveyed, F. H. Crafts, claimant, bears S. 44 deg. 07 min. E. 504.54 ft.

A cross (X) and BR-BRS 2-3422 chiseled on face of granite outcrop 18x36 inches, 12 inches above ground, bears S. 87 deg. 41 min. E. 32.40 ft.

No other bearing objects available.

Thence N. 78 deg. 14 min. E. 115.24 feet, intersect the east side line Carpathian lode, unsurveyed, at S. 50 deg. 50 min. E. 289.56 ft. from the N. E. Cor. and N. 5 deg. 50 min. W. 1114.85 ft. from the S. E. Cor., 120.66 feet, intersects the south line Good Enough lode, unsurveyed, Anna E. Durkee, claimant, at N. 45 deg. 40 min. W. 412.59 ft. from the S. E. Cor., 300.00 feet, to the N. E. C., a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed BRS-3422, 600.00 feet, to Cor. No. 3, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed, BRS 3-3422, whence

The S. E. Cor. Good Enough lode, unsurveyed, bears S. 24 deg. 16 min. 40 sec. W. 423.54 ft.

No bearing objects available.

Thence S. 11 deg. 46 min. E. 84.09 feet, intersect east end line of Good Enough lode, unsurveyed, at N. 32 deg. 12 min. E. 358.97 ft. from the S. E. Cor. and the west end line of Majestic lode, unsurveyed, at N. 32 deg. 12 min. E. 475.37 ft. from the S. W. Cor. 684.54 feet, intersect south side line Majestic lode, unsurveyed, at S. 63 deg. 43 min. E. 419.09 ft. from the S. W. Cor. 1178.00 feet, intersect center of wagon road, running N. 55 deg. E. 1500.00 ft. to Cor. No. 4, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones scribed BRS 4-3422, whence a cross (X) and BR-BRS 4-3422 chiseled on face of granite outcrop 6 x 10 ft., 4 ft. high bears S. 48 deg. 45 min. E. 37.5 ft.

Thence S. 78 deg. 14 min. W. 300.00 feet to the S. E. C., a pine post 4 ft. long, 4 ins. square, 18 ins. in the ground with mound of stones scribed BRS-3422 448.52 feet, intersect north side line, New Jersey Extension lode, unsurveyed, at S. 56 deg. 25 min. E. 181.11 ft. from the N. W. Cor., 600.00 feet, to Cor. No. 1, the place of beginning.

Variation at all corners 15 deg. 40 min. E.

Total net area claimed in Black Rock Spring lode, 20.661 acres.

Area in conflict with:

New Jersey Extension lode, unsur.,	.117	acres
Carpathian lode, unsur.,	1.467	acres
Good Enough lode, unsur.,	2.124	acres
Majestic lode, unsur.,	2.275	acres

The survey of this location is lidentical with the location as staked upon the ground.

Any and all persons claiming adversely the mining ground, veins, lodes, premises, or any portion thereof, so described, surveyed, platted and applied for, are hereby notified that unless their adverse claims be duly filed according to law and the regulations thereunder, within the time prescribed by law, in the United States Land Office at Phoenix, in the County of Maricopa, State of Arizona, they will be barred by virtue of the provisions of said statute.

J. L. IRVIN
Register.

First insertion August 24.
Last insertion October 26.

MINE WARNING NOTICE.

To Whom It May Concern:

Notice is hereby given that the Emerson, Emerson Fraction, Hamblin, Arasta, 97, and the Hobson lode mining claims, situated in Wallapai mining district, near the town of Chloride, Mohave County, Arizona, together with the appurtenances thereunto belonging, are under lease and bond to parties working the same, and that neither the mines nor the machinery and building thereon, nor the owner thereof, will be responsible for any labor or debt contracted, nor injuries sustained by any employer or employe in working said properties; and that no employer or employe is the agent of the owner for any purpose, and that all operatives engage in such service at their own risk, and that no debt or claim of debt is valid against said mining property or its owner.

HENRY SCHAEFER.

MINE WARNING NOTICE

To Whom It May Concern:

Notice is hereby given that the Sunshine, Sunshine No. 2, the Hackberry No. 2, No. 3, No. 4, the Protection and Homestead lode mining claims and Sunshine millsite, buildings and machinery thereon situated, in Peacock mining district, Mohave county, Arizona, are under bond and lease and that said mining claims, millsite, buildings, nor the machinery thereon, nor the undersigned owner thereof, will be liable or responsible for any labor or debt contracted nor injuries sustained by any employer or employe in working said property, and that no employer or employe is the agent of the owner for any purpose and that all operatives engage in such service at their own risk, and no debt or claim of debt is valid against said mining property or its owner.

W. B. RIDENOUR.

First insertion March 18, 1916.

MINE WARNING NOTICE.

TO WHOM IT MAY CONCERN:

Notice is hereby given that the Armor Plate Nos. 1, 2, 3, 4, and 5 mining claims, situated in Maynard mining district, Mohave County, Arizona, are under lease and bond to parties working the same, and that neither the mines nor the owners thereof will be responsibe for any labor or debt contracted, nor injuries sustained by any employer or employe in working said property; and that no employer or employe is the agent of the owners for any purpose, and that all operatives engage in such service at their own risk, and that no debt or claim of debt is valid against said mining claims or their owners.

S. G. McKESSON
MARTIN C. RICH

Kingman, Arizona, August 27th, 1917.
First insertion Sept. 1st, 1917.

MINE WARNING NOTICE

TO WHOM IT MAY CONCERN;

NOTICE is hereby given that the COPPER MAID, COPPER PRINCE, LUCKY COPPER QUEEN, COPPER BOY and PRIDE OF DELUGE Mines, situated in the Cedar Valley Mining Dictrict of Mohave County, state of Arizona, are under lease and bond to parties working same, and that neither the mines nor the owner thereof will be responsible for any labor or debt contracted, nor injuries sustained by any Employer or Employe in working said property; and that no Employer or Employe is the agent of the owner for any purpose, and that all operatives engage in such service at their own risk, and that no debt or claim of debt is valid against said mining property or its owner.

J. F. MILLER.

First Publication July27-tf

MINERAL APPLICATION NO. 039272
UNITED STATES LAND OFFICE, PHOENIX, ARIZONA

August 22, 1918

NOTICE IS HEREBY GIVEN that Frisco Gold Mines Company, a corporation organised and existing under the laws of the State of Maine, and doing business in Mohave County, Arizona, its post office address being Kingman, Arizona, through its attorney in fact, Raymond L. Dimmick, of Kingman, Arizona, has made application for patent to the Burns Lode and Burns Lode No. 1 mining claims, as per survey No. 3334, situated in the Southeast quarter of Section Four (4) and the Northeast quarter of Section Nine (9), Township Twenty-two (22), Range Twenty (20), west of the Gila and Salt River Meridian, in the Weaver Mining District, Mohave County, Arizona, and described as follows:

SURVEY NO. 3334
BURNS LODE

Beginning at Cor. No. 1. Identical with Cor. No. 1, Burns No. 1 Lode of this survey. A pine post 4 feet long, 4 inches square, set 18 inches in the ground with a mound of earth and stone scribed 1-1-3334 B-B. 1,

Whence the section corner common to sections 3,1 4, 9, 10, T. 22 N., R. 20 W. of the Gila and Salt River Meridian bears S. 37 deg., 34 min. 37 sec. E., 592.04 ft., thence S. 8 deg. 52 min. E. 474.73 ft. Intersect line bet. secs. 4 and 9 at N. 89 deg. 59 min. W., 287.87 ft. from the corner of sections 3, 4, 9 and 10 and S. 89 deg. 59 min. E., 2354.14 ft. from 1-4 cor. bet. secs. 4 and 9, to cor. No. 2. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed 2-334-B. No. bearings available.

Thence S. 81 deg. 08 min. W. 240.00 ft., Ravine, course N. W. and S. E. 300.00 ft. to south end center, identical with the south end center of the amended location, a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed S. E. C. 3334 B with nail marking exact point 425.00 ft. Road, course Northerly and Southerly 600.00 ft. to cor. No. 3. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed 3-3334-b.

Whence a cross (X) and the letters B. R. 3-3334 chiseled on large rhyolite boulder in place, projecting 2 ft. above the ground bears N. 26 10 min. W., 14.98 ft.

Thence N. 8 deg. 52 min. W. 1118.87 ft. Intersect line between sections 4 and 9, at N. 89 deg. 59 min. 00 sec. W., 895.15 ft. from the cor. bet. secs. 4 and 9 1450.00 ft. Gulch, course N. W. and S. E., flows N. W. 1500.00 ft. to cor. No. 4. Identical with the South end center, Burns No. 1 lode of this survey. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground with a mound of earth and stone, scribed 4-4-3324-B-B. 1. No bearings visible.

Thence N. 81 deg. 08 min. E. 300.00 ft. to North End Center, identical with the South End Center, Burns No. 1 Lode of this survey. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone, scribed on the south fact N. E. C.-3334-B., and on thenorth face S. E. C. 3334-B. 1. 600.00 ft. to cor. No. 1., the place of beginning.

Total net area claimed in Burns Lode 20.661 acres.

BURNS NO. 1 LODE

Beginning at cor No. 1. Identical with cor. No. 1 Burns Lode of this survey heretofore described, whence.

The section corner common to sections 3-4-9-10, T. 22 N., R. 20 W., on the Gila and Salt River Meridian bears S. 37 deg. 34 min. 37 sec. E., 592.04 ft.

Thence N. 8 deg. 52 min. W. 1500.00 ft. to cor. No. 2. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed 2-3334-B. 1, whence

A cross (X) and the letters B. R. 2-3334, chiseled on large rhyolite boulder in place projecting 3 ft. above the ground bears S. 48 deg. 18 min. E., 36.7 ft.

Newberry Mt. bears S. 78 deg. 54 min. W.

Thence 81 deg. 08 min. W. 300.00 ft. to North End Center, a pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed N. E. C. 3334-b.