



CONTACT INFORMATION

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PRINTED: 12-30-2011

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HUMMING BIRD SYNDICATE

ALTERNATE NAMES:

GOLDEN-STATE CLAIM
LEAD DOME PAT. CLAIM

MARICOPA COUNTY MILS NUMBER: 76

LOCATION: TOWNSHIP 3 N RANGE 8 W SECTION 6 QUARTER SE
LATITUDE: N 33DEG 38MIN 00SEC LONGITUDE: W 113DEG 06MIN 40SEC
TOPO MAP NAME: BIG HORN MTS - 15 MIN

CURRENT STATUS: RAW PROSPECT

COMMODITY:

GOLD LODE

BIBLIOGRAPHY:

ADMMR HUMMINGBIRD SYNDICATE MINE FILE
BLM MINING DISTRICT SHEET
ADDITIONAL CLAIMS SEC 8-T3N-R8W
SCHREINER, R.A. "MIN RES OF BIG HORN MTNS
WILDERNESS STUDY AREA, AZ" 1985, MLA 44-85
(PHOENIX GEOLOGY FILE)

REFERENCES

Mils Sheet sequence number 0040130386

BLM Mining District Sheet 321

USBR-MLA 44-85 P.6

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date June 1946

- 1. Mine: Humming Bird Mining Syndicate
- 2. Location: Sec. 8 Twp. 3N Range 8W Nearest Town
Distance Direction Road Condition
- 3. Mining District & County: Big Horn Maricopa
- 4. Former Name of Mine:
- 5. Owner: I. M. Shively, (Humming Bird Mining Syndicate)
Address: Hotel Rives, New Philadelphia, Ohio
- 6. Operator:
Address:
- 7. Principal Minerals: Gold
- 8. Number of Claims: 5 Lode X Placer
Patented X Unpatented
- 9. Type of Surrounding Terrain:
- 10. Geology & Mineralization:

HUMMINGBIRD MINE

Au ✓

Maricopa County 7 - 4 S 8, T 3 N, R 8 W

I. M. Shively, Hotel Rives, New Philadelphia, Ohio 146

11. Dimension & Volume

12. Ore "Blocked Out" or "In Sight":
.....
.....
.....

Ore Probable:

13. Mine Workings—Amount and Condition:.....

No.	Feet	Condition
Shafts.....	1-80', 1-60'	Fair
Raises.....		
Tunnels.....		
Crosscuts.....		
Stopes.....		

14. Water Supply: *water on claim (limited)*
Cartwright springs 3 miles NE

15. Brief History:

located 1913

16. Signature:

17. If Property for Sale, List Approximate Price and Terms:

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Mine file: HUMMINGBIRD SYNDICATE
2. Mine name if different from above:
3. County: Maricopa
4. Information from: Dave Wahl (c)

Company:

Address: P.O. Box 10758

Scottsdale, AZ 85271

Phone: 946-0559

5. Summary of information received, comments, etc.:

Mr. Wahl, Consulting Geologist, reports he has been retained by an Arkansas investor to investigate this property being explored and promoted by Hank Chapman with Golden State Limited of Kingman. Golden State has done trenching, sampling, road building and surveying work totaling perhaps \$5,000 on the property.

The property is described as having favorable Precambrian rocks that have been faulted probably during the Tertiary. Trenching reveals that the faults are now mineralized with carbonate and quartz veins and stringers in one area up to 25' wide. As sampling reveals 3-4 PPM Au in some narrower areas. The property remains of exploration interest.

Date: February 14, 1989

Nyal J. Niemuth, Mining Engineer

Phoenix Arizona Sept 13th 1912

On Sept 5 and 6th I visited and examined for the second time the group of gold claims known as the Humming Bird Group, and wish to add the following in addition to what is said in Mr Currys report

There are two parallel veins running nearly North and South, and about 300 feet apart. The ~~westly~~^{Eastly} vein is quartz well oxidized with iron, carrying free gold. This vein runs through a porphyry, and schist contact, shown in places, showing about 30 feet wide of vein matter.

A small vein of about 4 feet of vein matter running S.W. + N.E. ties these two veins together. Samples out of this vein show it to be a high grade gold ore.

The Westly vein is of green carbonates and black oxide of copper, with streaks of copper glance, and is a true fissure on a contact between porphyry and schist, and will be a big producer of copper, and may be rich in gold and silver.

John Baycraft

Phoenix, Arizona, September 12, 1912.

Mr. C. H. Howland,
Akron, Ohio.

My dear Sir:

I carefully studied the conditions existing at the Humming Bird group of mines in the Big Horn Mining district of Arizona, 15 miles westerly from Winter's Station, and in a northerly direction from the Palo Verde Company's camp about 8 miles. Having gone on the ground September 6, 1912 and spent three days in the examination, I am very well satisfied that you have the prospects of a large gold property.

The four claims which cover the mineral outcrop contained in this group show a strong mineralization, and a rather flattering showing of gold values in a very free state, particularly on the claims known as the Golden State Limited No 1 and 2. The large outcrop of the andesitic porphyry which occurs along the west line of mineralization and the precambrian schist on the easterly strike spells volumes for the possibility of a great depth of mineralization, particularly at the point where the quarta lode measured and sampled 17 feet wide on the Golden State Limited No.2, there is the strongest evidence of a large body of medium grade gold ore, which shows by hand panning to be entirely free. Manganese is disseminated throughout this ore, also a very great deal of iron oxide, peculiarly disseminated. There is every reason to believe that the gold values will predominate in this rock mass, and your work already started will undoubtedly reveal a very interesting condition.

The general facilities for operation in this particular section are reasonably good, wood for fuel can be had in plenty within a radius of 5 miles, and access to the property is not difficult, by little improvement in the road condition, automobiles and other transportation can be carried on.

The water question is of importance, and presently the

water is very scarce, but by cement dams at a point, at or near the southerly end of the property, you will impound a large amount of water in the wash that runs to that point, and possibly sufficient for mill purposes. There is also another water site, some three miles distant in a north-easterly direction from the property, which can be controlled and which may develop a large amount of water and meet the requirements of milling and the treatment of ores at the property by milling and cyanidation.

However the free condition of the ores at present, may possibly not require any more than the regular milling process of extraction up to 85 or 90% of the gold values. Any ores up to \$6.00 can be considered of a commercial character.

On the claim known as the Golden State Limited No.1, at a point some 1100 feet along the large outcrop, of ore already above mentioned in a southerly direction, there exists a large outcrop of quartz porphyry which you have already started to develop by shaft work; there is evidence of a second ore chute of a very high grade gold ore, and it is in such a condition at present it is impossible to determine the width of the ore chute, but there is every evidence of the gold values continuing in depth and of a very free condition.

I cannot make any statement as to the present values of the ore only by hand panning on the ground. The samples as taken will be a general representation of your surface showing, regular gold values may be depended on in depth as there is no place in Arizona, where the formation is any more promising for deep seated gold ores.

Respectfully yours,

D. Joseph Perry
Thos Bagcroft

REPORT ON THE HUMMING BIRD MINE.

Made June 1st, 1924.

The group of claims known as the Humming Bird Mine, consists of five (5) claims, known as the copper Belt No. 1 and No. 2, The Golden State Limited No. 1 and No. 2, and The Lead Dome, being about 85 acres of land, in all, and situated about 85 miles Northwest of Phoenix, Arizona, about 45 miles North of Palo Verde Post Office, following the road to Finters Well, and the Palo Verde mine and is about 15 miles North of the Palo Verde Mine, in the Big Horn Mining District, and are located in the foot hills of the Big Horn mountain with a level road for trucks or automobiles all the way from Phoenix.

These claims are about 45 miles from the railroad, at Palo Verde, but it is expected that the Railroad will be extended, and come much nearer to the property.

ORE.

There is copper ore on the property, but the main body of ore, will be gold and silver. The surface ore is oxidized, and is free milling. We have had a cyanide run made by Henry E. Wood & Company, of Denver Colorado, and 85% of the gold is easily recovered by this process at a nominal cost, and the cyanide process is the true and best method for recovering the values in the ore, and requires the least water.

VALUES.

Assays have shown all kinds of gold values from 95 cents to \$275 per ton in gold and 2 or three oz. of silver.

STATE OF DEVELOPMENT.

On the Golden State Limited No. 2 a shaft is down some 50 feet. At the point of discovery, on the surface the vein measured 19 feet wide and carried 95 cents in gold at 25 feet values increased to \$3.25 and now from a sample taken from the dump by R.D. Jones of Phoenix the values run from \$45 to \$47.50 in gold and silver, and Jones says that the bottom of the shaft is all in ore. Jones had never visited the property before, and took his sample at my request and without knowing anything about previous assays had shown. I have every reason for believing that his report is correct and that when I come to examine the property again, this information will be verified and the ore found in the shaft as represented.

0475

approx 2.3

13 3/4 2 20

16 25

what

WORKING.

If Jones report is verified, the shaft should be sunk 70 feet deeper and equipped with a gas or oil hoist, for getting the ore out. Also a portable (on wheels) air compressor large enough to run one drill. With this a very large amount of ore can be broken.

When this work is done, and the ore shown to exist, in reasonable quantity a 20 ton cyanide mill should be put up, as soon as water enough is secured to run it.

This mill should be built for as little as possible so that when the mine is further developed it can be scrapped if necessary, and a better one put up. To that end a 2nd class pair of rolls and a 2nd class crusher be used, and other things accordingly.

This kind of a mill will soon pay for its self and should be put up for \$15000 and will serve as a good prospecting mill.

WATER.

Water is the most serious problem at this property. There is a natural dam that can be fixed so that at times of rain, water can be stored, but this only answers for a short time.

Some 2 miles from this property, is a spring which Clarence Hann located as the Humming Bird Spring.

When I purchased his interest in the mine this spring was included representing a large part of the consideration, and was deeded to me by Hann, and Forest (see deeds) They agreed to open the spring up, and protect it from trespassers, and look after it, as a part of the deal. This spring was considered of sufficient volume to supply a mill on the property, and the water would run to the mine by gravity.

It now appears that Hann double crossed us, after working this deal with me he relinquished this spring to his half brother Cartright for \$500, and Cartright has gone on and developed a large quantity of water has located a ranch there: has 350 cattle, has built a house, and is in full possession at the present time.

Unless we can find another spring or develop water by drilling, which can probably be done, it will be necessary to deal with Cartright, and probably purchase his property, so as to secure a water supply.

VALUE OF THIS PROPERTY.

On this subject I will probably be considered crazy. It is reasonable to say however that if the present assays are verified and the report of Jones confirmed to the effect that the bottom of the shaft is all in ore, then say, that a million dollars can be taken out and not go below the 200 foot level. What may be got below that level and on other parts of the property I say nothing about except to suggest that it will be no small sum. I would not therefore sell the property until a large development has been made, and then, only on receiving a large consideration.

This property can be developed so that the mine will pay for everything, and if the ore will run \$35 or \$40 per ton it can be sent to the Smelter at El Paso ^{or Hazelton} and enough made in this way to pay for and erect a mill.

Stratton located the Independence mine in Cripple Creek. Probably if he had been offered \$25,000 for his location he would have taken it. However without money he developed the mine by selling ore, took out \$10,000,000 and then sold it for \$7,000,000 the parties to whom he sold are said to have taken out \$12,000,000 or \$14,000,000 and then sold the property to the Portland G.M. Company for \$100,000 who now have 14,000,000 tons of \$4.00 ore developed on the property. So that it pays to go slow, and not in a hurry to talk about selling this property. My personal belief is and always has been, that there is great wealth in the Humming Bird property and it now exists as a live asset, and is not to be despised. Few properties are located for working as good as this property.

LEAD DOME.

I have conducted a very careful test on the material in the vein running through the Lead Dome, being some 30 feet wide, and of lime formation. This vein carries very small values in silver and a trace of gold. My show that it is of no value and unless other veins are found on this claim the claim will be of no mineral value, and can be used for other purposes.

C. H. Howland

Phoenix - Oct. 7th, 1912.

Dear Sir,

I arrived home this evening and have read the letters that have come during my absence. I was 7 days out on the Humming Bird Group - I got through with the Survey on Sunday noon - but owing to the rain and cloudy weather the Star was not visible so the Surveyer stayed to get it, and I expect he will be here on Wed. and I will be here till Thursday - the rain delayed us very much. We surveyed 5 Claims and put up good monuments on Copper Belt Nos. 1 and 2, G S L Nos. 1 and 2 and Lead Dome.

I am going to lay out a Townsite (?) - butting on the north of the Lead Dome - and running up to north end of G S L No. 2, 1500 ft. east and west - which will take in the continuation of the Lead Dome where it runs into GSL No. 2 - also to claim to the south GSL No. 1 which will take in the damsite and one claim to the north of Copper Belt No. 2 which will take in some good copper ground - and some quartzite with good gold values. The assessment (pit ?) on Copper Belt No. 2 is 10 ft. 6 in. deep showing 4 ft of ore about 18 in. of it will go 15% in copper of a black oxide with a very pretty glance. Copper Belt No. 1 cut through 2 ft. copper ore about 8% into Porphyry Carbonate in the seams - the hole is 11 ft on face, 18 ft. long 4 wide. GSL No. 1 one hole 5 ft. got no ore - sank another hole 5 ft. west of this - struck the vein to the south side showing gold to the naked eye - this hole is 10 ft. deep - - on GSL No. 2 sank 19 ft. - red oxide quartz and porphery.

Sank 5 ft on Lead Dome in pure Calcite having a bluish tinge - the vein of Calcite at this point is about 20 ft. wide. I have not had any time to prospect yet but the Lead occurs in boulders and lumps - if yo u noticed those black dykes we took for Malipie - it is Calcite 30 ft. wide in some places - to the east of GSL No. 1 paralell with it.

I will be here till Thursday or till I get the chairman's affadavits from the Surveyor General - after I get through with this I hope to get some prospecting done on the property.

I have answered the questions you asked in this as well as on the papers - and hope it may be entirely satisfactory. I will let you know if anything more turns up before I leave.

Yours truly,

Thos. Baycroft

(I copied this from a handwritten letter, and could not make out a few of the words.)

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Copper Belt No 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase

by Edwood Fount and Clarence Stamm
Citizens of the United States
(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 8th day of July 1912

The length of this claim is 135 feet,

and we claim 135 feet.

in a Southwesterly direction and 135

feet in a Northwesterly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together

with 300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the Southwest

West of North to the Northwest course 20°

The claim is situated and located in the Big Horn Mining District, in

Maricopa County, in the State of Arizona, about 3 miles

in a Northwesterly direction from The Big Horn Peak

and is on old and abandoned ground

The surface boundaries of the claim are marked upon the ground as follows: Beginning at:

Stone Monument

at a point in a Southward direction 135 feet from

the discovery shaft (at which this notice is posted), being in the center of the South

end line of said claim; thence Easterly 300 feet to a Monument

, being the South East corner of said claim; thence

Northwesterly 100 feet to a Monument; being at the

North East corner of said claim; thence Westerly 300 feet

to a Monument at the center of the North end of said claim;

thence Westerly 300 feet to a Monument being at the

Northwest corner of said claim; thence Southwesterly S. 20° E 1500

feet to a Monument at the Southwest corner of said claim;

thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the grounds this 8th day of July 1912

Edwood Fount

Clarence Stamm

78 COMPARED

Excerpts from the Mining Laws of the State of Arizona.

Title XLVII of the Revised Statutes of 1901, and Amendments Thereto.

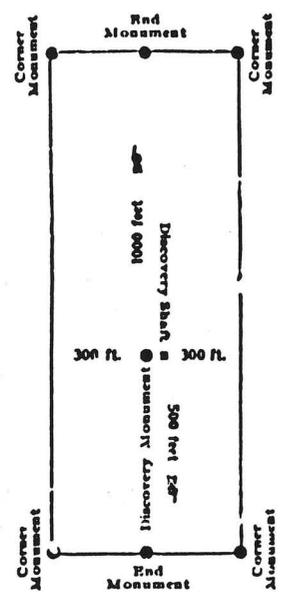
Sec. 2. Such location shall be made by erecting at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post, securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the name or names of the locator or locators.

Sec. 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed ninety days within which to do or cause to be done the following things:

2 To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.

Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end-line thereof.

Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Notice of Location

LODE CLAIM

SEP. 27. 1912

Dated _____, 191...

Filed and Recorded at request of
C. H. Stoveland
SEP 11 1912 A. D. 191...

at *9:11* of _____ M.,

Book *21-Mines*

Pages *4/3*

Norman Vaughan
County Recorder.

By _____
Deputy Recorder.

STATE ARIZONA,
County of *Maricopa* ss.
Norman Vaughan County Recorder in and for the County and
State aforesaid, do hereby certify that the within instrument was filed for record at _____ o'clock _____ P. M.
on this *11* day of *September* 191*2*, and duly recorded in Book No.
21 of *Mines* Records of *Maricopa* County, Arizona, at page *4/3*.

WITNESS my hand and official seal the day and year first above written.

Norman Vaughan
County Recorder.

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Golden State Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Edward Forest and Clarence L. Johnson of the United States (Locater must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 27th day of July, 1912

The length of this claim is 1500 feet,

and one claim 360 feet.

in a South direction and 1125

feet in a North direction from

the center of the discovery shaft, at which this notice is posted, length wise of the claim, together

with 300 feet in width of the surface grounds, on each side

of the center of said claim. The general course of the lode deposit and premises is from the South

to the North

The claim is situated and located in the Big Horn Mining District, in

Maricopa County, in the State of Arizona, about 3 miles

in a Southwest direction from the Big Horn Camp and

is old wood bed and road ground

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a Monument of stone

at a point in a Northwest direction about 10° East of North

feet from the discovery shaft (at which this notice is posted), being in the center of the North

end line of said claim; thence Southwest feet to a Monument

of stone, being the Southwest corner of said claim; thence

Southwest feet to a Monument of stone, being at the

South East corner of said claim; thence Westward 300 feet

to a Monument of stone at the center of the South end of said claim;

thence Westward 300 feet to a Monument of stone being at the

Southwest corner of said claim; thence Northward about 10° E. of North

feet to a Monument of stone at the North West corner of said claim;

thence Eastward 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the grounds this 27th day of July, 1912

Edward Forest
Clarence L. Johnson

STATE OF ARIZONA.
 County of Maricopa ss.
 I, Thomas L. Taylor, County Recorder in and for the County and
 State aforesaid, do hereby certify that the within instrument was filed for record at 9:01 o'clock A.M.
 on this 11 day of September 1912, and duly recorded in Book No.
21 of Miners Records of Maricopa County, Arizona, at pages 414

WITNESS my hand and official seal the day and year first above written.
Thomas L. Taylor
 County Recorder.

7826
 COMPARED

Notice of Location

LODE CLAIM

SEP 27 1912

Dated....., 191.....

Filed and Recorded at request of
W. H. Howland

SEP 11 1912 A. D. 191.....

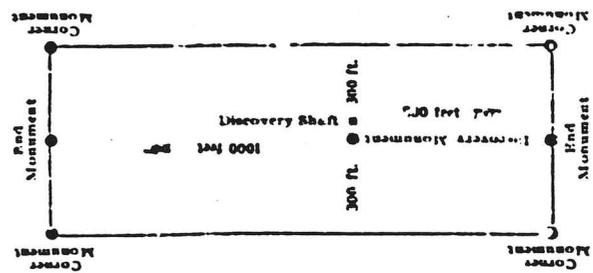
at 9:01 AM,
 Book 21 Miners
 Pages 414.

By Thomas L. Taylor
 County Recorder.

Deputy Recorder.

Handwritten signature

- Excerpts from the Mining Laws of the State of Arizona
- Title XLVI, of the Revised Statutes of 1901, and Amendments Thereto.
- Sec 2. Such location shall be made by staking at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the locator or names of the locator or locators.
- Sec 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed sixty days within which to do or cause to be done the following things:
- 1. To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.
- Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end line thereof.
- Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. If the diagram is placed 600 feet from the end and 1000 feet from the other, Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object or permanent monument, as will identify the claim.

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona

February 15, 1913.

I, U. S. Surveyor General for Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the Survey of the mining claim of

C. H. Howland

known as the Copper Belt No. 1, Copper Belt No. 2, Golden State Limited No.1, Golden State Limited No.2, Lead Dome.

situate in BIG HORN

Mining District, MARICOPA County,

ARIZONA, in Section Approx 8, Township No. 3 N.,

Range No. 8 W. Uns, and designated as Survey No. 3023

has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that less than five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimant or his grantors, and that said improvements consist of, at time of survey, 5 shafts and 1 cut, total value \$410.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

W. S. Ingalls

Surveyor General, Arizona

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

February 15, 1913.

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

C. H. Howland

known as the

COPPER BELT NO. 1, COPPER BELT NO. 2, GOLDEN STATE LIMITED NO. 1, GOLDEN STATE LIMITED NO. 2, LEAD DOLE.

situate in BIG HORN Mining District,

LARICOPA County, ARIZONA

Approx. in Section 8, Township No. 3 N., Range No. 8 W. Uns.

designated as Survey No. 3023

executed by Geo. C. Clark, U. S. Deputy Mineral

Surveyor, October 1-15, 1912, 190, under my instructions dated

September 28, 1912, 190, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant. for

survey is included in the field notes.

Charles H. Bell

U. S. Surveyor-General for ARIZONA.

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona, do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or his grantors, upon the mining claim of C. H. Howland

Conner Belt No.1, Conner Belt No.2, Golden State Limited No.1, Golden State Limited No.2, Lead Dome situate in Big Horn mining district, Maricopa County, Arizona

in Section 8, Township No. 3 N, Range No. 8 W. Unsur. that said improvements consist of, in addition to those reported at time of survey, 7 shafts and 21 feet in shaft No.1 on the Lead Dome lode, total additional value \$2487.55.

As improvement No.2 on the Conner Belt No.2 lode is a common improvement for the benefit and development of said lode and the Golden State Limited No.2 lode, and does not tend to develop the other claims in this group, an undivided one-half interest therein, value \$218.75, is properly credited to each of said lodges.

As improvement No.2 on the Golden State Limited No.2 lode is a common improvement for the benefit and development of said lode and the Golden State Limited No.1, Lead Dome and Conner Belt No.1 lodges, and does not tend to develop the Conner Belt No.2 lode, an undivided one-fourth interest therein, value \$210.95, is properly credited to each the said Golden State Limited No.2, Golden State Limited No.1, Lead Dome and Conner Belt No.1 lodges.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim. A copy of the report of Oliver C. Thompson, U. S. Deputy Mineral Surveyor, dated November 30, 1915, is hereto attached.

U. S. Surveyor General for Arizona

Office of U. S. Surveyor General.

Phoenix, Arizona.

November 11, 1915.

MINERAL SURVEY NO. 3023.
SUPPLEMENTAL REPORT OF IMPROVEMENTS.

10.30.191

I hereby certify that the value of labor performed and improvements made upon or for the benefit of the claims embraced in Mineral Survey No. 3023 by the claimant, is not less than \$500.00 for each claim, and that said improvements, in addition to those which were reported at the time of making the survey, consist of:-

COPPER BELT NO. 2.

~~An undivided one half interest in Improvement No. 2, a shaft 4 x 6 x 41 feet, which bears N. 17° 09' W. 130 feet from S. E. C.~~
Value \$437.50. An undivided $\frac{1}{2}$ interest is allotted to this claim. Value\$212.75

The location of this shaft and the topography of the ground intervening renders it entirely feasible and natural to use the same for the purpose of mining operations on the northern portion of the GOLDEN STATE LIMITED NO. 2 claim of this survey, and I have accordingly credited an undivided half the value of said shaft to the claim last named as a common improvement.

See *6c/6a

Improvement No. 3, shaft 4 x 6 x 10 feet bears N. 17° 09' W. 180 feet from S. E. C.

Value\$ 50.00

Improvement No. 4, Shaft 4 x 6 x 28.5 feet, bears N. 21° 47' W. 709 feet from S. E. C.

Value\$281.25

GOLDEN STATE LIMITED NO. 2.

Improvement No. 2, ~~an undivided one fourth interest in a shaft 4 x 6 x 71.3 feet, bears S. 17° 28' E. 601 feet from F. E. C.~~
Value\$122.75

See * below

The location of this shaft and the character of the intervening topography renders it feasible and natural to use the same for the purpose of mining operations on the LEAD DOME, COPPER BELT NO. 1, and the GOLDEN STATE LIMITED NO. 1, claims of this survey, and I have accordingly credited an undivided interest in the value of said shaft to each of the three claims last above mentioned, as well as to the Golden State Limited No. 2 claim.

An undivided half interest in improvement No. 2 of the COPPER BELT NO. 1 claim of this survey.

Value\$218.75

COPPER BELT NO. 1.

Improvement No. 2, shaft 4 x 6 x 28 feet, bears N. 65° 45' E. 102 feet from S. T. C.

Value\$275.00

An undivided one fourth interest in improvement No. 2 of the GOLDEN STATE LIMITED NO. 2 claim of this survey.

Value.....\$210.95

GOLDEN STATE LIMITED NO. 1.

Improvement No. 2, shaft 4 x 6 x 29 feet bears S. 29° 11' E. 416 feet from Cor. No. 3.

Value\$287.50

Improvement No. 3, shaft 4 x 6 x 10 feet, bears E. 16° 15' E. 441 feet from Cor. No. 3.

Value\$ 50.00

An undivided one fourth interest in improvement No. 2 of the Golden State Limited No. 2 claim of this survey.

Value.....\$210.95.

LEAD DOME.

Improvement No. 1, Discovery, shaft 4 x 6 x 11 feet, bears E. 17° 00' E. 200 feet from S. T. C.

Additional interest in this claim as per survey on page

Value\$218.75

Phoenix 028655

The United States of America,

Do all in whose favor these presents shall come, Greeting:

WHEREAS, in pursuance of the provisions of the Revised Statutes of the United States, Chapter Six, Title Thirty-two, and legislation supplemental thereto, there have been deposited in the General Land Office of the United States the Plat and Field Notes of Survey and the Certificate of the Register of the Land Office at **Phoenix, Arizona,** accompanied by other evidence whereby it appears that **Charles H. Howland**

has entered and paid for the **Copper Belt No. 2, Golden State Limited No. 2, Copper Belt No. 1, Golden State Limited No. 1, and Lead Dome lode mining claims,**

designated by the Surveyor General as **Survey No. 3023, embracing a portion of the unsurveyed Public Domain, in the Big Horn Mining District, Maricopa County, Arizona,**

and bounded, described, and platted as follows: Beginning for the description of the **Copper Belt No. 2 lode claim at corner No. 1, a pine post four feet long, four inches square, marked 1 C. B. 2-3023, in mound of stone, from which U. S. Mineral Monument No. 3023 bears south ten degrees forty minutes east two thousand two hundred fifty-seven and nine-tenths feet distant;**

Thence, first course, north seventy-two degrees fifty-one minutes east three hundred feet to a point from which discovery shaft bears north seventeen degrees nine minutes west one hundred feet distant; six hundred feet to corner No. 2, a pine post four feet long, four inches square marked 2 C. B. 2-3023, in mound of stone;

Thence, second course, north seventeen degrees nine minutes west one thousand five hundred feet to corner No. 3, a pine post four feet long, four inches square, marked 3 C.B. 2-3023, in mound of earth and stone;

Thence, third course, south seventy-two degrees fifty-one minutes west six hundred feet to corner No. 4, a pine post four feet long, four inches square, marked 4 C.B. 2-3023, in mound of stone;

Thence, fourth course, south seventeen degrees nine minutes east one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Copper Belt No. 2 vein or lode;

Beginning for the description of the Golden State Limited No. 2 lode claim at corner No. 1, a pine post four feet long, four inches square, marked 1 G. S. L. 2-3023, in mound of stone, from which said U. S. Mineral Monument No. 3023 bears south one degree forty-six minutes west seven hundred eighty-five and ninety-five-hundredths feet distant;

Thence, first course, north seventy-two degrees fifty-one minutes east three hundred feet to a point from which discovery shaft bears north seventeen degrees nine minutes west eight hundred feet distant; six hundred feet to corner No. 2, a pine post four feet long, four inches square, marked 2 G.S.L. 2-3023, in mound of stone;

Thence, second course, north seventeen degrees nine minutes west one thousand five hundred feet to corner No. 3, identical with corner No. 2 of said Copper Belt No. 2 lode claim, also marked 3 G.S. L. 2-3023;

Thence, third course, south seventy-two degrees fifty-one minutes west six hundred feet to corner No. 4, identical with corner No. 1 of said Copper Belt No. 2 lode claim, also marked 4-G.S.L. 2-3023;

Thence, fourth course, south seventeen degrees nine minutes east one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Golden State Limited No. 2 vein or lode;

Beginning for the description of the Copper Belt No. 1 lode claim at corner No. 1, a pine post four feet long, four inches square, marked 1 C.B. 1-3023, in mound of stone, from which said U. S. Mineral Monument No. 3023 bears south sixty-nine degrees thirty minutes thirty seconds east one hundred twenty-eight and three-tenths feet distant;

Thence, first course, north sixty-nine degrees thirty minutes thirty seconds west three hundred feet to a point from which discovery cut bears north twenty degrees twenty-one minutes east four hundred seventy-three feet distant; six hundred feet to corner No. 2, a pine post four feet long, four inches square, marked 2 C.B. 1-3023, in mound of stone;

Thence, second course, north twenty degrees twenty-one minutes east one thousand three hundred sixty-five and seven-tenths feet intersect line 4-1 of said Golden State Limited No. 2 lode claim; one thousand five hundred feet to corner No. 3, a pine post four feet long, four inches in diameter, marked 3 C. B. 1-3023, in mound of stone;

Thence, third course, south sixty-nine degrees thirty minutes thirty seconds east five hundred feet to corner No. 4, a pine post four feet long, four inches square, marked 4 C.B. 1-3023, in mound of stone;

Thence, fourth course, south sixteen degrees thirty-two minutes west one thousand five hundred three and six-tenths feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Copper Belt No. 1 vein or lode;

Beginning for the description of the Golden State Limited No. 1 lode claim at corner No. 1, a pine post four feet long, four inches square, marked 1 G.S.L. 1-3023, in mound of stone, from which said U. S. Mineral Monument No. 3023 bears north fourteen degrees forty-eight minutes east two hundred forty-seven and eight-tenths feet distant;

Thence, first course, south seventy-two degrees fifty-one minutes west four hundred seventy-one and eight-tenths feet to a point from which discovery shaft bears north thirty-three degrees twenty-two minutes east nine hundred sixty-one feet distant; nine hundred forty-three and six-tenths feet to corner No. 2, a pine post four feet long, four inches square, marked 2 G.S.L. 1-3023, in mound of stone;

Thence, second course, north thirty-three degrees twenty-two minutes east one thousand five hundred feet to corner No. 3, a pine post four feet long, four inches square, marked 3 G.S. L.1-3023, in mound of stone;

Thence, third course, north seventy-two degrees fifty-one minutes east two hundred fifty-eight and seventy-four-hundredths feet intersect line 4-1 of said Copper Belt No. 1 lode claim; nine hundred forty-three and six-tenths feet to corner No. 4, a pine post four feet long, four inches square, marked 4 G.S.L. 1-3023, in mound of stone;

Thence, fourth course, south thirty-three degrees twenty-two minutes west one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Golden State Limited No. 1 vein or lode;

Beginning for the description of the Lead Dome lode claim at corner No. 1, a pine post four feet long, 4 x 6 inches, marked 1 L.D. 3023, in mound of stone, from which said U. S. Mineral Monument No. 3023 bears south sixty-five degrees thirty-nine minutes west eight hundred sixty-one and six-tenths feet distant;

Thence, first course, north eighty-seven degrees forty-five minutes east three hundred ten feet to a point from which discovery shaft bears north seventeen degrees nine minutes west three hundred feet distant; six hundred twenty feet to corner No. 2, a pine post four feet

long, four inches square, marked 2 L.D. 3023, in mound of stone;

Thence, second course, north seventeen degrees nine minutes west one thousand five hundred feet to corner No. 3, a pine post four feet long, four inches square, marked 3 L.D. 3023, in mound of stone;

Thence, third course, south eighty-seven degrees forty-five minutes west six hundred twenty feet to corner No. 4, a pine post four feet long, four inches square, marked 4 L.D. 3023, in mound of stone, situate on line 2-3 of said Golden State Limited No. 2 lode claim;

Thence, fourth course, south seventeen degrees nine minutes east one thousand five hundred feet to corner No. 1, the place of beginning; the survey of the lode claim as above described extending one thousand five hundred feet in length along said Lead Dome vein or lode; the premises, herein granted, containing ninety and six hundred sixty-two-thousandths acres.

NOW KNOW YE, That there is therefore, pursuant to the laws aforesaid, hereby granted by the United States unto the said
Charles H. Howland

the said mining premises hereinbefore described, and not expressly excepted from these presents, and all that portion of the said veins, lodes, or ledges, and of all other veins, lodes, and ledges throughout their entire depth, the tops or apexes of which lie inside of the surface boundary lines of said granted premises in said survey extended downward vertically, although such veins, lodes, or ledges in their downward course may so far depart from a perpendicular as to extend outside the vertical side lines of said premises: Provided, That the right of possession to such outside parts of said veins, lodes, or ledges shall be confined to such portions thereof as lie between vertical planes drawn downward through the end lines of said survey so continued in their own direction that such planes will intersect such exterior parts of said veins, lodes, or ledges: And provided further, That nothing herein contained shall authorize the grantee herein to enter upon the surface of a claim owned or possessed by another.

TO HAVE AND TO HOLD said mining premises, together with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereunto belonging, unto the said grantee above named and to **his heirs** and assigns forever; subject, nevertheless, to the above-mentioned and to the following conditions and stipulations:

FIRST. That the premises hereby granted shall be held subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local laws, customs, and decisions of the courts. And there is reserved from the lands hereby granted a right of way thereon for ditches or canals constructed by the authority of the United States.

SECOND. That in the absence of necessary legislation by Congress, the Legislature of **Arizona** may provide rules for working the mining claim or premises hereby granted, involving easements, drainage, and other necessary means to its complete development.

IN TESTIMONY WHEREOF, I, **Woodrow Wilson**

President of the United States of America, have caused these letters to be made, Patent, and the Seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, at the City of Washington, the **SIXTEENTH**
day of **MAY** in the year of our Lord one thousand
nine hundred and **SIXTEEN** and of the Independence of the
United States the one hundred and **FORTIETH**.

By the President:

By

Woodrow Wilson

M. P. Le Roy Secretary.

L. B. Lamar
Recorder of the General Land Office.

RECORD OF PATENTS: Patent Number

529021

66116 1912

4-662.

MINERAL SURVEY No 3023

LOT No.

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

C. H. Howland

KNOWN AS THE

Copper Belt No. 1, Copper Belt No. 2, Golden State Limited NO. 1, Golden State Limited No. 2, and Lead Dome

BIG HORN Mining District,

Maricopa County, Arizona, Approx.

Section 8, Township 3 N., Range 8 W., Unsur.

Surveyed under instructions dated September 28th., 1912

by Geo. C. Clark U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 1st., 1912

Survey completed October 15th., 1912

Thos. Baycroft, Atty. in fact, Claimant's Address - - - - - Phoenix, Ariz.

Cross-Stream Intersects 1/2 way Center of Stream

Copper Belt #.

beginning at cor. No. 1, the S. W. cor., identical with location and with cor. No. 4 Golden State Limited No. 2, & claim of this survey,

A pine post 4 ft. long, 4 ins. sq., set 1 ft in the ground in a mound of stones, scribed 1 C. B. 2-3023, whence

A rock 12x18x10 ins., set 1 ft. in the ground, chiseled + 1 - 3023 B. R. bears N 72° 51' E 23 ft.

U. S. M. M. No. 3023 bears S 10° 40' E 2257.90 ft.

Thence N 72° 51' E

*flagged w
2 yellow streamers
and 1 white streamer*

*flagged w. 1
yellow streamer*

50.00 To dry wash, 10 ft. wide, course southerly
300.00 To a pine post 3 ft. high, 4 ins. sq. in a mound of stones identical with location for S end center and with N end center Golden State Limited No. 2 of this survey,

*flagged w
2 yellow streamers*

600.00 To cor. No. 2, the S. E. cor., identical with location and with cor. No. 3 Golden State Limited No. 2 lode of this survey,
A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 2 C. B. 2 - 3023,

No bearing objects available

Thence N 17° 09' W

910.00 To center wash 150 ft. wide, course easterly
1500.00 To cor. No. 3, the N. E. cor., identical with location, in center of dry wash 50 ft. wide, course northeasterly,

*flagged w
1 yellow & 1
white streamer*

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in ground in a mound of earth and stones, scribed 3 C.B.2 - 3023, whence
A rock in place 10x24 ins., chiseled + 3-3023 B. R. bears N 72° 51' E 80.5 ft.

*found 3' post w scribe, undiscernable
could not find bearing rock.*

Thence S 72° 51' W

flagged w 1 yellow streamer

300.00 To a pine post 3 ft. high, 4 ins. sq. in a mound of stones, identical with location for N. end center,

530.00 To a wash 10 ft. wide, course here southeasterly,

*flagged w 1
yellow & 1
white streamer*

600.00 To cor. No. 4, the N. W. cor., identical with location,
A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 4 C.B.2 - 3023

No bearing objects available

found when wash had changed course & washed part of monument away - rebuilt it.

Thence S 17° 09' E

- 560.00 To center wash 150 ft. wide, course easterly,
- 945.00 To center wash 5 ft. wide, course northwesterly,
- 1500.00 To cor. No. 1, the place of beginning.

White streamer 410" N 17 9' W of Corner #1 to sight on Golden State Limited No. 2

S 17° 9' E

Beginning at cor. No. 1, the S. W. cor., identical with location,

flagged w 2 yellow streamers

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 1 G.S.L.2 - 3023, whence

A rock in place 12x24 ins, chiseled + 1-3023 B. R. bears N 72° 51' E 10.60 ft. *" + BR No 1 3023" confirmed bearing rock*
U. S. M. M. No. 3023 bears S 1° 46' W 785.95 ft.

Thence N 72° 51' E

flagged at P. tree 17' w of actual mark w 3 yellow streamers

- 86.94 To intersect line 4 - 1 Copper Belt No. 1 of this survey at S 16° 32' W 704.41 ft. from cor. No. 4

flagged w 1 yellow streamer

- 300.00 To a pine post 3 ft. high, 4 ins. sq. in a mound of stones, identical with location for the S. end center and with N end center Golden State Limited No. 1, a claim of this survey.

- 507.00 To center of wash 5 ft. wide, course southeasterly

- 600.00 To cor. No. 2, the S. E. cor., identical with location,

flagged w 2 yellow streamers

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 2 G.S.L.2 - 3023, whence

A + 2 - 3023 B. R. chiseled on a diorite outcrop 6 ft. high, bears N 17° 09' W 81 ft. *confirmed outcroppings no chisel markings*

U. S. M. M. No. 3023 bears S 31° 50' W

flagged w 2 yellow streamers

- 305.90 To center of wash 10 ft. wide, course here easterly

- 754.50 To wash 10 ft. wide, course easterly,

- 864.50 To cor. No. 4, Lead Dome lode of this survey,

- 1150.00 To wash, 10 ft. wide, course easterly,

- 1500.00 To cor. No. 3, the N. E. cor., identical with location and with cor. No. 2 Copper Belt No. 2 lode of this survey, hereinbefore described,

No bearing rock

to which I add 3 G.S.L 2 - 3023.

Thence S 72° 51' W

flagged w 1 yellow streamer
flagged w 2 yellow streamer and 1 white streamer

300.00 To the N end center, identical with location and with S end center Copper Belt No. 2 lode of this survey and hereinbefore described

550.00 To dry wash 10 ft. wide, course southerly

600.00 To cor. No. 4, the N.W. cor., identical with location and with cor. No. 1 Copper Belt No. 2 of this survey, described thereunder, to which I add 4-G.S.L.2 - 3023.

Thence S 17° 09' E

200.00 To wash 20 ft. wide, course southeasterly,

714.91 To intersect line 2-3 Copper Belt No. 1 lode of this survey at S 20° 21' W 134.30 ft. from cor No. 3

1120.00 To center wash 20 ft. wide, course northeasterly

~~1209.36 To intersect lode line Copper Belt No. 1 of this group at N 20° 21' E 973.20 ft. from the S end center of location,~~

1500.00 To cor. No. 1, the place of Beginning.

Copper Belt No. 1

Survey No. 3023

Beginning at cor. No. 1, the S. E. cor., identical with location,

flagged w 2 streamers, yellow

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones, scribed 1 C.B.1 - 3023, whence

A rock in place 12 x 18 ins., chiseled +1-3023 B. R bears S 69° 30' 30" E 7.10 ft. *found rocky " +1 BR" readable - confirmed -*

U. S. M. M. No. 3023 bears S 69° 30' 30" E 128. 30 ft.

Thence N 69° 30' 30" W

~~98.44 To intersect lode line Golden State Limited No. 1 of this survey at N 33° 22' E 546.70 ft. from the S end center of location,~~

240.00 To center of wash 6 ft. wide, course southerly

300.00 To a pine post 3 ft. high, 4 ins. sq. in a mound of

flagged w 1 streamer, yellow

Feet.

stones, identical with location for S end center.

406.16 To intersect line 2-3 Golden State Limited No. 1 of
flagged w yellow
wrap this survey at S 33° 22' W 555.72 ft. from cor. No. 3

600.00 To cor. No. 2, the S. W. cor., identical with locat-
 ion,

flagged w 2
yellow streamers A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the
 ground in a mound of stones, scribed 2 C.B.1-3023, whence

A rock in place 12x18 ins., chiseled + 2-3023 B. R.
 bears N 69° 30' 30" W 25.20 ft. *found potato rock @ 25ft.*
had been chiseled on, but unreadable
 Thence N 20° 21' E (6°)

1365.70 To intersect line 4-1 Golden State Limited No. 2 of
 this survey at N 17° 09' W 785.09 ft. from cor. No. 1. (1)

1500.00 To cor. No. 3, the N. W. cor., identical with location,

flagged w 2
yellow streamers An octagonal pine post 4 ft. long, 4 ins. diam., set 1
 ft. in the ground in a mound of stones, scribed 3C.B.1 -
 3023 whence.

A paloverde tree, 5 ins. diameter, scribed + 3 - 3023
 B. T. bears S 69° 30' 30" E 112.40 ft.

A rock in place 12 ins. sq., chiseled + 3 - 3023 B. R.
 bears N 69° 30' 30" W 5.90 ft. *remnant of post*

Thence S 69° 30' 30" E

40.00 To center of a 10 ft. wash, course northwesterly (1)

~~275.71 To intersect ledge line Golden State Limited No. 2 of
 this group at 723.10 ft. from the S end center of location~~

300.00 To a pine post 3 ft. high in a mound of stones, identi-
 cal with location for the N end center,

500.00 To cor. No. 4, the N. E. cor., identical with locat-
 ion,

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the
 ground in a mound of stones, scribed 4C.B.1 - 3023, whence

A rock in place 12 x 18 ins., chiseled + 4-3023 B. R.
 bears N 69° 30' 30" W 6 ft.

Thence S 16° 32' W

150.00 To center 20 ft. wash, course southeasterly,

~~320.24 To intersect ledge line Golden State Limited No. 2 of this survey at N 17° 09' W 319.60 ft. from the S end center of location~~

704.41 To intersect lines 1-2 Golden State Limited No. 2 and 3-4 Golden State Limited No. 1, claims of this group, at N 72° 51' E 86.94 ft. and 258.74 ft. from cors. Nos. 1 and 3 respectively,

1005.00 To center of wash 10 ft. wide, course easterly

~~1172.23 To intersect ledge line Golden State Limited No. 1, a claim of this survey at N 33° 22' E 887.80 ft. from the S end center of location,~~

1503.60 To cor. No. 1, the place of beginning.

Golden State Limited No. 1

Survey No. 3023

Beginning at cor. No. 1, the S.E. cor., identical with location

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 1G.S.L.1 3023, whence

A rock in place 12 ins. sq, chiseled + 1-3023 B. R. bears S 72° 51' W 10.10 ft. *found bearing rock, confirmed*

U. S. M. M. No. 3023 bears N 14° 48' E 247.80 ft.

Thence S 72° 51' W

430.00 To center of wash 12 ft. wide, course southwesterly,

471.80 To a pine post 3 ft. high, 4 ins. sq. set in a mound of stones, identical with location for the S end center

943.60 To cor. No. 2, the S. W. cor., identical with location,

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in ground in a mound of stones, scribed 2G.S.L.1- 3023 whence

A rock in place 12x18 ins., chiseled + 2-3023 B. R. bears N 72° 51' E 5 ft. *found bearing rock*

Thence N 33° 22' E

844.28 To intersect line 1-2 Copper Belt No. 1^{ode} of this survey at N 69° 30' 30" W 406.16 ft. from cor. No. 1

1290.00 To center of wash 10 ft. wide, course northwesterly

~~1315.61 To intersect ledge line Copper Belt No. 1 of this survey at N 80° 21' E 459.5 ft. from the S end center of location~~

*Flagged w
yellow streamers*

*Flagged w
yellow streamers*

*Flagged w
yellow wrap*

Feet.

1500.00 To cor. No. 3, the N. W. cor., identical with location,
A pine post 4 ft. long, 4 ins. sq., set 1 ft. in ground
in a mound of stones, scribed 3G.S.LL-3023, whence

*flagged w
2 yellow
streamers*

A palo verde tree 6 ins. diameter, scribed 3-3023 B. T.
bears N 74° 20' E 4.50 ft. *found dead tree trunk + monument*

(2391)

Thence N 72° 51' E

P.V. tree 171.80 To cor. No. 1 Golden State Limited No. 2 ^{1 lode} of this survey —
17' west 258.74 To intersect line 4-1 Copper Belt No. 1 ^{1 lode} of this survey at
*of actual mark
is flagged w
2 streamers* N 16° 32' E 799.19 ft. from cor. No. 1,

471.80 To a pine post 3 ft. high 4 ins. sq., set 1 ft. in ground *213*
in a mound of stones, identical with location for N. end

*flagged w 1 yellow
streamer* center and with S end center Golden State Limited No. 2
claim of this survey, *207*

678.80 To center of wash 5 ft. wide, course southeasterly *93*

771.80 To cor. No. 2 Golden State Limited No. 2 ^{1 lode} of this survey
*flagged w 2
yellow streamers* on intersection line 4-1 Lead Dome lode of this group at
N 17° 09' W 635.50 ft. from cor. No. 1 *168*

880.00 To center of wash 5 ft. wide, course southeasterly

943.60 To cor. No. 4, the N. E. cor., identical with location, *64*

*flagged w 2
yellow
streamers* A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the
ground in a mound of stones, scribed 4G.S.L.1-3023, whence

A rock in place 12x14 ins., chiseled + 4-3023 B. R.
bears S 72° 51' W 8.10 ft. *Confirmed bearing rock -
"3023" still on Post -
remnant*

Thence S-33° 22' W

55.00 To center of wash 5 ft. wide, course southeasterly,

222.59 To intersect line 4-1 Lead Dome lode of this survey at
N 17° 09' W 493.96 ft. from cor. No. 1

345.00 To intersect wash 5 ft. wide, course southerly,

440.00 To intersect wash 10 ft. wide, course southeasterly,

1500.00 To cor. No. 1, the place of beginning

Lead Dome

Beginning at cor. No. 1, the S. W. cor., identical with location,

flagged w 2 yellow streamers

A pine post 4 ft. long, 4x6 ins, set 1 ft. in the ground in a mound of stones, scribed 1 L.D. 3023, whence

A palo verde tree 10 ins. diameter, scribed 1+3023 B. T. bears N 17° 32' W 74.75 ft. *found dead tree @ 75'*

U. S. M. M. No. 3023 bears S 65° 39' W 861.60 ft.

Thence N 87° 45' E

87.00 To center 8 ft. wash, course northeasterly

310.00 To intersect lode line in center of 10 ft. wash, course northerly. *Wash filled in & grows over.*

flagged w 1 yellow streamer

316.40 To a pine post 3 ft. high, 4 ins. sq. in a mound of stones, identical with location for S end center, *2 ft of post left*

flagged w 2 yellow streamers

620.00 To cor. No. 2, the S. E. cor., identical with location, *Small part of post still in ground. Confirmed bearing rock*

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones, scribed 2 L.D. 3023, whence

A rock in place 1 ft. sq., chiseled 2-3023 B. R.

bears S 87° 45' W 10.70 ft. BR 4 + 3023

Thence N 17° 09' W

200.00 To center of wash 25 ft. wide, course northeasterly,

300.00 To center of wash 40 ft. wide, course southeasterly,

470.00 To center of wash 15 ft. wide, course southeasterly,

1500.00 To cor. No. 3, the N. E. cor., identical with location,

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 3 L.D. 3023, whence

A rock in place 2 ft. sq. chiseled + 3-3023 B. R. bears S 87° 45' W 9.10 ft.

Could only determine + in bearing rock - 20'

Thence S 87° 45' W

310.00 To a pine post 4 ft. long, 4 ins. sq. in a mound of stones, identical with location for the N end center,

320.00 To center of wash 10 ft. wide, course northeasterly, at its junction with a wash 6 ft. wide, course N.

flagged w yellow streamer

In corner with + 4 survey 1320

Feet.

620.00 To cor. No. 4, the N. W. cor., identical with location, on line 2 -3Golden State Limited No. 2 lode of this survey,

A pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, scribed 4 L.D. 3023, whence

An outcrop 2 ft. high, chiseled + 4-3023 B. R. bears N 76° 40 ' E 21.30 ft.

Could only confirm + BR in rock 23'
Thence S 17° 09' E

*flogged w
2 yellow
streamers*

110.00 To center of wash 10 ft. wide, course easterly,

558.60 To center of wash 10 ft. wide, course here easterly

864.50 To cor. No. 2 Golden State Limited No. 2^{lode} of this survey, and intersect line 3-4 Golden State Limited No. 1^{lode}, a claim of this survey, at S 72° 51' W 171.80 ft. from cor.

No. 4.

1006.04 To intersect line 4-1 same lode S33°22'W 222.59 ft. from cor 4

1210.00 To center of wash 12 ft. wide, course southeasterly,

1500.00 To cor. No. 1, the place of beginning.

141
494

Magnetic variation throughout survey 14° 30' E

Survey No. 3023

Feet.

PRESUMED COURSE OF VEINS.

As near as can be determined from present developments the veins of the several locations embraced in this survey extend as follows from their respective discovery points.

Copper Belt No. 2 lode

N 17° 09' W 1400 ft. and S 17° 09' E 100 ft.

Golden State Limited No. 2 lode

N 17° 09' W 700 ft. and S 17° 09' E 800 ft.

Copper Belt No. 1 lode

N 20° 21' E 1027 ft. and S 20° 21' W 473 ft.

Golden State Limited No. 1 lode

N 33° 22' E 539 ft. and S 33° 22' W 961 ft.

Lead Dome Lode

N 17° 09' W 1200 ft. and S 17° 09' E 300 ft.

Area

Total area Copper Belt No. 2	20.661 Acres
Total area Golden State Limited No. 2	20.661 "
Total area Copper Belt No. 1	18.941 "
Area in conflict with Golden State Limited No. 2	5.660 "
Area in conflict with Golden State Limited No. 1	4.955 "
Total area Golden State Limited No. 1	20.661 "
Total area Lead Dome	20.632 "
Area in conflict with Golden State Limited No. 1	0.279

Location

This survey is located on unsurveyed public lands, approximately in ^{Sec. 8,} T 3 N R 8 W, G and S. R. B & M, in the Big Horn Mining District, Maricopa County, Arizona.

Adjoining Claims

There are no neighbouring or adjoining claimants.

Expenditure of Five Hundred Dollars

Affidavit of five hundred dollars improvements will be filed when such improvements are completed.

The present improvements consist of:-

Copper Belt No. 2

No. 1 Discovery Shaft 4x6x10 ft. bears from S end center of location N 17° 09' W 100 ft. \$ 50.00

Golden State Limited No. 2

No. 1 Discovery Shaft 4x6x20 ft. bears from S end center of location N 17° 09' W 800.00 ft. \$160.00

Copper Belt No. 1

No. 1 Discovery Cut 10x4x20 ft., course S 69° 00' E bears from S end center of location N 20° 21' E 473.00 ft. \$ 50.00

Golden State Limited No. 1

No. 1 Discovery Shaft 4x6x10 ft. bears from N end center of location S 33° 22' W 539.00 ft. \$ 50.00

Lead Dome

No. 1 Discovery Shaft 4x6x10 ft. bears from S end center of location N 17° 09' W 300.00 ft. \$ 50.00

No. 2 Shaft 4x6x10 ft. bears from ccr. No. 1 N 30° E 215 ft.

OTHER IMPROVEMENTS. \$ 50.00

Copper Belt No. 1.

Shaft 4x6x8 ft., bears from S. end center N. 65° 43' E. 104 ft.

Shaft 4x6x8 ft., bears from S. end center N. 95° 43' E. 80 ft.

Copper Belt No. 2

Shaft 4x6x40 ft. bears from center Discovery Shaft No. 1 N 17° 09' W 6.00 ft.

Open -cut 4x18x10 ft., course S 75° 00' W bears from same point S 17° 09' E 72.00 ft.

Golden State Limited No. 1

Shaft 4x6x10 ft. bears from Discovery Shaft No. 1 S 56° 38' E 15.00 ft.

Shaft 4x6x40 ft. bears from same point S 1° 46' W 75.00 ft.

Instrument

The survey was made with a C. L. Berger & Sons transit No. 6072. The courses were deflected from the true meridian as

determined by direct solar observations, checked observations with a Berger solar attachment. The distances were measured with a 300 ft. steel tape.

Report

The lode line of each location of this claim was run directly upon the ground, and the several courses established by means of offsets from the same.

All tie lines were run either directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

Any disagreements in this survey with the location notices regarding the discovery points, are due to errors in the certificates of location.

U.S.M.M. No. 3023.

U. S. M. M. No. 3023 is a redwood post 8 ft. long 6 ins. sq., scribed U. S. M. M. No. 3023, the exact center is shown by an iron pin 18 ins. long, $\frac{1}{4}$ inch diam., driven 6 ins. into post.

The high ridge upon which it is located is on the N side of the Big Horn range, its general trend is S 3000 ft. from the wash on the Copper Belt No. 1 lode of this survey, this wash forming a part of its E and W boundaries.

A quartz-porphyry dike, 2-6 ft. high and 20-50 ft. wide forms the backbone of ridge from N to S, and the monument is placed exactly over a + chiseled in bedrock at the highest point of dike, with the additional figures U. S. M. M. No. 3023 cut adjoining the +. It is surrounded by a mound of stones 5 ft. high, 8 ft. base.

From the mineral monument the following bearing points were chiseled on the outcrop of dike:-

U. S. M. M. No. 3023 + L. R. bears N 0° 51' E 32.75 ft.

U. S. M. M. No. 3023 + B. R. bears N 12° 32' W 86.50 ft.

U. S. M. M. No. 3023 + B. R. bears 13° 51' E 23.10 ft.

Disc. Shaft. No. 1, Golden State Limited No. 1 lode of this survey bears N 1° 57' E 423.60 ft.

Disc. shaft No. 1 Golden State Limited No. 2 of this survey bears N 2° 37' E

Highest point Harquahala mountains bears N 46° 26' W

Bighorn Peak bears S 46° 57' W about 3 miles

As near as can be ascertained the town of Buckeye on the Arizona-Eastern R. R. is about S. E. 30 miles and the Vulture Mines northeasterly about 16 miles.

Report, continued

The latitude is $33^{\circ} 37'$ N as determined by direct solar observations, checked by an observation on Polaris at culmination, the longitude as near as can be determined is approximately 113° W

S. C. Clark
U. S. Mineral Surveyor

October 15th. 1912

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by George C. Clark
United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
boundaries described in the foregoing field notes of the survey of the mining claim of
C. H. Howland
known as the Copper Belt No. 1, Copper Belt No. 2, Golden State Limited No. 1,
Golden State Limited No. 2, Lead Dome
and showing the respective capacities in which they acted.

Clarence Haun, Chainman.
H. C. Darrough, Chainman.
Arman.
Flagman.

FINAL OATHS OF ASSISTANTS.

We, Clarence Haun
and
do solemnly swear that we assisted George C.
Clark, United States Deputy Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of
C. H. Howland
known as the Copper Belt No. 1, Copper Belt No. 2, Golden State Limited No. 1,
Golden State Limited No. 2, Lead Dome
represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his
direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and
correctly executed, and the corner and boundary monuments established according to law and the instructions
furnished by the United States Surveyor-General for Arizona.

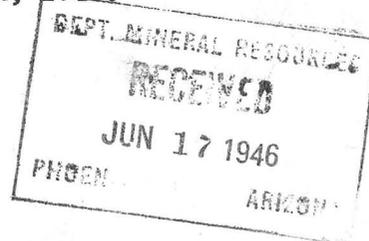
Clarence Haun, Chainman.
Chainman.
Arman.
Flagman.

Subscribed and sworn to by the above-named persons before me this
day of February, 1913.

J. H. P. ...
JUSTICE OF THE PEACE
BUCKEYE PRECINCT
Notary Public.

New Philadelphia, Ohio,
June 12th, 1946.

Department Mineral Resources,
Phoenix, Arizona.



Gentlemen;

During my usual sojourn in Phoenix last winter I called at your office and had a very pleasant conversation with your Mr. Rogers Manning, at whose suggestion this letter is written concerning a property in Arizona in which I am interested.

A part of the statements made herein are based on oral communications, some of which have been verified.

The Humming Bird Mining Syndicate was organized some years ago for the purpose of acquiring certain mining claims located in the Big Horn Mining District, Maricopa County, Arizona.

There is enclosed with this letter a surveyor's map, reference to which will be made herein.

The claims were patented and title obtained from the U. S. Government several years ago, but development work was discontinued.

The property, covering approximately ninety acres, consists of five claims known as Golden State Limited No. 1, Golden State Limited No. 2, Copper Belt No. 1, Copper Belt No. 2, and Lead Dome, as shown by the map.

The discovery shaft on Golden State Limited No. 1 was sunk to a depth of about forty six feet and some very high grade gold ore was mined and shipped. When I was at the property later about two quarts of samples were obtained by breaking small pieces from the larger lumps of ore on the dock. This entire amount was milled at the assay office in Phoenix and the assay showed a value of thirty one dollars and fifty cents per ton. All ore on the dump was removed later by some unauthorized persons.

There is a shaft on the Golden State Limited No. 2, which, according to report, is about eighty feet deep, but the ore taken from it was evidently of low value.

There is a shaft on the Lead Dome claim reported to be about sixty four feet deep, the timbering in which was in fairly good condition five or six years ago. No assays of this claim, or other valuations are available.

Miners who worked at the premises report that there is a spring on one of the claims. The Cartwright springs lie two or three miles to the north east.

Continued.

Two.

The claims seem to be generally mineralized though probably not to a workable extent, but the principal interest lies in the possibility of values in the vicinity of the discovery shaft on the Golden State Limited No. 1. where some high grade gold ore was mined. It has been reported that outcroppings of some good ore may be found two or three hundred feet to the south west of this shaft.

T The transfer of the property is one which the stockholders would decide, but if there were an opportunity to lease or sell a decision could be made within a reasonably short time.

Two land marks in the vicinity of the property are the Big Horn Peak, about two and a half miles west, and the Cartwright springs, about the same distance north by east.

Probably the easiest access to the property is by way of the road which leads south from the highway at Aguila, and the road or trail which leads to the Cartwright springs.

If perchance any of your field men should inspect this property I would be glad to hear from you.

On account of the undeveloped stage of the claims it seems impossible to use your printed form, hence the reason for writing instead.

Respectfully


I.M. Shively

Address;
Hotel Reeves,
New Philadelphia,
Ohio.

Approx. Sec. 8, T. 3 N., R. 8 W. Uns.

Am't deposited \$100.00
Cost of Office 94.00
Am't to be returned 11.00

Arizona Dept. Mineral Resources.

This is a Map of the claims to be acquired by the Humming Bid Mining Syndicate. Kindly hold it on call, as I may wish to use it later.
I.M. Shively,
Hotel Reeves,
New Philadelphia,
Ohio.

Claims Located Lead Dome July 1912
others July 8, 1912

Mineral Survey No. 3023

L.O.T. No. Arizona Land District.

PLAT OF THE CLAIM OF C. H. Howland

KNOWN AS THE
Copper Belt N^o 1, Copper Belt N^o 2,
Golden State Limited N^o 1, Golden
State Limited N^o 2, Lead Dome

IN Big Horn MINING DISTRICT,
Maricopa COUNTY, Arizona
Containing an Area of 90.662 Acres.
Scale of 300 Feet to the inch.
Variation 14° 30' E.

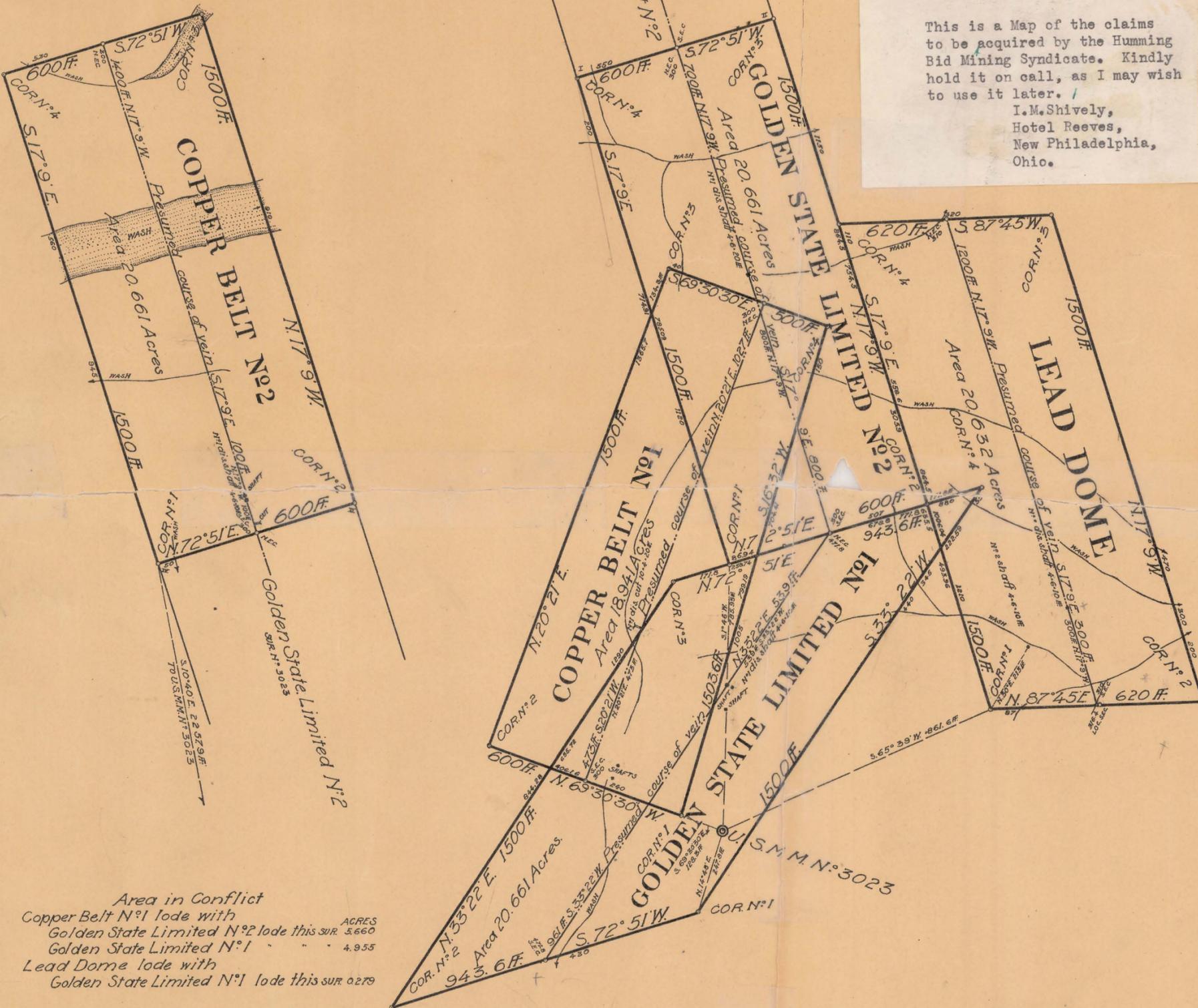
SURVEYED October 1-15 1912 BY
Geo. C. Clark
U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
C. H. Howland
known as the Copper Belt N^o 1, Copper Belt N^o 2,
Golden State Limited N^o 1, Golden State
Limited N^o 2, Lead Dome

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they furnish such an accurate description of said Mining Claim, as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.
I further certify that ^{less than} five hundred dollars worth of labor has been expended or improvements made upon each of said Mining Claims by claimant or its grantors, and that said improvements consist of 5 shafts and 1 cut, total value \$410.

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.
And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office. Frank J. Sigalla
Phoenix, Arizona. U.S. Surveyor General for
February 15, 1913. Arizona.



Area in Conflict
Copper Belt N^o 1 lode with
Golden State Limited N^o 2 lode this SUR. 5.660 ACRES
Golden State Limited N^o 1 " " 4.935
Lead Dome lode with
Golden State Limited N^o 1 lode this SUR. 0.279