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AUG 10 1904

AUG 25 1904

SEP 22 1904

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(4-683.)

Mineral Survey No. 1962

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. J. McCabe, W. L. Snodderly and
J. M. Johnson

KNOWN AS THE

New York-Lowe Stair, Chicago and Hobo
situate in Warren Mining District,

Cochise County, Arizona

Section appx, Township 33 S, Range 24 E Geo SRB & M

Surveyed under instructions dated June 27th, 1904

by Geo O. O'Leary
U. S. Deputy Mineral Surveyor.

Claim located see location notices, 1

Survey commenced July 15th, 1904

Survey completed August 8th, 1904

Post Office ^{o 6-160} address of claimants:
Bisbee Cochise County Arizona

1450
9/10
A. C. S. K.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Hugh Millington and Edward Leppien
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of G. J. McCabe, W. L. Snodderly
and J. M. Johnson
known as the Chicago, Lake Star, New York and Hobo
situate in Warren mining district
Cochise County, Arizona
in Section approx, Township No. 33S, Range No. 20 E. 1st S. B. 2 N.

Hugh Millington, Chainman.
Edward Leppien, Chainman.

Subscribed and sworn to by the above-named persons before me this
13th day of July, 1909.
Corral Smith

I, _____, do solemnly swear that I will well and truly perform the duties of axman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the _____
more fully described in the preceding affidavit.
_____, Axman.

Subscribed and sworn to by the said _____
before me this _____ day of _____, 190_____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the _____
more fully described in the preceding affidavit.
_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____, 190_____

CHICAGO.

Feet

Beginning at Cor.No.1, the **SE.** cor., identical with location and with Cor.No. **2 Lone Star** lode of this survey, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 1-1962 C. L., whence a pine post of same dimensions and scribed W. C. 2-1-1962 brs. N. 43° 58' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 50 ft., and the NW. cor. Sec. 30. Tp. 23 S. R. 25 E. & S. R. B & M. brs. N. 86° 44' 30" E. 4538.0 ft.

Thence S. 43° 58' W.

300.35 along line 6-5 Hobo lode of this survey, to original location for S. end center, *508.7 ft same bearing to the intersection of line 15-1 Sitka lode, survey No 1781 at S 52° 53' E 81292.2 ft from Cor No 4.*

600.7 same bearing to Cor. No. 2, the SW. cor., identical with location and with Cor.No. 5 Hobo lode of this survey, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 2-1962 C.L., whence a pine post of same dimensions and scribed 2-5-1962 brs. N. 43° 58' E. 25 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 25 ft.

Thence N. 48° 30' W.

1284.5 to Cor.No. 4 and the SE. cor. respectively of Sitka lode Survey No. 1781 and Steuben lode, unsurveyed,

1500.0 same bearing to Cor.No. ³1, the NW. 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 3-1962 C.L., whence a pine post of same dimensions and scribed ^{W. C. 3-1962} brs. N. 43° 58' E 50 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 50 ft.

Thence N. 43° 58' E.

300.35 to original location for N. end center,

600.7 same bearing to Cor.No.4, the NE. cor., identical with location and with Cor.No. 3 Lone Star lode of this survey, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in

Chicago (Con)

Feet

a mound of stones and scribed 4-1962 C.L., whence a pine post of same dimensions and scribed ^{W.C.3-4-1962} brs. N. $43^{\circ} 58' E.$ 50 ft., and a second pine post of same dimensions and scribing brs. S. $43^{\circ} 58' W.$ 50 ft.

Thence S. $48^{\circ} 50' E.$

1500.0 to Cor.No.1, the SE. cor., the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the N. end center of location S. $48^{\circ} 50' E.$ 1500 ft.

LONE STAR.

Beginning at Cor.No.1, the SE. cor., identical with location and with Cor.No.2, ^{New York} lode of this survey a pine post 4 ft. long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 1-1962 L.S.L., whence a pine post of same dimensions and scribed W. C. 1-2-1962 brs. S. $43^{\circ} 58' W.$ 50 ft., and a second pine post of same dimensions and scribing brs. N. $43^{\circ} 58' E.$ 28 ft. and NW. cor. Sec.30 Tp. 23 S. R. 25 E. G & S.R.B & M. brs. S. $27^{\circ} 17' E.$ 3912.5 ft.

Thence S. $43^{\circ} 58' W.$

300.35 to original location for S. end center

600.7 same bearing to Cor.No.2, the SW. cor., identical with location and with Cor.No.1 Chicago lode of this survey, a pine post etc., scribed 2-1962 L.S.L.

Thence N. $48^{\circ} 50' W.$

1500.0 to Cor.No.3 the NW. cor., identical with location and with Cor.No. 4 Chicago lode of this survey, a pine post etc and scribed 3-1962 L.S.L.,

Thence N. $43^{\circ} 58' E.$

300.35 to original location for N. end center,

600.7 same bearing to Cor.No.4, the NE. cor., identical with location and with Cor.No.3 New York lode of this survey, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 4-1962 L.S.L., whence a pine post of same dimensions and scribed W. C.3-4-1962 brs. N. 43°

Lone Star (Con)

Feet

58' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 50 ft.,

Thence S. 48° 50' E.

1500.0 to Cor.No.1, the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the N. end center of location S. 48° 50' E. 1500 ft.

NEW YORK.

Beginning at Cor.No.1, the SE.cor., identical with location a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 1-1962 N.Y.L., whence a pine post of same dimensions and scribed W. C. 1-1962 brs. N. 48° 50' W. 50 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 50 ft. and NW. cor. Sec. 30 Tp. 23 S. R. 24 E. G & S. R. E & M. brs. S. 79° 58' 30" E. 3551.2 ft.

Thence S. 43° 58' W.

300.35 to original location for S. end center,

538.7 same bearing to Cor.No.6 Hobo lode of this survey,

600.7 same bearing to Cor.No.2, the SW. cor., identical with location and with Cor.No.1 Lone Star lode of this survey, a pine post, etc., and scribed 2-1962 N.Y.L.,

Thence N. 48° 50' W.

1500.0 to Cor. No. 3, the NW. cor., identical with location and with Cor.No.4 Lone Star lode of this survey a pine post etc and scribed 3-1962 N.Y.L.,

Thence N. 43° 58' E.

300.35 to original location for N. end center,

600.7 same bearing to Cor.No.4, the NW. cor., identical with location, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 4-1962 N.Y.L., hence a pine post of same dimensions and scribed W. C. 4-1962 brs. S. 48° 50' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 50 ft.

Feet

1500.0 Thence S, 48° 50' E
to Cor.No.1, the place of beginning.
Ledge.
The presumed course of the vein on this claim is from
the N. end center of location S. 48° 50' E. 1500 ft.
HOB0.
Beginning at Cor.No.1, the NE.cor., a pine post 4 ft. long
4 ins. sq. set 1 ft. in the ground in a mound of stones and
scribed 1-1962 H.L., whence a pine post of same dimensions
and scribed W. C. 1-1962 brs. N. 45° 46' E. 25 ft., and a
second pine post of same dimensions and scribing brs. S.
45° 46' W. 25 ft. and the NW. cor. Sec.30 Tp.23.S.R.25 E
G.&S.R.B & M. brs. S. 37° 13' E. 3824.2 ft. and original
location brs. S. 48° 50' E. 1500 ft.
Thence S. 45° 46' W.

7.0 to the intersection of a side line of an unsurveyed fraction
427.9 same bearing to Cor No.2 a pine post 4 ft. long 4 ins. sq.
set 1 ft. in the ground in a mound of stones scribed
2-1962 H.L., whence a pine post of same dimensions and
scribed W. C. 2-1962 brs. N. 45° 46' E. 25 ft., and a
second pine post of same dimensions and scribing brs. S.
45° 46' W 25 ft.

73.4 Thence S. 79° 10' E.
to Cor.No.3, a pine post 4 ft. long 4 ins. sq. set 1 ft. in
the ground in a mound of stones and scribed 3-1962 H.L., whence
a pine post of same dimensions and scribed W. C. 3-1962 brs.
S. 44° 53' W. 25 ft., and a second pine post of same di-
mensions and scribing brs. N. 44° 53' E. 25 ft.

874.3 *line IV-I Sitka Lode Survey No 1781 at 50 52° 55' W 8.1 ft from Cor No 4*
same bearing
to Cor.No4, the SW. cor., identical with location a pine
post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a
mound of stones and scribed 4-1962 H.L., whence a pine post
of same dimensions and scribed W. C. 4-1962 brs. S. 44°
53' W. 25 ft., and a second pine post of same dimensions
and scribing brs. N. 44° 53' E. 25 ft.

HOBO (Con)

Feet

and Cor. No. 2 Sitka lode, Survey No. 1781 brs. S. 48° 50' E.
 9.8 ft.
 Thence N. 48° 50' W.
 68.2 to original lo-
 location for W. end center,
 102.2 same bearing to Cor. No. 5, the NW. cor., identical with
 location and with Cor. No. 2, Chicago lode of this survey,
 a pine post etc., and scribed 6-1962 H.L.,
 Thence N. 43° 58' E. 92.0 to the intersection of
 line 1-1 Sitka lode Survey No. 1781 at S 52° 55' E 1292.2 ft from Cor. No. 4
 600.7 to Cors. No. 1 and 2 respectively of Chicago and Lone Star
 lodes of this survey,
 1201.4 same bearing to Cors. No. 1 and 2 respectively Lone Star and
 New York lodes of this survey,
 1263.4 same bearing to Cor. No. 6, the NW. cor. identical with lo-
 cation and with the Cor. of an unsurveyed fraction, a pine
 post 4 ft. long 4 ins. sq set 1 ft. in the ground in a mound
 of stones and scribed 6-1962 H.L., whence a pine post of
 same dimensions and scribed W. C. 6-1962 brs. N. 43°
 58' E. 25 ft., and a second pine post of same dimensions
 and scribing brs. S. 43° 58' W. 34 ft. and the point of
 intersection of line 1-2 of this survey with the S. side line
 of an unsurveyed fraction brs. S. 42° 57' E. 67.9 ft.
 Thence S. 48° 50' E.
 34.0 to original location for E. end center,
 68.1 same bearing to Cor. No. 1, the place of beginning.

Ledge.

The presumed course of the vein on this claim is
 from the W. end center of location N. 43° 58' W. 1263.4 ft.

AREA.

Total and net area Chicago lode	✓	20,661 acres	
" " " "Lone Star,"	✓	20,661	
" " " "New York"	✓	20,661	
Total area Hobo	✓	2,716 A.	
Less area in conflict with un- surveyed fraction	✓	0.005	
Net area Hobo lode	✓	2,711	
Net area Group	✓	64,694 A	

Improvements.

I hereby certify that the value of the labor and improvements on this group placed thereon by claimants or their grantors is as follows:

CHICAGO.

No. 1	Discovery shaft 4X6X10 ft. brs. from Cor. No. 4 S. 15° 5' W. 375 ft., Value	\$100.00	
No. 2	Shaft 4X6X8 ft. brs. from same point S. 84° 5' W. 400 ft. Value	80.00	
No. 3	Shaft 4X6X12 ft. brs. from same point S. 12° 50' E. 250 ft., Value	<u>120.00</u>	
	Total improvements Chicago lode,		\$300.00

LONE STAR.

No. 1	Discovery shaft 4X6X10 ft. brs. from Cor. No. 3 N. 72° 40' E. 360 ft., Value	\$100.00	
No. 2	Shaft 4X6X10 ft. brs. from same point N. 81° 45' E. 520 ft., Value	100.00	
No. 3	Shaft 4X6X12 ft. brs. from same point N. 85° 25' E. 750 ft., Value	120.00	
No. 4	Shaft 5X6X5 ft. brs. from same point S. 82° 30' E. 535 ft., Value	50.00	
No. 5	Open Cut 4X6X12 ft. and tunnel 4X6X10 ft. course S. 25° W. br. from same point S. 70° 55' E. 485 ft Value	275.00	
No. 6	Shaft 5X6X30 ft. brs. from same point N. 86° 45' E. 535 ft., Value allotted to Hobo lode of this survey	<u>\$450.00</u>	
	Total improvements on Lone Star lode,		645.00

NEW YORK.

No. 1	Discovery Shaft 4X6X10 ft. brs. from Cor. No. 4 S. 20° 35' W. 345 ft., Value	\$100.00	
No. 2	Shaft 6X8X12 ft. brs. from same point S. 8° 45' W. 370 ft., Value	200.00	
No. 3	Shaft 4X6X10 ft. brs. from Cor. No. 1 S. 71° 10' W 520 ft., Value	<u>100.00</u>	
	Total value improvements New York lode		400.00

	HOBO.	
No.1	Discovery shaft 4"X10 ft. brs. from E. end center of location S. 43° 58' W. 50 ft., Value	\$100.00
	An undivided interest in shaft No.6 Lone Star lode of this survey	<u>450.00</u>
	Total improvements on Hobo	<u>\$550.00</u>
	Total improvements on group	<u>\$1895.00</u>
Note	Complete affidavit of \$500 improvements will be furnished before the ^{expiration} of publication.	
	ADJOINING CLAIMS.	
North	Wise No.5 and No.7 lodes, unsurveyed, Jacob Pirrung owner. Unserved fraction, owner unknown.	
East.	McKinley Fraction, unsurveyed, L.C.Shattuck, et all owners Logan <i>Lode</i> , unsurveyed, same owners	
South	Blaine lode unsurveyed same owners. Copper Crown, Penobscot, Belcher, lodes unsurveyed Bisbee Queen Dev.Co.owner.	
West	Sitka lode, Survey No1781 Jacob Pirrung owner. Steuben lode, unsurveyed, same owner.	
	- LOCATION -	
	This group is located about 3 mi. in a S E. direction from the City of Bisbee, on unsurveyed lands in the Warren Mining District, Cochise County, Arizona, approximately in Tp. 23. S. . 24. E. G & S.R.B & M.	

INSTRUMENT.

This survey was made with a Leitz Mountain and Mining transit. The courses were deflected from the true meridian as determined by solar observation, checked by an observation on Polaris. The distances were measured with a 300 feet steel tape.

Magnetic Variation $12^{\circ} 30' E$.

Geo. C. Clark

U.S. Deputy Mineral Surveyor.

Bisbee, Arizona,

August 8th 1904.

DEPARTMENT OF THE INTERIOR,

OFFICE OF THE U.S. SURVEYOR-GENERAL,

Phoenix, Arizona, November 21, 1905.

I, Frank S. Ingalls, U.S. Surveyor-General for the District of Arizona, hereby certify that the area of the conflict, between the Hobo lode, included in Mineral Survey No. 1962, and covered by Mineral Entry No. 864 (former Tucson series) with the Sika lode of Survey No. 1781, amounts to .226 acres.

(Signed) Frank S. Ingalls,

U.S. Surveyor-General.

DEPARTMENT OF THE INTERIOR,

GENERAL LAND OFFICE,

WASHINGTON, D. C.

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In the matter of Mineral Entry)
 No. 864 for the New York,
 Lone Star, Chicago, and
 Hobo Lodes.

territory of Arizona,)
 county of Cochise.) S. S.

J. A. Sherwood being first duly sworn, deposes and says that he is a citizen of the United States over the age of twenty-one years and resides at Bisbee in said Cochise County; that he is well acquainted with the local mining districts known as the New York, Lone Star, Chicago and Hobo Lodes included in mineral entry No. 864. Affiant further states that he has resided in and about the copper mining camps of Arizona for a number of years past past and is well acquainted with the methods, systems of working and developing copper mines in Arizona, and particularly throughout the Warren Mining District, in which the lode claims embraced in this mineral entry are situated. That the valuable ore which is found in paying quantities and can be worked at a profit is found in this district and throughout the immediate neighborhood of the mining claims embraced in this entry always occurs at great depth; that the rich and valuable ore seldom appears on the surface and that there are very few large and well defined lodes or leads on the surface such as are found in some other copper districts where there are well defined contact veins, and that the rich and valuable ore does not ordinarily appear in ledges and veins discernible on the surface, such as are found in connection with gold mines and gold bearing ledges.

3.

In doing the work on the claims embraced in this entry the greater part of it was done near the North-western end of the group for the purpose of exploring as far as possible certain dikes of coarse grained basalt discovered in three or four points on the New York and Lone Star claims, and also to prospect a silicious heavily iron stained capping from thirty to fifty feet in width, extending in a south-easterly direction from shaft No. 6 of the Lone Star Lode toward the Hobo Lode. At the point where the shaft was sunk the jasperoid material of out-crop carried a small amount of copper in the form of malachite in the cracks of the rock. At a depth of about six feet this highly silicious capping was penetrated and for the next few feet the rock was a badly crushed shale; beneath this was limestone showing orecciation and cementation by calcite; occasionally small pieces of calcite or copper glance appear in this rock. This fracturing is believed to be along a shear zone extending in a general south-easterly direction toward the Hobo Lode but of which no sign appears on the surface of the Hobo Lode, part of which is masked by conglomerate of an age later than the ore bearing limestones. While there is no such continuous out-crop so as to constitute a vein or lead, this small faulting zone is worth exploration, and the prospector owning all the claims of this group and bent on doing his development work for the Hobo Lode to the best advantage, and knowing the manner in which ore occurs in the Warren Mining District, would naturally expend his labor at the point where the work was done on the Lone Star Lode, and in following the dikes of the intrusive rock in the vicinity, thus tend to develop the geological formation of the claims and the indications of the mineral found in the development work of the Warren Mining District. It is not even expected that this shallow surface work will disclose ore bodies. With the exception of the original workings of the Copper Queen Mining

8.

co., the ore bodies in the Warren Mining District lie at the depth of from five hundred to eleven hundred feet. These shear zones and dikes may be important features in determining the situation of the ore bodies and on them the development work is best expended for the exploration of the geological conditions so that a proper location may be found for a deep working shaft on the group.

The presumed course vein marked on the Hobo lode to comply with the regulations does not trace the actual course of the lode. The known copper ore deposits of the Warren Mining District in no case exist in the form of lodes or veins. The deposits are irregular, rudely tabular masses found without defined walls. Furthermore they do not out-crop.

Owing to the fact that there are few well defined lodes and veins of copper ore appearing ^{ing} from the surface, a large portion of the Warren Mining District, although known to contain some copper in small low grade veins, until recently remained undeveloped; that the surface showing as the same appears throughout this portion of the district is not sufficient to warrant or authorize the sinking of a shaft of the necessary depth to develop and prove the value of each claim and sinking one shaft which will develop a number of claims is better practice. This is due to the fact that valuable ore lies at such great depth that one claim is seldom of the sufficient value to pay for the sinking of the necessary shaft when it is not definitely known that the ore will be of sufficient richness at great depth to pay for the work involved.

The present acknowledged system for the proper development in this district and a system that has made the development of this district a possibility of late years is to thoroughly and carefully prospect a section of ground embracing anywhere from five to thirty claims and after

4.

prospecting the same to sink the necessary shafts and do the surface work necessary to make a careful geological study of the formations found and to then select that point which good mining experience would indicate as the more advantageous and from that point sink a deep shaft and from the bottom of the shaft run various drifts into the surrounding country and from these drifts winzes and raises as mining judgment dictates. Affiant further states that in his opinion the shaft on the Lone Star Lode which was credited by the Deputy Mineral Surveyor as expenditure for the said Hobe Lode better tends to the development of the said Hobe Lode than if the same amount of work were done within the boundary lines of the said claim.

J. A. Sherwood

Subscribed and sworn to before me on this the 20th day
of October
of 1905.

My commission will expire January 6th 1908

J. M. O'Connell

Notary Public in and for the
Territory of Arizona, County of
Cochise.

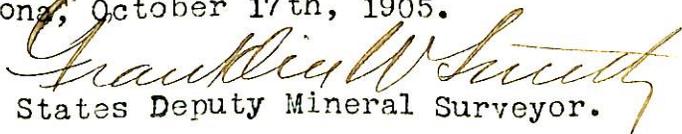
CERTIFICATE OF IMPROVEMENTS.

Mineral Survey No.1962 for Hobo Lode
Mining Claim, situated in the Warren
Mining District, Cochise County,
Territory of Arizona, owned by George J.
McCabe and W.L.Snodderly.

I, Franklin W.Smith, U.S.Deputy Mineral Surveyor, do hereby certify that George C.Clark, the U.S.Deputy Mineral Surveyor who made and returned official survey No.1962 for the Hobo et.al.Lode Mining Claims, has removed from the Territory of Arizona and is not now within the Territory of Arizona; that I am thoroughly familiar with the claims included in Mineral Survey No.1962 and the improvements placed upon the same both before and after the date of survey and prior to the date of the expiration of the period of publication of the notice of application for patent thereon, and also with the method of prospecting approved by all successful miners in the Warren Mining District; that I have made a careful examination of the geological conditions and surface indications for ore on the claims included in this survey, and I hereby certify that the work credited to the Hobo Mining Claim in said survey as an undivided interest in shaft No.6 on the Lone Star Lode of said survey is a benefit to and tends to the development of the said Hobo Lode more than if an equal amount of development work were done within the boundaries of said Hobo Lode.

And I further certify that the value of the labor and improvements on the Hobo Lode Mining Claim of said survey and the undivided interest in Shaft No.6 of the Lone Star Lode of this survey that was placed thereon by the said claimants was not less than Five Hundred Dollars prior to the date of the expiration of the publication of the application for patent thereon.

Dated at Bisbee, Arizona, October 17th, 1905.


United States Deputy Mineral Surveyor.

OFFICE OF THE U.S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 25, 1905.

I, Frank S. Ingalls, U.S. Surveyor-General for the District of Arizona, hereby certify that the foregoing affidavit of J.A. Sherwood and report of Franklin W. Smith, U.S. Deputy Mineral Surveyor, is a true statement of the conditions as they actually exist in the Warren Mining District, Cochise County, Arizona, and I further certify that the work done in Shaft No. 6, on the Lone Star lode, included in Mineral Survey No. 1962, is for the development of the Hobo lode of said survey, and the cost of said shaft is properly credited to the development of the said Hobo claim.

As set forth in the affidavit of J.A. Sherwood, the ore deposits in the copper mining districts of Arizona, are usually found at great depth, and surface workings are of no benefit to a mining claim from a practical mining standpoint.

Where a group of claims are held under a common ownership, the surface prospecting is done, merely to determine the best place to sink a shaft for the development of all the claims of the group. This is the method followed by the successful mining companies in all the copper mining districts of Arizona, and is especially true of the Warren mining district, and I therefore, further certify that with Shaft No. 1 on the Hobo lode, valued at \$100 and open cut, No. 2, valued at \$100, together with the undivided interest in Shaft No. 6 on the Lone Star lode, for the development of the Hobo lode, valued at \$450, the expenditures upon or for the benefit of the said Hobo lode, exceeds \$500, as required under Section 2325, Revised Statutes, and that said improvements were made prior to the expiration of the period of publication of notice of application for patent.


U.S. Surveyor-General.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo O. O'Leary
 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 G. J. McCabe, W. L. Snodgrass, and F. M. Johnson
 known as the New York, Lone Star, Chicago, and Hobo
 and showing the respective capacities in which they acted.

Hugh Millington, Chairman.
Edward Leppien, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Hugh Millington
 and Edward Leppien, do solemnly swear that we assisted Geo O. O'Leary
 _____, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of G. J. McCabe, W. L. Snodgrass
and F. M. Johnson
 _____, known as the Chicago,
New York, Lone Star and Hobo, 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

Hugh Millington, Chairman.
Edward Leppien, Chairman.
 _____, Axman .
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 8th day of August, 1908

Corral Smith

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo O Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 27th 1904 have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions

of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of G. J. McCabe, W. L. Snoddenly and J. W. Johnson, known as the Chicago, New York, Lone Star, Hobo situate in Maricopa Mining District,

Cochise County, Arizona, in Section approx, Township No. 23 S, Range No. 24 E 5th S R 13 W

and designated as Survey No. 1962, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or them grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Geo O Clark
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo O Clark
U. S. Deputy Mineral Surveyor, before me

this 8th
day of August, 1904

Conrad Smith

TERRITORY OF ARIZONA,

20

County of Cochise, SS.

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original Location Notice of the New York Mining claim, filed and recorded in my office on the 13th day of May 1902, in Book 20 Record of Mines, at page 271, and that the same is a full, true and correct copy of such original, and of the whole thereof.

Witness my hand and official seal this 22, day of June 1904.

Frank Hare
County Recorder.

Notice of Mining Location

21

LODE CLAIM

To All Whom it May Concern:

This Mining Claim, the name of which is the New York
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 purposes of exploration and
purchase by G. M. Porter

(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 26th day of April 1902

The length of this claim is 1500 feet,
and I claim 130 feet,
in a Northerly direction and 1370
feet in a Southerly 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

Southerly to the Northerly

The claim is situated and located in the Warren Mining District, in
Cochise County, in the Territory of Arizona, about 3 1/2 miles
in a Southerly direction from Bisbee. It adjoins
The Lone Star Claim on the East.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
mon. at shaft, thence running to a post

at a point in a Northerly direction 130 feet from
the discovery shaft (at which this notice is posted), being in the center of the Northerly
end line of said claim; thence 300 feet to a post
1500, being the N. E. corner of said claim; thence
1500 feet to a mon of stones, being at the
S. E. corner of said claim; thence 300 feet
to a mon of stones at the center of the Southerly end of said claim;
thence 300 feet to a post, being at the
S. W. corner of said claim; thence 1500
feet to a post at the N. W. corner of said claim;
thence 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 ground this 26th day of April 1902

Witness:
R. Hazel
John Driscoll

G. M. Porter.

Filed and recorded at request of G. M. Porter, May 13, 1902 at

11-20 A. M. Book 20, Record of Mines at page 271.

TERRITORY OF ARIZONA, }
 County of..... } ss

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,..... M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

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

.....
 County Recorder.

Notice of Location.

LODE CLAIM.

Dated.....190.....

Filed and recorded at the request of.....

.....A. D. 190.....

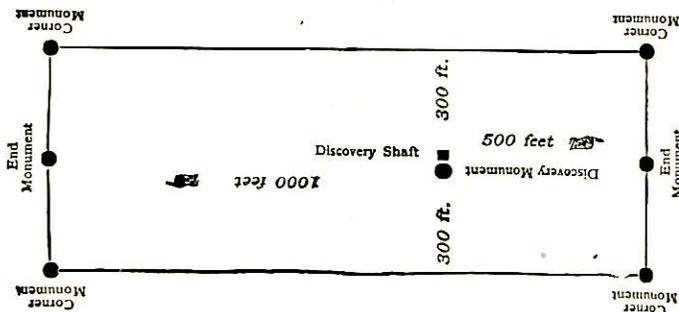
at.....M.

Book.....

Page.....

.....County Recorder.

By.....Deputy Recorder.



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 MINING LOCATION.
Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Hobo 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 G. J. McCabe, W. L. Snodderly and F. M. Johnson, the undersigned on the 4th day of April, 1903.

The length of this claim is 1500 feet, and we claim 100 feet in a North Easterly direction and 1400 feet in a South Westerly 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 S. W. to the N. E.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 3 1/2 miles in a southeasterly direction from Bisbee.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at _____ at a point in a N. easterly direction 100 feet from the discovery shaft, (at which this notice is posted) being in the center of the N. Easterly end line of said claim; thence 300 feet to a mon. of stone, being the N. Easterly corner of said claim; thence 1500 feet to a mon of stone, being at the S. Easterly corner of said claim; thence 300 feet to a mon of stone at the center of the S. Westerly end of said claim; thence 300 feet to a mon of stone, being at the S. Westerly corner of said claim; thence 1500 feet to a mon of stone at the N. Westerly corner of said claim; thence 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 ground this 4th day of April, 1903.

G. J. McCabe
W. L. Snodderly
F. M. Johnson

Filed and recorded at request of G. J. McCabe July 1st 1903 at
11-30 A. M. Book 21, Record of Mines at page 468.

TERRITORY OF ARIZONA,

County of Cochise. SS.

I, Frank Hare, County recorder in and for said county, hereby
certify that I have compared the foregoing copy with the original
location notice of the Hobo Mining claim, filed and recorded in my
office on the 1st day of July, 1903 in Book 21 record of Mines, at
page 468, and that the same is a full, true and correct copy of
such original and of the whole thereof.

Witness my hand and official seal this 22nd day of June 1904.

Frank Hare

County Recorder.

NOTICE OF MINING LOCATION.
Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Lone Star 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 George J. McCabe, W. L. Snodderly and Frank M. Johnson, citizens of the United States, the undersigned on the 2nd day of November, 1903.

The length of this claim is fifteen hundred feet, and we claim thirteen hundred and fifty (1350) feet in a southeasterly direction and one hundred and fifty feet in a Northwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred 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 North West to the South East.

The claim is situated and located in the Warren Mining District in Cochise County, in the Territory of Arizona, about three and 1/2 miles in a Southeast direction from the city of Bisbee, and is the same ground located by Florence Sampson on April 30, 1900, under the name of Lone Star Mining Claim, recorded in Book 18 Record of Mines at 176, in Recorder's office of said county, and conveyed to the undersigned, by deed dated Dec. 30, 1901 and is bounded on Northeast by New York Mining claim recorded Book 20 Record of Mines page 271, and on southwest by Chicago mining claim, recorded in said book page 270.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument, at a point in a southeasterly direction 1350 feet from the discovery shaft (at which this notice is posted) being in the center of the southeast end line of said claim, thence North east 300 feet to a stone monument being the North east corner of said claim; thence Northwest 1500 feet to a stone monument, being at the northwest corner of said claim; thence Southwest 300 feet to a stone monument at the center of the Northwest end of said claim; thence Southwest 300 feet to a stone monument,

being at the Southwest corner of said claim; thence 1500 feet to a stone monument at the southeast corner of said claim; thence 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 16th 1901.

This claim is located as abandoned and forfeited property.

Dated and posted on the ground this 2nd day of November 1903.

G. J. McCabe

W. Lee Snodderly

Frank M. Johnson.

Filed and recorded at request of G. J. McCabe Nov. 10th A. D. 1903 at 9 a. m. Book 29 Record of Mines at page 362.

TERRITORY OF ARIZONA,

County of Cochise. SS.

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original location notice of the Lone Star Mining Claim, filed and recorded in my office on the 10th day of November, 1903 in Book 29, Record of Mines, at page 362, and that the same is a full, true and correct copy of such original, and of the whole thereof.

Witness my hand and seal of office, this 22d day of June, 1904.

Frank Hare
County Recorder.

TERRITORY OF ARIZONA,

County of Cochise, SS.

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original Location Notice of the CHICAGO Mining claim, filed and recorded in my office on the 13th day of May 1902, in Book 20 Record of Mines, at page 270, and that the same is a full, true and correct copy of such original, and of the whole thereof.

witness my hand and official seal this 22, day of June 1904.

Frank Hare
County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom it May Concern:

This Mining Claim, the name of which is the Chicago 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 purposes of exploration and purchase by M. Porter

(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 26th day of April 1902

The length of this claim is 1500 feet, and 170 feet in a Northerly direction and 1330 feet in a southerly 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 North to the South

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 3 1/2 miles in a Southerly direction from Bisbee, it adjoins the Lone Star on the West.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at ~~Mon of stones thence running to a post~~

at a point in a Northerly direction 170 feet from the discovery shaft (at which this notice is posted), being in the center of the Northerly end line of said claim; thence 300 feet to a mon of stones, being the N. W. corner of said claim; thence 1500 feet to a mon of stones, being at the S. W. corner of said claim; thence 300 feet to a mon of stones at the center of the southerly end of said claim; thence 300 feet to a post, being at the S. E. corner of said claim; thence 1500 feet to a post at the N. E. corner of said claim; thence 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 ground this 26th day of April 1902

witness:
R. Hazel
John Driscoll

G. M. Porter

Filed and recorded at request of G. M. Porter, May 13, 1902
at 11-20 A. M. Book 20, Record of Mines at page 270

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.

Oct 19 - , 1904

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of G. J. McCabe, W. L. Shodderly and F.M. Johnson,

known as the
New York, Lone Star, Chicago and Hobo.

situate in Warren Mining District,
Cochise County, Arizona.

in Section APPROX., Township No. 23 S., Range No. 24 E.,
designated as Survey No. 1962.

executed by Geo. C. Clark, U. S. Deputy Mineral
Surveyor, July 15th to Aug. 8 th 1904, 190, under my instructions dated

June 27th 1904, 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.

Frank A. Ingalls

U. S. Surveyor-General for Arizona.

Improvements, Survey No. 1962.

I hereby certify that the value of the labor and improvements placed upon or for the benefit of this group by the claimants or their grantors is not less than \$500.00 for each location thereof, and that said improvements consist of:

CHICAGO.

No. 1.	Discover shaft 4 X 6 X 10 ft. brs. from cor. No. 4 S. 15° 5' W. 375 ft. Value	\$100.
No. 2.	Shaft 4 X 6 X 8 ft. brs from same point S. 8° 45' W. 400 ft. Value	\$ 80.
No. 3.	Shaft 4 X 6 X 12 ft. brs from same point S. 12° 50' E. 250 ft. Value	\$120.
No. 4.	Shaft 6 X 8 X 12 ft. brs from same point S. 14° 28' E. 247 ft. Value	\$200.
	Total improvements Chicago Lode	\$500.

LONE STAR.

No. 1.	Discovery shaft 4 X 6 X 10 ft brs from cor. No. 3 N. 72° 40' E. 360 ft. Value	\$100.
No. 2.	Shaft 4 X 6 X 10 ft. brs from same point N. 81° 45' E. 520 ft. Value	\$100.
No. 3.	Shaft 4 X 6 X 12 ft. brs from same point N. 85° 25' E. 750 ft. Value	\$120.
No. 4.	Shaft 5 X 6 X 5 ft. brs from same point S/ 82° 30' E. 535 ft. Value	\$ 50.
No. 5.	Open cut 4 X 6 X 18 ft. and tunnel 4 X 6 X 10 ft, course S. 25° W. brs from same point S. 70° 35' E. 485 ft. Value	\$275.
No. 6.	Shaft 5 X 6 X 30 ft. brs from same point N. 86° 45' E. 535 ft. Value allotted to Hobo Lode of this Survey \$450.00.	
No. 7.	Shaft 6 X 8 X 10 ft. brs from same point N. 71° 54' E. 351 ft. Value	\$180.
	Total improvements Lone Star Lode	\$825.

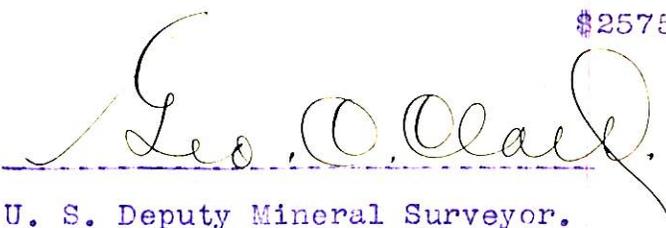
Improvements Survey 1962. (Continued.)

NEW YORK.

No. 1.	Discovery Shaft 4 X 6 X 10 ft. brs from cor. No. 4 S. 2° 35' W. 345 ft. Value	\$100.
No. 2.	Shaft 6 X 8 X 12 ft. brs from same point S. 8° 45' W. 370 ft. Value	\$200.
No. 3.	Shaft 4 X 6 X 10 ft. brs from cor. No. 1 S. 71° 10' W. 520 ft. Value	\$100.
No. 4.	Shaft 4 X 6 X 10 ft. brs from cor. No. 3 S. 70° 26' E. 337 ft. Value	\$100.
No. 5.	Shaft 4 X 7 X 10 ft. brs from same point S. 57° 47' E. 485 ft. Value	\$100.
	Total improvements New York Lode	\$600.

HOB0.

No. 1.	Discovery shaft 4 X 6 X 10 ft. brs from E/ end center of location S. 43° 58' W. 50 ft. Value	\$100.
No. 2.	Open cut 6 X 10 X 23 ft. brs from cor. No. 6 S. 33° 50' E. 51 ft. Value	\$100.
	An undivided interest in shaft No. 6 Lone Star Lode of this Survey	\$450.
	Total improvements Hobo Lode	\$650.
	Total improvements Group	\$2575.


U. S. Deputy Mineral Surveyor.

Dated Dec. 1st, 1904.

Affidavit of Five Hundred Dollars Improvements.

We, R. W. Story, and J. S. Johnson

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the "Chicago", "New York" "Lone Star" ^{"Kabo"} mining claim,

situate in Maricopa Mining district, Cochise County,

Arizona Territory, for which J. J. Mc Cabe; W. L. Snodden

and J. M. Johnson

have made application for survey prior to application for patent under the provisions

of the Act of Congress, approved May 10, 1872; and that the labor done and improve-

ments made thereon by the applicants and their grantor exceed Five Hundred

Dollars in value, and further that we are not personally interested in said mine.

R. W. Story

J. S. Johnson

TERRITORY OF ARIZONA,

County of Cochise } ss:

Sworn to and subscribed before me, this 1st

day of December, 1901



My Commission expires Jan 14 '1408.

69361500-2-03

M. E. Cassidy
Notary Public in and for Cochise County

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for..... Dist. of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or their grantors, upon the mining claim of
G. J. McCabe; W. L. Snodderly and F. M. Johnson

known as the..... Chicago, How Year, Lone Star and Hobo,
situate in..... Warren mining district,
Cochise..... County,..... Arizona,
in Section....., Township No....., Range No.....;
that said improvements consist of..... 16 shafts, 2 cuts and 1 tunnel,.....
total value \$2575.00

....., 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
Geo. C. Clark....., U. S. Deputy Mineral Surveyor, dated
Dec. 1, 1904....., 18, is hereto attached.



U. S. Surveyor General for..... Arizona

Office of U. S. Surveyor General,

Phoenix, Arizona.....

..... January 3, 1905, 18

o 2-178

