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5/4/03

Copied notes & loc. & notes etc compared with each other

(4-683.)

Mineral Survey No. 1734.

Lot No.

G I L A.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Shannon Copper Company.

KNOWN AS THE

T I P T O P & J U M B O .

Copper Mountain or Greenlee Gold Mountain. Mining District,

Graham County, Arizona.

Approx. Section Sec. 34, 30, Township 3 S., Range 29 E.

Surveyed under instructions dated Dec. 3, 1902,

by Lorenzo D. Chillson, U. S. Deputy Mineral Surveyor.

Claim located See Notices, 1

Survey commenced Dec. 22, 1902,

Survey completed Jan. 2, 1903

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Ch. Aranda and Bruno Duran, 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 The Shannon Copper Company

known as the Tip Top and Junco situate in Archer Gold Standard mining district

Archer County, approximately in Section _____, Township No. 48, Range No. 29 N.

Witness his mark } Serpianos Aranda, Chairman.
Serpianos Aranda — Bruno X Duran, Chairman.

Subscribed and sworn to by the above-named persons before me this 31st day of December, 1902.

I. D. Chilson - Notary Public
My Commission expires Feb. 24th 1906

I, Jose M^o Perez, 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 The Shannon Copper Company

known as the Tip Top and Junco more fully described in the preceding affidavit.

Jose M^o Perez, Axman.

Subscribed and sworn to by the said Jose M^o Perez before me this 31st day of December, 1902.

I. D. Chilson - Notary Public
My Commission expires - Feb. 24th 1906

I, Jose M^o Perez, 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 The Shannon Copper Company

known as the Tip Top and Junco more fully described in the preceding affidavit.

Jose M^o Perez, Flagman.

Subscribed and sworn to by the said Jose M^o Perez before me this 31st day of December, 1902.

I. D. Chilson - Notary Public
My Commission expires Feb. 24th 1906

J U M B O L O D E C L A I M.

Mineral Sur. No. 1734.

Feet. Beginning at Cor. No. 1, the N. W. Cor. of the Claim, at N. 34 deg. 37 min. E., 6 ft. dist. from Cor. NO. 4-1731, the Virginia

Queen lode claim, from which cor. to secs. 1, 2, 11 & 12. T. 4 S., R. 29 E. brs.
 545° 23' E 10123.4 ft.

Set a 4 x 4 inch pine post, 4 ft. long 22 ins. in the ground, marked 1-1734, and raised a mound of stone ^{GROUND POST} ~~alongside~~.

U. S. M. M. No. 2, bears N. 34 deg. 03' W., 3398.6 ft. dist.

No other bearings available.

Thence S. 27 deg. 42 min. E.

Var. 12 deg. 30 min. E.

Along the North End line of this Claim.

338.75 To the N. E. C., and cor. No. 2 of this Claim; Set a 4 x 6 inch pine post, 4 ft. long set 22 inches in the ground, marked J. 2-1734, and raised a mound of stone ^{GROUND POST} ~~alongside~~, Whence,

A post scribed R. C. C. 4-1582 bears N. 31 deg. E. 93 ft. dist. This cor. 2-1734 is on the West side line of the said Republic Claim.

A pine tree, 5 ins. in diam. bears S. 62 deg. 15 min. E., 20.8 ft. dist. Scribed B. T. * 2-1734.

No other bearings available.

Thence S. 31 deg. 00 min. W.

Var. 12 deg. 30 min. E.

Along the West Side line of the Republic Claim.

468. To Cor. No. 3, identical with Cor. No. 3 of the Republic Claim.

Set a 4 x 4 inch pine post, 4 ft. long 2 ft. in the ground, marked J. 3-1734, and raised a mound of stone ^{around post} ~~alongside~~, Whence,

A sinite rock, 6 x 3 x 3 ft. chiseled J. 3-1734 and ^{B.R.} * brs.
 S. 72 deg. 30 min. E. 12.7 ft. dist.

No other bearings available.

Thence S. 59 deg. 00 min. E.

Var. 12 deg. 30 min. E.

Along the South End line of the Republic.

see copy letter
dated July 14-03

= 2 =

Feet.

271.00 To Cor. No. 4,

Set a 4 x 4 inch pine post 4 ft. long, 20 ins., in the ground, marked / J. 4-1734, and raised a mound of stone ~~along~~ ^{around post} side. Whence,

A sinite rock 4 x 3 x 3 ft. chiseled J. 4-1734 B. R. and a * bears S. 59 deg. E., 3.9 ft. dist.

No other bearings available.

Thence S. 34 deg. 37 min. W.

Var. 12 deg. 20 min. E.

Along the Easterly side line of this Claim.

~~1207.4~~ To Cor No. 5, Identical with Cor. No. 3 of the Tip Top of this Survey.

Set a 4 x 4 inch pine post, 4 ft. long 20 ins., in the ground, marked J. 54-1734 and Tip Top 3-1734, and raised a mound of stone ~~alongside~~ ^{around post}. No bearings available.

Thence N. 27 deg. 42 min. W.

Var. 11 deg. 50 min. E.

Along the South End line of this Claim.

72.7 Intersect line 2-3 of the Dry Jack Min. Sur. 1740 at S. 17 deg. 50 min. W., 353.78 ft. dist. from Cor. No. 2.

338.75 The S. E. C. of this Claim a post and mound of stones.

578.10 Intersect line 1-2 of the Dry Jack, ^{and line 3-4 Big Bend No. 2} at N. 72 deg. 10 min. W., 360.49 ft. dist. from Cor. 2. ^{Dry Jack and 3 Big Bend No. 2}

677.5 To Cor. No. 6 the S. W. Cor. of the Claim.

Set a 4 x 4 inch pine post, 4 ft. long 2 ft. in the ground marked J. 6-1734 and raised a mound of stone alongside.

No bearings available.

Thence N. 34 deg. 37 min. E.

Var. 12 deg. 00 min. E.

1494 To Cor no 4 Virginia Queen and Cor no 2 Big Bend No 2 Sur. 1740
1500 To Cor. No. 1 the place of beginning.

Survey of Exterior Boundaries.

The Survey is identical with the location.

= 3 =

Feet.

T I P T O P L O D E C L A I M.

Beginning at Cor. No. 1,

The N. E. Cor. of the Claim, also identical with Cor. No. 1 of the Victor Lode Claim. *from which Cor. to secs. 1, 2, 11 & 12, T. 4, S. 5, R. 29, E. brs. 548° 00' E 88333 ft.*

Set a 4 x 4 inch pine post, 4 ft. long, 20 ins., in the ground, marked T.T. 1-1734, and raised a mound of stone along. Whence U. S. M. M. No. 2, bears N. 32 deg. 14' W., 4747.3 ft. dist. No other bearings available.

Thence S. 34 deg. 37 min. ^{N.}~~E.~~

Var. 11 deg. 25 min. E.

Along the West side line of this Claim.

453.50 To Cor. No. 6 of the Victor Lode Claim. Min. Sur. No. 1730.

1500. To Cor. No. 2,

Set a 4 x 4 inch pine post, 4 ft. long 2 ft. in the ground marked T. T. 2-1734, and raised a mound of stone ^{around post} ~~alongside~~.

Whence, a rock 6 x 4 x 4 ft., chiseled * T.T.2-1734 B.R. brs. S. 49 deg. 15 min. W. 8.9 ft. dist.

No other bearings available.

Thence N. 27 deg. 42 min. W.

Var. 11 deg. 50 min. E.

Along the South End line of this Claim.

338.75 A post and mound of stones the S. E. C. of this claim.

677.50 To Cor. No. 3,

Identical with Cor. No. 5 of the Jumbo, Cor. heretofore described

Whence a red porphyry rock 6 x 4 x 4 ft. chiseled * 5-3 1734 B.R. bears S. 27 deg. 42 min. E., 8.9 ft. dist.

No other bearings available.

Thence N. 34 deg. 37 min. E.

Var. 12 deg. 00 min. E.

Along the West side line of this Claim and the East side line of the Jumbo Claim of this survey.

1207.4 Intersect line 2 -3 of the Republic Claim, Min. Sur. No. 1582.

See depy. letter
dated July 14-03

= 4 =

^Set.

At Cor. No. 4 of the Jumbo Claim, S. 59 deg. E., 271 ft. from Cor
3 of the Republic & 3 of the Jumbo, also at N. 59 deg. W.,
329 ft. from Cor. No. 11 of the Republic Claim.

1500. To Cor. No. 4,

Set a 4 x 6 inch pine post, 4 ft. long 2 ft. in the ground
marked T. T. 4-1734 and raised a mound of stone ^{around post} ~~alongside~~.

No bearings available.

Thence S. 27 deg. 42 min. E.

Var. 12 deg. 00 min. E.

338.75 The N. E. C. of the Claim a post and mound of stones.

362.50 Intersect line 1 - 2 of the Republic and 1 - 4 of the Copper
Min. Sur. No. 1582, at N. 31 deg. E., 104 ft. dist. from Cor.
2 - 4 of the Claims above mentioned.

563.00 Intersect line 3 - 4 of the Copper Claim at S. 59 deg. E.,
171.3 ft. dist. from Cor. 4 of the Copper. Also Cor. 2 of the
Republic
~~Victor~~ Claim Sur. No. ¹⁵⁸² ~~1730~~.

677.50 To Cor. No. 1 and the place of beginning.

Survey of the Exterior Boundaries.

The Survey is identical with the Location.

L E D G E S.

On the Jumbo, from the Dis. Shaft No. 1, :. N. 34 deg. 37 min.
E., 275 ft. and S. 34 deg. 37 min. W., 1225 ft.

On the Tip Top, from D. S. No. 1, N. 34 deg. 37 min. E., 200 ft
and S. 34 deg. 37 min. W., 1300 ft.

4½.

I M P R O V E M E N T S.

I certify that the value of the Labor and improvements, placed upon or for this claim is not less than Five hundred dollars and that said improvements consist of.

Jumbo Claim.

- No. 1 The Discovery Shaft, from the N. E. C. of the Claim, 4 x 6) x 10 ft. deep, bears S. 34 deg. 37 min. W., 275 ft.
Value, \$100.00
- No. 2 From the N. W. Cor. S. 19 deg. 15 min. E., 237 ft., entrance to an open cut, 6 ft. wide, 12 ft. deep, extends S. 5 deg. 15 min. E., 25 ft. thence Tunnel 4 ft. wide, 6.6 ft. high, bears S. 27 deg. 45 min. E., 46 ft.
Value, \$500.00
- No. 3 S. 6 deg. W., 368 ft. an open cut and tunnel included, brs. S. 14 deg. E., 16 ft.
Value, \$150.00
- No. 4 A shaft 4 x 6 x 10 ft. deep, bears S. 9 deg. W., 401 ft.
Value, \$100.00
- No. 5 An open Cut 6 ft. wide, 8 ft. deep, 20 ft. in, bears S. 16 deg. 30 min. E., 395. ft.
Value, \$125.00
- No. 6 Same course as No. 5, 445 ft. an open cut 6 ft. wide, 10 ft. deep, runs S. 16 deg. E., 14 ft.
Value, \$100.00
- No. 1 On the Tip Top,
The Discovery Shaft, from the N. E. C. S. 34 deg. 37 min. W. 200 ft. Shaft 5 x 6 x 10 ft.
Value, \$100.00
- One fifth interest in Main Working Tunnel on the Big Bend Np. 2, fully described in the notes of that Claim, owned by the Shannon Copper Company the Owners of these Claims to be accredited, Value of Interest \$816.00

= 5 =

Total Area of the Jumbo,		18.196 Acs.
Less Conflict with the Dry Jack, Sur. 1740,	1.46 A.	
Less Conflict with the Big Bend No. 2,"	7.84 A.	
	<u>9.30 A.</u>	9.30
Net area of the Jumbo,		8.896 A .
Total Area of the Tip Top,		20.6620
Less Conflict with the Republic, Sur. 1582.	1.147 1.104 A.	
Less Conflict with the Copper, Sur. 1582.	.2046 A.	
Net Area of the Tip Top Claim,		19.310 19.353 A
Net Area of Lode Claim,		28.206 28.249 A

Location, These Claims are located in approximate Sec. 34, T. 3. S., R. 29 E., Unsurveyed of the Gila and Salt River Base and Meridian, in the Greenlee Gold or Copper Mountain Mining Dist. about one and one half miles northeasterly from the Town of Metcalf, which is the nearest Postoffice.

A D J O I N I N G C L A I M S.

On the North by the Republic and Copper Sur. 1582, and uns. lands, on the East by the Victor Sur. 1730 and Unsurveyed lands. On the South by the Dry Jack Sur. 1740 and Unsd. Lands.

On the West by the Big. Bend No. 2. *On the N. W. by the Virginia Queen Sur 1731.*

NOTE: All points of intersection with other claims are marked on the ground by a pine post and mound of stones.

= 6 =

I N S T R U M E N T.

This survey was executed with a Gurley Engineers Transit with Burt Solar Attachment. The courses were deflected from the True Meridian as determined by Direct Solar Observations checked on Polaris. The Distances were measured with a 50& 100 ft. steel tape.

Lorenzo V. Chilson
U. S. Deputy Mineral Surveyor.

Tucson, Arizona. ^{May 1st} April 1903.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Travencia D. Chilson
 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 the Shannon Copper Company
 known as the Tip Tap and Tumb
 and showing the respective capacities in which they acted.

- C. Aranda....., Chairman.
- Bruno Duran....., Chairman.
- Jose M^o Perez....., Axman.
- Jose M^o Perez....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, C. Aranda, Bruno Duran
 and Jose M^o Perez....., do solemnly swear that we assisted T. D. Chilson
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of the Shannon Copper
Company
 known as the Tip Tap
and Tumb....., 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
the District of Arizona

- witness his mark
- Crespino Aranda....., Chairman.
 - Bruno Duran....., Chairman.
 - Jose M^o Perez....., Axman.
 - Jose M^o Perez....., Flagman.

Subscribed and sworn to by the above-named persons before me
 this 2nd day of January, 1903.

T. D. Chilson - Notary Public
My Commission expires Feb. 2nd 1906

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Lorenzo D. Chillson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Dec. 3rd, 1902, I 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 The Shannon Copper Company, known as the Tip Top and Jumbo situate in Greenlee Gold or Copper Mt. Mining District, Graham County, Arizona. in Section Approx. Township No. 3 S. Range No. 29 E. Unsd. and designated as Survey No. 1734, 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 its. 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.

Lorenzo D. Chillson
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lorenzo D. Chillson
U. S. Deputy Mineral Surveyor, before me A. M. Frankfus, a
Notary Public this First
day of May 1903

A. M. Frankfus
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, W. E. Sherman, and S. B. Blumhardt,

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Tip Top and Tumba mining claims situate in Arceneles Gold Mountain Mining district, Coconino County, Arizona Territory, for which The Sherman Copper Company

has 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 improvements made thereon by the applicant and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

W. E. Sherman

S. B. Blumhardt

TERRITORY OF ARIZONA, }
County of Coconino } ss:

Sworn to and subscribed before me, this 2nd

day of January, 1903



J. D. Chilsan Notary Public
My commission expires Feb, 2nd 1906

Group No. 2.

ATTENDED NOTICE OF MINING LOCATION. LODE CLAIM.

13

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "TIP TOP" 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 H.S. Anderson, Mgr. for the Shannon Copper Co. a corporation duly organized and existing under the laws of the State of Delaware the undersigned, on the twenty second day of September 1902.

The length of this claim is fifteen hundred feet, and we claim two hundred feet, in a Northerly direction, and thirteen hundred feet in a Southerly 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-east to the South-west.

The claim is situated and located in the Greenlee Gold Mountain Mining District, in Graham County, in the Territory of Arizona, about 4500 feet in a South-easterly direction from United States Location Monument.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post and monument of stones at a point in a Northerly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the Northerly end line of said claim; thence $S 27^{\circ} 42' E$. 339 feet to a post and monument of stones, being the North-east corner of said claim; thence $S 34^{\circ} 37' W$. 1500 feet to a post and monument of stones being at the South-east corner of said claim; thence $N 27^{\circ} 42' W$. 339 feet to a post and monument

of stones being the center of the South-westerly end of said claim; thence N.27°42' W.339 feet to a post and monument of stones being at the South-west corner of said claim;thence N.34°37' W.1500 feet to a post and monument of stones at the North-west corner of said claim; thence S27°42' E. 339 feet to the place of beginning.

The N.W.cor.of this claim extends on to the "REPUBLIC" CLAIM, but is not claimed by this location.

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 codify and revise the Laws of the Territory of Arizona",approved March 16th,1901.

Dated and posted on the ground this 22nd day of September 1902.

Witness.

Shannon Copper Co.

John G.Kirchen.

By H.S.Anderson. *Mgr.*

Filed and recorded at request of H.S.Anderson,Mgr. October 13th 1902.

Thomas Smith,County Recorder.

Territory of Arizona,)
)ss.
County of Graham.)

I, Thomas Smith, County Recorder, in and for the County and Territory aforesaid, do hereby certify the foregoing to be a full, true, correct and complete copy of the Amended Notice of Location, Lode Claim, of the TIP TOP MINING CLAIM, as the same appears upon the Records of Graham County, in Book 15 page 184 Records of Mines.

In Witness Whereof, I have hereunto set my hand and affixed my official seal at my office in Solomonville, said County and Territory, this 14th day of October A.D. 1902.

Thomas Smith
County Recorder, Graham County,
Territory of Arizona.

AMENDED NOTICE OF MINING LOCATION.
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "JUMBO" 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 H.S. Anderson, Mgr. for the Shannon Copper Co. a corporation duly organized and existing under the laws of the State of Delaware the undersigned, on the twenty second day of September 1902.

The length of this claim is fifteen hundred feet, and we claim fourteen hundred and twenty five feet in a North-easterly direction, and seventy five 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 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-east to the South-west.

The claim is situated and located in the Greenlee Gold Mountain Mining District, in Graham County, in the Territory of Arizona, about 4000 feet in a South-easterly direction from United States Location Monument.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post and monument of stones at a point in a South-westerly direction 75 feet from the discovery shaft (at which this notice is posted), being in the center of the South-westerly end line of said claim; thence N. $27^{\circ} 42'$ W. 340 feet to a post and monument of stones, being the South-west corner of said claim; thence N. $34^{\circ} 37'$ E. 1500 feet to a post and monument of stones being

at the North-west corner of said claim;thence S.27°42' E.540 feet to a post and monument of stones,being the center of the North-easterly end of said claim;thence S.31°00' W.447 more or less feet to a post and monument of stones being at the S.W.cor.of the "REPUBLIC" Patented Claim;thence S.59°00' E. 271 more or less feet to a post and monument of stones at the North-east corner of the claim;thence S.34°37' W.1212 more or less feet to the S.E.cor.of the claim;thence N.27°42' W.340 feet to the place of beginning.

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

Dated and posted on the ground this 22nd day of September 1902.

Witness. Shannon Copper Co.
 John G.Kirchen. By H.S.Anderson.Mgr.

Filed and recorded at request of H.S.Anderson October 13th,1902,
 at 9 o'clock A.M.
 Thomas Smith,County Recorder.

Territory of Arizona,)
)ss.
 County of Graham.)

I, Thomas Smith,County Recorder,in and for the County and Territory aforesaid,do hereby certify the foregoing to be a full, true, correct and complete copy of the ATTENDED NOTICE OF LOCATION OF THE JUBBO MINING CLAIM,as the same appears upon the Records of Graham County,in Book 15 page 187 Records of Mines.

In Witness Whereof, I have hereunto set my hand and affixed my official seal at my office in Solonoville,said County and Territory, this 14th day of October A.D.1902.

Thomas Smith

 County Recorder,Graham County,
 Territory of 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.

July, 16, 1903.

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 The Shannon Copper Company

known as the Tip Top and Jumbo

situate in Copper Mountain or Greenlee Gold Mountain mining district, Graham County, Arizona

in Section 29, Township No. 3 S., Range No. 29 E.

designated as Survey No. 1734

executed by Lorenzo D. Chillson, U. S. Deputy Mineral

Surveyor, Dec 31st 1902 - Jan 2nd, 1903, under my instructions dated

Dec. 3rd, 1902, have been critically examined and the necessary corrections 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.

[Handwritten signature]

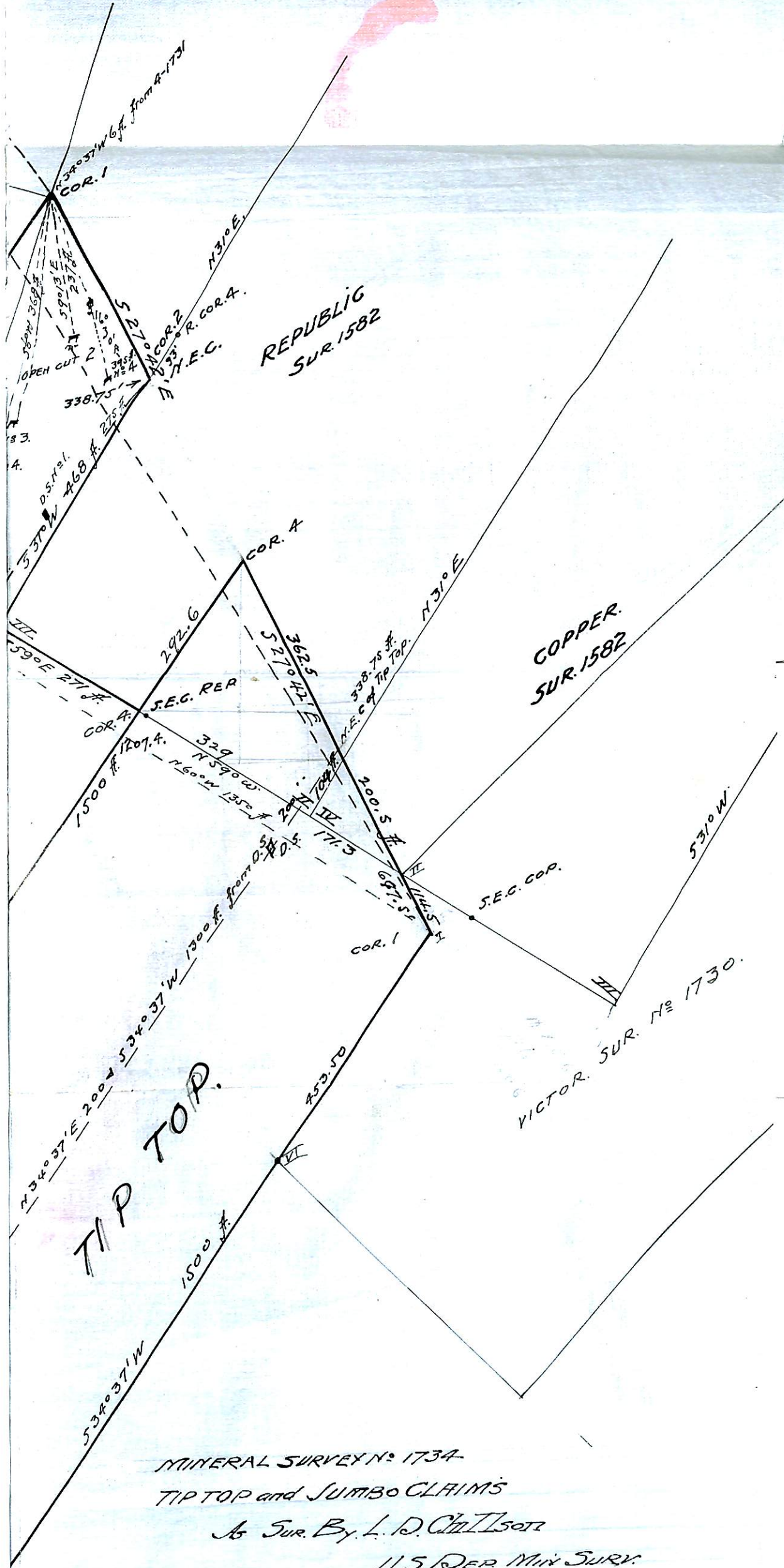
U. S. Surveyor-General for Arizona.

LARGE

MAP

INSERT





REPUBLIC
SUR. 1582

COPPER.
SUR. 1582

VICTOR. SUR. N^o 1730.

TIP TOP.

MINERAL SURVEY N^o 1734-

TIP TOP and JUMBO CLAIMS

As Sur. By L. D. CHILSON

U.S. DEPT. MIN. SURV.

21. 1/2

DRY JACK.
MIN SUR. 1740

COR. 6

JUMBO

TIP TOP

VICTOR SUR. No 1730

COR. 5. COR. No 3.

COR. 1

COURSE OF LEASE

COURSE OF LEASE

MINERAL SURVEY No 1734

TIP TOP and JUMBO CLAIMS

As Sur. By L. D. CHILSON

U.S. DEP. MIN. SURV.

Scale 200' = 1 inch

N 27° 42' W
578.1 ft.

S.E.C.
360.49 ft.

S.E.C.

677.5 ft.
353.78 ft.
72.7 ft.

N 27° 42' W

S.E.C. 338.75 ft.

677.5 ft.

COR. 2.

S 34° 37' W 1207 ft.
134° 37' E

N 34° 37' E 200 ft.
S 34° 37' W 1300 ft.
S 34° 37' W 1500 ft.

1500 ft.

329 ft.
N 59° 00' W
1560 ft.

171.3 ft.
200.5 ft.

S.E.C. COP.

S 31° 0' W