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(4-683.)

Mineral Survey No. 1204

Lot No. _____

Yolo Land Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Atlas Mining Company
of Chicago

KNOWN AS THE

Atlas Mill Site
Silver Bell

Mining District,

Pima County, Arizona

Section _____, Township _____, Range _____

Surveyed under instructions dated Dec 2^d, 1895

by Lewis Wolfley
U. S. Deputy Mineral Surveyor.

Claim located Nov 25th, 1895

Survey commenced Dec 1st, 1895

Survey completed Dec 9th, 1895

o 6-100

address

14128 b-2500

Gas. C. Perry, atty.
Tucson, A.T.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Joseph Puette and Wm H. Drum,
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 Atlas Mining Company,
of Chicago, known as the
Atlas Mill Site - Survey No. 1204
situate in Wilcox Bell mining district,
Pima County, Arizona,
in Section _____, Township No. _____, Range No. _____.

Jos. Puette, Chainman.
W. H. Drum, Chainman.

Subscribed and sworn to by the above-named persons before
me this 7th day of Dec, 1895.

Lewis Wolfley
Notary Public

I, _____, do solemnly swear that I will well and
truly perform the duties of axeman, 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.

_____, Axeman.

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

I, Jas S. Livingston, 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 Atlas Mining Co.
of Chicago
known as the Atlas Mill Site,
more fully described in the preceding affidavit.

Jas S. Livingston, Flagman.

Subscribed and sworn to by the said Jas S.
Livingston before me this 7th day of
December, 1895.

Lewis Wolfley
Notary Public



Feet.

MINERAL SURVEY NO. 1204.

ATLAS MILL-SITE.

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Beginning at corner NO. 1. Being corner NO. 1 of the location, and on the west side line of the Scotch Jew Lode, Mineral Survey NO. 1205 A.

A redwood post, 5 ft. long, 4 ins. square, set 2 ft. in the ground, in a mound of stone, marked 1-1204 being also Cor. NO. 1, of survey NO. 1205 B.

U. S. L. M. NO. 1204 bears S. $35^{\circ}18'E$. distant 2246.5 ft.

Mt. St. Rosa bears S. $73^{\circ}16'W$.

Maricopa Mt. bears N. $35^{\circ}50'W$.

Thence N. $22^{\circ}15'E$.

Var. $13^{\circ}50'E$.

Along W. side line of Scotch Jew lode, Survey NO. 1205 A.

260. Cross road, bears S.W'ly and N.E'ly.
275. Fence bears NEy and SWy and enter corral.
370. W. end of barn at right angles to line, 146 ft. dist.
490. Fence bears N.Wy and S.Ey, and leave corral.
500. Edge of wide arroyo.
- 585.5 To cor. NO. 2, in the arroyo.

A redwood post, 5 ft. long, 4 ins. square, set 2 ft. in the ground, and in a mound of stone, marked 2-1204, being also cor. NO. 2, survey NO. 1205 A.

TRANSCRIBED COPY OF
ORIGINAL FIELD NOTES

Feet.	Thence S. 52° 35' E. Var. 13° 50' E.
	Along the Northerly end line of the Scotch Jew lode, Survey NO. 1205 A.
251.	Top of arroyo bank, and leave arroyo.
280.	Wagon road bears Wy and Ey.
520.	Road bears N. E. and S. W.
533.	N. W. cor. of assay office 8 feet south.
562.9	To cor. NO. 3, on the W. side line of the Caledonia lode, Survey NO. 1205 A., A redwood post 5 ft. long, 4 ins. square, set 2 ft. in the ground, in a mound of stone, marked 3-1204; being also cor. NO. 1, Survey NO. 1205 A. Mt. St. Rosa bears S. 73° 10' W. Maricopa Mt. bears N. 36° W. Thence N. 22° 15' E. Var. 13° 50' E. Along the W. side line of the Caledonia lode.
89.	Road, bears N. Ey. and S. Wy.
121.	Center of receiving and crushing portion of Atlas Smelter building, just east of the smelter furnaces.
165.9	Leave smelter building.
203.	To cor. NO. 4. A redwood post 5 ft. long, 4 ins. square set 2 ft. in the ground in a mound of stone marked 4-1204; being also cor. NO. 6 of Survey NO. 1205 A. Thence S. 80° 06' E. Var. 13° 50' E.

TRANSCRIBED COPY OF
ORIGINAL FIELD NOTES

Feet.

270. Cross road, bears N.W'y and N.E'y.
- 340.7 To cor. NO. 5; N. $14^{\circ}45'$ E. 250 ft. of cor. NO. 5 of the Bobby Burns lode, Survey NO. 1205 A.
- A cross (X) on low cliff of rock, on S. side of arroyo, marked (X) M.S. NO. 5-1204, with mound of stone 4 ft. high, on top of the low cliff.
- Thence N. $73^{\circ}52'$ W.
Var. $13^{\circ}50'$ E.
65. Cross road, bears S.W. and N.E.
417. Bank of arroyo and enter arroyo.
881. To cor. NO. 6.
- A redwood post, 5 ft. long, 4 ins. square, set 2 ft. in the ground, marked 6-1204.
- Thence S. $88^{\circ}03'$ W.
Var. $13^{\circ}50'$ E.
350. Leave arroyo.
386. To cor. NO. 7.
- A redwood post, 5 ft. long, 4 ins. square, marked 7-1204, with mound of stone 3 ft. high, being also cor. NO. 2 of Scotch Jew Mill-site, Survey No. 1205 B.
- Thence S. $15^{\circ}27'$ E.
Var. $13^{\circ}50'$ E.
- Along the N. Easterly line of Scotch Jew Mill-site.
285. Cross a road, bears E. and W'y.
427. Cross same road, bears N. and S'y.
577. To cor. NO. 1, and place of beginning,

Feet. survey of exterior lines.

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Containing 4.20 acres.

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Location.

This claim is situated in Silver Bell Mining District-Pima County, Arizona, on unsurveyed land.

IMPROVEMENTS.

INSTRUMENT.

This survey was made with a Young and Sons Mountain transit with Smith's solar attachment.

The courses were deflected from the true meridian as determined by solar observations.

The distances were measured with a 500 foot steel tape and a 50 foot steel tape.

Lewis Wolfley,

U.S. Dep. Min. Surveyor.

Tucson, Dec. 26" 95.

MINERAL SURVEY NO. 1204.

ATLAS MILL-SITE.

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

I hereby certify that the value of the labor and improvements upon this claim, placed thereon by the claimant and its grantors, is not less than five hundred dollars, and that said improvements consist of

One copper smelting plant, complete, embracing water jacket furnace, engine, boiler, blower, slag pots, etc. metal and wooden water tanks, etc.

Value. - \$ 20,000.00

Lewis Wolfley,

U. S. Dep. Mineral Surveyor.

Tucson, A, T, Dec. 26, 1895.

U. S. L. M. No. 1204

Finding that there were no Public Ranges and no United States Location Monuments within two miles from the Claims to be surveyed under instructions dated Dec. 2^d 1895 and numbered respectively 1204 and 1205 A. M. B.

I proceeded to locate United States Location Monument No. 1204 as follows:

Line/

On a High Peak about half a mile S. 15° E. of the Atlas Summit, I place a Pine wood post 8 feet long 8 inches square marked U. S. L. M. 1204, in a mound of stone 5 feet high and marked a large rock in place in the S. E. base U. S. L. M. No. 1204.

and also marked B. T. 1204 on a Palo Verde tree 8 inches in diameter, distant 28 feet N. 84° 52' W.

also marked B. T. 1204 on a Palo Verde tree 6 inches in diameter 37 ft distant S. 17° 9' W.

also mark a X B. R. 1204 on a low cliff distant 50 feet X bearing N. 14° 17' E.

The Snake Stack of the Atlas Summit lies N. 15° 18' W.

- Top of Insuperation Mts lies N. 8° 15' E.
- Picacho Pk " N. 30° 22' E.
- Highest Pk Silver Bell Range " S. 75° 29' E.
- Baiboguiriri Pk " S. 3° 42' W.
- Top of Ben Nevis " S. 50° 13' W.
- Top of Mt. St Rosa " S. 74° 21' W.
- Top Manicopa Mts " N. 35° 51' W.

Latitude at noon Dec. 7 1895 32° 28' N. Va. 135° 50' E.

I used a Young & Sons Solar Transit.

Lewis Wolfley
U. S. Dep. Min. Surveyor

U.S. Location Monuments

No. 1204

Silver Bell Mining District

Pima County, Arizona

Surveyed Dec. 7th 1895

By Lewis Walflay

U.S. Dep. Min. Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lewis Walfler
 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 Atlas Mining Co. of Chicago
 known as the Mineral Survey No. 1204, Atlas Mill site
 and showing the respective capacities in which they acted.

Joseph Puette....., Chainman.
Wm. H. Drum....., Chainman.

....., Axman.
Jas. S. Livingston....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Joseph Puette, W. H. Drum and
 and Jas. S. Livingston....., do solemnly swear that we assisted Lewis
Walfler....., United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the ~~mining~~ claim of The Atlas Mining Co.
of Chicago
, known as the Mineral
Survey No. 1204 Atlas Mill site....., 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.....

Joe Puette....., Chainman.
W. H. Drum....., Chainman.

....., Axman
James S. Livingston....., Flagman.

Subscribed and sworn to by the above-named persons before me
 this 16th day of December, 1895.

Lewis Walfler
 Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Lewis Wolfley, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated December 2^d, 1895, 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 Atlas Mining Company of Chicago, known as the General Atlas Mill Site, situate in Silver Bell Mining District, Pima County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1204, 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.

Lewis Wolfley
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lewis Wolfley
U. S. Deputy Mineral Surveyor, before me George J. Roskruze
this 26th
day of December, 1895.

George J. Roskruze
Notary Public



Affidavit of Five Hundred Dollars Improvements.

— — — — —

We Joseph Puette and James S. Livingston
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted
with the Atlas Mill site mining claim, situated in
Silver Bell, Mining district, Prima County,
Arizona Territory, for which The Atlas Mining Company
of Chicago
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 its grantor exceed Five Hundred Dollars in value, and further
that we are not personally interested in said mine, Mill site

Joseph Puette
James S. Livingston

TERRITORY OF ARIZONA,

County of Prima } ss.

SWORN to and subscribed before me, this

16th day of December 1895

Lewis Holley

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

ss.

County of Pima

Joseph Pette and James S. Livingston of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Atlas

mill-site claim, situated in Silver Bell Mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by The Atlas Mining Company of Chicago

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by Lewis Walfrey United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim

improvements, to-wit: One Copper Smelting plant, embracing Water Jacket Furnace, Engine, Boilers, Blower - Slog - Poles etc - Metal and Wooden Water Tanks - which in connection with other improvements on adjoining Claims constitutes a complete plant of 40 tons daily capacity and that he has no interest whatever in said described mill-site claim.

Joseph Pette
James S. Livingston

Subscribed and Sworn to before me this 16th day

of December A. D. 1895, and I hereby certify that

the foregoing affidavit was read to the said Joseph Pette and James S. Livingston

previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.



Lewis Walfrey
Notary Public

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

I, **Chas. A. Shibell**, County Recorder in and for the County of Pima, do hereby

certify that the above and foregoing is a full, true and correct copy... *Of the location notice*

of the Atlas Mill site, by the Atlas Mining
Company of Chicago

as appears of record now in my office in book *1 Mill Sites* pages *763*.....

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official

seal, at my office in Tucson, this *27th* day of *November*

A. D., 189 *5*

Chas a Shibell
 County Recorder.

ATLAS MILL-SITE.

15

Mill-Site Location Notice.

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Acts of Congress, have this day located and claimed this Mill-site of Five acres of land, together and with all water and water-rights therein and thereon, and all water privileges connected therewith, and situated in the Silver Bell Mining District, Pima County, Arizona, and more particularly described as follows:-

Commencing at this monument of stone situated about 750 feet S-westerly from the Atlas Smelter Building being also the Easterly corner of the Scotch Jew Mill-Site, and the South-westerly corner of this Mill-Site on which a copy of this notice is posted; thence about $N 15^{\circ} W 8.85$ chains along and identical with the north-westerly line of the Scotch

Jew Mill Site to stone monument, being the Northerly corner of said Scotch Jew Mill-site and north-west corner of this Mill-site; thence about due East 6.09 chains to stone monument being northermost corner; thence about $S 72^{\circ} E$ about 13.68 chains to stone monument at the intersection of the westerly line of the Bobby Burns and northerly line of the Caledonia lode claims; thence about $N 79^{\circ} W 5.61$ chains along and identical with the northerly line of the Caledonia lode claim to stone monument which is also the N.W. corner of said Caledonia lode claim; thence about $S 23^{\circ} W 3.06$ chains along and identical with the westerly line of the Caledonia lode claim to stone monument at intersection of the northerly line of the Scotch Jew lode claim; thence about $N 52^{\circ} W, 8.36$ chains along and identical with the northerly line of the Scotch Jew lode claim to stone monument which is also the North-west corner of the Scotch Jew Mine; thence about $S 23^{\circ} W 8.47$ chains to stone monument being the point of beginning.

This Mill Site shall be known as the Atlas Mill-Site. Located this Twenty-fifth day of November, A.D. 1895.

Atlas Mining Company of Chicago

Witness.

By Joseph M. Locke, Agent.

James S. Livingston.

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

NORTH

SURVEY No 1204.
SILVER BELL MINING DISTRICT



Surveyed Dec 9th 1895
Levi Wolfley
U.S. Dep Min Surveyor

(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,

Tucson, Arizona

December 26th, 1895

I, U. S. Surveyor General for *District of Arizona*

do hereby certify that the foregoing and hereto attached Field Notes and Return of the *mill-site* Survey of the ~~Mining~~ Claim of *The Atlas Mining Company of Chicago*

....., known as the *Atlas Mill-site*

situate in *Silver-Bell* mining district,

Pima County, *Arizona*

in Section _____, Township No. _____, Range No. _____

....., designated as Survey No. *1204*

executed by *Lewis Wolfley*, U. S. Deputy Mineral

Surveyor, *Dec 7-9th*, 1895, under my instructions dated

Dec 25th, 1895, 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.

Levi H. Manning

U. S. Surveyor General for *Arizona*