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(4-683.)

Mineral Survey No. 1311-

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF
Charles W. Welsh assignee of
Leonard Lewisohn

KNOWN AS THE

Antelope

Helvetia Mining District,

Pima County, Arizona

Section _____, Township 18 South, Range 15 E, unsurveyed

Surveyed under instructions dated August 10th, 1898,

by George J. Roskruger
U. S. Deputy Mineral Surveyor.

Claim located May 7th 1894, 18 .

Survey commenced August 9th, 1898.

Survey completed August 9th, 1898.

o 6-160

Address of Claimant's Atty's.

Herford Hazard, Tucson, A. T.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE Will R. Winton and _____
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~~^{my} skill and ability, and in accordance with instructions given ~~us~~^{me}, in the survey of the Mining Claim of Charles W. Welch, assignee of Lewis Lewisohn

_____, known as the Antelope Lode
situate in Helvetia mining district,
Pima County, Arizona
in Section _____, Township No. 18 S., Range No. 15 E. unsurveyed

Will R. Winton, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before me this 9th day of August, 1898

George J. Roskruge, Notary Public
my Commission expires Feb: 11. 1899.

I, Carlos P. Lopez — _____, 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 Charles W. Welch, assignee of Leonard Lewisohn

known as the Antelope Lode
more fully described in the preceding affidavit.

Carlos P Lopez, Axeman.

Subscribed and sworn to by the said Carlos P. Lopez before me this 9th day of August, 1898.

George J. Roskruge, Notary Public
my Commission expires Feb: 11. 1899.

I, Jose R. Lopez _____, 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 Charles W. Welch, assignee of Leonard Lewisohn

known as the Antelope Lode
more fully described in the preceding affidavit.

Jose R Lopez, Flagman.

Subscribed and sworn to by the said Jose R. Lopez before me this 9th day of August, 1898.

George J. Roskruge, Notary Public
my Commission expires Feb: 11. 1899.

Feet.

Survey No. 1311.

Antelope Lode.

Beginning at Cor. No. 1.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-1311. whence

W. S. L. M., No. 1, bears S. 16° 58' W. 250.4 ft.

An oak, 9 ins. diam., bears S. 70° E. 162 ft., and an oak, 12 ins. diam., bears S. 46° E. 213.5 ft., each blazed and scribed B. T. 1-1311.

Thence N. 19° E.

Descending.

260. Gulch, 3 ft. deep, course N. 40° W.

Ascending over broken ground.

1257. To Cor. No. 2.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1311.

No bearings available.

Thence S. 71° E.

Over broken ground.

190. Gulch, 5 ft. deep, course N. 15° E.

300. To North Center Mon.

A redwood post in mound of stone, scribed N. Ct. A.

385. Gulch, 4 ft. deep, Course N. 10° E.

600. To Cor. No. 3.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1311, whence

An oak, 11 ins. diam., bears N. 49° 15' E. 70 ft., and an oak, 6 ins. diam., bears N. 6° 15' W. 125 ft., each blazed and scribed B. T. 3-1311.

Thence S. 19° W.

Over broken ground.

1257. To Cor. No. 4.

A redwood post, 4 ft. long, 4 ins. square,

- Feet. set 18 ins. in the ground, with mound of stone, scribed 4-1311, whence Cor. No. 3. Surv. No. 1312, Baltimore lode, bears S. 85° 10' E. 280.1 ft.
- Post I. M. B. survey 1312, Baltimore lode, bears S. 27° 25' E. 30.5 ft.
- Thence N. 71° W.
- Over broken ground.
- 274. Gulch, 4 ft. deep, course N. 35° W.
- 300. To Initial Mon.
- A redwood post in mound of stone, scribed I. M. A.
- 600. To Cor. No. 1, the place of beginning.
- The ledge extends throughout the center of claim.
- Variation of all corners 12° 35' E.

Area.

Total and net area Antelope lode, 17.313 acres.

The survey of the Antelope lode is identical with the original location. There are no known adjoining claims.

Location.

This claim is located on the Western slope of the Santa Rita Mountains, in Helvetia mining district, Pima County, Arizona, and will, when the Public Land surveys are extended over this section of country be embraced in T. 18 S., R. 15 E., G. and S. R. M., Arizona.

None known
1257 ft. mon. center

Expenditure of Five Hundred Dollars.

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

No. 1. The discovery shaft, which is on the center line 608 ft. from center of line 4-1 (and post I. M. A.)

4 x 6 ft., 10 ft. deep in rock.

Value, \$100.

No. 2. A shaft, 20 ft. left of a point 485 ft. on the center line 4-1 (and post I. M. A.), 4 x 6 ft., 12 ft. deep, at the bottom of which a tunnel 6 x 4 ft., running S. 81° W. 18 ft. to breast, and a drift, 4 x 6 ft., running S. 2° W. 46 ft. to breast, all in rock.

Value of shaft, tunnel and drift, \$750.

No. 3. A cut, the face of which is on the center line 586 ft. from center of line 4-1, (and post I. M. A.), 4 ft. wide, 4 ft. face, running S. 70° E. 7 ft. in earth and rock.

Value, \$20.

No. 4. A shaft, which is on the center line 665 ft. from center of line 4-1, (and post I. M. A.), 4 x 6 ft. 17 ft. in rock, from mouth of which a cut, 6 ft. wide, 7 ft. face, running S. 71° E. 16 ft. in earth and rock.

Value of shaft and cut, \$270.

No. 5. A shaft, which is on the center line, 740 ft. from the center of line 4-1, (and post I. M. A.), 4 x 8 ft., 11 ft. deep in rock, from mouth of which a cut, 4 ft. wide, 6 ft. face, running S. 69° E., 14 ft. in earth and rock.

Value of shaft and cut, \$200.

No. 6. A shaft, 30 ft. right of a point 740 ft. from the center of line 4-1, (and post I. M. A.), 4 x 6 ft. 28 ft. deep in rock.

Value, \$280.

Instrument.

This survey was made with a Gurley Light Mountain Transit.
The courses were deflected from

the true meridian as determined
by direct solar observations. The
distances were measured with a
100 ft. steel tape.

George J. Rostruge
U. S. Dep. Min. Sur.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by George J. Rostkuge
 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 Charles W. Welch, assignee of
Leonard Lewisohn
 known as the Antelope Lode
 and showing the respective capacities in which they acted.

- Will R. Winton, Chairman.
 _____, Chairman.
Carlos P. Lopez, Axman.
Jose R. Lopez, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Will R. Winton - Carlos P. Lopez
 and Jose R. Lopez - _____, do solemnly swear that we assisted George J.
Rostkuge, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Charles W. Welch, assignee of
Leonard Lewisohn
 _____, known as the Antelope
Lode, 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.

- Will R. Winton, Chairman.
 _____, Chairman.
Carlos P. Lopez, Axman.
Jose R. Lopez, Flagman.

Subscribed and sworn to by the above-named persons before me

this 13 th day of August, 1898

George J. Rostkuge
 Notary Public

my Commission expires Feb. 11, 1899.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, George J. Roskruge, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 6th, 1898, 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 Charles N. Welch, assignee of Lewis Lewidohn, known as the Antelope Tode, situate in Helvetia Mining District, Pima County, Arizona, in Section , Township No. 18 S., Range No. 15 E. (unsurveyed) and designated as Survey No. 1311, 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 his 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.

George J. Roskruge
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said George J. Roskruge
U. S. Deputy Mineral Surveyor, before me John B. Anderson, a Justice of the Peace in Pima Co. Ariz. this 13th day of August, 1898.

John B. Anderson
a Justice of the Peace in P.
for Pima County, Arizona.

Affidavit of Five Hundred Dollars Improvements.

We William Shaw and Charles Holmes

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Antelope Lode mining claim, situated in

Helvetia Mining district, Pima County, Charles W. Welsh assignee of Arizona Territory, for which Leonard Lewisohn, by Hereford and Hazzard, his attorneys

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 his grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

William Shaw
Charles C Holmes

TERRITORY OF ARIZONA,
County of Pima } ss.

SWORN to and subscribed before me, this
13th day of August 1898.

George Proskinge, Notary Public
my commission expires Feb. 11. 1899.

LOCATION NOTICE.

Notice is hereby given that the undersigned has this day located and claimed 1500 feet along course of this lead or lode, and 300 feet on each side of said lead, lode or vein of mineral bearing quartz, situated in ~~the~~ Helvetia Mining Dist. County of Pima, Arizona. Described as follows, Commencing at this monument

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

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 Antelope Mining Claim*

as appears of record now in my office in book *FF Record of Mines* pages *38*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *24th* day of *May* A. D., 189*8*.

Chas. A. Shibell
 County Recorder.

LOCATION NOTICE.

Notice is hereby given that the undersigned has this day located and claimed 1500 feet along course of this lead or lode, and 300 feet on each side of said lead, lode or vein of mineral bearing quartz, situated in the Helvetia Mining Dist. County of Pima, Arizona. Described as follows, Commencing at this monument of stone, being the center of the South end of claim, thence East 300 feet, thence North 1500 feet, thence West 300 feet being center North end of claim thence West 300 feet, thence South 1500 feet, thence East 300 feet to place of beginning, This claim is located Western slope of Santa Rita Mts. about 1 mile North of U.S.Mineral Monument No.1, and shall be known as the the Antelope Mine.

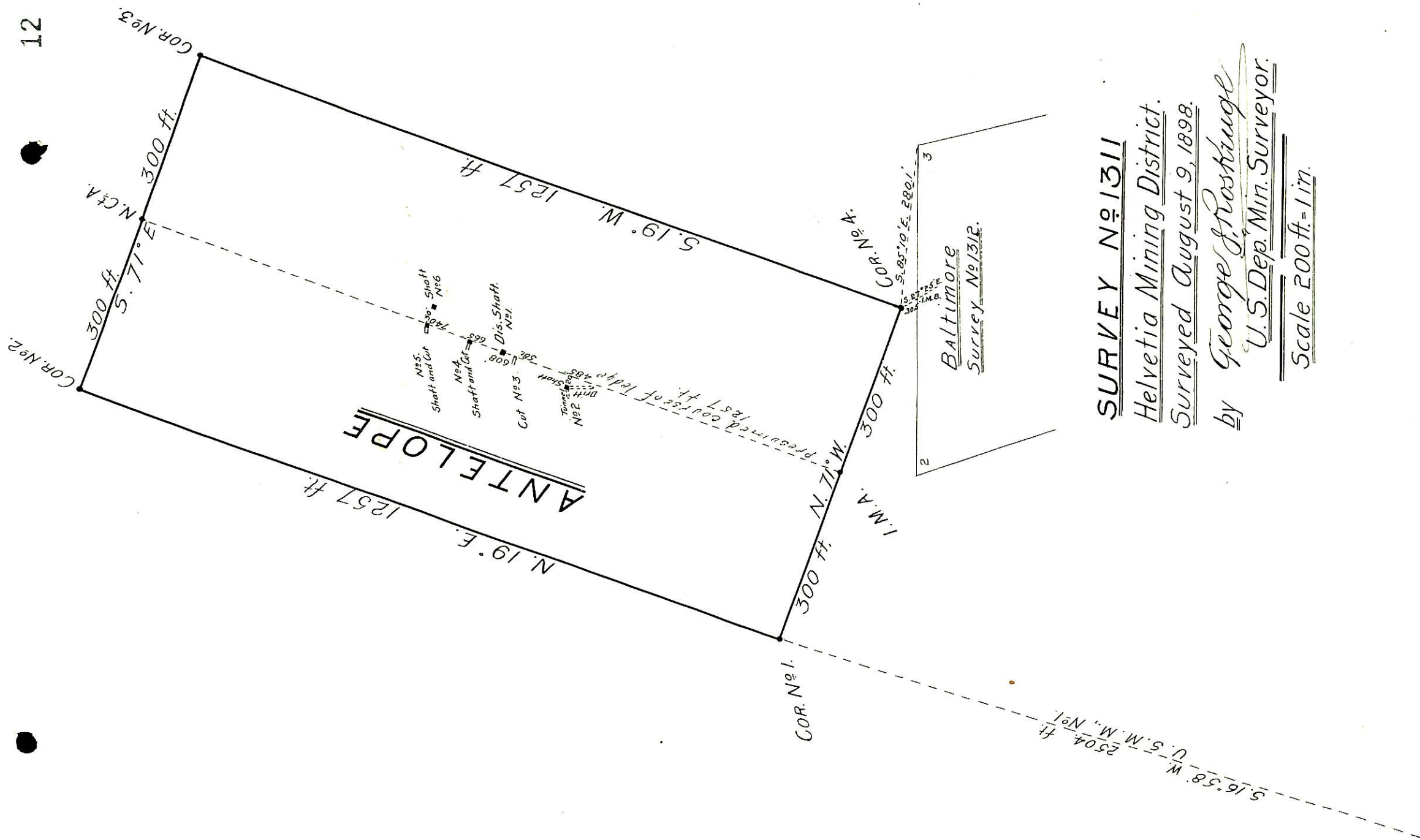
Located May 7th, 1894.

W.B.McCleary.

Jno.V.Weigle- Locators.

Filed and recorded at request of W.B.McCleary July 5th,A.D.1894,
at 9 A.M.

Chas.A.Shibell,
County Recorder.



SURVEY No 1311

Helvetia Mining District.

Surveyed August 9, 1898.

by George Frothingham

U.S. Dep. Min. Surveyor.

Scale 200 ft. = 1 in.

(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,

Sept 29-....., 1898.

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

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

Survey of the Mining Claim of Charles W. Welch,

assignee of Leonard Lewison,

....., known as the

Antelope lode

situate in Helvetia mining district,

Pima County, Arizona,

in Section , Township No. 18 S, Range No. 15 E (unsurveyed)

G. & R. D. & No. 1311. designated as Survey No. 1311.

executed by George J. Roskrige, U. S. Deputy Mineral

Surveyor, August 9th, 1898, under my instructions dated

August 6", 1898, 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.

George Christ

U. S. Surveyor General for Arizona.