

A L H

AUG. 24, 1918

4-683

MINERAL SURVEY No. 3536

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Union Basin Mining Company

KNOWN AS THE

Niwot Lode

Yallapai Mining District,

MoHAVE County, Arizona

Section 6, Township 22 N, Range 17 W

Surveyed under instructions dated Aug. 9th, 1918.

by S. E. Guthrey U. S. Mineral Surveyor.

Claim located See location notice, 1909

Survey commenced Aug. 15th, 1918

Survey completed Aug. 16th, 1918

Address of claimant Armstrong & Lewis, Attorneys Phoenix Ariz.

DATES OF AMENDED LOCATIONS.

March 5th 1918

Feet	Beginning at Corner No. 1, identical with Corner No. 1 of Prosperity Lode, Survey No. 2427, a granite stone 4"x 12"x 12" high, chiseled N. I-3536 and P. I-2427. The $\frac{1}{4}$ Corner on the East line of Section 6, T 22 N, R 17 W of G. & S. R. B. & M., bears S 56°26'40"E, 1018.69'. A cross on a ledge of rock, 3 $\frac{1}{2}$ x 2' face, chiseled B. R. I-3536, bears S 70°40'W, 13.87'. A cross on a ledge of rock, 2' x 2' face, chiseled B. R. I-3536, bears N 49°49'W, 43.45'. Corner No. 2 of Tub Lode, Survey No. 1315, bears S 39°45'40"E, 393.46'. Thence N 42°12'20"W, Var. 15°20'E.
1424.42	Intersect line B-E of Mariposa Lode, Survey 529, at N 61°10'E, 13.45' from Corner F, and at S 61°10'W, 286.55' from Corner B.
1452.59	To Corner No. 2, a redwood post 5 $\frac{1}{2}$ ' long, 4" square set 18" in the ground and in the center of a mound of earth and stone, 5' base 1' high, scribed N. 2-3536, identical with point for Corner No. 2 of Prosperity Lode, Survey No. 2427, and for Corner No. 1 of Silver Lode, Survey No. 2987. A cross on a ledge of rock, 3 $\frac{1}{2}$ x 1 $\frac{1}{2}$ ' face, chiseled B. R. 2-3536, bears S 15°47'E, 57.15'. A cross on a ledge of rock, 2' x 4' face, chiseled B. R. 2-3536, bears N 44°17'W, 29.95'. Point for Corner F of Mariposa Lode, Survey No. 529, bears S 14°13'10"E, 27.35'. Thence S 49°56'40"W, Var. 15°30'E.
5.22	Intersect line F-E of Mariposa lode, Survey No. 529, at N 24°50'W, 25.52' from Corner F.
15.00	To N.W. end center, a redwood post, 5 $\frac{1}{2}$ ' long, 4" square, set 18" in the ground and in the center of a mound of earth and stone, 5' base 1' high, scribed, N. E. C. N. -3536, also intersect lode line at N 42°12'20"W, 490.00' from center of discovery shaft.
43.66	To Corner No. 3, a redwood post, 5 $\frac{1}{2}$ ' long, 4" square, set 18" in the ground and in the center of a mound of earth and stone, 5' base 1' high, scribed N. 3-3536. A cross on a ledge of rock, 3' x 1 $\frac{1}{2}$ ' face, chiseled B. R. 3-3536, bears S 61°17'E, 56.40'. A cross on a ledge of rock, 2' x 4' face, chiseled B. R. 3-3536, bears N 15°19'W, 50.56'. Thence S 36°22'10"E, Var. 15°30'E.
633.28	To Corner No. 2 of Silver Lode, Survey No. 2987, whence pt. for Cor. No. 1 thereof
1371.03	To Corner No. 3 of Silver Lode, Survey No. 2987. brs. N. 32°27'W, 437.58 ft.
1371.20	Intersect line 3-4 of Little Jimmy Lode, Survey No. 3138, at S 47°23'30" W, 149.04' from Corner No. 4, and at N 47°23'30"E, 323.58' from Corner No. 3.
1454.57	To Corner No. 4, a redwood post 5 $\frac{1}{2}$ ' long, 4" square, set 18" in the ground and in the center of a mound of earth and stone, 5' base 1' high, scribed N. 4-3536. A cross on a ledge of rock, 2' x 2 $\frac{1}{2}$ ' face, chiseled B. R. 4-3536, bears N 80°31'E, 21.14'. A cross on a ledge of rock, 3 $\frac{1}{2}$ ' x 2 $\frac{1}{2}$ ' face, chiseled B. R. 4-3536, bears N 18°38'W, 26.20'. Thence N 49°56'40"E, Var. 15°45'E.
129.22	To Cor. No. 2 Galconda lode, Sur. No. 2217.
162.06	Intersect line 1-4 of Little Jimmy Lode, Survey No. 3138, at S 45°00'51"E 90.19' from Corner No. 4, and at N 45°00'51"W, 534.22' from Corner No. 1.
176.67	To S.E. end center, a redwood post, 5 $\frac{1}{2}$ ' long, 4" square, set 18" in the ground and in the center of a mound of earth and stone, 5' base 1' high, scribed, S. E. C. N. -3536, also intersect lode line at S 42°12'20"E, 962.59' from center of discovery shaft.
191.67	To Corner No. 1, the place of beginning.

- Area -	Acres
Total area of Niwot Lode	3.921
Area in conflict with	
Survey No. 2987, Silver Lode	.317
Survey No. 3138, Little Jimmy Lode	.309
Survey No. 529, Mariposa Lode	.006
Survey No. 529, Mariposa lode, exclusive of its conflict with Sur. No. 2987 Silver lode.	.002

- Location -
This Survey is located in the N.E. $\frac{1}{4}$ of Section 6, T 22 N, R 17 W of Gila and Salt River Base and Meridian.

Survey No. 3536
Niwot Lode (continued)

-Adjoining Claims-

This Lode is adjoined on the West by Mariposa Lode, Survey No. 529, with which it conflicts; on the South by Silver Lode, Survey No. 2987, with which it conflicts; on the East by Little Jimmy Lode, Survey No. 3138, with which it conflicts, and, by Golconda Lode, Survey No. 2617; and on the North by Prosperity Lode, Survey No. 2427. No other adjoining or conflicting claims known.

Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:-

No. 1 - The discovery shaft, 4' x 6' - 8' deep, the center of which, being on the lode line, bears S 42° 12' 20" E, 490.00' from the N.W. end center.

Value \$ 45.00

An undivided one fourteenth interest in the system of common improvements on the Blackfoot Lode, Survey No. 3508, and Golconda Lode, Survey No. 2617, Union Basin Mining Company Claimants, ^{as explained in the field notes of Min. Sur. No. 3508.} is hereby credited to Niwot Lode.

Value \$ 11,454.46

- Lode Lines -

As nearly as may be determined from present developments, the vein on this location extends N 42° 12' 20" W 490.00' and S 42° 12' 20" E, 962.59' from the discovery shaft.

- Report -

All lines of this Survey were run directly upon the ground.

The $\frac{1}{4}$ Corner on the East line of Section 6, T 22 N, R 17 W of G. & S. R. B. & M., is a granite stone, 2" x 4" x 6" above ground, chiseled $\frac{1}{4}$ on West face.

Survey No. 529, Mariposa Lode.

Corners F - B - C and E are not in place, all traces having been obliterated. I retraced lines B-F and E-F and re-established points for Corners B and F, by starting at Corner No. 2 of Mariposa First North Extension Lode, Survey No. 529, and running on the Courses as given in the approved field notes of said Surveys Nos. 527 and 529. Corner No. 2 of Mariposa First North Extension Lode, is a 2" x 4" pine post, 2 $\frac{1}{2}$ ' long, set and marked as approved.

Survey No. 2987, Silver Lode

Corners Nos. 2 and 3 are granite stones, set and marked as approved. Corner No. 1 is not in place, and I established point for same from the bearing rocks, using bearings and distances as given in the approved field notes. I also established said point for Corner No. 1 by retracing line 1-2, starting from Corner No. 2 and running on the course as given in the approved field notes of Survey No. 2987. This point checked with the one established from bearing rocks.

The course and distance of line 2-3 is S 36° 22' 10" E, 737.75' instead of S 36° 26' E, 737.50' as approved.

Survey No. 3138, Little Jimmy Lode.

Corners Nos. 1-3 and 4 are granite stones, set and marked as approved. The Course and distance of line 3-4 is N 47° 23' 30" E, 472.62' instead of N 47° 25' 30" E, 472.55', as approved.

The course and distance of line 1-4 is N 45° 00' 51" W, 624.41' instead of N 44° 59' 10" W, 623.79', as approved.

Survey No. 2427, Prosperity Lode.

Corner No. 2 is not in place and I established point for same from the bearing rocks, using the bearings and distances as given in the approved field notes of Survey.

Golconda Lode, Survey No. 2617.

Corner No. 2 is not in place and I established point for same from the bearing rocks, using the bearings and distances as given in the approved field notes of Survey.

The Survey of this Lode is identical with the amended location as staked upon the ground.

- Instrument -

This Survey was made with an Ainsworth Precision transit. The courses were deflected from the true Meridian, as determined by direct Solar observation. Distances were measured with 100' and 500' standard steel tapes.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Samuel E. Guthrey
United States 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 _____

_____ Union Basin Mining Company
known as the Niwot Lode

and showing the respective capacities in which they acted.

- _____ John Colin _____, *Chainman.*
- _____ _____, *Chainman.*
- _____ _____, *Axman.*
- _____ _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

[✓]
We, I _____ John Colin _____
and _____, do solemnly swear that we assisted _____
Samuel E. Guthrey, United States Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of _____ Union Basin Mining Company

known as the Niwot Lode
represented in the foregoing field notes as having been surveyed by said 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 instruc-
tions furnished by the United States Surveyor-General for _____ Arizona

- _____ John Colin _____, *Chainman.*
- _____ _____, *Chainman.*
- _____ _____, *Axman.*
- _____ _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 22nd
day of August, 1918.

Carl G. Krook
Notary Public

My Commission Expires July 15, 1919



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Samuel E. Guthrey, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug. 9th, 1918, 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 Union Basin Mining Company, known as the Nivot Lode, situate in Wallapai Mining District, Mohave County, Arizona, in Section 6, Township No. 22 N., Range No. 17 W., and designated as Survey No. 3536, 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.

Samuel E. Guthrey
U. S. Mineral Surveyor

Subscribed and sworn to by the said Samuel E. Guthrey
U. S. Mineral Surveyor, before me a notary Public
of Mohave County, Arizona this 22nd
day of August, 1918.

Carroll G. Krook
Notary Public

My com. exp. July 15/1919

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

July 7, 1919

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

UNION BASIN MINING COMPANY

known as the NIWOT LODE

situate in WALLAPAI

Mining District, MOHAVE County, ARIZONA.

in Section 6, Township No. 22 N., Range No. 17 W., and

designated as Survey No. 3536, has been correctly copied from the originals on file in

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

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft, value \$45.00, and a 1/14 interest, value \$11,454.46, in the system of common improvements on the Blackfoot and Golconda lodes, Surs. No. 3508 and 2617, respectively.

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

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for 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 7, 1919

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

UNION BASIN MINING COMPANY

, known as the

NIWOT LODE

situate in WALLAPAI mining district,

MCHAVE County, ARIZONA.

in Section 6, Township No. 22 N., Range No. 17 W.

, designated as Survey No. 3536

executed by S. E. Guthrey, U. S. Mineral

Surveyor, August 15-16, 1918, under my instructions dated

August 9, 1918, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.

[Handwritten signature]

U. S. Surveyor General for Arizona.