

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4291

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

J. Reed Denison

Known As The

Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3  
Psilomelane No. 1, Psilomelane No. 2, Magna No. 1 Long Valley  
Magna No. 2, and Baxter lodes. Mining District,  
Cocconino County, Arizona

Sections 24 & 25 in T14 N Range R9 E  
19 & 30, Township 14 N, Range 10 E

Surveyed under instructions dated April 19<sup>th</sup>, 1945

by R. L. Merritt  
Mineral Surveyor.

Last Chance No. 1, Aug. 1, 1941; Magna No. 1, July 26, 1943  
Shafer No. 1, June 6, 1942; Magna No. 2, " " "  
Shafer No. 2, " " " ; Baxter Jan. 20, 1945  
Shafer No. 3, " " " "  
Claims located Psilomelane No. 1 July 2, 1942 19  
Psilomelane No. 2 " " " "

Survey commenced June 6<sup>th</sup>, 1945

Survey completed June 21<sup>th</sup>, 1945

Address of claimant Morgan & Locklear Attys,  
Prescott Arizona.

DATES OF AMENDED LOCATIONS

Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3,  
Psilomelane No. 1, Psilomelane No. 2, Magna No. 1, Magna No. 2,

March 23, 1945.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 2377

\_\_\_\_\_  
\_\_\_\_\_

FIELD NOTES

OF THE SURVEY OF THE MINERAL CLAIM OF

\_\_\_\_\_

Known as the

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Surveyed under instructions dated \_\_\_\_\_

\_\_\_\_\_

Jan. 20, 1942

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by R. L. Merritt

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 \_\_\_\_\_

J. Reed Denison

known as the Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3, Psilomelane No. 1, Psilomelane No. 2, Magna No. 1, Magna No. 2, and Baxter lodes.

and showing the respective capacities in which they acted.

P. J. McNulty, Chairman.  
\_\_\_\_\_, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

FINAL OATHS OF ASSISTANTS

I, P. J. McNulty

and \_\_\_\_\_, do solemnly swear that we assisted R. L. Merritt, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of \_\_\_\_\_

J. Reed Denison

known as the Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3, Psilomelane No. 1, Psilomelane No. 2, Magna No. 1, Magna No. 2, and Baxter lodes.

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 instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

P. J. McNulty, Chairman.  
\_\_\_\_\_, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 22

day of June, 1945  
F. C. Bauer  
Notary Public

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by  
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  
J. Reed Jackson

known as the  
and showing the respective positions in which they acted

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

FINAL OATHS OF ASSISTANTS

We  
do solemnly swear that we assisted  
United States Mineral Surveyor in marking the corners and surveys  
the boundaries of the mining claim of  
J. Reed Jackson

known as the  
represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
direction; and that and every part thereof, to the best of our knowledge and belief, truthfully  
and correctly executed, and the corners and boundary monuments established according to law and the  
instructions furnished by the Office of General Land Office at Phoenix, Arizona.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Witnessed and sworn to by the above-named persons before me this

day of \_\_\_\_\_ 19\_\_  
\_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, R. L. Merritt, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix Arizona, dated April 19th 1945,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of \_\_\_\_\_

J. Reed Denison, known as the  
Last Chance No. 1, Shater No. 1, Shater No. 2, Shater No. 3, Psilomelane No. 1  
Psilomelane No. 2, Magna No. 1, Magna No. 2 and Baxter Lodes,  
situate in Hong Valley Mining District,  
Coconino County, Arizona, in Sections  
24 & 25 Township No. 14 N Range No. 9 E  
19 & 30, Township No. 14 N, Range No. 10 E

and designated as Survey No. 4291, 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements 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.

R. L. Merritt  
(Mineral Surveyor)  
Subscribed and sworn to by the said R. L. Merritt  
Mineral Surveyor, before me F. C. Bauer

this 22  
day of June, 1945  
F. C. Bauer  
Notary Public

My Commission Expires Jan. 10, 1949

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

SWORN STATEMENT OF A MINERAL SURVEYOR

I, Walter S. [Name], Mineral Surveyor,  
do hereby certify that in pursuance of instructions received from the Office of the  
Engineer, at [Location], dated [Date], I have, in strict conformity to the laws of the United States, the official regulations,  
and instructions of the Office of the Engineer, and the instructions of the Office of the Mineral Surveyor,  
carefully and correctly surveyed the survey of the mine claim of  
[Name], known as the  
[Name], in the  
District of [District],  
in Section [Section],  
Township No. [Township], Range No. [Range],  
and designated as survey No. [Survey No.], as represented  
in the foregoing field notes, which accurately show the location of said mining claim  
in distinctly marked boundaries on the ground, and recorded in the attached copy of  
the location certificate, which was received by me from the Office of the Mineral Surveyor,  
with said instructions, and that all corners of said survey have been established and  
marked 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 thereon, and that the labor expended and im-  
provements made upon said mining claim by defendant or  
grantor are as therein fully stated, and that the contents, extent, location, and  
bearing value thereof are specified therein with particularity and full detail, and  
that no portion of said land or improvements so specified in this certificate has been included  
in the estimate of value to be paid upon any other claim.

[Signature]  
Mineral Surveyor

[Signature]  
[Name]



Feet	<p>Mineral Survey No. 4291 was made with a Lietz Transit No. 10256, Model No. 11, with horizontal limb 5 ins. in diam., having two double opposite verniers, and full vertical circle, 4 ins. in diam., having one double vernier; the verniers read to one minute of arc; a prismatic eye piece with colored glass shade was attached to the eyepiece of the transit for the solar observations. The instrument was in good condition at the time of the survey and all adjustments were in good order. A noon altitude observation on the meridian for latitude and time and a p.m. observation for azimuth were made, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.</p> <p>The lines were measured with a Lufkin steel tape 500 ft. in length, graduated every foot, the first foot being graduated to tenths and hundredths.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic variation observed at each corner of this survey gave a uniform deflection of 15° E.</p>
	<p>BAXTER LODE</p>
	<p>Beginning at Cor. No. 1 of Baxter Lode, which agrees with a corner of the location, a mound of stones 3 ft. high by 3 ft. base.</p>
	<p>I set a Limestone 8"x12"x28" - 16 ins. in the ground, mkd. X-B-1, 4291.</p>
	<p>The Cor. of Secs. 19, 24, 25 &amp; 30, Ts. 14 N., Rs. 9 and 10 E., G. &amp; S. R. M., an iron pipe with a brass cap properly marked bears S. 13° 22' 30" E. 815.62 ft. dist.</p>
	<p>A Pine tree 24 ins. diam. bears N 62° 49' E. 7.3 ft. dist., mkd. B-T-X, B-1, 4291.</p>
	<p>A Pine tree 24 ins. diam. bears S. 68° 39' W. 17.3 ft. dist., mkd. B-T-X, B-1, 4291.</p>
	<p>Cor. No. 2 Last Chance No. 1 lode of this survey, bears N. 73° 50' W. 165.53 ft. dist.</p>
	<p>Thence S. 81° 09' W.</p>
150.0	<p>Intersect line 1-2 Last Chance No. 1 lode of this survey at a point from which Cor. No. 2 bears N. 8° 51' W. 70 ft. dist.</p>
1060.0	<p>Center of road bears N. 48° E. and S. 48° W.</p>
1500.0	<p>Cor. No. 2 Identical with the location cor. a mound of stones 3 ft. base, by 3 ft. high.</p>
	<p>Set a Sandstone 8"x16"x30" - 18 ins. in the ground for Cor. No. 2 mkd. X-B-2, 4291.</p>
	<p>A Pine, 36 ins. diam., bears S. 85° 51' E. 14.2 ft. dist. mkd. B-T-X, B-2 4291.</p>
	<p>A Pine, 36 ins. in diam., bears N. 48° 13' E. 17.0 ft. dist. mkd. X-B-T, B-2, 4291.</p>
	<p>Thence N. 8° 51' W.</p>
300.0	<p>Intersect the lode line at the west end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.</p>

## Feet

600.0	<p>Corner No. 3</p> <p>Identical with the location Cor., a mound of stones 3 ft. base, by 3 ft. high.</p> <p>Set a Sandstone 8"x8"x26" - 16 ins. in the ground for Cor. No. 3, mkd. X-B-3, 4291.</p> <p>A Pine 24 ins. diam. bears S. 30° 04' W. 42.2 ft. dist., mkd. B-T-X, B-3, 4291.</p> <p>A Pine 20 ins. diam. bears N. 4° 11' W 12.0 ft. dist., mkd. B-T-X, B-3, 4291.</p> <p>Thence N. 81° 09' E.</p>
260.0	Center of road bears N. 43° W. and S. 43° E.
1110.0	Center of road bears N. 32° E. and S. 32° W.
1310.0	Center of road bears N. 47° W. and S. 47° E.
1500.0	<p>Corner No. 4</p> <p>Identical with the location Cor., a mound of stones 3 ft. base by 3 ft. high.</p> <p>Set a Limestone 8"x12"x28" - 16 ins. in the ground for Cor. No. 4, mkd. X-B-4, 4291.</p> <p>A Pine, 8 ins. diam., bears N. 8° 11' W. 86.4 ft. dist., mkd. X-B-T, B-4, 4291.</p> <p>A Pine, 48 ins. diam., bears N. 44° 42' E. 55.8 ft. dist., mkd. X-B-T, B-4, 4291.</p> <p>Thence S. 8° 51' E.</p>
300.0	Intersect the lode line at the East end center. A mound of stones 3 ft. high by 3 ft. base, identical with the location.
470.0	Center of road, bears N. 18° W. and S. 18° E.
530.0	Intersect line 2-3 Last Chance No. 1 Lode of this survey, at a point from which Cor. No. 2 bears S. 81° 09' W. 150.0 ft. dist.,
600.0	<p>Corner No. 1, and place of beginning.</p> <p>LAST CHANCE NO. 1 LODE</p> <p>Beginning at Cor. No. 1 of Last Chance No. 1 Lode, which agrees with a corner of the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>Set a Limestone 10"x12"x30" - 18 ins. in the ground for Cor. No. 1, mkd. X-1-L-C-1, 4291.</p> <p>The Cor. of Secs. 19, 24, 25, &amp; 30, Ts. 14 N., Rs. 9 and 10 E., an iron pipe with a brass cap properly mkd. bears N. 10° 18' 40" E. 653.11 ft. dist.</p> <p>A Pine 48 ins. in diam. bears N. 6° 14' W. 32.1 ft. dist. mkd. X-B-T, 1-L-C-1, 4291.</p> <p>A Pine 48 ins. in diam. bears N. 72° 39' W. 70 ft. dist. mkd. X-B-T, 1-L-C-1, 4291</p> <p>Thence N. 8° 51' W.</p>



## Feet

1430.0	Intersect line 1-2 Baxter lode of this survey at a point from which Corner No. 1 bears N. 81° 09' E. 150.0 ft. dist.
1500.0	Corner No. 2 On Limestone in place 36x36x8 ins. above ground, point for Cor. No. 2, mkd. X-2-LC-1, 4291, identical with a corner of the location a mound of stones 3 ft. base by 3 ft. high, Cor. No. 1 Baxter lode of this survey bears S. 73° 50' E. 165.53 ft. dist.  A Pine 14 ins. in diam. bears N. 32° 31' E. 23.3 ft. dist., mkd. X-B-T, 2-LC-1, 4291.  A Pine 18 ins. in diam. bears S. 50° 51' E. 22.0 ft. dist. mkd. X-B-T, 2-LC-1, 4291.  Thence N. 81° 09' E.
150.0	Intersect line 4-1 Baxter lode of this survey at a point from which Cor. No. 1 bears S. 8° 51' E 70 ft. dist.
160.0	Center of road bears N. 8° 51' W. and S. 8° 51' E.
300.0	Intersect the lode line at the north end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 3. Set a Limestone 10x16x28 ins., 16 ins. in the ground for Cor. No. 3, mkd. X-3-LC-1, 4291, identical with the location, a mound of stones 3 ft. base by 3 ft. high.  A Pine 48 ins. in diam. bears N. 41° 41' W. 47.4 ft. dist., mkd. X-B-T, 3-LC-1, 4291.  A Pine 24 ins. in diam. bears N. 69° 51' E. 30.8 ft. dist., mkd X-B-T, 3-LC-1, 4291  Thence S. 8° 51' E.
145.0	Center of road, bears S. 84° 30' E. and N. 84° 30' W.
1273.93	Intersect line 1-2 Shafer No. 3 lode of this survey at a point from which Cor. No. 1 bears S. 44° 09' W. 566.64 ft. dist.
1500.0	Corner No. 4 Set a Limestone 8x12x26 ins. - 16 ins. in the ground for Cor. No. 4, mkd. X-4-LC-1, 4291. Identical with the location, a mound of stones 3 ft. base by 3 ft. high.  A Pine 30 ins. in diam. bears N. 75° 06' W. 59.4 ft. dist., mkd. X-B-T, 4-LC-1, 4291.  A Pine 36 ins. in diam. bears S. 49° 35' E. 89.6 ft. dist., mkd X-B-T, 4-LC-1, 4291.  Thence S. 81° 09' W.
300.0	Intersect line 1-2 Shafer No. 3 lode of this survey at a point from which Cor. No. 1 bears S. 44° 09' W. 191.0 ft. dist.,  Intersect the lode line at the south end center, a mound of stones, 3 ft. base by 3 ft. high, identical with the location.
355.0	Center of road bears N. 20° W. and S. 20° E.
600.0	Corner No. 1, the place of beginning

Survey No. 4291  
(4)

7

Feet	SHAFFER NO. 3 LODE
	Beginning at Cor. No. 1 of Shafer No. 3 lode, which agrees with a corner of the location, a mound of stones 3 ft. base by 3 ft. high.
	I set a Sandstone 8x12x26 ins. - 16 ins. in the ground for Cor. No. 1, mkd. X-1-S-3, 4291.
	The Cor. of Secs. 19, 24, 25, & 30, T. 14, N., R. 9 & 10 E., G. & S. R. M., an iron pipe with a brass cap properly mkd. bears N. 3° 37' 40" W. 734.93 ft. dist.,
	Corner No. 4 Last Chance No. 1 lode, this survey, bears N. 66° 53' 50" E. 466.91 ft. dist.
	A Pine 18 ins. in diam. bears S. 25° 29' W. 18.3 ft. dist., mkd. X-B-T, 1-S-3, 4291.
	A Pine 18 ins. in diam. bears N. 86° 19' E. 54.2 ft. dist., mkd. X-B-T, 1-S-3, 4291.
	Thence N. 44° 09' E.
140.0	Center of road bears N. 22° W. and S. 22° E.
191.0	Intersect line 4-1 Last Chance No. 1 lode of this survey at a point from which Cor. No. 4 bears N. 81° 09' E. 300.0 ft. dist.
566.64	Intersect line 3-4 Last Chance No. 1 lode of this survey at a point from which Cor. No. 4 bears S. 8° 51' E. 226.07 ft. dist.
1500.0	Corner No. 2
	Set a Sandstone 9x16x26 ins. - 16 ins. in the ground for Cor. No. 2, mkd. X-2-S-3, 4291, identical with the location, a mound of stones 3 ft. base by 3 ft. high.
	A Pine 24 ins. in diam. bears S. 21° 29' W. 38.2 ft. dist., mkd. X-B-T, 2-S-3, 4291.
	A Pine 18 ins. in diam. bears N. 30° 14' E. 10.9 ft. dist., mkd. X-B-T, 2-S-3, 4291.
	Thence S. 45° 51' E.
35.0	Center of road bears N. 4° E. and S. 4° W.
300.0	Intersect the lode line at the Northeast <sup>end</sup> center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 3
	Set a Sandstone 8x12x26 ins. - 16 ins. in the ground for Cor. No. 3, mkd. X-3-S-3, 4291, identical with the location, a mound of stones 3 ft. base by 3 ft. high.
	A Pine 14 ins. in diam. bears S. 27° 01' E. 12.5 ft. dist., mkd. X-B-T, 3-S-3, 4291.
	A Pine 30 ins. in diam. bears N. 73° 16' W. 42.2 ft. dist., mkd. X-B-T, 3-S-3, 4291.
	Thence S. 44° 09' W.
300.0	To Cor. No. 3 Shafer No. 2 lode of this survey.
430.0	Center of road bears N. 10° E. and S. 10° W.

Survey No. 4291  
(5)

8

Feet 1500.0	<p>Corner No. 4</p> <p>Set a Sandstone 8x12x26 ins. - 16 ins. in the ground mkd. X-4-S-3, 4291.</p> <p>Identical with the location, a mound of stones 3 ft. base by 3 ft. high, on line 2-3 Shafer No. 2 lode of this survey.</p> <p>A Pine 48 ins. in diam. bears N. 70° 06' W. 27.6 ft. dist., mkd. X-B-T, 4-S-3, 4291.</p> <p>A Pine 42 ins. in diam. bears S 50° 46' E. 36.8 ft. dist., mkd. X-B-T, 4-S-3, 4291.</p> <p style="text-align: center;">Thence N. 45° 51' W.</p>
10.0	Center of road bears N. 18° W. and S. 18° E.
300.0	Intersect the lode line at the southwest end center, a mound of stones 3 ft. base by 3 ft high, identical with the location.
600.0	<p>Corner No. 1, the place of beginning</p> <p style="text-align: center;">SHAFFER NO. 2 LODE</p> <p>Beginning at Cor. No. 1 of Shafer No. 2 lode, which agrees with a corner of the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>Set a Sandstone 8x12x26 ins. - 16 ins. in the ground, mkd. X-1-S-2, 4291.</p> <p>The <math>\frac{1}{4}</math> sec. cor. sees. 25 &amp; 30, Ts. 14 N., Rs. 9 &amp; 10 E., G. &amp; S.R.M., an iron pipe with a brass cap, properly mkd. bears S 38° 34' W. 1103.50 ft. dist.</p> <p>A Pine 36 ins. in diam. bears N. 73° 09' E. 52.2 ft. dist., mkd. X-B-T, 1-S-2, 4291.</p> <p>A Pine 10 ins. in diam. bears S. 23° 49' W. 57.3 ft. dist., mkd. X-B-T, 1-S-2, 4291.</p> <p style="text-align: center;">Thence N. 45° 51' W.</p>
40.0	Center of road, bears N. 18° W. and S. 18° E.
300.0	Intersect the lode line at the Southwest end center, a mound of stones, 3 ft. base by 3 ft. high, identical with the location.
600.0	<p>Corner No. 2</p> <p>On Limestone bedrock outcrop, 6 ins. above the general surface, point for Cor. No. 2, mkd. X-2-S-2, 4291.</p> <p>Identical with the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>A Pine 12 ins. in diam. bears N. 46° 16' W. 35.3 ft. dist., mkd. X-B-T, 2-S-2, 4291.</p> <p>A Pine 24 ins. in diam bears S. 1° 01' W. 41.0 ft. dist., mkd. X-B-T, 2-S-2, 4291.</p> <p style="text-align: center;">Thence N. 44° 09' E.</p>
280.0	Center of road, bears N. 18° W. and S. 18° E.

Feet	
300.0	Corner No. 4, Shafer No. 3 lode of this survey.
1370.0	Center of road bears N. 10° E. and S. 10° W.
1500.0	Corner No. 3 Set a Sandstone 8x12x26 ins. - 16 ins. in the ground, mkd. X-5-S-2, 4291. Identical with the location, a mound of stones 3 ft. base by 3 ft. high. A Pine 42 ins. in diam. bears S 31° 19' W. 21.2 ft. dist., mkd. X-B-T, 3-S-2, 4291. A Pine 24 ins. in diam. bears N. 71° 28' W. 29.4 ft. dist., mkd. X-B-T, 3-S-2, 4291. Thence S. 45° 51' E.
300.0	Intersect the lode line at the Northeast end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 4 Set a Sandstone 10x14x28 ins. - 16 ins. in the ground, mkd. X-4-S-2, 4291. Identical with the location, a mound of stones 3 ft. base by 3 ft. high. A Pine 42 ins. in diam. bears S 21° 58' E. 33.6 ft. dist., mkd. X-B-T, 4-S-2, 4291. A Pine 18 ins. in diam. bears S. 40° 49' W. 25.5 ft. dist., mkd. X-B-T, 4-S-2, 4291. Thence S. 44° 09' W.
300.0	Corner No. 2 Shafer No. 1 lode of this survey
1040.0	Center of road, bears N. 70° E. and S. 70° W.
1500.0	Corner No. 1 and the place of beginning. SHAHER NO. 1 Beginning at Cor. No. 1 Shafer No. 1 lode, which agrees with a corner of the location, a mound of stones 3 ft. base by 3 ft. high. Set a Sandstone 8x12x28 ins. - 16 ins. in the ground, mkd. X-1-S-1, 4291 The $\frac{1}{2}$ Sec. Cor., Secs. 25 & 30, Ts. 14 N., Rs. 9 & 10 E., G. & S. R. M., an iron pipe with a brass cap properly marked, bears S. 36° 29' 30" W. 805.47 ft. dist. A Pine 10 ins. in diam. bears S. 63° 03' W. 23.0 ft. dist., mkd. X-B-T, 1-S-1, 4291. A Pine 8 ins. in diam. bears S. 73° 17' W. 12.9 ft. dist., mkd. X-B-T, 1-S-1, 4291. Thence N. 44° 09' E.
280.0	Center of road, bears N. 18° W. and S. 18° E.
300.0	Corner No. 1, Shafer No. 2 lode of this survey.

Feet	
760.0	Center of road, bears N. 70° E. and S. 70° W.
1500.0	Corner No. 2, Set a Sandstone 8x12x26 ins. - 16 ins. in the ground, mkd. X-2-S-1, 4291 Identical with the location, a mound of stones 3 ft. base by 3 ft. high. A Pine 30 ins. in diam. bears S. 56° 41' E. 30.5 ft. dist., mkd. X-B-T, 2-S-1, 4291 A Pine 10 ins. in diam. bears S 15° 16' E. 23.0 ft. dist., mkd. X-B-T, 2-S-1, 4291 Thence S. 45° 51' E.
300.0	Intersect the lode line at Northeast end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 3 Set a Sandstone 8x12x26 ins. - 16 ins. in the ground, mkd. X-3-S-1, 4291. Identical with the location a mound of stones 3 ft. base by 3 ft. high. A Pine 24 ins. in diam. bears S. 68° 46' E. 26.0 ft. dist., mkd. X-B-T, 3-S-1, 4291. A Pine 30 ins. in diam. bears S. 64° 49' W. 13.8 ft. dist., mkd. X-B-T, 3-S-1, 4291. Thence S. 44° 09' W.
300.0	Corner No. 2, Magna No. 2 lode of this survey.
600.0	A mound of stones 3 ft. base by 3 ft. high, the Northwest end center Magna No. 2 lode of this survey.
900.0	Corner No. 1 Magna No. 2 lode of this survey, identical with Cor. No. 2. Magna No. 1 lode of this survey.
1200.0	Northwest end center Magna No. 1 lode of this survey.
1500.0	Corner No. 4 Set a Sandstone 8x14x28 ins. - 16 ins. in the ground, mkd. X- 4-S-1, 1-M-1, 2-P-2, 4291 Identical with the location, a mound of stones 3 ft. base by 3 ft. high, and with Cor. No. 1 Magna No. 1, and Cor. No. 2, Psilomelane No. 2 lodes of this survey. A Pine 10 ins. in diam. bears S. 35° 21' W. 24.9 ft. dist., mkd. X-B-T, 4-S-1, 1-M-1, 2-P-2, 4291. A Pine 8 ins. in diam. bears S. 40° 31' E. 20.0 ft. dist., mkd. X-B-T, 4-S-1, 1-M-1, 2-P-2, 4291. Thence N. 45° 51' W.
70.0	Center of road bears N. 18° W. and S. 18° E.
300.0	Intersect the lode line at the Southwest end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.

Feet 600.0	<p>Corner No. 1, the place of beginning</p> <p style="text-align: center;">MAGNA NO. 1 LODE</p> <p>Beginning at Cor. No. 1, which is identical with Corner No. 2, Psilomelane No. 2 and Cor. No. 4 Shafer No. 1 lodes of this survey and agrees with a Cor. of the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>The <math>\frac{1}{2}</math> sec. Cor., Secs. 25 &amp; 30, T. 14 N., R. 9 &amp; 10 E., G. &amp; S. R. M., bears S. <math>75^{\circ}49'50''</math> W. 938.05 ft. dist.</p> <p style="text-align: center;">Thence N. <math>44^{\circ}09'</math> E.</p>
300.0	Intersect the lode line at the Northwest end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	<p>Corner No. 2</p> <p>Set a Sandstone 8x14x26 ins. - 16 ins. in the ground for Cor. No. 2, mkd. X-2-M-1, 1-M-2, 4291, on line 3-4 Shafer No. 1 lode of this survey, identical with Cor. No. 1, Magna No. 2 lode of this survey and with a Cor. of the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>A Pine 30 ins. in diam. bears N. <math>25^{\circ}51'</math> W. 74.5 ft. dist., mkd. X-B-T, 2-M-1, 1-M-2, 4291.</p> <p>A Pine 36 ins. in diam. bears N. <math>42^{\circ}59'</math> E. 111.3 ft. dist., mkd. X-B-T, 2-M-1, 1-M-2, 4291.</p> <p style="text-align: center;">Thence S. <math>45^{\circ}51'</math> E.</p>
1500.0	<p>Corner No. 3</p> <p>Set a Sandstone 8x14x26 ins. - 16 ins. in the ground for Cor. No. 3, mkd. X-3-M-1, 4-M-2, 4291.</p> <p>Identical <sup>with</sup> Cor. No. 4 Magna No. 2 lode of this survey and with a Cor. of the location, a mound of stones 3 ft. base by 3 ft. high. No bearings available.</p> <p style="text-align: center;">Thence S. <math>44^{\circ}09'</math> W.</p>
40.0	Center of road, bears N. $88^{\circ}30'$ E. and S. $88^{\circ}30'$ W.
300.0	Intersect the lode line at the Southeast end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	<p>Corner No. 4</p> <p>Set a Sandstone 8x12x26 ins. - 16 ins. in the ground, mkd. 4-M-1, 3-P-2, 4291</p> <p>Identical with Cor. No. 3 Psilomelane No. 2 lode of this survey, and with a corner of the location a mound of stones 3 ft. base by 3 ft. high.</p> <p style="text-align: center;">Thence N. <math>45^{\circ}51'</math> W.</p>
530.0	Center of road, N. $86^{\circ}30'$ E. and S. $86^{\circ}30'$ W.
1000.0	Center of road, N. $18^{\circ}$ W. and S. $18^{\circ}$ E.
1360.0	Center of road, N. $66^{\circ}$ W. and S. $66^{\circ}$ E.

Feet	
1500.0	<p>To Cor. No. 1, the place of beginning</p> <p>PSILOMELANE NO. 2</p> <p>Beginning at Corner No. 1, which is identical with Cor. No. 1 Psilomelane No. 1 lode of this survey and with a corner of the location, a mound of stones 3 ft. base by 3 ft. high.</p> <p>Set a Sandstone 8x12x26 ins. - 16 ins. in the ground mkd. X-1-P-2, 1-P-1, 4291.</p> <p>The 1<sup>st</sup> sec. cor. secs. 25 &amp; 30, T<sub>s</sub>. 14 N., R<sub>s</sub>. 9 &amp; 10 E., G. &amp; S.R.M., bears N. 67° 46' 20" W. 531.06 ft. dist.</p> <p>A Pine 30 ins. in diam. bears S. 53° W. 38.8 ft. dist., mkd. X-B-T, 1-P-2, 1-P-1, 4291.</p> <p>A Pine 30 ins. in diam. bears S. 15° 54' W. 52.1 ft. dist., mkd. X-B-T, 1-P-2, 1-P-1, 4291.</p> <p>Thence N. 44° 09' E.</p>
300.0	Intersect the lode line at the Northwest end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
580.0	Center of road bears N. 42° W. and S. 42° E.
600.0	Cor. No. 2, identical with Cor. No. 1, Magna No. 1 and with Cor. No. 4 Shafer No. 1 lodes of this survey and a corner of the location.
	Thence S. 45° 51' E.
140.0	Center of road bears N. 66° W. and S. 66° E.
500.0	Center of road bears N. 18° W. and S. 18° E.
970.0	Center of road bears N. 86° 30' E. and S. 86° 30' W.
1500.0	Corner No. 3
	Identical with Cor. No. 4, Magna No. 1 lode of this survey and with a corner of the location
	Thence S. 44° 09' W.
300.0	Intersect the lode line at the Southeast end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 4
	Set a Sandstone 8x14x26 ins. - 16 ins. in the ground for Cor. No. 4 mkd. X-4-P-2, 2-P-1, 4291.
	Identical with Cor. No. 2 Psilomelane No. 1 lode of this survey, and with a corner of the location, a mound of stones, 3 ft. base by 3 ft. high.
	A Pine 14 ins. in diam. bears S. 46° 37' E. 21.5 ft. dist., mkd. X-B-T, 4-P-2, 2-P-1, 4291.
	A Pine 24 ins. in diam. bears S. 87° 59' W. 6.7 ft. dist., mkd. X-B-T, 4-P-2, 2-P-2, 4291
	Thence N. 45° 51' W.
1500.0	To Cor. No. 1, the place of beginning.

Feet	PSILOMELANE NO. 1
	Beginning at Cor. No. 1, identical with a Cor. of the location and with Cor. No. 1 Psilomelane No. 2 lode of this survey.
	Thence S. 45° 51' E.
1500.0	Corner No. 2
	Identical with Corner No. 4 Psilomelane No. 2 lode of this survey, and with a corner of the location.
	Thence S. 44° 09' W.
300.0	Intersect the lode line at the Southeast end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Corner No. 3
	Set a Sandstone 8x10x26 ins. - 16 ins. in the ground for Cor. No. 3, mkd. X-3-P-1 4291, identical with the location, a mound of stones 3 ft. base by 3 ft. high.
	Thence N. 45° 51' W.
1500.0	Corner No. 4
	Set a Sandstone 8x10x26 ins. - 16 ins. in the ground, mkd. X-4-P-1, 4291.
	Identical with the location, a mound of stones 3 ft. base by 3 ft. high.
	A Pine 24 ins. in diam. bears N. 20° 46' W. 26.5 ft. dist., mkd. X-B-T, 4-P-1, 4291.
	A Pine 20 ins. in diam. bears N. 84° 21' W. 36.5 ft. dist., mkd. X-B-T, 4-P-1, 4291.
	Thence N. 44° 09' E.
300.0	Intersect the lode line at the Northwest end center, a mound of stones 3 ft. base by 3 ft. high, identical with the location.
600.0	Cor. No. 1, and the place of beginning.
	MAGNA NO. 2
	Beginning at Cor. No. 1, identical with Cor. No. 2 Magna No. 1 lode of this survey, and with a corner of the location. The $\frac{1}{4}$ sec. cor. Secs. 25 & 30, Ts. 14 N., Rs. 9 & 10 E., G. & S. R. M., bears S. 65° 33' 30" W. 1482.52 ft. dist.
	Thence N. 44° 09' E.
300.0	Intersect the lode line at the Northwest end center, a mound of stones 3 ft. base by 3 ft. high, identical with a corner of the location on line 3-4 Shafer No. 1 lode of this survey.
600.0	Corner No. 2
	Set a Sandstone 8x12x26 ins. - 16 ins. in the ground for Cor. No. 2, mkd. X-2-M-2, 4291, on line 3-4 Shafer No. 1 lode of this survey, identical with a Cor. of the location, a mound of stones, 3 ft. base by 3 ft. high.
	A Pine 30 ins. in diam. mkd. X-B-T, 2-M-2, 4291, bears N. 5° 56' W. 55.0 ft. dist.



Feet	<p>A Pine 24 ins. in diam. mkd X-B-T, 2-M-2, 4291, bears N. 52° 08' E. 20.4 ft. dist.</p> <p>Thence S. 45° 51' E.</p>
1500.0	<p>Corner No. 3</p> <p>Set a Sandstone 8x16x26 ins. - 16 ins. in the ground for Cor. No. 3, mkd. X-3-M-2, 4291, identical with a cor. of the location, a mound of stones 3 ft. base by 3 ft. high, and with the most northerly Cor. Magna No. 3 lode, unsurveyed.</p> <p>A Pine 10 ins. in diam., mkd. X-B-T, 3-M-2, 4291, bears N. 68° 41' W. 11.2 ft. dist.</p> <p>A Pine 20 ins. in diam., mkd. X-B-T, 3-M-2, 4291, bears N. 29° 11' W. 14.4 ft. dist.</p> <p>Thence S. 44° 09' W.</p>
300.0	<p>Intersect the lode line at the Southeast end center, a mound of stones, 3 ft. base by 3 ft. high, identical with the location.</p>
600.0	<p>Corner No. 4</p> <p>Identical with Cor. No. 3, Magna No. 1 lode of this survey and with a Cor. of the location.</p> <p>Thence N. 45° 51' W.</p>
1500.0	<p>Corner No. 1, the place of beginning.</p>
	<p>LODE LINES</p> <p>The presumed course of the vein of each of the several lode locations embraced in this survey, counted from the respective points of discovery, is as follows:</p> <p>Baxter lode, N. 81° 09' E. 275 ft. and S. 81° 09' W. 1225.0 ft.</p> <p>Last Chance No. 1 lode, S. 8°51'E. 715.0 ft. and N. 8°51' W. 785.0 ft.</p> <p>Shafer No. 3 lode, S. 44°09' W. 225.0 ft. and N. 44°09' E. 1275.0 ft.</p> <p>Shafer No. 2 lode, S. 44°09' W. 375 ft. and N. 44°09' E. 1125.0 ft.</p> <p>Shafer No. 1 lode, S. 44°09' W. 265.0 ft. and N. 44°09' E. 1235.0 ft.</p> <p>Magna No. 1 lode, N. 45°51' W. 300.0 ft. and S. 45°51' E. 1200.0 ft.</p> <p>Psilomelane No. 2 lode, N. 45°51' W. 380 ft. and S. 45°51' E. 1120.0 ft.</p> <p>Psilomelane No. 1 lode, N. 45°51' W. 25.0 ft. and S. 45°51' E. 1475.0 ft.</p> <p>Magna No. 2 lode, N. 45°51' W. 100.0 ft. and S. 45°51' E. 1400.0 ft.</p>
	<p>AREAS</p>
	<p>Acres</p> <p>Total Area, Baxter lode - - - - - 20.661</p> <p>Total Area, Last Chance No. 1- - - - - 20.661</p>
	<p>Area in conflict with:</p> <p>Baxter lode of this survey - - - - - 0.241</p> <p>Shafer No. 3 lode of this survey - - - - - 0.778</p> <p>Total Area Shafer No. 3 lode - - - - - 20.661</p> <p>Total Area Shafer No. 2 lode - - - - - 20.661</p>

	Acres
Total Area Shafer No. 1 lode - - - - -	20.661
Total Area Magna No. 2 lode - - - - -	20.661
Total Area Magna No. 1 lode - - - - -	20.661
Total Area Psilomelane No. 2 lode - - - - -	20.661
Total Area Psilomelane No. 1 lode - - - - -	20.661

## LOCATION

This survey is located in the S.E.  $\frac{1}{4}$  Sec. 24, and the N.E.  $\frac{1}{4}$  Sec. 25, T14N, R9E, and Sec. 30, and S.W.  $\frac{1}{4}$  Sec. 19, T14N, R10E, within the Coconino National Forest, Coconino County, Arizona.

## EXPENDITURE OF \$500.00

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors is not less than \$500. and that the improvements consist of:

## BAXTER

- No. 1 The discovery of the Baxter lode which is on the lode line 275.0 ft. from East center end, a Psilomelane cropping  
No Value
- No. 2 An open cut, the South end of which bears N.  $46^{\circ}35'$  E. 212.0 ft. from Cor. No. 2, Baxter lode 4 ft. wide by 6 ft. deep, runs N.  $63^{\circ}$  W. 54.0 ft.  
Value \$270.00
- No. 3 A shaft, the center of which bears N.  $88^{\circ}45'$  W. 620.0 ft. from Cor. No. 1 Baxter lode 4x6 ft. by 5 ft. deep  
Value \$ 50.00
- No. 4 An open cut, the Northeast end of which bears N.  $86^{\circ}40'$  W. 590.0 ft. from Cor. No. 1 Baxter lode 5 ft. wide by 5 ft. deep, runs S.  $54^{\circ}$  W. 12.0 ft.  
Value \$ 60.00
- No. 5 A shaft, the center of which bears S.  $48^{\circ}$  W. 311.0 ft. from Cor. No. 4 Baxter lode 4x6 ft. by 5 ft. deep  
Value \$ 50.00
- No. 6 A shaft, the center of which bears S.  $59^{\circ}05'$  W. 380.0 ft. dist from Cor. No. 4 Baxter lode 4x6 ft. by 5 ft. deep  
Value \$ 50.00
- No. 7 An open cut, the Northeast end of which bears S.  $77^{\circ}32'$  W. 280.0 Ft. dist. from Cor. No. 4 Baxter lode, 4x6 ft. runs S.  $46^{\circ}$  W. 12 ft.  
Value \$ 60.00
- No. 8 An open cut, the Northeast end of which bears S.  $59^{\circ}05'$  W. 302.0 ft. dist. from Cor. No. 4 Baxter lode, 4x6 ft. runs S.  $59^{\circ}$  W. 12 ft.  
Value \$ 60.00
- No. 9 An open cut, the South end of which bears S.  $51^{\circ}05'$  W. 310.0 ft. dist. from Cor. No. 4 Baxter lode, 4 ft. wide by 7 ft. deep runs N.  $33^{\circ}$  W. 16 ft.  
Value \$100.00
- LAST CHANCE NO. 1
- No. 1 An open cut and tunnel, portal of tunnel and end of cut being the discovery point is on the lode line 715.0 ft. dist from the south end center Last Chance No. 1 lode, Tunnel 4x5 ft. runs S.  $74^{\circ}05'$  E. 12 ft.  
Value \$100.00  
Cut, 4x5 ft. runs N.  $74^{\circ}05'$  W. 24.0 ft. dist.  
Value \$100.00

- No. 2 Point "A" a point in an open cut, bears S. 18° 50' W. 730.0 ft. dist. from Cor. No. 3 Last Chance No. 1 lode; from point "A" cut extends the following courses and distances:  
N. 62° W. 65.0 ft.  
S. 28° 30' W. 38.0 ft.  
S. 79° 00' E. 30.0 ft.  
S. 25° 30' E. 40.0 ft.  
to point "B" in cut. From point "B" cut extends S. 64° E. 30 ft. average depth 5 ft. -- total length 203.0 ft.  
Value \$700.00
- No. 3 Southeast end of a cut and Tunnel bears S 15° 30' W. 826.0 ft. dist. from Cor. No. 3 Last Chance No. 1 lode. Cut 4x6x8 ft. face. Tunnel 4x5x12 ft.; course of cut and tunnel N. 55° W.  
Value \$150.00
- No. 4 Southeast end of a cut and tunnel bears S. 14° W. 820.0 ft. dist. from Cor. No. 3 Last Chance No. 1 lode; Cut 4x6x8 ft. face; Tunnel 4x5x9 ft. Course of cut and tunnel N. 44° W.  
Value \$150.00
- SHAFFER NO. 3
- No. 1 The discovery of the Shafer No. 3 lode which is on the lode line 225.0 ft. dist from the Southwest end center, a Psilomelane cropping  
No Value
- No. 2 An open cut, the mouth of which bears N. 89° 30' E, 240.0 ft. dist. from Cor. No. 1 Shafer No. 3 lode; 3x14x4 ft. face; course N. 54° 30' E.  
Value \$ 70.00
- No. 3 An open cut, the mouth of which bears E. 270.0 ft. dist. from Cor. No. 1 Shafer No. 3 lode; 4x16x4 ft. face; course N. 54° 30' E.  
Value \$ 80.00
- No. 4 A shaft, the center of which bears N. 8° 15' W. 350.0 ft. dist. from Cor. No. 4 Shafer No. 3 lode; 4x6x4 ft. deep  
Value \$ 50.00
- No. 5 An open cut, the mouth of which bears N. 3° 30' W. 350.0 ft. dist. from Cor. No. 4 Shafer No. 3 lode; 4x12x6 ft. face; course N. 71° W.  
Value \$ 70.00
- No. 6 A tunnel, the mouth of which bears N. 36° 30' E. 230.0 ft. from Cor. No. 4 Shafer No. 3 lode; 5x6x50 ft.; course N. 22° 30' E.  
Value \$300.00
- SHAFFER NO. 2
- No. 1 The discovery shaft of Shafer No. 2 lode, the center of which being the discovery point is on the center line 375.0 ft. from the center of line 1-2; 4x6x8 ft. deep  
Value \$ 50.00
- No. 2 A tunnel, the portal of which bears N. 62° 20' E. 440.0 ft. from Cor. No. 2 Shafer No. 2 lode; 5x6x40 ft.; course S. 80° 30' W.  
Value \$300.00
- No. 3 A cut and tunnel, south end of cut bears N. 28° E. 450.0 ft. from Cor. No. 1 of Shafer No. 2 lode. Cut 4x6x33 ft.; course N. 28° 30' W. to portal of tunnel which is 4x5 ft. in size, extending N. 28° 30' W. 18 ft. to face.  
Value of Cut and Tunnel \$300.00
- No. 4 A shaft, the center of which bears N. 32° E. 530.0 ft. from Cor. No. 1 Shafer No. 2 lode; 4x4x20 ft. deep  
Value \$200.00

- No. 5 A point in an open cut bears N. 44°09' E. 605.0 ft. from Cor. No. 1 Shafer No. 2 lode.  
From this point an open cut 3x3 ft. in size bears N. 10° 20' W. 11.0 ft. to portal of tunnel - point "A"  
From portal of tunnel, point "A", the tunnel 4x4 ft. in size bears N. 10°20'W. 20.0 ft; then N. 51°50'W 25.0 ft; then N. 15° 00' W. 10.0 ft. to point "B"; then N. 28°30' E. 13 ft. to face.  
From point "A", a tunnel 4x4 ft. in size bears N. 76° E. 15 ft. to face; From point "B", a tunnel 4x4 ft. in size bears N. 76° E. 22.0 ft. to face  
Value \$800.00
- No. 6 A shaft, the center of which bears N. 38°22' E. 722.0 ft. from Cor. No. 1 Shafer No. 2 lode, 4x4 ft. by 25 ft. deep  
Value \$250.00
- SHAFER NO. 1
- No. 1 The discovery trench and tunnel of Shafer No. 1, face of tunnel being the discovery point, is on the center line 265.0 ft. from the center of line 4-1; trench 4x7 ft. by 24 ft. long. Tunnel 4x7 ft. by 22.0 ft. long; course of trench and tunnel S. 78° 30' W.  
Value \$370.00
- No. 2 A trench, the east end of which bears S. 34° W. 610.0 ft. from Cor. No. 2 Shafer No. 1 lode, 4x6x20 ft.; course S. 70° 15' W.  
Value \$100.00
- No. 3 A shaft the center of which bears S. 79° E. 390.0 ft. from Cor. No. 1, Shafer No. 1 lode, 4x6x6 ft.  
Value \$ 50.00
- No. 4 A point in an open cut bears N. 44°09' E. 905.0 ft. from Cor. No. 1 Shafer No. 1 lode 3x3x22 ft.; course S. 10° 20' E.  
Value \$150.00
- No. 5 A shaft, the center of which bears S. 39° 40' W. 595.0 ft. from Cor. No. 2 Shafer No. 1, 4x4 ft. by 8 ft. deep  
Value \$ 50.00
- No. 6 A cut, the east end of which bears S. 30° 44' W. 611.0 ft. from Cor. No. 2, Shafer No. 1 lode, 3x4 ft. by 22 ft. long; course S 81° W.  
Value \$ 80.00
- MAGNA NO. 1
- No. 1 The discovery shaft of the Magna No. 1 lode, the center of which being the discovery point is on the center line 300.0 ft. from the center of line 1-2; 4x6 ft. 8 ft. deep  
Value \$ 50.00
- No. 2 The intersection of an open cut and a tunnel bears N. 71°30' E. 280.0 ft. from Cor. No. 1 of the Magna No. 1 lode. From this intersection, the open cut 6x9 ft. in size extends S. 66° 45' E. 20.0 ft. and N. 66° 45' W. 20.0 ft., and the tunnel 4x5 ft. in size bears N. 8°30' W. 65.0 ft.  
Value \$500.00
- No. 3 A shaft, the center of which bears N. 71°30'E. 195.0 ft. from Cor. No. 1 of the Magna No. 1 lode; 6x6 ft. by 6 ft. deep  
Value \$ 60.00
- No. 4 A shaft, the center of which bears N. 79°46' E. 319.0 ft. from Cor. No. 1 Magna No. 1 lode; 5x6 ft. by 9 ft. deep.  
Value \$ 80.00
- No. 5 An open cut, the west end of which bears N. 85° 30' E. 320.0 ft. from Cor. No. 1 Magna No. 1 lode; 4x4 ft. by 20 ft. long; course N. 85° E.  
Value \$100.00

- No. 6 A shaft, the center of which bears S 84° E. 420.0 ft. from Cor. No. 1 Magna No. 1 lode, 4x4 ft. by 12 ft. deep. From bottom of this shaft, a tunnel 4x6 ft. by 10 ft. bears N. 44° E.; a second tunnel 4x6 ft. by 10 ft. bears S. 46° E.  
Value \$350.00
- No. 7 An open cut, the west end of which bears S. 66° 20' E. 500.0 ft. from Cor. No. 1 Magna No. 1 lode 2x5 ft. by 14 ft. long; course S 80° E.  
Value \$ 40.00
- No. 8 An open cut, the west end of which bears S 47° 30' E. 570.0 ft. from Cor. No. 1 Magna No. 1 lode, 5x6 by 58.0 ft. long; course S 79° 30' E. 36.0 ft.; then N 47° 40' E. 22.0 ft.  
Value \$200.00
- No. 9 An open cut, the Southeast end of which bears N. 27°05' E. 140 ft. from Cor. No. 4 Magna No. 1 lode, 5x5 ft. by 12.0 ft. long; course N. 45° W.  
Value \$100.00
- No. 1 The discovery shaft of the Psilomelane No. 2 lode, the center of which being the discovery point is on the center line 380.0 ft. from the center of line 1-2; 4x6 ft. by 8 ft. deep  
Value \$ 75.00
- No. 2 An open cut, the South end of which bears N. 78° W. 117.0 ft. from Cor. No. 3 Psilomelane No. 2 lode, 4x6 ft. by 25.0 ft. long; course N. 20°30' E.  
Value \$150.00
- No. 3 An open cut, the southeast end of which bears S 44°09' W. 135.0 ft. from Cor. No. 4 Psilomelane No. 2 lode, 18x9 ft. by 180.0 ft. long; course N. 45° W.  
Value \$500.00
- No. 4 An open cut, the Southeast end of which bears N. 47° W. 225.0 ft. from Cor. No. 3 Psilomelane lode 6x9 ft. by 20.0 ft. long; course N. 45° W.  
Value \$200.00
- No. 1 The discovery shaft of the Psilomelane No. 1 lode, the center of which being the discovery, is on the center line 25.0 ft. from the center of line 4-1, 4x6 ft. by 8 ft. deep.  
Value \$ 75.00
- No. 2 A shaft, the center of which bears N. 76°20' W. 178.0 ft. from Cor. No. 2 Psilomelane No. 1 lode, 5x12 ft. by 10 ft. deep  
Value \$100.00
- No. 3 A shaft, the center of which bears N. 50° 45' W. 145.0 ft. from Cor. No. 2 Psilomelane No. 1 lode, 4x6 ft. by 20 ft. deep  
Value \$200.00
- No. 4 An open cut, the south end of which bears S. 55°30' W. 187.0 ft. from Cor. No. 2 Psilomelane No. 1 lode, 12x6 ft. by 275.0 ft. long; course N. 20°30' W.  
Value \$500.00
- No. 5 An open cut, the southeast end of which bears N. 42°30' W. 105.0 ft. from Cor. No. 3 Psilomelane No. 1 lode, 12x10 ft. by 110.0 ft. long; course N. 40° W.  
Value \$300.00
- No. 1 The discovery shaft of the Magna No. 2 lode, the center of which being the discovery point is on the center line, 100.0 ft. from the center of line 1-2; 4x6 ft. by 8 ft. deep  
Value \$ 75.00

- No. 2 A trench, the southeast end of which bears N. 64°46' W. 579.0 ft. from Cor. No. 3, Magna No. 2 lode, 3x2 ft. by 17 ft. long; course N. 44° W.  
Value \$25.00
- No. 3 A trench, the west end of which bears N. 65° 19' W. 572.0 ft. from Cor. No. 3 Magna No. 2 lode, 5x2 ft. by 15 ft. long; course N. 61° E.  
Value \$ 40.00
- No. 4 A shaft, the center of which bears N. 65°19' W. 677.0 ft. from Cor. No. 3 Magna No. 2 lode, 5x6 ft. by 3 ft. deep  
Value \$ 10.00
- No. 5 A shaft, the center of which bears N. 69°18' W. 582.0 ft. from Cor. No. 3, Magna No. 2 lode, 4x8 ft. by 3 ft. deep.  
Value \$ 15.00
- No. 6 A trench, the southeast end of which is on the center line 523.0 ft. from the center of line 3-4, 5x4 ft. by 15 ft. long; course N. 24° W.  
Value \$ 50.00
- No. 7 A trench, the east end of which bears N. 18°39' W. 615.0 ft. from Cor. No. 4, Magna No. 2 lode 3x6 ft. by 20.0 ft. long; course N. 88° W.  
Value \$ 50.00
- No. 8 A shaft, the center of which bears N. 28°33' W. 404.0 ft. from Cor. No. 4 Magna No. 2 lode, 4 x 8 ft. by 20.0 ft. deep  
Value \$250.00
- No. 9 A trench, the south end of which bears N. 28° 33' W. 408.0 ft. from Cor. No. 4 Magna No. 2 lode, 3x6 ft. by 25 ft. long; course N. 28° W.  
Value \$ 75.00


## OTHER CORNER DESCRIPTION

The most northerly Cor. Magna No. 3 lode, unsurveyed, claimant herein, is a mound of stones 3 ft. base by 3 ft. high,

## REPORT.

The course and distance from the  $\frac{1}{4}$  sec. cor. Secs. 25 & 30, to the cor. Secs. 19, 24, 25 & 30, Ts. 14 N., Rs. 9 & 10 E., was found to be N. 0°13'46" W. 2647.4 ft. instead of N. 0°11' W. 40.09 chains, as approved.

When the location corner and the exact point for the corner were identical, the location monument was rebuilt alongside.

  
R. L. Merritt,  
Mineral Surveyor, G.L.O.  
Prescott, Arizona

CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States  
Department of the Interior

GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

Phoenix, Arizona

July 20, 1945

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of J. Reed Denison known as the

Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3, Psilomelane No. 1, Psilomelane No. 2, Magna No. 1, Magna No. 2, and Baxter lodes,

situate in Long Valley

Mining District Coconino County Arizona

24 & 25 in T. 14 N., R. 9 E. in Section s 19 & 30 Township No. 14 N., Range No. 10 E., and

designated as Survey No. 4291, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or his grantors,

and that said improvements consist of

7 trenches, 27 cuts, 11 tunnels and

21 shafts, total value \$9340.00

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

E. A. Thompson  
Office Cadastral Engineer.





CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

July 20, 1945

I, Office Cadastral Engineer at Phoenix, Arizona

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

Mining Claim of J. Reed Denison

known as the Last Chance No. 1, Shafer No. 1, Shafer No. 2, Shafer No. 3, Psilomelane No. 1, Psilomelane No. 2, Magna No. 1, Magna No. 2, and Baxter lodes

situate in Long Valley mining district,

Coconino County, Arizona

in Section s 24 & 25 Township No. 14 N., Range No. 9 E.  
19 & 30, Township No. 14 N., Range No. 10 E.

G. & S.R.M.,  
Arizona, designated as Survey No. 4291

executed by R. L. Merritt, Mineral

Surveyor, June 6th to June 21st, 1945, under my instructions dated

April 19th, 1945 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. 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.

E. A. Thompson  
Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
Tucson, Arizona

Tucson, Arizona

July 20, 1945

I, the undersigned, being a duly qualified and authorized

representative of the Department of the Interior, do hereby certify that the

field notes and survey of the above described

mining claim, known as the East Verde No. 1, located in

the Tucson District, Arizona, and the same being

the property of

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being

located in

the Tucson District, Arizona, and the same being