

MINERAL SURVEY No. 3936.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

James E. Barney

KNOWN AS THE

JENNIE C. lode

Oro Blanco Mining District,

Santa Cruz County, Arizona.

Section 20., Township 23 S., Range 11 E. (Unsvd) G. & S.R.B. & M.

Surveyed under instructions dated March 12th., 19 24.

by Paul E. Fernald U. S. Mineral Surveyor.

Claim located January 2nd., 19 03.

Survey commenced March 24th., 19 24

Survey completed March 26th., 19 24.

Address of claimant's, Box 969, El Paso, Texas, (Attorney:- Tucson, Arizona. Wm. G. Power Box 1584.

DATES OF AMENDED LOCATIONS.

U.S. MINERAL SURVEY NO. 3936.

Feet.	<u>JENNIE C. Lode.</u>
	Beginning at Cor. No. 1, A 1" iron pipe $4\frac{1}{2}$ feet long with claw base, set 18" in ground and surrounded by monument of stones. Brass cap on pipe stamped "U.S. Mineral Survey No. 3936, 1 - Jennie C." Whence:- U.S. Mineral Monument No. 5, Oro Blanco Mining District, bears S $80^{\circ} 7' E$, 1554.30 feet. Cor. No. 2, Paralel Lode, Survey No. 3042, bears S $34^{\circ} 58' E$, 407.72 feet. Thence N $79^{\circ} 29\frac{1}{2}' W$
300.00	North End Center - 4" Oak Post in monument of stones.
401.00	Crosses center Tres Amigos road, running southeasterly.
600.00	Cor. No. 2. A 1" iron pipe $4\frac{1}{2}$ feet long with claw base, set 18" in the ground and surrounded by monument of stones. Brass cap on pipe stamped "U.S. Mineral Survey No. 3936, 2 - Jennie C." Whence:- Bearing Rock - west face of Granite Ledge marked "B.R. X 2-3936", bears N $64^{\circ} 33' E$, 9.84 feet. Cor. No. 1, Monster Lode, Survey No. 3042, bears N $12^{\circ} 7\frac{1}{2}' E$, 276.02 feet. Cor. No. 3, Paralel Lode, Survey No. 3042, bears N $69^{\circ} 59' W$, 568.02 feet. Thence S $10^{\circ} 30\frac{1}{2}' W$.
52.79	Intersect line 2-3, Paralel Lode, Survey No. 3042, at point S $64^{\circ} 49\frac{1}{2}' E$, 579.08 feet from Cor. No. 3. & N. $64^{\circ} 49\frac{1}{2}' W$. <i>920.68 ft from Cor. No. 2.</i>
785.00	Crosses center Tres Amigos road running W.- N.W.
1402.00	Crosses center Warsaw Gulch, 10 feet wide, running E.
1500.00	Cor. No. 3. A 1" iron pipe $4\frac{1}{2}$ feet long with claw base, set 18" in ground and surrounded by monument of stones. Brass cap on pipe stamped "U.S. Mineral Survey No. 3936, 3 - Jennie C." Whence:- Bearing Tree, 30" Oak, scribed B.T. X 3-3936, bears N $72^{\circ} 51' W$, 21.23 feet. Cor. No. 4 Monster Lode, Survey No. 3042, identical with Cor. No. 1, Monarch Lode, Survey No. 3053, bears N $7^{\circ} 43' W$,

404.48 feet.

Thence S $79^{\circ}29\frac{1}{2}'$ E

227.00 Warsaw Gulch at bend from S.E. to N.E.

300.00 South End Center - 4" Oak Post in monument of stones.

461.00 Warsaw Gulch at bend from E.- S.E. to E.- N.E.

600.00 Cor.No.4.

A 1" iron pipe $4\frac{1}{2}$ feet long with claw base, set 18" in ground and surrounded by monument of stones. Brass cap on pipe stamped "U.S.Mineral Survey No. 3936, 4-Jennie C"

Thence N $10^{\circ}30\frac{1}{2}'$ E.

223.00 Cross center Warsaw Gulch 20 feet wide running E.- S.E.

1290.18 Intersects line 2-3 Paralel Lode, Survey No. 3042, at point N $64^{\circ}49\frac{1}{2}'$ W, 300.47 feet from Cor. No.2.

1500.00 Cor.No.1, the point of beginning.

Magnetic Variation at all corners this survey 14° E.

No suitable natural bearing objects available from corners of this survey except where noted herein.

The survey of this location is identical with same as staked upon the ground, and all survey corners are identical in position with the respective monuments of location.

LODE LINE:- As near as can be determined from the present state of developement, the vein of this location extends N $10^{\circ}30\frac{1}{2}'$ E - 750. feet and S $10^{\circ}30\frac{1}{2}'$ W - 750. feet, from the Discovery Point.

LOCATION:- This survey is located aproximately in the ~~N.W.4~~ of Section 20, T 23 S, R 11 E, G. & S.R.B. & M. Unsurveyed, in the Oro Blanco Mining District, Santa Cruz County, Arizona, and within the Coronado National Forest.

ADJOINING AND CONFLICTING CLAIMS:°

This survey conflicts with Paralel Lode, Survey No. 3042, on the north.

(the area in conflict being as follows: Beginning at

Cor.No.1, this survey; thence N $79^{\circ}29\frac{1}{2}'$ W, 600.00 feet to

Cor.No.2, this survey; thence S $10^{\circ}30\frac{1}{2}'$ W, 52.79 feet to

intersection with line 2-3 Paralel Lode; thence S $64^{\circ}49\frac{1}{2}'$ E

U.S. MINERAL SURVEY NO. 3936.

~~620.21 feet along line 2-3 Paralel Lode to intersection with 4-1 line, this survey; thence N 10°30' E, 209.82 feet to point of beginning.~~)

AREA:- Total Area this survey 20.661 acres
Area in conflict with Paralel Lode,
Survey No. 3042 1.809 "

EXPENDITURE OF FIVE HUNDRED DOLLARS:-

I certify that the value of labor and improvements made upon this claim by the claimant or ^{his} grantors is not less than Five Hundred Dollars, and that said improvements consist of:-

No. 1. Discovery Shaft, 5x6 - 10 feet deep, center being on center line 750. feet from end centers.

Value \$ 62.50

No. 2. Trench, center of which is on center line 214 feet from north end center. Line of trench N 70°W, average depth 20 feet, width 4 feet, length 40 feet.

Value \$ 1325.00

No. 3. Shaft 4x5-8 feet deep, center of which bears S 27°59'W 376 feet from Cor. No.1.

Value \$ 35.00

No. 4. Cut in westerly 4½x12 to 8 foot face, center of mouth bears N 9°59'W - 681 feet from Cor. No.4.

Value \$ 40.00

No. 5. Cut and tunnel, center mouth of cut bearing N 18°51'W - 549. feet from Cor. No.4. Cut in northerly 4x20 to 11 foot face, thence tunnel N 6°E 4x6½-29 feet, thence N 37½°E 4x6½-79 feet to face.

Value \$ 1200.00

OTHER IMPROVEMENTS:-

None.

INSTRUMENT:-

This survey was made with Deitzgen Transit No.

7256. Courses were deflected from the true meridian as determined by direct solar observation. Distances measured with 50 and 350 foot Chicago steel tapes.

REPORT:- The lines of this survey were run direct upon the ground.
U.S. Mineral Monument No.5, Oro Blanco Mining District

is located on top of a prominent hill between Oro Blanco and California Gulches. Monument is a galvanized iron pipe, 2½" outside diameter, stamped "U.S.M.M.No.5, O.B.D." extending 7 feet above top of rock monument 4 feet high and 4 feet diameter at top.

Corners of Monster and Parallel Lodes, Survey No. 3042, herein noted, are of 1" iron pipe, surrounded by stone monuments, with brass cap on pipe stamped with Survey number, claim name and corner number.

ERROR REPORT:- I herewith report line 4 - 1, Monster Lode, Survey No. 3042, to be in error beyond the allowable limit, same being N 16° 1'E - 1398.18 feet, instead of N 16° 0'E - 1400.00 feet as reported in returns of Survey No. 3042.

Paul E. Fernald U.S. Mineral Surveyor.
~~Tucson, Arizona. June 14th. 1924.~~

U.S. MINERAL SURVEY NO. 3936.

Direct Solar Observation. March 26th. 1924.

Base:- Center line to south. Latitude:- N 31°25'33"

Direct. (U.L.) L 62°59' A 48°5'15" (-52") 10.18 A.M.

Reverse. (L.R.) L 61°48½' A 48°43' (-51"). 10.25 A.M.

Declination (U.S. Nautical Almanac) N 2°17'50". ✓

Solution by Logarithms.

Direct:-	Cos Q.	Sin. 2°17'50"	8.602963 ✓	
		Cos. 31°25'33"	9.931110 ✓	
			8.671853 ✓	
		Cos. 48°44'23"	9.824895 ✓	
			8.846958 ✓	.07030 ✓
		Tan. 31°25'33"	9.786056 ✓	
		Tan. 48° 4'23"	0.046676 ✓	
			9.832732 ✓	.68035 ✓
				.61005 ✓

$$\begin{array}{r} 62^{\circ}59' \\ 52^{\circ}24'25'' \\ \hline S 10^{\circ}34'35''W. \end{array}$$

Cos. 52°24'25" ✓

Reverse:-			8.671853 ✓	
		Cos. 48°42' 9"	9.819523 ✓	
			8.852330 ✓	.07118
			9.786056 ✓	
		Tan. 48°42' 9"	0.056286 ✓	
			9.842342 ✓	.69557
				.62439 ✓

$$\begin{array}{r} 61^{\circ}48'30'' \\ 51^{\circ}21'42'' \\ \hline S 10^{\circ}26'48''W. \end{array}$$

Cos. 51°21'42" ✓

Average S 10°30'41"W. ✓

Use S 10°30½'W.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Paul E. Fernald
 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 _____
 _____ James E. Barney _____
 known as the _____ JENNIE C. lode _____
 and showing the respective capacities in which they acted.

_____ Albert Rowden _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, I, _____ Albert Rowden _____
 and _____, do solemnly swear that ^Iwe assisted Paul E. _____
Fernald _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of James E. Barney _____

 known as the _____ JENNIE C. 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 ^{my}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. _____

_____ Albert Rowden _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 12th
 day of June, 1927

*My Commission expires
November 30th 1927*

[Handwritten signature]

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Paul E. Fernald, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 12th, 1924, 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 James E. Barney, known as the Jennie C. lode, situate in Oro Blanco Mining District, Santa Cruz County, Arizona, in Section 20, Township No. 23 S., Range No. 11 E. G. & S. R. B. & M. (Unsyd) and designated as Survey No. 3936, 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.

Paul E. Fernald
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Paul E. Fernald
U. S. Mineral Surveyor, before me St. Riechy a
this 12th
day of June, 1924

Notary Public
[Signature]

My commission expires
November 30th 1927

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

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

July 25, 1924.

I, U. S. Surveyor General for District for Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of

James E. Barney

, known as the JENNIE C. lode

, situate in Oro Blanco

Mining District, Santa Cruz County,

Arizona, in Section 20, Township No. 23 S.

Range No. 11 E., Unsur., and designated as Survey
No. 3936, 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 his grantors, and
that said improvements consist of 2 shafts, 2 cuts, 1 tunnel and 1
trench, total value \$2662.50

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.

Charles M. Donohoe

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 25, 1924

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

James E. Barney

, known as the

JENNIE C. lode

situate in Oro Blanco mining district,

Santa Cruz County, Arizona

in Section 20, Township No. 23 S., Range No. 11 E., Unsur.

, designated as Survey No. 3936

executed by Paul E. Fernald, U. S. Mineral

Surveyor, March 24 - 26, 1924, under my instructions dated

March 12, 1924, 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.

Charles M. Dowd

U. S. Surveyor General for Arizona.