

MINERAL SURVEY No. 4014

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MIAMI EXTENSION MINING CO.

KNOWN AS THE

CRACKER JIM, FOREMAN and WINONA Lodes.

Globe

Mining District,

Gila

County, Arizona

Section s 7 and 8, Township 1 S., Range 14 E.

Surveyed under instructions dated May 24, 1926.

by Edwin M. Stewart

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced May 25, 1926.

Survey completed May 31, 1926.

Address of claimant's Attorney, F.A. Shaffer, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

Cracker Jim, May 13, 1926.

Foreman, May 13, 1926.

Winona, May 13, 1926.

Feet

MINERAL SURVEY NO. 4014.

CRACKER JIM Lode.

Beginning at Cor. No. 1 identical with S.W. Cor. of the location.

A cross and 1-C.J.-4014, chiseled on granite in place, with mound of stone alongside, whence

The corner common to sections 7, 8, 17 and 18, T. 1 S., R. 14 E., bears S.07°-29'-10"E. 1584.0 ft.

No other bearings available.

Thence N.36°-20'W.

298.50 To S.W.E.C. monument of the location, from which the discovery shaft bears N.49°-54'-30"E. 56.1 ft.

A monument of stone, 3.5 ft. base, 4 ft. high.

597.00 To Cor. No. 2, identical with N.W. Cor. of the location.

A granite boulder showing 3 x 3.5 x 4 ft. out of the ground, chiseled cross and 2-C.J.-4014 on top, with mound of stone alongside.

No bearings available.

Thence N.49°-54'-30"E.

67.00 State highway, course northwesterly and southeasterly.

1499.10 To Cor. No. 3, identical with N.E. Cor. of the location.

A granite stone, 6 x 11 x 25 ins., chiseled cross and 3-C.J.-4014, set 12 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence S.36°-20'E.

298.50 To N.E.E.C. monument of the location.

A monument of stone, 3 ft. base, 3 ft. high.

597.00 To Cor. No. 4, identical with S.E. Cor. of the location.

On line 2-3, Foreman lode, this survey.

A granite stone, 6 x 11 x 25 ins., chiseled cross and 4-C.J.-4014, set 12 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence S.49°-54'-30"W.

Along line 3-2 of said Foreman lode.

- 917.10 To Cor. No. 2 of said Foreman lode.
 1312.00 State highway, course northwesterly and southeasterly.
 1499.10 To Cor. No.1, the place of beginning.

FOREMAN Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location.

A cross and 1-F-4014 chiseled on granite in place, with mound of stone alongside, whence

The corner common to sections 7, 8, 17 and 18, T. 1 S., R. 14 E., bears S.23°-28'-10"W. 1653.10 ft.

No other bearings available.

Thence N.44°-21'-30"W.

- 121.70 Intersect line 1-2, Winona lode, this survey, S.29°-29'W.
 737.50 ft. from Cor. No. 2.

- 300.00 To S.W.E.C. monument of the location, from which the discovery shaft bears N.49°-54'-30"E. 9.0 ft.

A monument of stone, 4 ft. base, 4 ft. high.

- 600.00 To Cor. No. 2, identical with N.W. Cor. of the location.

On line 4-1, Cracker Jim lode, this survey.

A granite boulder showing 2 x 4 x 4 ft. out of the ground, chiseled cross and 2-F.-4014 on the northwest end, with mound of stone alongside.

No bearings available.

Thence N.49°-54'-30"E.

Along line 1-4 of said Cracker Jim lode.

- 917.10 To Cor. No. 4 of said Cracker Jim lode.
 1499.50 To Cor. No. 3, identical with N.E. Cor. of the location.

A granite stone, 5 x 7 x 26 ins., chiseled cross and 3-F.-4014, set 13 ins. in the ground, with mound of stone alongside, whence

A juniper tree, 12 ins. in diameter, blazed and scribed cross B.T.4014, bears S.76°-15'W. 43.82 ft.

No other bearings available.

Thence S.44°-21'-30"E.

- 300.00 To N.E.E.C. monument of the location.

Feet

- A monument of stone, 3 ft. base, 4 ft. high.
- 558.13 Intersect line 4-1, Pinto lode, Sur. 2337, S.30°-14'W.
400.60 ft. from Cor. No. 4.
- 600.00 To Cor. No. 4, identical with S.E. Cor. of the location.
A cross and 4-F.-4014 chiseled on north face of granite bluff, with mound of stone alongside, whence
Cor. No. 4, Pinto lode, Sur. 2337, bears N.24°-38'E.
413.70 ft.
No other bearings available.
Thence S.49°-54'-30"W.
- 119.90 To Cor. No. 3, Winona lode, this survey, from which Cor. No. 2 of said Winona lode bears S.78°-24'-30"W. 793.7 ft., and intersect line 4-1, Pinto lode, Sur. 2337, S.30°-14'W.
524.63 ft. from Cor. No. 4.
- 1499.50 To Cor. No. 1, the place of beginning.
- WINONA Lode.
- Beginning at Cor. No. 1, identical with S.W. Cor. of the location.
A schist stone, 4 x 6 x 24 ins., chiseled cross and 1-W.-4014, set 12 ins. in the ground, with mound of stone alongside, whence
The corner common to sections 7, 8, 17 and 18, T. 1 S., R. 14 E., bears S.11°-56'-40"W. 962.65 ft.
No other bearings available.
Thence N.29°-29'E.
- 555.00 State highway, course northwesterly and southeasterly.
- 760.00 Intersect line 1-2, Foreman lode, this survey, N.44°-21'-30"W. 121.70 ft. from Cor. No. 1.
- 1497.50 To Cor. No. 2, identical with N.W. Cor. of the location.
A cross and 2-W.-4014 chiseled on west face of granite outcrop, with mound of stone alongside.
No bearings available.
Thence N.78°-24'-30"E.
- 396.80 To N.E.E.C. monument of the location, from which the discovery cut bears S.29°-29'W. 1478.5 ft.

Feet

- A monument of stone, 4 ft. base, 3.5 ft. high.
- 793.70 To Cor. No. 3, identical with N.E. Cor. of the location.
At the intersection of line 4-1, Pinto lode, Sur. 2337,
with line 4-1, Foreman lode, this survey, N.30°-14'E.
978.6 ft. from Cor. No. 1 of said Pinto lode.
- A granite stone, 5 x 6 x 26 ins., chiseled cross and
3-W.-4014, set 13 ins. in the ground, with mound of
stone alongside.
- No bearings available.
- Thence S.29°-29'W.
- 884.00 State highway, course northeasterly and southwesterly.
- 974.08 Intersect line 1-2, Pinto lode and line 3-4, Arizona
lode, both of Sur. 2337, S.79°-37'E. 13.57 ft. from Cors.
1 and 4, respectively, of said Pinto and Arizona lodes.
- 1497.50 To Cor. No. 4, identical with S.E. Cor. of the location.
On line 4-1, Arizona lode, Sur. 2337, S.28°-04'W. 519.13
ft. from Cor. No. 4.
- A granite boulder, 2 x 2 x 3 ft. out of the ground,
chiseled cross and 4-W.-4014 on top, with mound of stone
alongside.
- No bearings available.
- Thence S.78°-24'-30"W.
- 396.90 To S.W.E.C. monument of the location.
A monument of stone, 4 ft. base, 3.5 ft. high.
- 793.70 To Cor. No. 1, the place of beginning.
- Mean magnetic variation at all corners, 14°-05'E.

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LODE LINES.

As near as can be determined from present developments,
the veins of the three locations embraced in this survey
extend as follows from their respective discovery points:

Cracker Jim, N.49°-54'-30"E. 1443.0 ft. and S.49°-54'-
30"W. 56.1 ft.

Foreman, N.49°-54'-30"E. 1490.5 ft. and S.49°-54'-30"W.
9.0 ft.

Winona, N.29°-29'E. 1478.5 ft. and S.29°-29'W. 19.0 ft.

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AREAS.

	Acres.	Acres.
Total area Cracker Jim lode,		20.501
Total area Foreman lode,		20.597
Area in conflict with:		
Pinto lode, Sur. 2337,	0.057	
Winona lode, this survey,	6.987	
Total Area Winona lode,		20.569
Area in conflict with:		
Pinto lode, Sur. 2337,	0.143	
Arizona lode, Sur. 2337,	0.077	

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LOCATION.

This survey is located in sections 7 and 8, T. 1 S., R.14 E., G. & S.R.M., Globe Mining District, Gila County, Arizona, in the Crook National Forest.

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ADJOINING AND CONFLICTING CLAIMS.

The Golden Wonder, Golden Wonder No. 2 and Excelsior lodes, unsurveyed, owned by the claimant, adjoin on the northwest. The Inspiration and Miami lodes, unsurveyed, owned by the claimant, adjoin on the northeast. The Pinto and Arizona lodes, Sur.2337, owned by the Virginia Arizona Copper Co., adjoin on the southeast. And, an unknown claim, unsurveyed, owner unknown; and the Britt, Maverick and Leviathan lodes, unsurveyed, owned by the claimant, adjoin on the southwest.

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DISCOVERY AND IMPROVEMENTS.

I certify that the value of the labor and improvements, made upon, or for the benefit of, the claims in this survey, by the claimant, or its grantors, is not less than five hundred dollars, and that said improvements consist of:

Cracker Jim.

No. 1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 56.1 ft. from the S.W.E.C. Value, \$45.00.

No. 2, a caved shaft, and drifting therefrom which it is impossible to enter and measure, of the approximate size and extent stated in the affidavit submitted herewith. The shaft is vertical and the N.E. Cor. thereof bears S.10°-50'W. 175.4 ft. from a point on line 2-3,

441.0 ft. from Cor. No. 2. Value, \$20,000.00.

This shaft was sunk by the predecessors in interest of the claimant as a common improvement for the benefit of the three claims of the survey and the eight unsurveyed ^{named} claims of the claimant shown on the plat of the survey as adjoining claims. The shaft is so located that it is now well below the surface of all of the claims making possible their mining and development from it. I have made a close examination of the dump about the collar of the shaft and from the extent thereof, it is my opinion that there has been at least as much mining work done in and from the shaft as stated in the affidavit accompanying these notes, and that the value thereof is at least \$20,000.00, which I have distributed to the ^{said} all claims, \$1818.18 being credited to each.

No. 3, shaft, 7 x 10 x 22 ft. (caved) the S.E. Cor. of which bears S.08°W. 83.0 ft. from a point on line 2-3, 590.2 ft. from Cor. No. 2. Value, \$350.00.

Foreman.

No. 1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 9.0 ft. from the S.W.E.C. Value, \$40.00.

No. 2, 134.0 ft. of cut and tunnel, 3.5 x 6 ft., and shaft 5 x 8 x 29 ft., The center of the toe of the cut bears N.66°-40'E. 191.0 ft. from Cor. No. 2 and extends thence N.50°E. 134.0 ft. to face of tunnel. The shaft connects with the tunnel at a point 103.0 ft. from the toe of the cut and extends vertically to the surface. Value of cut, tunnel and shaft, \$2000.00.

No. 3, shaft, partially timbered, 3.5 x 4.5 ft. in the clear, 36 ft. deep, the N.W. Cor. of which bears N.67°-15'E. 170.0 ft. from Cor. No. 2. Value, \$500.00.

No. 4, shaft, 3.5 x 4 x 10 ft., the N.E. Cor. of which bears S.60°-00'W. 928.0 ft. from the N.E.E.C. Value, \$50.00.

No. 5, shaft, 3 x 4.5 x 7 ft., the N.E.Cor. of which bears S.60°-45'W. 857.0 ft. from the N.E.E.C. Value, \$35.00.

No. 6, shaft, 4 x 6 x 8 ft., the N.E.Cor. of which bears S.60°-35'W. 887.0 ft. from the N.E.E.C. Value, \$45.00.

1/11th of improvement No. 2 on the Cracker Jim lode which is credited to this claim; value, \$1818.18.

WINONA.

No. 1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 19.0 ft. from the S.W.E.C. Value, \$45.00.

No. 2, shaft, 5 x 7 x 40 ft., the N.E.Cor. of which bears S.69°-30'W. 403.0 ft. from the N.E.E.C. Value, \$500.00.

No. 3, shaft, 5 x 7 x 10 ft., the N.E.Cor. of which bears S.69°-55'E. 366.0 ft. from the N.E.E.C. Value, \$100.00.

1/11th of improvement No. 2 on the Cracker Jim lode which is credited to this claim; value, \$1818.18.

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OTHER IMPROVEMENTS.

A corrugated iron hoist house, 14 x 28 ft., course of long sides S.40°E., the N.W.Cor. of which bears S.04°-54'W. 207.9 ft. from a point on line 2-3 of the Cracker Jim lode 441.0 ft. from Cor. No. 2.

A frame house, 12 x 22 ft., course of long sides S.40°-00'E., the N.W.Cor. of which bears S.00°-30'E. 187.2 ft. from the above described point.

A corrugated iron house, 12 x 17 ft., course of long sides S.10°E., the N.W.Cor. of which bears S.09°-05'W. 225.6 ft. from the above described point.

A corrugated iron garage, 24 x 30 ft., course of long sides N.68°E., the N.W.Cor. of which bears N.70°-30'E. 67.9 ft. from a point on the lode line of the Winona

lode 670.0 ft. from the S.W.E.C.

A frame house, 24 x 33 ft., course of long sides S.24°E., the N.W.Cor. of which bears N.68°-53'E. 151.0 ft. from the above described point.

A tent house, 10 x 16 ft., course of long sides, N. 65°E., the S.W.Cor. of which bears N.59°-56'E. 241.5 ft. from the above described point.

A tent house, 10 x 14 ft., course of long sides, N.60°E., the S.W.Cor. of which bears N.40°39'E. 255.1 ft. from the above described point.

A tent house, 10 x 15 ft., course of long sides N.22°W. the S.E.Cor. of which bears N.35-27'E. 68.4 ft. from the above described point.

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INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with a 6 $\frac{1}{2}$ inch Berger transit. The distances were measured with a 660 ft. and a 60 ft. steel tapes. The courses were deflected from the true meridian as determined by a series of Solar observations, made in the forenoon and afternoon.

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REPORT.

The quarter corner between sections 7 and 8, which should have been tied to, could not be found or its position established. The house which this corner was tied to has been torn down and I am unable to find any evidence of the oak tree reported as a bearing tree for the corner.

The corner of sections 7, 8, 17 and 18 is a granite boulder in place, showing 20 x 24 x 36 ins. out of the ground, with cross on top, to the south of which are four grooves and to the east of which are five grooves, with mound of stone alongside. Ties to this corner were computed from a traverse run from Cor. No. 1 of the

Winona lode S.07°-04'W. 562.2 ft.; thence S.18°-43'W. 405.3 ft.

Mineral Survey No. 2337, Pinto and Arizona lodes:

Cor. No. 1 of the Pinto lode, identical with Cor. No. 4 of the Arizona lode is not in, nor was I able to find Cor. No. 2 of the Pinto lode which is identical with Cor. No. 3 of the Arizona lode. I found the end center monument on the common end line between these two claims in and properly marked, so set the transit on this post and with a back sight on the S.E.E.C. of said Arizona lode, which I found and identified, I turned an angle of 72°-14' ^{according to the record in Sur. 2337} to the right and run 300 ft. and set a point which I used as Cor. No. 1 of said Pinto lode and Cor. No. 4 of said Arizona lode. Cor. No. 1 of the Arizona lode is a 4 x 4 post, set in monument of stone and properly marked. Cor. No. 4 of the Pinto lode I find very much out of its theoretical position, but it is a well set post, properly marked as described in the approved notes of Sur. 2337. I am unable to find the bearing tree presumed to have been marked for this corner. Diligent search was made over a large area in the vicinity of this corner for evidence of any other corner that might have been set nearer to the theoretical position of the corner and for the bearing tree, but no evidence of the tree or corner was found, so accepted the post found as the corner. Search was made for the N.E.E.C. and Cor. No. 3 of the Pinto lode but neither was found. It is likely that both have been destroyed by road construction as the theoretical position of each is close to roads that have been constructed since the execution of Sur. 2337.

The disagreement between these notes and lines 1-2 and 4-1 of said Pinto lode and lines 3-4 and 4-1 of said Arizona lode as approved is due to errors in Sur. 2337.

The disagreement between these notes and the location

notices is due to errors in the notices.

Edwin P. Stewart
United States Mineral Surveyor.

Globe, Arizona,
~~June 26, 1926.~~



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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 _____

Miami Extension Mining Co.

known as the Cracker Jim, Foreman and Winona lodes

and showing the respective capacities in which they acted.

Rudolph Wolf, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, _____

~~and~~ I, Rudolph Wolf, do solemnly swear that ~~we~~ ^I assisted _____

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Miami Extension Mining Co.

known as the Cracker Jim, Foreman and Winona 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 instruc-

tions furnished by the ~~United States Surveyor-General~~ ^{Office Cadastral Engineer, at} Phoenix, Arizona.

Rudolph Wolf, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 25th

day of June, 19 26.

M. L. Harrison

My commission expires
November 11, 1928.

Notary Public, Gila
County, Arizona.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated May 24, 1926, 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 the Miami Extension Mining Co., known as the Cracker Jim, Moreman and Winona lodes, situate in Globe Mining District, Gila County, Arizona, in Section 8 7 and 8, Township No. 1 S., Range No. 14 E., G. & S.P.M., and designated as Survey No. 4014, 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 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me M. L. Harrison, a notary public,
this 25th
day of June, 1926.

My commission expires
Nov. 11, 1928.

M. L. Harrison
Notary Public, Gila
County, Arizona.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,
PUBLIC SURVEY OFFICE,

Phoenix, Arizona,

July 29, 1926.

I, ~~U. S. Surveyor-General for~~ Office Cadastral Engineer, Phoenix, Arizona,

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

Miami Extension Mining Co.

known as the CRACKER JIM, FOREMAN, and WINONA lodes

situate in Globe

Mining District, Gila County, Arizona

in Sections 7 & 8, Township No. 1 S., Range No. 14 E., and

designated as Survey No. 4014, 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 improved for each of
ments made upon said mining claim by claimant or its grantors, and that said improvements consist of 12 shafts, 1 cut and 1 tunnel, and drifting, total value \$24,710, \$14,545.44 of which, or 8-11ths of the value of improvement No. 2 on the Cracker Jim lode is reserved for the Britt, Maverick, Leviathan, Golden Wonder, Golden Wonder No. 2, Excelsior, Inspiration, and Miami lodes, unsurveyed.

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.

John D. Adams

Office Cadastral Engineer.

~~United States Surveyor-General for~~

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

July 29, 1926

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 _____

Miami Extension Mining Co.

_____, known as the

CRACKER NIM, FOREMAN, and WINONA lodes

situate in _____ Globe _____ mining district,

Gila _____ County, _____ Arizona

in Section s 7 & 8 _____, Township No. _____ 1 S. _____, Range No. 14 E.

_____, designated as Survey No. _____ 4014

executed by _____ Edwin T. Stewart _____, U. S. Mineral

Surveyor, _____ May 25 - 31 _____, 192 6, under my instructions dated

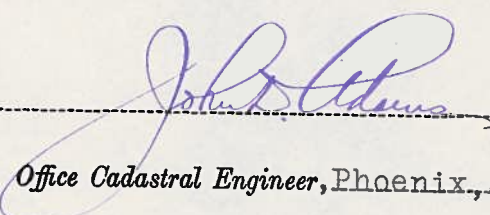
May 24 _____, 192 6, have been critically examined and the necessary

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.



Office Cadastral Engineer, Phoenix, Arizona.