

MINERAL SURVEY No. 4088

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Elizabeth L. Wood

KNOWN AS THE

MISCHIEF Lode.

Old Hat Mining District,

Pinal County, Arizona.

Section 19 and 20, UNS, Township 10 S., Range 16 E.

Surveyed under instructions dated December 26, 1928

by [Signature] U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced January 11, 19 29

Survey completed January 12, 19 29

Address of claimant E.T. Cusick, Tucson, Arizona. attorney for claimant.

DATES OF AMENDED LOCATIONS.

See location notice.

Feet

MINERAL SURVEY NO. 4088

MISCHIEF Lode.

Beginning at Cor. No.1, identical with Loc. Mon.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 1 M - 4088, with md of stone alongside, whence the Cor. to Secs. 17,18,19, 20, T. 10 S., R. 16 E. brs. N. 3°34'30" W., 893.98 ft.

Cor. No.2 Happy That lode, identical with Cor. No. 1 Gen. Hancock lode, both Sur. No. 1836, claimant herein, brs. N° 6° 56'W., 111.7 ft.

A juniper tree 18 ins. diam. brs. N. 5°28' W., 70 ft., blazed and scribed, 1-4088 B.T.

No other bearings are available.

Thence S. 29°58' E.

Va. 13°45'E.

300.0 To E. end center, identical with Loc. Mon.

An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed E. Cr. M.

556.49 Intersect line 2-6 , Sur. No.687 Southern Belle lode, claimant herein , at S. 39°54'W., 359.96 ft. from Cor. No.2, and N.39°54'E., 230.31 ft. from Cor. No.6.

600.0 To Cor. No.2, identical with Loc. Mon. and Cor. No.1, Sur. No.2155A Cross Town lode, claimant herein.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2 M- 4088, 1 C T - 2155A, with md of stone alongside, whence U.S. M. M. No.4 brs. N.82°54'E., 476.29 ft.

Cor. No.6 Sur. No.687 Southern Belle lode brs S. 50°38'30"W., 219.17 ft.

An oak tree 10 ins. diam. brs. S.31°43'E., 30.26 ft. Blazed and scribed 2 -4088, 1-2155A. BT.

No other bearings are available.

Thence S.75°21'50" W.,

Va. 13 45' E.

157.99  
70.41 Intersect line 2-6, Sur. No.687, Southern Belle lode at S.39°54'W., 432.28 ft. from Cor. No.2 and N.39°54'E., 157.99 ft. from Cor. No.6 .

1262.5 To Cor. No.3, identical with Cor. No.4, Sur. No.2155A. Cross Town lode and Cor. No.1 Sur. No.1837, Apache Girl lode, Claimant herein.

lode. A redwood post 4 ins. sq, showing 2 ft. above ground, and surrounded with md of stone, scribed 3 M - 4088, 4 C T -2155A.

1 A.G.- 1837.

MINERAL SURVEY NO. 4088  
MISCHIEF Lode- Cont'd.

- An oak tree 24 ins. diam. brs. N. 50°W., 15 ft. Blazed and scribed  
3- 4088, 4-2155 A. B 1837 B T.  
Cor.No.2, Sur.No.1857, Apache Girl lode, brs. S. 29° 58' E. 303.64 ft.  
No other bearings are available.
- Thence S. 74°37'W.,  
Va. 13°45'E.
- 237.5 To Cor. No.4, identical with Loc. Mon.  
An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground,  
set 18 ins. in the ground, stamped 4 M - 4088 with md of stone alongside  
An oak tree 14 ins. diam. brs. N. 50° W., 11.0 ft. Blazed and  
scribed 4-4088 B T.  
No other bearings are available.  
Thence N. 29°58'W.  
Va. 13°45'E.
- 51.89 Intersect line 5-1, Sur. No.1837 Apache Girl lode at S° 85°57'W.,  
255.55 ft. from Cor. No.1 and N. 85°57'E., 1118.95 ft. from Cor. No.5
- 300.0 To W. end center, identical with Loc. Mon.  
An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground  
and surrounded with md of stone 3 1/2 ft. base by 3 ft. high,  
scribed W. Cr. M.
- 600.0 To Cor. No.5, identical with Loc. Mon.  
An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground  
set 18 ins. in the ground, stamped 5 M.-4088. with md of stone  
alongside.  
No bearings are available.  
Thence N. 75°15'E.  
Va. 13°45'E.
- 1500.0 To Cor. No.1, the place of beginning.

LODE LINE.

As near as can be determined from the present developments, the vein  
of ~~the location embraced in~~ this claim, extend as follows from its  
discovery.

MISCHIEF Lode.

150.0 ft. N.75°15'E., and 1350.0 ft. S. 75°15'W.;

AREA.

	Acres.
Total area, Mischief lode -----	19.892
Area in conflict with -	
Sur. No.687, Southern Belle lode - -----	0.034
Sur. No.1837, Apache Girl lode -----	0.137

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MINERAL SURVEY NO. 4088  
MISCHIEF Lode.

LOCATION.

This survey is located in the N.E. 1/4 Sec. 19 and the N.W. 1/4 sec. 20, <sup>unsurveyed,</sup> T. 10 S. R. 16 E. ~~unsurveyed~~, in the Coronado National Forest. Old Hat Mining District, Pinal County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim, by the claimant or her grantors, is not less than Five Hundred Dollars and that said improvements consist of:

No.1 , The discovery cut, the face of which being the discovery point on the center line , 150 ft. from the center of line 1-2, 4 1/2 ft. wide 8 ft. face, running S. 75°15'W., 22 ft. to face.

Value \$100.

No.2 A cut, the mouth of which brs. from Cor. No.1, S. 6°W., 430.0 ft. 4 1/2 ft. wide, 8 ft. face, running south 20 ft. to face.

Value \$100.0

No.3 A cut, the mouth of which brs. from Cor. No.1 S. 1°30'E., 415.0 ft. 4 1/2 ft. wide, 8 ft. face, running south 20 ft. to face.

Value \$100.0

No.4 A cut, the mouth of which brs. from Cor. No.1, S. 4°E., 410.0 ft., 4 1/2 ft. wide, 8 ft. face, running south 20 ft. to face.

Value \$100.0

No.5 A cut, the mouth of which brs. from Cor. No.1, S. 6°45'E., 412.0 ft., 4 1/2 ft. wide, 8 ft. face, running south 20 ft. to face.

Value \$100.0

No.6 A tunnel, the mouth of which brs. from Cor. No.1, S. 10°30'E., 410.0 ft. 4x6 ft. running S. 25°E., 75.0 ft. to face.

Value \$750.0

No.7 A cut, the mouth of which brs. from Cor. No.1, S. 9°E., 410.0 ft. 4 1/2 ft. wide, 10 ft. face running S. 8° E. 20 ft. to face. At face is a tunnel 4 x 6 ft. running S. 8°E., 15 ft. to face.

Value Cut and tunnel \$250.0

No.8 A cut, the mouth of which brs. from Cor. No.1, S. 16°15' E., 410.0 ft. 4 1/2 ft. wide, 8 ft. face, running south 20 ft. to face.

Value \$100.0

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

## MINERAL SURVEY NO. 4088.

## REPORT.

The lode line of ~~(the location of)~~ this claim was run directly upon the ground, and the corners were established by running around the claim.

The Cor. to Secs. 17,18,19 and 20 T. 10S., R. 16 E. consists of a porphyry rock, 10 x 12 ins. showing 12 ins. above ground, chiseled 5 notches on the east and 3 notches on the south.

U.S. M.M. No.4 consists of a pine post 6 ins. sq by 8 ft. high, set in md of stone, 6 ft. base by 4 ft. high, scribed "U.S. M.M. NO. IV"

Sur. No.687 Southern Belle lode. All corners are pine posts, properly set and scribed with the number of the corner and the initials "SB"

Line 2-6 fails to furnish the course and distance as approved, N.40°E., 600 ft. and same is properly given in these field notes.

Sur. No. 2155 A Cross Town lode. All corners are pine posts, <sup>except Cor No.4 which is a redwood post</sup> properly set and scribed with the number of the corner and the survey.

Line 4-1 fails to furnish the course and distance as approved, (N.75°06'E.,1262.2) And same is properly given in these field notes.

Cor. No.1 ~~was found to be~~ in badly decayed condition and unsuitable for permanent corner. I set an iron pipe 2 ins. diam. with cap on top in the exact position of the original corner and stamped with the number of the corner and the survey.

Sur. No.1837 Apache Girl lode. All corners are redwood posts properly set and scribed with the number of the corner and the survey

Line 1-2 fails to furnish the course and distance as approved , (S.29°55'E.,300.0 ft.) and same is properly given in these field notes.

## ADJOINING CLAIMS.

On the East by Missing Link lode, Uns. and Sur. No.687 Southern Belle lode.

On the South by Sur. No.2155A., Cross Town lode, and Sur. No.1837 Apache Girl lode.,

On the West by Sur. No.1837 Apache Girl lode. All belonging to claimant herein.

## MINERAL SURVEY No.4088

## OATH OF ASSISTANT.

There being no Notary Public available within long distance

I proceeded to administer the necessary Oath.

*do not copy*

## SOLAR OBSERVATION.

Direct Solar observation taken Friday, Jan.11, 1929 at 2:37 P.M.

Solar time. - Sun bisected, - Lat. 32°33' - Lon. 110°44'30"

Difference in time 10 hrs.

Appt Dec'l = 21°50'18"

3'52.9"

21°46'25.1"

90°

P = 111°46'25.1"

$$\sin \frac{1}{2} A = \sqrt{\frac{\sin (S-L) (S-h)}{\cos L \cos h}}$$

L = 32°33'

h = 23°57'51" ( App't h - 24°00', Refraction - 2' 9" )

P = 111°46'25.1"

2(168°17'16.1"

S = 84°08'38"

S-L = 51°35'38" 9.8941095

S-h = 60°10'47" 9.9833143

0.0742125

0.0391490

2) 19.9457853

9.9728926 = 69°58' = 1/2 A.

139.56 = A.

180° - 139°56' = S.40°04'W. = Bearing of sun.

109°58' = Ang. to right from sun.

150°02'

180° - 150°02' = N.29°58'W. Course of line.

Set up at Cor. No.2 Mischief lode, F.S. to Cor. No.1

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens

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

Elizabeth L. Wood

known as the MISCHIEF Lode

and showing the respective capacities in which they acted.

Ramon Ronquillo, Chainman.

Chainman.

Acman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I, Ramon Ronquillo

and I, do solemnly swear that we assisted

T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Elizabeth L. Wood

known as the MISCHIEF 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 Office Cadastral Engineer, at Phoenix, Arizona.

Ramon Ronquillo, Chainman.

Chainman.

Acman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 14th

day of February, 1929

T.N. Stevens  
U.S. Mineral Surveyor.

FINAL OATH OF U. S. MINERAL SURVEYOR

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated December 26, 1928, 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 Elizabeth L. Wood, known as the MISCHIEF Lode, situate in Old Hat Mining District, Pinal County, Arizona, in Section 19 and 20, Unsub., Township No. 10 S., Range No. 16 E. and designated as Survey No. 4088, 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 her 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.

T.N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T.N. Stevens
U. S. Mineral Surveyor, before me Maebelle Hess, a Notary Public in and for Pima County this 5th day of March, 1929

My commission expires Feb. 7, 1932.

Maebelle Hess
Notary Public



OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

March 23, 19 29

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

Elizabeth L. Wood

known as the MISCHIEF lode

situate in Old Hat

Mining District Pinal County Arizona

in Section a 19 & 20 Unsur., Township No. 10 S., Range No. 16 E., and

designated as Survey No. 4088, 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 her grantors,

and that said improvements consist of 7 cuts and 2 tunnels, total value \$1600.

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.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

March 23, 1929.

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 \_\_\_\_\_

Elizabeth L. Wood

\_\_\_\_\_, known as the

MISCHIEF lode

situate in \_\_\_\_\_ Old Hat \_\_\_\_\_ mining district,

Pinal County, Arizona

in Section s 19 & 20, Unsur, Township No. \_\_\_\_\_ 10 S. \_\_\_\_\_, Range No. \_\_\_\_\_ 16 E.

\_\_\_\_\_, designated as Survey No. \_\_\_\_\_ 4088

executed by \_\_\_\_\_ T. N. Stevens \_\_\_\_\_, U. S. Mineral

Surveyor, \_\_\_\_\_ January 11 - 12 \_\_\_\_\_, 19 29 under my instructions dated

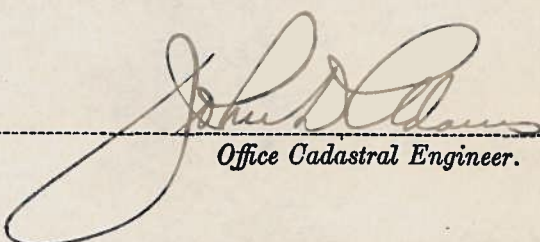
\_\_\_\_\_ December 26 \_\_\_\_\_, 19 28, have been critically examined and the necessary

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.