

MINERAL SURVEY No. 4128

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

John N. Kemp

KNOWN AS THE

Emaline lode

Oro Blanco Mining District,

Santa Cruz County, Arizona

Section 22, Township 22 S, Range 10 E., G. & SR Mer.

Surveyed under instructions dated January 23, 1930

By W. H. Leffingwell, U. S. Mineral Surveyor.

Claim located April 4, 1927

Survey commenced January 28, 1930, 19

Survey completed January 31, 1930, 19

Address of claimant John N. Kemp, Arivaca, Pima County, Arizona.

DATES OF AMENDED LOCATION

January 10, 1930

MINERAL SURVEY NO. 4128.

EMALINE LODE.

Beginning at Cor. No. 1.

A redwood post, 3½ ft. long, 4 ins. square, set 15 ins. in the ground to bedrock, in mound of stone, scribed E. 1-4128, whence

The NE. Cor. Sec. 22, T. 22 S., R. 10 E., Gila and Salt River Meridian, bears N. 68° 27' 30" E., 3538. ft.

Feet.

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Thence S. 58° 54' W.

300. North end center monument of location.

600. To Cor. No. 2.

A redwood post, 3½ ft. long, 4 ins. square, set 18 ins. in the ground, in mound of stone, scribed E. 2-4128, whence

A spring bears S. 56° 30' E., 675. ft.

A spring bears S. 33° 15' E., 633. ft.

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Thence S. 31° 06' E.

658. Yellow Jacket Creek, 10 ft. wide, flows N. 50° E.

710. Wagon Road, course N. 42° E. and S. 42° W.

1500. To Cor. No. 3.

A redwood post, 3½ ft. long, 4 ins. square, set 12 ins. in the ground to bedrock, in mound of stone, scribed E. 3-4128, whence

An oak, 13 ins. in diam. blazed and scribed BT-x-E3-4128 bears N. 76° 50' W., 16.3 ft.

U. S. Mineral Monument No. 4 bears S. 13° 42' 40" E., 1850.1 ft.

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Thence N. 58° 54' E.

300. South end center monument of location.

600. To Cor. No. 4.

A redwood post, 3½ ft. long, 4 ins. square, set 18 ins. in the ground, in mound of stone, scribed E. 4-4128, whence

## SURVEY NO. 4128 - Continued.

Emaline Lode, ---Continued.

An oak, 9 ins. in diam., blazed and scribed BT-x-E.4-4128 bears S.70°W., 7.38 ft.

Feet.

Thence N.31°06'W.

845. Yellow Jacket Creek, 10 ft. wide, flows N.60°E.

865 Wagon Road, course N.60°E and S.60°W.

1500. To Cor. No. 1, the place of beginning.

Variation at all corners 13°40'E.

## LODE LINE.

As near as can be determined from present developmants, the vein of this location extends as follows: from the face of the discovery cut:-

Emaline lode, N.31°06'W., 500 ft. and S.31°06'E., 1000 ft.

## AREA.

Total area Emaline lode.

Acres.  
20.661

The survey of the lode of this location is identical with the amended location as staked upon the ground.

## LOCATION.

This survey is located near the center of, and in all four quarters of Sec. 22, T.22 S., R.10 E., G. & S.R. Mer. in the Oro Blanco Mining District, Santa Cruz County, Arizona, within the Coronado National Forest.

## EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, or for the benefit of this location, by the claimant or his 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, is on the center line 500 ft. from the center of line 1-2, 4 ft. wide, 10 ft. face, running S. 31°06'E., 16 ft. to mouth.

Value, \$160.

No. 2. A cut, the mouth of which bears from Cor. No. 1, S. 12°W., 361 ft., 4 ft. wide, 16 ft. face, running S. 80°W., 22 ft. to face of cut and mouth of tunnel, 4x6 ft., running S. 87°W., 88 ft. to face.

Value of cut, \$286.

Value of tunnel, \$1144.

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OTHER IMPROVEMENTS.

(A) A cut, the mouth of which bears from Cor. No. 1, S. 17°E., 722 ft., 4 ft. wide, 9 ft. face, running S. 70°E., 13 ft. to face of cut and mouth of tunnel, 3x6 ft. running S. 70°E., 6 ft. to face, claimant unknown.

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INSTRUMENT.

This survey was made with a C. L. Berger & Sons No. 4, mining transit, No. 4295. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100 ft. and 300 ft. steel tapes.

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REPORT.

The lode line of this claim was run directly upon the ground, and the several corners established by means of offsets from the lode line. All tie lines were run either directly upon the ground, or by traverses run upon the ground and submitted in a separate report herewith.

U. S. Mineral Monument No. 4, on summit of prominent peak is a 4x4 in. pine post, set in mound of stone 4 ft. high and 6 ft. diameter, scribed M. M. No. 4.

The NE. Cor. Sec. 22, T.22 S., R.10 E., G. & S. R. Mer.  
is a granite stone, 9" x 9" x 16" above surface, with  
mound of stone alongside, chiseled, /// on south face and  
// on east face.

Thorough inquiry from local residents and search were  
made for the four quarter corners, also the northwest  
and southwest corners of Section 22. The northeast  
corner of said section, to which this claim is tied by  
course and distance, is the nearest corner of the public  
survey that was found and identified.

Note.- The disagreements between these field notes, and  
the location and amended location certificates, with  
regard to the bearings of boundary lines, the tie to  
U. S. Mineral Monument No. 4, and the Section in which  
claim is located, are due to errors in the certificates.

STATEMENT

These survey was made with a ...  
The courses were ...  
The distances were ...

REPORT

The line of this claim was run directly upon  
the ground and the several corners established by means  
of ... All the lines ...  
The ground and ...  
U. S. Mineral Monument No. 4, on ...  
is a ...

and a ...

# FINAL OATHS FOR SURVEYS

## LIST OF NAMES

A list of the names of the individuals employed by W. H. Leasingwell

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 \_\_\_\_\_

John N. Kemp  
known as the Emaline lode

and showing the respective capacities in which they acted.

_____	, Chainman.
<u>Charles Keenan, Jr.</u>	, Chainman.
_____	, Axman.
_____	, Flagman.

## FINAL OATHS OF ASSISTANTS

~~We~~, I, Charles Keenan, Jr.

and \_\_\_\_\_, do solemnly swear that we assisted W. H.

Leasingwell, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of John N. Kemp

known as the Emaline 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~~ <sup>my</sup> 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

_____	, Chainman.
<u>Charles Keenan Jr.</u>	, Chainman.
_____	, Axman.
_____	, Flagman.

Subscribed and sworn to by the above-named persons before me this 1st

day of February, 19 30

Mary F. McLaughlin  
Notary Public

My Commission expires June 14, 1933



FINAL OATH OF U. S. MINERAL SURVEYOR

I, W. H. Leffingwell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated January 23, 1930, 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 John N. Kemp, known as the Emaline lode, situate in Oro Blanco Mining District, Santa Cruz County, Arizona, in Section 22, Township No. 22 S., Range No. 10 E., G. & S. R. Mer. and designated as Survey No. 4128, 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 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.

W. H. Leffingwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said

W. H. Leffingwell

U. S. Mineral Surveyor, before me

Josephine C. Whiting

Notary Public L.A. County, California,

this fifth

day of February, 1930.

Josephine C. Whiting
Notary Public in & for County of Los Angeles, State of California

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,~~

March 11, 19 30

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

John N. Kemp

known as the EMALINE lode

situate in Oro Blanco

Mining District, Santa Cruz County, Arizona

in Section 22, Township No. 22 S, Range No. 10 E., and

designated as Survey No. 4128, 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 cuts and 1 tunnel, total value \$1590.

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,

at Phoenix, Arizona.  
~~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,

March 11, 1930

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

John N. Kemp

, known as the

EMALINE lode

situate in Oro Blanco mining district,

Santa Cruz County, Arizona

in Section 22, Township No. 22 S., Range No. 10 E.

, designated as Survey No. 4128

executed by W. H. Leffingwell, U. S. Mineral

Surveyor, January 28 - January 31, 1930, under my instructions dated

January 23, 1930, 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.