

JUL 12 1910

9-1-10.

F. L.

2 C.M.E

platted

4-683.

MINERAL SURVEY No. 2826

LOT No.

Arizona. Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

C. F. Schilling, J. C. Bates and A. M. Foreman

KNOWN AS THE

Emden

Mineral Creek Mining District,

Pinal County, Arizona

Sections 12 & 13,

Approximately Township 3 S, Range 13 E, unsurveyed

Surveyed under instructions dated July 1st., 1910

by Geo. C. Clark U. S. Mineral Surveyor.

Claim located May 7th. 1905, 19

Survey commenced July 8th. 1910, 19

Survey completed July 9th. 1910, 19

6-822

Claimants' Address:- Kelvin, Pinal County, Arizona.

Feet

Survey No. 2826

Beginning at cor. No. 1, the S. E. corner,  
 Identical with location and with cor. No. 3, Survey  
 No. 1244, Copper Bottom Lode, Ray Con. Copper Co. owners

A pine post 4 ft. long, 4 ins. sq., set in the  
 ground in a mound of stones and scribed 1 / 2826 / E,  
 old scribing S. E. C. E. and S. W. C. C. B., whence

A palo verde tree 12 ins. diameter, scribed B. T.  
 1 / 2826 E bears S 46° 09' E 10 ft.

U. S. M. M. No. 1 bears N 74° 29' 30" E 2253. 60 ft.

Thence S 78° 50' W

20.00 To center wash 20 ft. wide, course here southeasterly,

596.00 To cor. No. 4, Survey No. 2611 A, Albion Lode, owned by  
 Ray Con. Copper Co.

1400.00 To wash, 20 ft. wide, course here northeasterly,

1500.00 To cor. No. 2, the S. W. cor., identical with location.

A pine post 4 ft. long, 4 ins. sq. set in the ground  
 in a mound of stones and scribed 2 / 2826 E, whence

The S. E. cor. unsurveyed Behrens lode, owned by  
 Brew and Davis bears S 11° 10' E 121.55 ft.

A rock in place 2 ft. sq., 10 ins. high, chiseled  
 B. R. 2 / 2826 E bears S 6° 48' W 106.10 ft.

Thence N 11° 10' W

290.00 To wash, 20 ft. wide, course here easterly,

300.00 To W end center, identical with location,  
 A pine post in a mound of stones.

600.00 To cor. No. 3, the N. W. cor., identical with location,  
 and with cor. No. 2, Survey No. 2568 A, Mesa Lode owned  
 by Ray Con. Copper Co.

A pine post 3 ft. high, 4 ins. sq. in a mound of  
 stones and scribed 3 / 2826 E, whence

Cor. No. 2, Survey No. 1467 A, York Lode, <sup>marked 2-1467 A,</sup> owned by

Feet

Ray Con. Copper Co. bears N 11° 45' W 776.4 ft.

A 4 inch iron pipe, painted white and set in bedrock on Ray Hill, bears N 66° 50' E

A pine post 4 ft. long, 4 ins. sq., set in the ground in a mound of stones, scribed B. P. 3 / 2826 E bears N 78° 50' E 10 ft.

No other bearing monuments available.

Thence N 78° 50' E

- 300.00 To S end center Survey No. 2568 A, Mesa Lode
- 600.00 To cors. No. 1 and 2 of the Mesa and Ida lodes respectively, survey No. 2568 A, Ray Con. Copper Co. owners,
- 750.00 To pine post scribed N. S. C. E.
- 900.00 To S end center Ida Lode, Survey No. 2568 A.
- 1200.00 To cors. No. 1 and 2, Ida and Orion lodes respectively, Survey No. 2568 A, Ray Con. Copper Co., owners
- 1500.00 To cor. No. 4, the N. E. cor., identical with location and with S end center Orion Lode, survey No. 2568 A
- A pine post 3 ft. high, 4 ins. sq. in a mound of stones, scribed 4 / 2826 E and S. E. cor O 1-2568 A, whence
- A quartzite cropping, 6 ft. high, chiseled 4 B. R. 2826 E, bears N 32° 42' E 60.82 ft.

Cor. No. 4 is identical with cor. No. 2, Survey No. 1244 Copper Bottom lode, owned by Ray Con. Copper Co.

Thence S 11° 10' E

- 150.00 To wash 25ft wide, course here northeasterly
- 300.00 To E end center, identical with location, mound of stones 3 ft. high, identical with W end center Sur. No. 1244 Copper Bottom lode
- 600.00 To cor. No. 1, the place of beginning.

Variation throughout survey 14° 15' E

## Lode Line

As nearly as can be determined from present development the lode line on this location extends from the Disc. Shaft No. 1 N 78° 50' E 620 ft. and S 78° 50' W 880 ft.

## Area

Total and net area Emden Lode 20.661 Acres.

## Location

This survey is located on unsurveyed lands, approximately in Secs. 12 & 13, Tp. 3 S R 13 E, Gila & S. R. B & M. in the Mineral Creek Mining District, Pinal County, Arizona.

## Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements on this claim, placed thereon by the claimants or their grantors is not less than five hundred dollars and that said improvements consist of:-

No.	Description	VALUE
No. 1	Discovery Shaft 4x6x10 ft. bears from E end center S 78° 50' W 620 ft.	\$ 10.00
No. 2	Shaft 4x6x10 ft. bears from center line 3 - 4 S 69° 25' E 70 ft.	10.00
No. 3	Open cut 4x6x10 ft, shaft 4x8x21 ft. bears from point on line 3-4 at 185 ft. from cor. No. 4, S to shaft in cut 15ft	125.00
No. 4	Open cut 4x10x20 ft., tunnel, course S, 4x6x55 ft. center of cut bears from center line 3-4 S 17° 15' E 337 ft.	380.00

## Other Improvements

From center of line 3 - 4 to  
 N. W. cor. frame house facing E, S38°51'E 133.6 ft.  
 S. W. cor. house facing W, S 72° 50' E 226.50 ft.  
 N. W. cor. frame house facing N, S80°30'E 93.6 ft.  
 N. W. cor. frame house facing E, S 89°10' E 114.6 ft.  
 N. W. cor. frame house facing W N 85°30' E 199.5 ft.

## Instrument

The survey was made with a Berger & Sons transit No. 6072. The courses were deflected from the true meridian as determined by solar observations made with a Berger solar attachment. The distances were measured with a 3 ft. and a 300 ft. steel tape

## Report

The lines of the survey were run directly upon the ground. All tie lines were run either directly upon the ground or by traverses, submitted in separate report herewith.

Any disagreement between this and adjoining surveys is due to errors in the latter

## Adjoining Claims

North Mesa, Ida and Orion Lodes, surveys No. 2568A

All owned by the Ray Con. Copper Co.

East Copper Bottom Lode, survey No. 1244,

Same owners

South Albion Lode, survey No. 2611A

Same owners

West Behrens Lode, unsurveyed,

Brew and Davis owners.

*Geo. C. Clark*  
U. S. Mineral Surveyor

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark,  
 United States Deputy 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  
C. F. Schilling, J. C. Bates and A. M. Foreman  
 known as the EMDEN  
 and showing the respective capacities in which they acted.

H. H. Cellespie, Chairman.  
Peter Connell, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, H. H. Cellespie and Peter Connell  
 and \_\_\_\_\_, do solemnly swear that we assisted  
Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of  
C. F. Schilling, J. C. Bates and A. M. Foreman  
 known as the EMDEN  
 represented in the foregoing field notes as having been surveyed by said deputy 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 United States Surveyor-General for Arizona

X Peter Connell, Chairman.  
 X H. H. Cellespie, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

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

day of July, 19010

L. M. Harriman

Notary Public

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Geo. C. Clark, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 1st. 1910, 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 C. F. Schilling, J. C. Bates and A. M. Foreman, known as the Emden, situate in Mineral Creek Mining District, Pinal County, Arizona County, Approximately, in Sections 12 & 13, Township No. 3 S, Range No. 13 E, unsurveyed, and designated as Survey No. 2826, 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 claimants or their 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.

Geo. C. Clark  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said

U. S. Mineral Surveyor, before me

Notary Public

day of July, 1910

Geo. C. Clark  
Peter Painter  
this 9th

Peter Painter  
Notary Public

6-1044  
My Comm expires  
Nov 25th 1913

JUL 1-1910

## NOTICE OF LOCATION.

Notice is hereby given, that the "Emden" Mining Claim was located by C. F. Schilling, J. C. Bates, A. M. Foreman, on this 7th day of May, 1905, for mining purposes.

Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place and 300 feet in width on each side of the center of said vein or deposit from end to end of said claim.

The general course of this claim is Easterly and Westerly, and it is situated in the Mineral Creek Mining District, Pinal County, Arizona, about 1500 feet in a Southerly direction of the Ray Main Shaft adjoining the Mesa and Ida claims on the South.

This claim runs from the discovery monument or stake on which this notice is posted, 750 feet in a Easterly direction to the East center end monument or stake, and 750 feet in a Westerly direction from the aforesaid location monument, or stake, to the West and center end monument, or stake, and is also marked by two corner monuments or stakes at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes making the claim in the form of a parallelogram.

C. F. Schilling.

J. C. Bates,

A. M. Foreman.

Territory of Arizona,  
ss.  
County of Pinal

We, C. F. Schilling, J. C. Bates, and A. M. Foreman, hereby certify that I am a locator of the within named claim and that the location work was performed thereon, within 90 days from the date of location to the full amount and in the manner required by law.

Witness my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_ 190

( SEAL )

This claim is a re-location of an abandoned mining claim known as the Sulphide mining claim.

Filed and recorded at the request of B. E. Schilling on the 26th day of June <sup>at</sup> 9 A. M.

E. B. Devine, Recorder.

N. N. Bartleson, Deputy.

Records of Mines, Book No. 22, pages 501 and 502.



Territory of Arizona

County of Pinal ss

I, G. F. Watson, County Recorder , in and for the County of Pinal, Territory of Arizona, do hereby certify that the above and foregoing " Notice of Location " of the " Emden" Mining Claim, is a full, true and correct copy of the original, as the same appears on record in this office, in Book No 22 of Records of Mines, at pages 501 and 502.

Witness my hand and seal of office this the 23rd day of June A. D. 1910.

County Recorder. G. F. Watson

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 9, 1910., 190.

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of C. F. Schilling, J. C. Bates and A. M. Foreman

known as the EMDEN

situate in Mineral Creek

Mining District, Pinal County, Arizona,

in Section approx. 12 & 13, Township No. 3 S., Range No. 13 E. unsurveyed, and

designated as Survey No. 2826, 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 claimants or their grantors, and that said improvements consist of 3 shafts, 2 cuts and 1 tunnel, total value \$525.00

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 U. S. Land Office at Phoenix, Arizona,

is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

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,

September 9, 1910

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of C. F. Schilling, J. C. Bates and A. M. Foreman

....., known as the

EMDEN

situate in Mineral Creek Mining District,

Pinal County, Arizona,

in Section approx. 12 & 13, Township No. 3 S., Range No. 13 E.

unsurveyed, designated as Survey No. 2826

executed by Geo. C. Clark, U. S. Deputy Mineral

Surveyor, July 8<sup>th</sup>, 1910, under my instructions dated

July 1, 1910, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.