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EXC -

M. Berger opt.

Pls review the enclosed
and check files & library
for possible additional info.

No additional info
in files or USGS Bull 451
Too Small

34°0' to 34°30'

Lat 34°30' ~~+~~ minus

Long 113°30' ~~+~~ plus

SHORT REPORT
ON THE
PROPERTY KNOWN AS THE STATE MINE

The STATE MINE is located about fifty miles south and east from Yucca, Arizona, a station on the Santa Fe Railroad in the Greenwood Mining District, County of Mohave, State of Arizona, about four miles south of the Sandy River at approximately 3,000 feet elevation above sea level, having an ideal climate the year round. A fair truck road is from Yucca to the mine.

PROPERTY

Is owned by Mrs. Jeanne Berger, Mr. Moise Berger, and Mr. Leon Berger and consists of patented mining claim, mill site and water rights.

DEVELOPMENTS

One 100 foot cross-cut tunnel, one 50 foot shaft, the portal of the tunnel is near the shaft. From portal of tunnel a quartz vein 4 feet in width, is exposed, 35 feet high and for a distance of 300 feet in length. The hanging wall is scored off leaving a clean quartz surface exposed at about 70 degrees incline. This exposure is above the collar of the 50 foot shaft. The exposed part of the vein estimates over 3,000 tons of ore, said to average \$16.00 per ton, at present gold price, the exposed part of the ore is free milling, but in the shaft sulphide of iron is coming in, which is mixed with free gold and some of it is very rich.

(2)

WATER

At the time I visited the property, water was about 15 feet below the collar of the shaft, said to make enough water for a small mill. At the Mill Site is a spring, it being tapped, from which a half inch of water flows continuously the year round, no matter how dry the season is. The spring is about 1,500 feet from the shaft and almost on a level.

HISTORY

Some time in 1890, the property came into possession of Moise Levy, father of the present owner; about the fore part of 1900 Mr. Levy put men to work on the property, sunk the present shaft, drove the cross-cut tunnel. Also put up a Mill, (Amalgamation) after operating it for about six months, Mr. Levy took sick and died, leaving the mine to the present owner. At the time of her father's death she was only nine years old, from here memory of hearing her father and mother talking about receiving over \$1,000 above all expenses a month from the gold produced in the little mill. From the time Mr. Levy died, the then owner of the State Mine which was in 1904, the assessment work and eventual patenting of the property was accomplished by the present owners.

On the 21st day of December 1935, a deal was made under an option contract with T. M. Gibson of Los Angeles, California. Mr. Gibson erected a small mill, which took him over a year to install before it was ready to operate. Mr. Gibson then operated the small mill for about two months, then the present owner stopped him on account of being in default in payments and not

(3)

living up to the terms of the contract.

COPIES OF SETTLEMENTS.

Wildberg Bros. Smelting & Refining Co.

635 South Hill St.

Los Angeles, California

Mr. Gibson
Greenwood Mine
Wikieup, Arizona

Retort Sponge	Wt.	Gold Content	Silver Content	Total	Ded.	Net.Ret.
April 7	20.720 oz.	17.661 oz.	1.33 oz.	\$604.01	3.00	598.01
April 22	12.300 "	9.594 "	.830 "	326.52	3.00	323.52

211.8 pounds of concentrates were shipped to the American Smelting and Refining Co. Selby Smelting Plant, San Francisco, California which assayed \$947.74 a ton and gave net returns for 211.8 pounds \$92.85.

After Mr. Gibson was informed by the owner that no more time would be extended, he continued to run the mill for some time but no royalties nor records were given to the owner.

One thing is certain that all ore milled by Mr. Gibson came from the ore out-cropping above the collar of the shaft, as there was no Gellus frame on the shaft, nor a hoist on the property at any time Mr. Gibson was operating the property. The main trouble with Mr. Gibson's operation was that he did not have the money to commence with to properly equip the mine with proper machinery.

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**MINERAL SURVEY
No. 4315 A&B
ARIZONA**

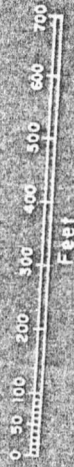
CLAIM OF
JEANNE BERGER

KNOWN AS THE

STATE LODE and STATE MILL SITE

SITUATE IN

Unsurveyed Sec. 4, T.13 N., R.12 W.,
Gila and Salt River Meridian
MOHAVE COUNTY
Greenwood Mining District
Arizona Land District



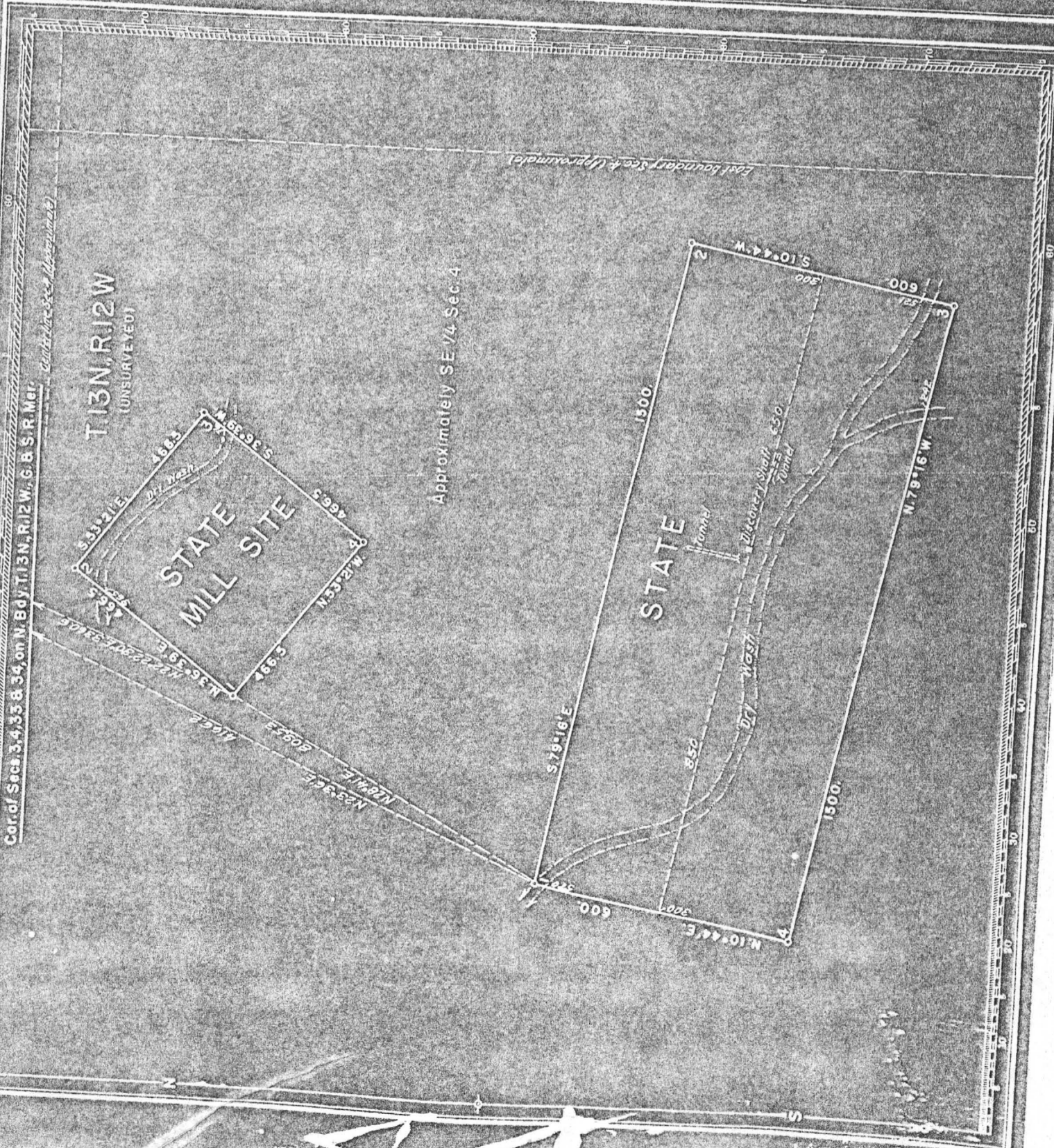
Magnetic Declination 15° 10' E

Surveyed April 21 to June 17, 1948.
By John T. Jordan, Mineral Surveyor

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Public Survey Office

Phoenix, Arizona, September 23, 1948.
I hereby certify that this plat of Mineral
Survey No. 4315 A & B, Arizona, is strictly con-
formable to the field notes of said survey
which have been examined and approved.

Frank W. Chapin
Office Cadastre Engineer



STATE Mine

PATENT # 1157944

ARIZONA # 04402

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
BUREAU OF LAND MANAGEMENT

RECEIVED
SURVEY OFFICE
GREENWICH, ARIZONA
FEB 5 - 1953

HOURS _____

MINERAL SURVEY NO. 4315 A & B

04402

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Jeanne Berger

Known As The

State Mining Claim and State Mill Site

Greenwood Mining District.

Mohave County, Arizona

Section 4 (unsurveyed), Township 13 North, Range 12 West

Surveyed under instructions dated December 11, 1947

by John T. Jordan
U. S. Mineral Surveyor.

Claim located January 1, 1911

Survey commenced April 21, 1948

Survey completed June 17, 1948

Address of claimant Kingman, Arizona

DATES OF AMENDED LOCATIONS

None

This survey was made with a Keuffel and Esser transit No. 81600, with horizontal limb 6.25 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the horizontal verniers read to thirty seconds of arc and the vertical circle vernier reads to one minute of arc; the eye piece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

April 21, 1948 at cor. No. 4 of the State lode, in latitude $34^{\circ} 29' 30''$ N., and longitude $113^{\circ} 31.6'$ W., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point on the line between cors. No. 3 and 4, 455 ft. southeasterly from cor. No. 4, SW. to the sun.

Mean time of observation,
105th meridian standard time = $5^{\text{h}} 12^{\text{m}} 26.2^{\text{s}}$ p.m.

Declination of sun at mean
time of observation = $12^{\circ} 05' 48.8''$ N.

Mean observed vertical angle
to sun's center = $23^{\circ} 20.5'$

Mean horizontal angle from
reference point to sun's
center = $168^{\circ} 10' 30''$ SE-W

True bearing to reference point = S. $79^{\circ} 16'$ E.

The lines were measured with a Dietzgen No. 5502 L-X Ezy-Pul steel tape 200 feet in length, graduated every foot for 200 ft., with graduations to 1/100th ft. at the zero end; this tape was compared with a Public Land Office standard at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods where the lines were accessible; the inaccessible lines were run by traverse methods, as shown by the calculation sheets herewith submitted.

The magnetic declination observed at each corner gave a uniform value of $15^{\circ} 10'$ E.

Survey No. 4315 A.

Feet

STATE LODGE

At cor. No. 1 of the State lode.

Set a yellow pine post, $3\frac{1}{2}$ ft. long, 4 ins. sq., 24 ins. in the ground, and in a mound of stone, mkd. S-1-4315A; from which

The cor. of secs. 3 and 4, T. 13 N., R. 12 W., and secs. 33 and 34, T. 14 N., R. 12 W., G. & S.R. Mer., bears N. $23^{\circ} 36'$ E., 4166.2 ft. dist.; an iron post, 3 ins. diam., 24 ins. above ground in a mound of stone, and marked as described in the official record.

A granite bedrock outcrop, bears N. $82^{\circ} 17'$ W., 12.5 ft. dist., mkd. x BR-S-1-4315 A.

Thence S. $79^{\circ} 16'$ E.

Foot

1500.0

Cor. No. 2

Set a yellow pine post, 3 1/2 ft. long, 4 ins. sq., 24 ins. in the ground, and in a mound of stone, mkd. S-2-4315 A; from which

A distant peak, known as Greenwood Peak, bears N. 40° 49' E.

No bearing trees or objects available.

Thence S. 10° 44' W.

300.0

Lode line; discovery point bears N. 79° 16' W., 650 ft. dist.

521

Right bank of dry wash, 30 ft. wide, course N. 75° W.

600.0

Cor. No. 3

Set a yellow pine post, 3 1/2 ft. long, 4 ins. sq., 24 ins. in the ground, and in a mound of stone, mkd. S-3-4315 A; from which

Greenwood Peak, bears N. 37° 34' E.

No bearing trees or objects available.

Thence N. 79° 16' W.

242

Right bank of dry wash (tributary), 20 ft. wide, course N. 13° W.

1500.0

Cor. No. 4

Set a granite stone, 25 x 10 x 7 ins., 18 ins. in the ground to bedrock, mkd. x S-4-4315 A; from which

A monument of stone, 24 ins. high and 24 ins. diam. at the base, bears S. 30° W., 5.0 ft. dist.

A palo verde tree, 5 ins. diam., bears S. 59° 15' E., 62.2 ft. dist., mkd. x BT-S-4-4315 A.

Greenwood Peak, bears N. 49° 47' E.

Thence N. 10° 44' E.

300.0

Lode line; discovery point bears S. 79° 16' E., 850 ft. dist.

570

Left bank of dry wash, 30 ft. wide, course N. 50° W.

600.0

Cor. No. 1, and place of beginning.

Survey No. 4315 B

STATE MILL SITE

At cor. No. 1 of the State Mill Site.

Set a yellow pine post, 3 1/2 ft. long, 4 ins. sq., 24 ins. in the ground, and in a mound of stone, mkd. S-1-4315 B; from which

Feet

The cor. of secs. 3 and 4, T. 13 N., R. 12 W., and
secs. 33 and 34, T. 14 N., R. 12 W., bears N. 22°
22' 30" E., 3360.6 ft. dist.; previously described.

Cor. No. 1, Sur. No. 4315A, State lode bears S. 28°
41' W., 809.53 ft. dist.

Greenwood Peak, bears N. 57° 22' E.

Thence N. 36° 39' E.

365 Left bank of dry wash, 20 ft. wide, course S. 85° W.

466.5 Cor. No. 2.

Set a yellow pine post, 3½ ft. long, 4 ins. sq., 24 ins.
in the ground, and in a monument of stone, mkd.
S-2-4315 B.

No local bearing trees or objects available.

Thence S. 53° 21' E.

466.5 Cor. No. 3.

On granite bedrock outcrop 8 ins. above general surface,
point for Cor. No. 3, mkd. x S-3-4315 B, with a
monument of stone, 4 ft. high and 2½ ft. diam. at the
base, erected on the north side of the point.

No local bearing trees or objects available.

Thence S. 36° 39' W.

76 Right bank of dry wash, 20 ft. wide, course N. 82° W.

466.5 Cor. No. 4.

Set a yellow pine post, 3½ ft. long, 4 ins. sq., 24 ins.
in the ground, and in a mound of stone, mkd. S-4-4315 B;
from which

Greenwood Peak, bears N. 52° 23' E.

Thence N. 53° 21' W.

466.5 Cor. No. 1, the place of beginning.

The State Mill Site contains 4.996 acres.

Survey No. 4315 A and B

AREAS

	Acres
Total area, State lode - - - - -	20.661
Area in conflict - - - - -	0.00
Total area, State Mill Site - - - - -	4.996

LOCATION

This survey is located in the SE¼ of unsurveyed sec. 4,
T. 13 N., R. 12 W., G. & S.R. Meridian.

The survey of the State lode and the State Mill Site is identical with the respective locations as marked out on the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant, or its grantors are as follows:

- No. 1 The discovery shaft of the State lode, the center of which being the discovery point, is on the lode line, 650 ft. from a point on line 2-3, 300 ft. from Cor. No. 2, 6 x 8 ft., 40 ft. deep, timbered.
Value, \$600.
- No. 2 A tunnel 5x7 ft., the portal of which bears N. 47° W., 30 ft. from the center of the discovery shaft, and runs N. 10° E., 120 ft. to the breast.
Value, \$840.
- No. 3 A tunnel 5x7 ft., the portal of which bears S. 77° E., 165 ft. from the center of the discovery shaft, and runs S. 76° E., 65 ft.
Value, \$455.

No interest in these improvements has been credited heretofore as patent expenditures to any other lode claim.

FIELD ASSISTANTS

Name	Capacity
Bradley B. Lorton	Chairman

4-206
(April 1937)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, John T. Jordan, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated December 11, 1947,
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 _____
Jeanne Berger, known as the
State Mining Claim and State Mill Site,
situate in Greenwood Mining District,
Mohave County, Arizona, in Section
4 (unsurveyed), Township No. 13 N., Range No. 12 W.
and designated as Survey No. 4315 A & B, 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 im-
provements 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.

John T. Jordan
(Mineral Surveyor)

Subscribed and sworn to by the said John T. Jordan

Mineral Surveyor, before me N.W. Phelps

this 31st

day of July, 19 48

(SEAL)

N.W. Phelps
Kingman, Arizona

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

At Phoenix, Arizona

September 23

1948

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 Jeanne Berger

known as the State Mining Claim and State Mill Site

situate in Greenwood mining district, Mohave County, Arizona

in Section 4 (Unsurveyed), Township No. 13 North, Range No. 12 West

O. & S. R. M., designated as Survey No. 4315 A & B

executed by John T. Jordan, Mineral

Surveyor, April 21 to June 17, 1948, under my instructions dated

December 11, 1947, 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.

FRANK W. CHAPIN

Office Cadastral Engineer

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

September 23 1948

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 Jeanne Berger

Known as the State Mining Claim and State Mill Site

situate in Greenwood

Mining District Mohave County Arizona

in Section 4 (uns.), Township No. 13 North, Range No. 12 West and

designated as Survey No 4315 A & B 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 on 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 1 shaft and 2 tunnels, value \$1895.00

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 M. Chapin Office Cadastral Engineer

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the State Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Gabriel Levy, a citizen of the United States the undersigned, on the 1st day of January, 1911.

The length of this claim is Fifteen Hundred (1500) feet and I claim Eight Hundred & Fifty (850) feet in a North Easterly direction and Six Hundred & Fifty (650) feet in a South Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North East of the South West.

The claim is situated and located in the Greenwood Mining District, in Mohave County, in the Territory of Arizona, about nine Miles in a Easterly direction from Signal, Ariz.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stone at a point in a North Easterly direction Eight Hundred & fifty feet from the discovery shaft (at which this notice is posted), being in the center of the North East end line of said claim; thence Three Hundred feet to a Monument of stone, being the North West corner of said claim; thence Fifteen Hundred feet to a Monument of stone, being at the South West corner of said claim; thence Three Hundred feet to a Monument of stone at the center of the South end of said claim; thence Three Hundred feet to a Monument of stone, being at the South East corner of said claim; thence Fifteen Hundred feet to a Monument of stone at the North East corner of said claim; thence Three Hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 1st day of January, 1911.

Witness John M. Owen

Gabriel Levy

Filed and recorded at the request of G. Levy, March 27th A.D. 1911, at 9 o'clock A.M., in Book G G at Page 282.

J.W.Morgan
County Recorder.

