

4-683.

OCT. 5-1912

MINERAL SURVEY No. 3021

LOT No.

ARIZONA

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

CONSOLIDATED ARIZONA SMELTING COMPANY

KNOWN AS THE

BLUE LIME PLACER

DEL RIO

Mining District,

YAVAPAI

County,

ARIZONA

Section 34, Township 18 N., Range 3 W.

Surveyed under instructions dated Sept. 14, 1912

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located See Location Notice, 19

Survey commenced Sept. 16, 1912

Survey completed Sept. 17, 1912

6-822

Attorneys

Anderson & Lamson

Prescott Arizona.

Survey No.3021

BLUE LIME PLACER

Beginning at Cor. no.1, a lime stone 6-12-18 inches long set 12 inches in the ground with a substantial mound of stone alongside: chiseled B L-1-3021 on SW face with cross on top for exact corner point, from which point

The point for N 1/4 corner of Sec.34 T.18 N.R. 2 W. of the Gila and Salt River Base and Meridian, bears NORTH 660.0 feet.

No other bearings available.

Thence WEST

- 169.0 Cross old road course SW to NE.
- 206.0 Cross small dry wash course north and south.
- 252.3 Cross road to Valley station, course north and south.
- 660.0 Cor.No.2 Blue Lime Placer.

A limestone 4-12-18 inches long set 12 inches in the ground, with a substantial mound of stone alongside; chiseled B L-2-3021 on SE face with cross on top for exact corner point.

No bearings available.

Thence SOUTH

- 790.0 Cross road Valley station to Chino valley, course NE to SW.
- 1320.0 Cor.No.3 Blue Lime Placer.

A limestone 8-12-20 inches long set 12 inches in the ground, with a substantial mound of stone alongside; chiseled B L-3-3021 on NE face with cross on top for exact corner point.

No bearings available.

The south Corner to Sections 33-34 T.18 N.R.2 W. brs. S.30°-59'50"W. 3848.4 feet

Thence EAST

- 150.0 Cross old road course North and South,
- 361.0 Cross small dry wash, course north and south

411.6 Center of Santa Fe Prescott & Phoenix Railroad track course S.15-47'W., being also point of tangency of old spur to Quarry.

660.0 To cor.No.4, Blue Lime Placer.

A limestone 5-15-27 inches long, set 14 inches in the ground, with a substantial mound of stone alongside; chiseled B L-4-3021 on NW face with cross on top for exact corner point.

No bearing available.

thence NORTH

878.45 Center of Santa Fe Prescott & Phoenix R.R.track, on bridge No.49.

897.0 Cross small dry wash, course NE to SW.

1020.0 North end of Quarry.

1226.0 Cross small dry wash, course NW to SE.

1320.0 To place of beginning.

All corners are identical with their respective locations. Variation at all corners 14-30'E.

AREA

Total area Blue Lime placer -----20.000acres.

LOCATION

This survey is located in the NW 1/4 sec. 34, T.18 N. Yavapai County, Arizona R.2 W.; in the Del Rio Mining District, and about 1/8 th mile southerly from Valley station, on the Santa Fe Prescott and Phoenix R.R.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon, ~~or for the benefit of each of the locations embraced in said mining claim~~ by the claimant or its grantors is not less than five hundred dollars and that said improvements consists of;



<sup>dis,</sup>  
 No.1 An open quarry, which begins at a point south 300.0 feet from Cor.No.1 Blue Lime Placer, and extends as follows, (courses taken along rim of face of quarry) from pt.No.1, S.67°-47' W. 112 feet, thence S.50°-05' W. 106 ft. to pt. No.3, thence S.26°-01' W. 110 ft. to point No.4, thence S.50°-05' W. 53 ft. to pt.No.5, thence S.11°-44' E. -88 ft. to pt. No.6, the end of quarry. The quarry extends southeasterly and paralell with face on course pt.No.6 to Pt.No.1. It avarages 15 to 17 feet high along its entire face.

Value \$10,000.00

OTHER IMPROVEMENTS

A spur from the main line of the railroad was run at the time of working of this quarry, but at present it has been abandoned and the rails taken up.

ADJOINING CLAIMS

None

INSTRUMENT

This survey was made with a Lietz light mountain transit-theodolite No.13. The courses were deflected from the true meridian as determined by direct observation by use of the Saegmuller Solar Attachment. The distances were measured with a 150ft. and 300 ft. steel tape.

REPORT

The nearest corner of the public survey that was found standing was the corner to sections 33-34-3-4 on township line between T.17 and 18 N.R. 2 W. of the Gila and Salt river Base and meridian, from which corner the point for North  $\frac{1}{4}$  corner Sec. 34 was established. This corner was properly set and marked.

----- J. William Waara -----  
 U.S. MINERAL SURVEYOR

I was unable to find the 1/4 Cor. between Secs. 33 & 34, the Cor. to secs. 27-28-33-34, the 1/4 cor. between Secs. 34-35, the cor. to secs. 26-27-34-35, or the S.1/4 Cor. of Sec. 34, all of which are nearer than the corner to which Cor. No. 3 of this survey is tied. All of the above named corners with the exception of the S.1/4 Cor. of Section 34, were posts, and they have probably decayed or been obliterated in some other manner.

The point for the North 1/4 corner of Sec. 34, was established by running North, variation 14-30'E. as per Saegmuller Solar observation, 80.00 chains, thence east variation 14-30'E. 40.00 chains, where the point for N.1/4 cor. fell, from which point, Cor. No. 1 Blue Lime placer, brs. south 660.0 ft. The above was run with the aid of field notes of the original public <sup>land</sup> survey. As the country west of this section is open valley land, and corners must necessarily have been posts as it is remote from stone or timber, these corners are in most cases obliterated, and the re-establishment of the above mentioned 1/4 cor. from the corner on the township line is without doubt the most accurate way available to do it. The country is open and very flat so the possibilities of error in chaining in the original survey are very remote.

*J. William Waasa*  
 J. S. MINERAL SURVEYOR.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA  
 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 CONSOLIDATED  
ARIZONA SMELTING COMPANY  
 known as the BLUE LIME PLACER  
 and showing the respective capacities in which they acted.

H. E. Armitage ..... , Chainman.  
 ..... , Chainman.  
 ..... , Axman.  
 ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I, H. E. Armitage  
 and ..... , do solemnly swear that we assisted J. WILLIAM  
WAARA ..... , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of CONSOLIDATED ARIZONA SMELTING COMPANY  
 known as the BLUE LIME PLACER  
 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

H. E. Armitage ..... , Chainman.  
 ..... , Chainman.  
 ..... , Axman.  
 ..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 17th.

day of Sept. ..... , 19012

LeRoy Cooper  
Notary Public



FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, J. WILLIAM WAARA, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated Sept. 14, 1912, 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 Consolidated Arizona Smelting Company, known as the BLUE LIME PLACER, situate in Del Rio Mining District, Yavapai County, Arizona, in Section 34, Township No. 18 N., Range No. 3 W. G. & S. R. R. & M., and designated as Survey No. 3021, 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 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.

J. William Waara  
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA  
U. S. ~~Deputy~~ Mineral Surveyor, before me L. Roy Anderson  
a Notary Public this 17th.  
day of September 1912,

L. Roy Anderson  
Notary Public

4-694.

Title Page to Report under Paragraph 62, Mining Circular, Approved June 24, 1899.

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## REPORT

Under paragraph 62, General Mining Circular, approved June 24, 1899, upon the Placer Mining Claim known as the BLUE LIME PLACER

....., claimed by

CONSOLIDATED ARIZONA SMELTING COMPANY

situate in DEL RIO Mining District,

YAVAPAI

County, ARIZONA

....., embracing

The S.E.  $\frac{1}{4}$  of N.E.  $\frac{1}{4}$  of N.W.  $\frac{1}{4}$  and N.E.  $\frac{1}{4}$  of S.E.  $\frac{1}{4}$  of N.W.  $\frac{1}{4}$  of

Sec. 34, as described in the field notes Mineral Survey No.

3021, 20 acres

in Sec. ...., Town. 18 N.

Range 2 W.

Examination made Sept. 16, 1902

By J. WILLIAM WAARA

*U. S. Deputy Mineral Surveyor.*



DESCRIPTIVE REPORT ON PLACER CLAIM  
OF  
CONSOLIDATED ARIZONA SMELTING COMPANY  
KNOWN AS THE  
BLUE LIME-MINERAL SURVEY NO. 3021

(a) The soil is a shallow alluvial deposit overlying the limestone. In the southeast corner of the claim a volcanic capping occurs, and extends easterly. A few scattered cedar trees are standing but generally speaking, the claim is timberless and vegetation is mainly the mountain grasses.

(b) See back of page two (2). *(in copying insert here in place)*

(c) The surface workings consist of an open quarry for limestone, having an average face of 15 to 17 feet in height. The quarry extends, from a point on the east boundary south 300 feet from the Cor.No.1, in a south-westerly direction for 400 feet and being about 70 feet wide, parallel with the face.

(d) The Santa Fe Prescott and Phoenix Railroad passes through this claim. The nearest center of trade and residence is the City of Prescott, Yavapai County Arizona being 27.8 miles south. Humboldt is 38.5 miles south-easterly and is the location of the reduction works of the Consolidated Arizona Smelting Co., users of the limestone from this quarry.

(e) There are no lode deposits or individual lodes of any consequence nearer than Jerome Arizona, being 35 miles in a southeasterly direction.

(f) The claim is only adaptable for the limestone quarrying, and as water is only necessary for domestic purposes, a sufficient amount can be procured for that purpose.

(g) Approximately 10000 cubic yards of quarrying, valued at about \$10,000.00, has been done by the claimant or its grantors for the development of the claim, which works may be described to be located as

follows;

An open quarry, the face of which begins at a point south 300,0 feet from Cor.No.1 Blue Lime Placer, and extends as follows along rim of quarry, from initial point.No.1, S.67°-47'W.112 feet to No.2, thence S.50°-05'W. 106 feet to No.3, thence S.26°-01'W. 110 feet to No.4, thence S.50°-05'W. 53 feet to No.5, thence S.11°-44'E. 88 feet to No.6 the end of the quarry.

(h) There are no mines, salt licks, salt springs, or mill seats on this claim except as mentioned above.

FINAL OATHS FOR  
DESCRIPTIVE REPORT ON PLACER CLAIM.

We, J. William Waara and H. E. Armitage, do solemnly swear that we have been on the Blue Lime Placer Claim Mineral Survey No. 3021, and have examined said claim as to requirements by General Land Office circular, approved May 21, 1907, paragraph 60 for descriptive report on placer claims, and that the above report does in all respects, to the best of our knowledge and belief, faithfully and correctly describe the conditions as exists on said Blue Lime Placer Claim, Mineral Survey No. 3021, Consolidated Arizona Smelting Company, Claimant.

Report by -----

*J. William Waara*  
U. S. Mineral Surveyor

Corroborated by -----

*H. E. Armitage*

Subscribed and sworn to by the above-named persons before me this 4<sup>th</sup> day of October 1912.

*M. E. McNeelley*  
Notary Public

My commission expires

*Feb. 18-1916* (2)



(b) A small dry wash about fifteen ft. in width passes through the N.E. corner of the claim and again enters from the east side about 330 feet south of where it first passed out of the claim. It flows only during rains and from winter flood waters. There are no other matters that can be mentioned as appearing on the surface of the claim,



# OATH OF UNITED STATES MINERAL SURVEYOR

Under paragraph 60, General Mining Circular, approved May 21, 1907.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor,  
do solemnly swear that in pursuance of an order received from the U. S. Surveyor  
General for ARIZONA, dated Sept. 14, 19 13

I have made, under the provisions of paragraph 60, General Mining Circular, approved  
May 21, 1907, a personal and thorough examination, upon the premises, of the placer  
mining claim of Consolidated Arizona Smelting Company

known as the Blue Lime Placer

situate in Del Rio Mining District,

Yavapai County, Arizona, embracing

S.E. 1/4 of N.E. 1/4 of N.W. 1/4 and NE 1/4 of S.E. 1/4 of N.W. 1/4 Sec. 34

as described in the field notes Mineral Survey No. 3031,

2.0 acres,

in Township No. 18 N., Range No. 2 W., and that my report

of such examination, hereto attached, is specific and in detail, and is a full and true  
statement of the facts upon all the points specified in the paragraph referred to.

*J. William Waara*  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said \_\_\_\_\_

J. WILLIAM WAARA, U. S. Mineral Surveyor,

before me Notary Public

this 18<sup>th</sup> day of October, 1913

*M. E. McElvey*  
Notary Public

*My Commission Expires February 15th, 1916*

4-696.

CORROBORATIVE AFFIDAVIT UNDER PARAGRAPH 60, GENERAL MINING CIRCULAR.

APPROVED JULY 26, 1901.

STATE OF ARIZONA }  
COUNTY OF YAVAPAI } ss.

H. E. Armitage and

being first duly sworn, severally depose and say that he is personally and well acquainted with the placer-mining claim of Consolidated Arizona Smelting Company

known as the Blue Lime placer

situate in

Del Rio Mining District,

Yavapai County, Arizona, embracing

the S.E. 1/4 of N.E. 1/4 of N.W. 1/4 and N.E. 1/4 of S.E. 1/4 of N.W. 1/4

of Sec. 34, as described in the field notes Mineral Survey

No. 3021, 20 acres,

in Township No. 18 N.

Range No. 2 W.; and also with the character of all the land included

in said claim, and has been so acquainted for month year last

past; that his knowledge of said claim and land is derived from actual inspection

prior to foregoing report, in company with J. William Waara, who instructed him as to the requirements for a full examination in connection with making Descriptive Report and is such as to enable

him to testify understandingly with regard thereto; that he has carefully read the foregoing report

of J. WILLIAM WAARA, U. S. Deputy Mineral Surveyor, and

that to his own personal knowledge said report is in all respects true and accurate.

H. E. Armitage



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

this 18th day of October, 1901

M. E. McVelle

Notary Public

My Commission Expires February 18th, 1916



Amended  
Notice of Mining Location  
Placer Claim

3021

14

SEP. 14. 1912

To All Whom It May Concern:

This Placer Mining Claim, the name of which is the Blue Lime Placer Mining Claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purposes of exploration and purchase by the Consolidated Arizona Smelting Company, a Maine corporation doing business in Arizona, the undersigned, on the 23rd day of May 1912.

We claim 20 acres thereof, and have marked the same on the ground as follows:

Beginning at a point from which the N 1/4 corner of sec. 34 T.18 N. R.2 W. of the Gila and Salt River Base and Meridian bears North 660.0 feet said point being a stake in mound of stone where this notice is posted; thence South 1320.0 feet to a stake in mound of stone, thence West 660.0 feet to a stake in mound of stone, thence North 1320.0 feet to a stake in mound of stone, thence East 660.0 feet to the place of beginning, containing 20.0 acres, all in Del Rio Mining District, in the County of Yavapai, in the State of Arizona, about one eight miles in a southerly direction from Valley Station on the S.F.P. & P. R.R. This is an Amended Location Notice of the Blue Lime placer mining claim located by J.K. Mason on the 1st day of Jan 1906 and recorded in Book 68 of Records of Mines at page 330, in the office of the County Recorder of Yavapai County.

All done under the provisions of Chapter Six of Title XXXI, of the Revised Statutes of the United States, and of 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 23rd day of May 1912

Witness

J William Waara

Consolidated Arizona Smelting Co.  
R T Walker  
Agent

Filed and recorded at request of Anderson & Lamson May 24 A.D. 1912 at 9:30 o'clock A.M., Book 90 of Mines, page 644, Records of Yavapai County, Arizona.

(SEAL)

L.S. Colwell

County Recorder.

By Benj Powers

Deputy Recorder.



Filed and recorded at request of \_\_\_\_\_

\_\_\_\_\_ A. D. 1912, at \_\_\_\_\_ clock

\_\_\_\_\_ M., Book \_\_\_\_\_ pages \_\_\_\_\_

Records of Yavapai County, Arizona.

{ SEAL }

L. S. COLWELL,  
County Recorder,

By \_\_\_\_\_

Deputy Recorder.

STATE OF ARIZONA, }  
COUNTY OF YAVAPAI. } ss.

I, L. S. Colwell, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same is a full, true and correct copy of Amended Notice of Mining Location of Blue Lime Placer Mining Claim

filed for record on May 24 A.D. 1912 at 9:30 O'clock A.M. and as the same appears of record in my office in Book 90 of Mines at pages 644 and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 11th day of September, A. D. 1912

L. S. Colwell  
County Recorder.



(4-688.)

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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

December 28, 1912.

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

CONSOLIDATED ARIZONA SMELTING COMPANY  
, known as the BLUE LIME PLACER  
, situate in DEL RIO  
Mining District, YAVAPAI County,  
ARIZONA, in Section 34, Township No. 18 N.,  
Range No. 2 W., and designated as Survey

No. 3021, 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 its grantors, and  
that said improvements consist of 1 quarry, value \$10,000.00

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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.



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.

December 28, 1912.

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

CONSOLIDATED ARIZONA SMELTING COMPANY

, known as the

BLUE LIME PLACER

situate in DEL RIO mining district,

YAVAPAI County, ARIZONA.

in Section 34, Township No. 18 N., Range No. 2 W.

, designated as Survey No. 3021

executed by J. William Waara, United States Mineral

Surveyor, Sept. 16-17, 1912, 190, under my instructions dated

Sept. 14 1912, 190, 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.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.



TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

411.6 Center of Santa Fe Prescott & Phoenix Railroad track course S.15°-47'W., being also point of tangency of old spur to Quarry.

660.0 To cor.No.4, Blue Lime Placer.

A limestone 5-15-27 inches long, set 14 inches in the ground, with a substantial mound of stone alongside; chiseled B L--4-3021 on NW face with cross on top for exact corner point.

No bearing available.

thence NORTH

878.45 Center of Santa Fe Prescott & Phoenix R.R.track, on bridge No.49.

897.0 Cross small dry wash, course NE to SW.

1020.0 North end of Quarry.

1226.0 Cross small dry wash, course NW to SE.

1320.0 To place of beginning.

All corners are identical with their respective locations. Variation at all corners 14°-30'E.

AREA

Total area Blue Lime placer ----- 20.000 acres.

LOCATION

This survey is located in the NW 1/4 sec. 34, T.18 N. R.2 W.; in the Del Rio Mining District, Yavapai County, Arizona, and about 1/8 th mile southerly from Valley station, on the Santa Fe Prescott and Phoenix R.R.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon, ~~on the~~ ~~the~~ said mining claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consists of;