

11-6-1930  
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4-683

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MINERAL SURVEY No. 4138

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M.W. Jones

KNOWN AS THE

AZTEC GRANITE QUARRY Placer

Helvetia Mining District,

Pima County, Arizona.

Section 35, Township 17 S., Range 15 E., Unapproved

Surveyed under instructions dated September 23, 1930

By *[Signature]*  
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced October 14, 1930

Survey completed October 15, 1930

Address of claimant John H. Repp, 40 W. Pennington St. Tucson, Ariz  
Atty for claimant.

DATES OF AMENDED LOCATIONS

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Copy of maps to B. Div  
with plat 1-15-31

Feet

MINERAL SURVEY NO. 4138  
AZTEC GRANITE QUARRY PLACER

Beginning at Cor. No.1, identical with Loc<sup>tion</sup> Monument.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 1-A G. Q. P - 4138, with m<sup>und</sup> of stone alongside, whence the Cor. to Secs. 2<sup>&</sup>3 T.16 S., R. 15 E. brs S.27°43'20" W., 2124.74 ft. The 1/4 Cor. bet. Secs. 34<sup>&</sup>35 T.17 S., R.15E., Unapproved brs. N.52°22'30" W., 1081.21 ft.

A palo Verde tree 5 ins. diam. brs. S.23° E., 20.5 ft., blazed and scribed 1-4138 B.T.

No other bearings are available.

Thence N.89°57'E.  
Va. 14°45'E

33.0 Road brs. northerly.

54.0 Fence brs. northerly.

590.0 Center branch Sycamore gulch brs.northerly.

660.0 To Cor. No.2, identical with Loc<sup>tion</sup> Monument.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 2, A G Q P - 4138, with m<sup>und</sup> of stone alongside.

The East edge of granite ledge 10 ft. long by 8 ft. high brs.

N.28°E., 30.73 ft. Chiseled with cross (X) 2,4138 BR.

A spring (dry part of year) brs. N.15°W., 360. ft.

No other bearings are available.

Thence N. 0°03'W.,  
Va. 14°45'E.

20.0 Center of branch, Sycamore gulch brs. northwesterly.

1320.0 To Cor. No.3, identical with Loc<sup>tion</sup> Monument.

An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground set 18 ins. in the ground, stamped 3, A G Q P - 4138 with m<sup>und</sup> of stone alongside.

No bearings are available.

Thence S.89°57'W.  
Va. 14°45'E.

330.0 Center Sycamore gulch brs. northerly.

660.0 To Cor. No.4, identical with Loc<sup>tion</sup> Monument. An iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground, stamped 4,A G.Q P- 4138 with m<sup>und</sup> of stone alongside.

No bearings are available.

Thence S. 0° 03'E.  
Va. 14°45'E.

Feet.

MINERAL SURVEY NO. 4138  
AZTEC GRANITE QUARRY PLACER.

660.0 Fence brs. northwesterly.  
1180.0 Road brs. northerly.  
1320.0 To Cor. No.1, the place of beginning.

AREA.

Total area Aztec Granite Quarry Placer claim ----- Acres.  
20.00

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

LOCATION.

This survey is located in the S. 1/2 of the N.W. 1/4 and the N. 1/2 S.W. 1/4 Sec. 35 T.17 S. R. 15 E., Unapproved.

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 placer claim by the claimant of his grantors is not less than \$500.00 and that said improvements consist of :

Discovery  
No.1 Quarry, the N. end of which brs. from Cor. No.4 S.41°15'E.,  
650.0 ft. running S. 12°E., 50 ft. 40 ft. high by 10 ft. thick.  
Value \$2000.00

No.2 Quarry, the N. end of which brs. from Cor. No.4 S. 32° E.,  
700 ft. running S. 27° E. 75.0 ft. 50 ft. high by 10 ft. thick.  
Value \$7500.00

OTHER IMPROVEMENTS.

A frame shack, the N.W. Cor. of which brs. from Cor. No.4 S.40°E.,  
610 ft. 8 x 10 ft. , Course of long sides East.

INSTRUMENT.

This survey was made with a Buff & Buff 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.

REPORT.

The corners were established by running around the claim. All tie lines were run directly upon the ground.

The Cor. to Secs. 2 and 3 on the N. boundary of T.18 S.,R.15 E.



# 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

M.W. Jones

known as the AZTEC GRANITE QUARRY Placer

and showing the respective capacities in which they acted.

F.T. Burgess, Chainman.

Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS

We, I. F.T. Burgess

I

~~and~~ 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 M.W. Jones

known as the Aztec Granite Quarry Placer

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 instructions furnished by the Office Cadastral Engineer, at Phoenix, Ariz.

F. T. Burgess, Chainman.

Chainman.

Arman.

Flagman

Subscribed and sworn to by the above-named persons before me this 29<sup>th</sup>

day of October, 1930.

John K. Rieley

Notary Public

*My Com. Ex.  
Jan 30-193X*

### 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, Ariz, dated September 23, 1930,  
I have, in strict conformity to the laws of the United States, the official regulations and instruc-  
tions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly  
executed the survey of the Mining Claim of M.W. Jones  
....., known as the  
AZTEC GRANITE QUARRY Placer  
situate in Helvetia Mining District,  
Pima County, Arizona, in Section  
35, Township No. 17S., Range No. 15 E., Unapproved  
and designated as Survey No. 4138, 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 certifi-  
cate, 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.

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

Subscribed and sworn to by the said T. N. Stevens  
U. S. Mineral Surveyor, before me Tom K Richey  
..... this 29<sup>th</sup>  
day of October, 1930

*Tom K Richey*  
Notary Public.

*My Com Ex.*  
*Jan 30-1934*

4-694.

Title Page to Report under Paragraph 60, Mining Circular, Approved May 21, 1907.

# REPORT

Under paragraph 60, General Mining Circular, approved May 21, 1907, upon the Placer Mining Claim known as the AZTEC GRANITE QUARRY Placer

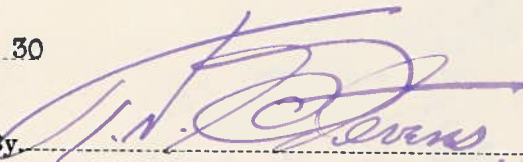
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....., claimed by  
M.W. Jones

.....  
situate in Helvetia Mining District  
Pima County, Arizona, embracing  
20 acres, being part S. 1/2 of N.W. 1/4, and N. 1/2 of S.W. 1/4

.....  
in Sec. 35, Town. 17 S., Range 15 E. Unapproved

Examination made October 14, 19 30

By   
J. N. Stevens  
U. S. Mineral Surveyor.

OATH OF UNITED STATES MINERAL SURVEYOR

Under paragraph 167, General Mining Circular, approved March 29, 1909.

I, T.N. Stevens, U. S. Mineral Surveyor, Office Cadastral Engineer do solemnly swear that in pursuance of an order received from the U. S. Surveyor General for at Phoenix, Ariz., dated September 23, 1930, I have made, under the provisions of paragraph 167, General Mining Circular, approved March 29, 1909, a personal and thorough examination, upon the premises, of the placer mining claim of M.W. Jones

known as the AZTEC GRANITE QUARRY Placer situate in Helvetia Mining District, Pima County, Arizona, embracing part of S. 1/2 of N.W. 1/4 and N. 1/2 S.W. 1/4 Sec 35

in Township No. 17 S., Range No. 15 E., Unapproved, 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.

[Signature of T.N. Stevens] U. S. Mineral Surveyor.

Subscribed and sworn to by the said T.N. Stevens

U. S. Mineral Surveyor,

before me Tom K. Richey

this 29th day of October, 1930.

[Signature of Tom K. Richey] Notary Public.

My Com Ex, Jan 30-1934.



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REPORT  
AZTEC GRANITE QUARRY PLACER .

- (a) About 1/2 the area of this Placer claim embraces the outcropping of massive blue-grey granite, with perpendicular walls ranging from 50 to 75 ft. in height above the floor of the canon. This area is suitable only for quarry purposes.  
The balance of the area, comprising about 10 acres is rolling mesa land. The soil reddish-brown loam and gravel of which about 50 % of volume consists of rock and gravel ranging in size from small pebbles to boulders 18 to 24 ins. in diameter. Judging from the granite outcrop along both sides of the canon, it appears that the entire surface is underlaid with a solid granite formation.  
Timber and vegetation.  
The vegetation consists of scrubby mesquite, Palo Verde and Cat-Claw trees together with ocotilla and various varieties of cactus and other desert plants and scattering patches of gramma grass.  
The above vegetation is of little commercial value.
- (b) The surface area of this claim is bisected by a deep wash known as Sycamore gulch which enters the claim at the S.E. cor and runs in a northeasterly direction to the center of the north end line.  
This gulch is from 75 to 100 ft. deep and from 150 to 200 ft. wide at the bottom. This stream is dry throughout the year with the exception of the months of July and August during the summer rains.
- (c) This placer deposit consists of a fine grained blue-grey granite which has been worked by the claimant for a number of years. The principal uses for which it has been worked is for monumental work and building purposes. The deposit is being worked at present in two quarries, one on each side of the gulch at about the center of the claim. Quarry designated No.1 is located on the east bank of Sycamore gulch, the North end of which brs. from Cor. No.4 S.41°15'E., 650. ft. This quarry is 50 ft. long by 40 ft. high. Approximately 20000Cu. ft. of granite have been mined from this quarry.  
Quarry No.2 is located on the west bank of Sycamore gulch, the N. end of which brs from Cor. No.4, S. 32°E., 700 ft. This quarry is 75 ft. long by 50 ft. high. Approximately 37500Cu. ft. of granite have been mined from this quarry.  
The cost of mining under the present methods is .20 Cts per Cu. ft. There are no lode deposits known to exist within the boundaries of this claim.
- (d) This claim is situated about 30 miles in a southeasterly direction from Tucson, Ariz. where the rough material is being hauled by wagon road and there made into the finished product.
- (e) The Helvetia Mining Camp is the nearest well known system of lode deposits, being approximately 3 1/2 miles in a southerly direction from this property. At present the nearest known single lode deposit is the Blue Jay mine, which is about two miles in a southeasterly direction from this claim.
- (f) The use and adaptability of this claim for quarry mining is excellent. The present method of mining requires very little water and sufficient quantity of same can be procured within the boundaries of this claim.
- (g) In addition to the improvements heretofore mentioned, the claimant has maintained and operated since 1897 a plant at Tucson, Ariz. known as the Jones Monument Co. At this plant the raw material from the Aztec Granite Quarry Placer is made up into a finished product.

REPORT + Cont'd.

AZTEC GRANITE QUARRY Placer Claim.

(h) There are no mines, Salt licks, Salt Springs or Mill Seats existing within the boundaries of this claim.

The above vegetation is of little commercial value. The vegetation consists of scrubby mesquite, Palo Verde and Palo Verde. The vegetation is of little commercial value. The vegetation consists of scrubby mesquite, Palo Verde and Palo Verde. The vegetation is of little commercial value.

The surface area of this claim is bounded by a well known stream which enters the claim at the north end and flows in a northerly direction to the center of the claim and then flows to the south. This stream is dry throughout the year with the exception of the months of July and August during the summer rains.

This placer deposit consists of a fine grained blue-grey granite which has been worked by the claimant for a number of years. The deposit is located in the center of the claim at about the center of the stream. The deposit is located in the center of the claim at about the center of the stream. The deposit is located in the center of the claim at about the center of the stream.

The deposit is located on the west bank of the stream. The deposit is located on the west bank of the stream. The deposit is located on the west bank of the stream. The deposit is located on the west bank of the stream.

This claim is situated about 30 miles to a southeasterly direction from Tucson, Arizona. The claim is situated about 30 miles to a southeasterly direction from Tucson, Arizona. The claim is situated about 30 miles to a southeasterly direction from Tucson, Arizona.

The nearest town is the nearest well known center of population. The nearest town is the nearest well known center of population. The nearest town is the nearest well known center of population.

The use and availability of this claim for mining is excellent. The present method of mining requires very little water and sufficient quantity of same can be procured within the boundaries of this claim.

In addition to the improvements mentioned, the claimant has installed and operated since 1917 a plant at Tucson, Arizona. In this plant the raw material from the Aztec Granite Quarry Placer is made up into a finished product.

CORROBORATIVE AFFIDAVIT UNDER PARAGRAPH 60, GENERAL MINING CIRCULAR.

APPROVED MAY 21, 1907.

State of Arizona )  
COUNTY OF Pima ) ss:

*R. H. Nielsen* and *John T. Beach*

being first duly sworn, severally depose and say that he is personally and well acquainted with the placer-mining claim of M.W. Jones

, known as the

AZTEC GRANITE QUARRY Placer, situate in

Helvetia Mining District,

Pima County, Arizona, embracing

20 acres, Part of S. 1/2 of N.W. 1/4 and N. 1/2 S.W. 1/4 Sec. 35

, in Township No. 17 S., Range No. 15 E., Unapproved

; and also with the character of all the land included in said claim, and has been so acquainted for five year<sup>s</sup> last

past; that his knowledge of said claim and land is derived from residence in the

district and truck hauling stone from the claim to Tucson

and is such as to enable

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

of T.N. Stevens, U. S. Mineral Surveyor, and

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

*John T. Beach*  
*R. H. Nielsen*

Subscribed and sworn to by the above-named persons before me  
this 5<sup>th</sup> day of Nov, 1930

My commission expires March 29, 1934

*J. J. [Signature]*  
Notary Public

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

November 26, 1930

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

M. W. Jones

known as the AZTEC GRANITE QUARRY PLACER

situate in Helvetia

Mining District Pima County Arizona

in Section 35, Township No. 17 S., Range No. 15 E., Unapproved, and

designated as Survey No. 4138, 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 his grantors, and that said improvements consist of 2 quarries, total value \$11,500.

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.

4-687

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

November 26, 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 \_\_\_\_\_

M. W. Jones

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

AZTEC GRANITE QUARRY PLACER

situate in Helvetia mining district,

Pima County, Arizona

in Section 35, Township No. 17 S., Range No. 15 E., Unapproved

\_\_\_\_\_, designated as Survey No. 4138

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

Surveyor, October 14 - 15, 1930, under my instructions dated

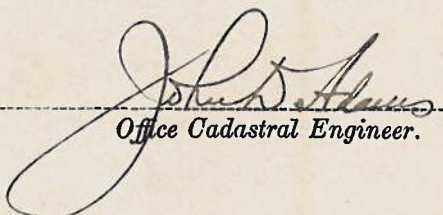
September 23, 1930, have been critically examined and the necessary

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.