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701

(4-683.)

Mineral Survey No. 996.

Lot No. 574.

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Guma Copper & Silver Mining Company
KNOWN AS THE
"Little Chute"

Harwar Mining District,

Maricopa County, Arizona

Section _____, Township 8 N, Range 10 W

Surveyed under instructions dated April 10th, 1891.

by Frank Nicholson

U. S. Deputy Mineral Surveyor.

Claim located February 22nd, 1886

Survey commenced April 27th, 1891.

Survey completed May 16th, 1891.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Frank Obermiller and B. Matthews,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of The Yuma Copper and Silver
Mining Company, known as the
"Little Chute"
situate in Maricopa mining district,
Maricopa County, Arizona,
in Section _____, Township No. _____, Range No. _____

Frank Obermiller, Chainman.
B. Matthews, Chainman.

Subscribed and sworn to by the above-named persons before
me this 24th day of April, 1891.

Frank Nicholson,
Notary Public

I, Frank Strauer, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of The Yuma Copper and Silver
Mining Company
known as the "Little Chute",
more fully described in the preceding affidavit.

Frank Strauer, Axeman.

Subscribed and sworn to by the said Frank
Strauer before me this 24th day of
April, 1891.

Frank Nicholson,
Notary Public.

I, O. M. Smith, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of The Yuma Copper and Silver
Mining Company
known as the "Little Chute",
more fully described in the preceding affidavit.

O. M. Smith, Flagman.

Subscribed and sworn to by the said O. M. Smith
before me this 24th day of
April, 1891.

Frank Nicholson,
Notary Public.



Feet.

Field Notes

of the Survey of the
Little Chute Mining Claim
in the Harcuwar Mining District, Maricopa County,
Arizona.

Claimed by the Yuma Copper and
Silver Mining Company.

Surveyed by Frank Nicholson,
U. S. Deputy Mineral Surveyor, under
instructions from the Surveyor Gen-
eral, of date, April 10, 1891.

Survey commenced, April 27, 1891.

Survey completed, May 16, 1891.

Description of Survey.

Beginning at the initial mon.
mentioned in location notice,
and marking the Easterly end
center of claim, where I set
a post, 4 ft. long and 4 ins. x
4 ins. in section, 1 1/2 ft. in
ground and surrounded same
with a mound of stones. Post
marked L. C. J. M. No. 1.

U. S. L. C. Mon. No. 1 brs. S. 77° 42' W. 4742 ft.

Thence S. 14° 7' W.

Var. 13° 3' E.

300 To loc. mon. where I set
a post 4 ft. long and 4 ins. x
4 ins. in section, 1 1/2 ft. in
ground and surrounded same
with a mound of stones. Post
marked L. C. No. 2.

Thence N. 75° 53' W.

Var. 13° 3' E.

1500 To loc. mon. where I set
a post 4 ft. long and 4 ins. x 4 ins.
in section, 1 1/2 ft. in ground
and surrounded same with a
mound of stones. Post mark-
ed L. C. No. 3.

Thence N. 14° 7' E.

Var. 13° 3' E.

Feet.

300

To loc. mon. for Westerly
End centre of claim, where
I set a post 4 ft. long and
4 ins. x 4 ins. in section, $1\frac{1}{2}$ ft.
in ground and surrounded
same with a mound of
stones. Post marked L.C. No. 4.
Thence N. $14^{\circ} 7' E.$ (Same Course).

Var. $13^{\circ} 3' E.$

300

To loc. mon. where I set
a post 4 ft. long and 4 ins.
x 4 ins. in section, $1\frac{1}{2}$ ft. in
ground and surrounded same
with a mound of stones.
Post marked L.C. No. 5.

The S.E. cor. of the Bald
Eagle claim brs. N. $66^{\circ} 58' W.$ 19.3 ft.
(a post marked B.E. No. 5).

Thence S. $75^{\circ} 53' E.$

Var. $13^{\circ} 3' E.$

760

To intersection of the West-
erly side-line of the Oneida
claim, N. $31^{\circ} 28' W.$ 450 ft. from
the S.W. cor. of said claim
(a post marked O. No. 2).

1390

To intersection of Southerly
end line of the Oneida claim,
S. $58^{\circ} 32' W.$ 159.1 ft. from S.E.
cor. of said claim (a post
marked O. No. 6).

1500

To loc. mon. where I set
a post 4 ft. long and 4 ins.
x 4 ins. in section, $1\frac{1}{2}$ ft. in
ground and surrounded same
with a mound of stones. Post
marked L.C. No. 6.

The S.E. cor. of the Oneida
claim brs. N. $14^{\circ} 37' E.$ 113.6 ft.
(a post marked O. No. 6).

Thence S. $14^{\circ} 7' W.$

Var. $13^{\circ} 3' E.$

Feet

300

To mon. and post L. C. J. M.
No. 1, place of beginning.

Area.

Total area of Claim	20.66 acres.
Less area in conflict with the Oneida Claim not claimed	<u>2.27 "</u>
Net area claimed	<u><u>18.39 "</u></u>

Location.

This claim is located on
unsurveyed land on the S. E.
slope of the Harewar Mount-
ains, 37 miles N. W. of Vulture,
10 miles N. of Cullens Wells
and 10 miles N. of the
Black Tank Mountains.

Improvements.

Made upon this claim by claim-
ant consist of disc. shaft
5 ft. x 8 ft. and 15 ft. deep,
N. $75^{\circ} 53'$ W. 550 ft. from
Post L. C. J. M. No. 1.

Besides the work above men-
tioned the claimant has e-
rected a 50-Ton copper smelt-
ing plant with office, en-
gineer's cottage and boarding
house, costing, in the aggre-
gate, \$25,000⁰⁰ and has con-
structed a 3-inch, standard,
wrought iron pipe line, $7\frac{1}{2}$ miles
long, to convey water from the
Harewar Mountains to said
smelting works at a cost
of \$32,000⁰⁰.

These works were built
for the purpose of treating
the ore from this and 32
other claims belonging to
claimant.

And I hereby certify that

the value of improvements on this claim, exceeds the sum of five hundred dollars.

No improvements have been made by other parties on this claim.

Instruments used, an improved Blattner and Adam Mountain transit and metallic tape.

Var. found by observation of the polar star when on meridian; also by azimuth of North Star.

Frank Nicholson,
U. S. Deputy Mineral Surveyor.
Hacienda, Ariz.,
May 16, 1891.

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Affidavit of Five Hundred Dollars Improvements.

We, Jos. L. Obermuller and John Harvey
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the
"Little Chute" mining claim, situated in
Harawan Mining District, Maricopa County,
Arizona Territory, for which The Yuma Copper and Silver Mi-
ning Company
has made application for survey prior to application for patent under the provisions of the Act of
Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the
applicant and W grantor S exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

Jos. L. Obermuller

John Harvey

TERRITORY OF ARIZONA,

County of Maricopa } ss.

SWORN to and subscribed before me, this 16th day

of May 1891

Frank Nicholson,
Notary Public.



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Frank Nicholson
 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 The Yuma Copper and Silver Mining Company
 known as the "Little Chute"
 and showing the respective capacities in which they acted.

Frank Nicholson , Chainman.
B. Matthews , Chainman.
Frank Straver , Axman.
O. M. Smith , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Frank Obermiller, B. Matthews, Frank Straver
 and O. M. Smith , do solemnly swear that we assisted Frank
Nicholson , United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Yuma Copper and
Silver Mining Company
 , known as the "Little Chute"
 , 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 .

Frank Obermiller , Chainman.
B. Matthews , Chainman.
Frank Straver , Axman .
O. M. Smith , Flagman.

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

this 20th day of May , 1891.

Frank Nicholson
 Notary Public



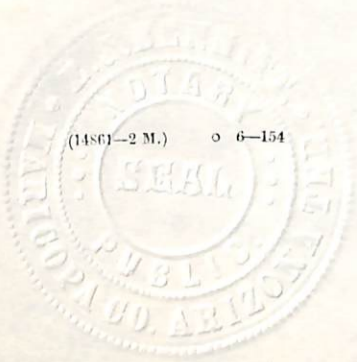
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Frank Nicholson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 10th, 1891, 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 The Yuma Copper and Silver Mining Company, known as the "Little Chute", situate in Marcuar Mining District, Maricopa County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 996. Sub 54, 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~~ 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.

Frank Nicholson
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Frank Nicholson,
U. S. Deputy Mineral Surveyor, before me _____
this 20th
day of May, 1891.

E. J. Bennett
Notary Public



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OK

Notice of Location
Of the Little Chute Mining Claim
On the Quartz Ledge, containing
Copper and Silver and located
as a Copper Quartz Mine.

The undersigned, claim for
Mining purposes, Fifteen
Hundred (1500) Feet of this
Quartz Ledge, in length along
the ledge or vein, and Three
Hundred (300) Feet on each
side of the middle of the vein
at the surface, together with
all dips, spurs and angles,
and all valuable mineral
deposits contained therein,
and all timber growing within
the limits of said Claim, and
all water and water privileges
thereon or appurtenant thereto,
under and according to the
provisions of An Act of Congress,
approved May 10th 1872, entitled
"An Act to Promote the Develop-
ment of the Mining Resources of
the United States," and all
Acts amendatory thereto, and
the laws of the Territory of Arizona.
This Claim commences at
this notice, which is posted
in a Monument of Stone in
a conspicuous place on the

ledge at the East boundary of
the claim, and running
thence three hundred (300)
feet in a southerly direc-
tion to a Monument of Stone
and a Stake marked South
East corner; thence fifteen
hundred (1500) feet in a
Westernly direction to a Monu-
ment of Stone and a Stake
marked South West corner;
thence three hundred (300)
feet in a northerly direc-
tion to a Monument of Stone
and a Stake marked West
End Center Monument West End
boundary; thence three hundred
(300) feet in a southerly di-
rection to a Monument of Stone
and a Stake marked South
West corner; thence fifteen hun-
dred (1500) feet in an Easternly
direction to a Monument of
Stone and a Stake marked
South East corner; thence three
hundred (300) feet in a South-
erly direction to the place
of beginning.

This claim may be more
generally described as situated
in the Harcuwar Mountains,
Yuma County, Arizona Territory.

about nine miles Northwest of Cullen's Wells, about 500 feet West of the Queda Mine.

This Claim was formerly known as the Grand Chute, and shall be known as the Little Chute Claim, and the Claim was.

Dated on the ground this 22nd day of Feb. A.D. 1886.

Signed,

Geo. Haulin

Tom Sherman

Witnesses

Recorded at the request of

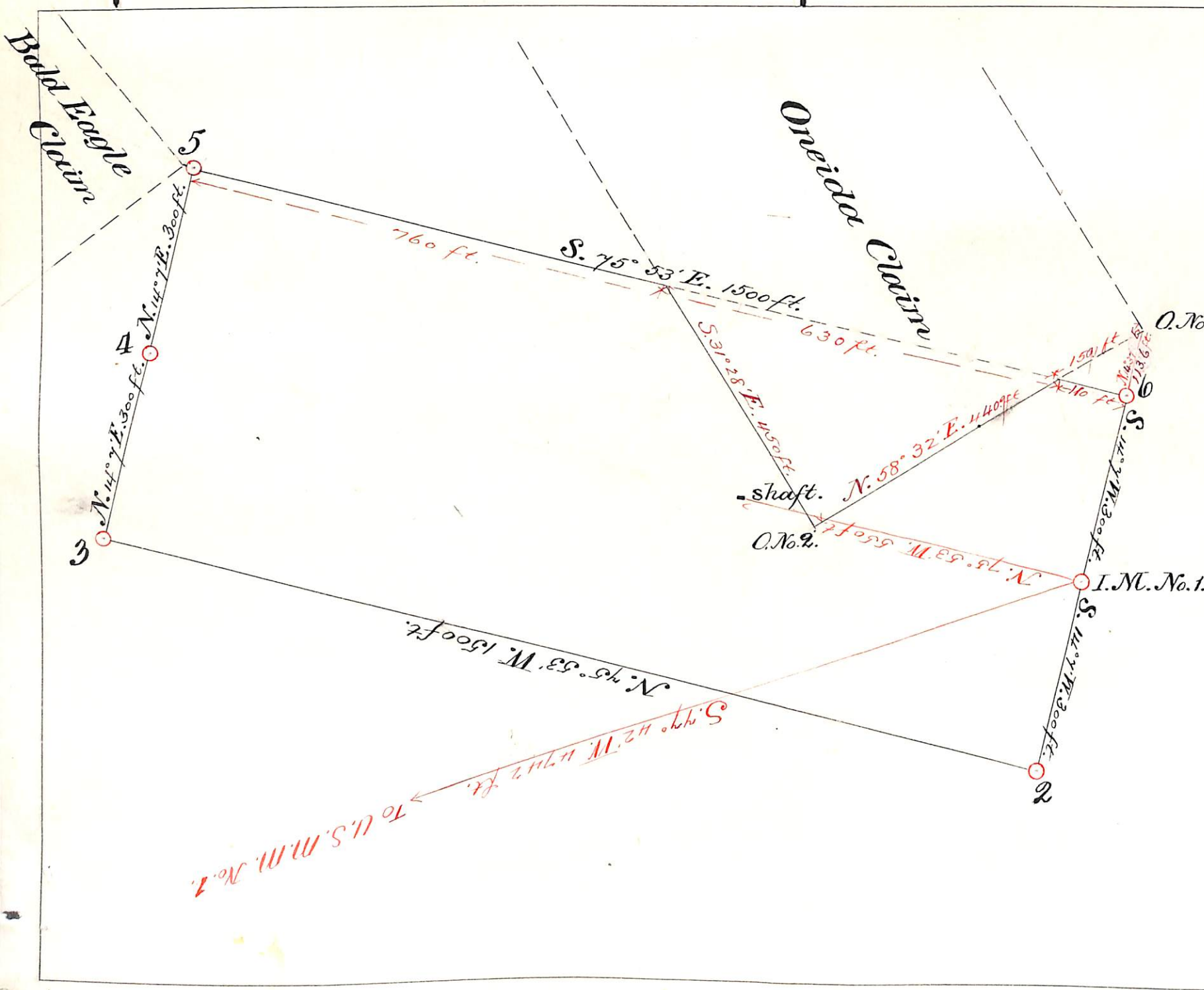
Co. Recorder.

Territory of Arizona
County of Yuma

I J. L. Redondo County Recorder in and for said County and Territory, do hereby certify that the within is a true and correct copy of the Little Chute Mine, as the same appears of record in the Records of my office in Book "E" of Mines at pages 219 & 220

Witness my hand official Seal this 14th day of March A.D. 1891.

J. L. Redondo
County Recorder



PLAT
of the survey of the
LITTLE CHUTE

Mining Claim
in the Harcuvar Mining
District, Maricopa Coun-
ty, Arizona.

Claimed by The Yuma Cop-
per and Silver Mining
Company.

Surveyed by
Frank Nicholson,
U.S. Deputy Mineral Sur-
veyor, under instructions
from the Surveyor Gen-
eral, of date, April 10th 1891.

Scale 1 in. = 200 ft.
Variation 13° 3' E.

(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,

Meson, Arizona
December 30th, 1891.

I, U. S. Surveyor General for

Arizona Territory,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of

The Yuma Copper and Silver Mining Company

known as the

"Little White"

situate in

Maricopa mining district,
Maricopa County, Arizona

in Section _____, Township No. _____, Range No. _____

and designated as Survey No. 996. Lot No 54

executed by

Frank Nicholson, U. S. Deputy Mineral Surveyor,

April 27th to May 16th 1891, under my instructions dated

April 10th 1891, 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. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Russell Johnson
U. S. Surveyor General for Arizona

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 996
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Little Chute lode, Mineral Survey No. 996, located in section 11, Township 8 North, Range 10 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Little Chute lode, M.S. 996, was canceled April 22, 2002, by memo 9605 (956) M.S. 996, which is now a part of the original field notes."

April 22, 2002
Date



Chief Cadastral Surveyor of Arizona