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LOT NO. 57

Survey No 433

Field Notes

of the survey of the

O'Dougherty

Mining Claim

Situate in Globe mining district,

County of Gila and in Sec. 7, Tp. 12

Range 16 E, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Takonia Copper Company

Survey executed by Solon M. Allis U.S. D. S.

Under instructions dated November 15th 1882

Survey commenced November 20th 1882

Survey completed November 20th 1882

C. Dougherty

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, *Chauncey Hulbert* and *Thomas Mullett*

do solemnly swear that we will faithfully execute the duties of Chain Carriers: that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

Chauncey Hulbert
Thomas Mullett

SWORN to and subscribed before me, this *20th* day
of *November*, 188*2*

Solon M. Allen
Notary Public
Pima Co. A.T.

I, *Harry Zschaechner*

do solemnly swear that I will well and truly perform the duties of *Chainman*
according to instructions given me,

and to the best of my skill and ability.

Harry Zschaechner

SWORN to and subscribed before me this *20th* day
of *November*, 188*2*

Solon M. Allen
Notary Public
Pima Co. A.T.



Field Notes
Of the Survey of the
O'Dougherty Mine
Situating in
Globe Mining District
Gila Co. A.T.

Survey Made under Order of
Surveyor General J. W. Robbins.
dated Nov 15th 1882.

Commenced and Completed
November 20th 1882.

By
Solon McAllis
U. S. Deputy Surveyor.

Survey No H 33
Lot 57

Fut

Field Notes of Survey of the
O. Dougherty Mining Claim
Globe Mining District Gilkes N.J.

Commenced at Initial Monument
at center of South ^{westly} End of Claim
where Notice of Location was placed -
I set a pine post 3x3 inches square
5 ft high marked O.D. N^o I. and
built a monument of stones around
it three feet high - This monument
being on a rock just at edge of open
cut and shaft at bottom of same - said
cut & shaft on the East side of the
Post.

300

Thence I ran S 51° 30' E

Variation by Observation of
Polaris 13° 30' E -

Along S.W. End boundary of Claim
this also being the N.E. End boundary
of the Big Johnny Mining Claim -
To the S.E. Corner of Claim where
I set a cedar post 3x3 inches sq. at
the top - marked O.D. N^o II - Post
5 ft long and set 1 1/2 feet in the
ground - this also being the N.E.
Corner of the Big Johnny Mining
Claim - and built a monument of
stones 2 1/2 ft high around it from
which U.S. Mineral Monument N^o 2
Globe Mining District bears S 1° 40' W
Distant 4095 feet -

Shaft N^o 2 bears N 9° 05' W Dist 315 ft

Shaft N^o 3 bears N 6° 16' W Dist 340 ft.

Thence I ran N 31° 30' E

1500

Var 13° 30' E

Along S.E. side boundary of Claim
To N.E. Corner of same this
also the S.E. Cor of the Kennedy
Claim where I set a cedar post
3x3 inches sq at top & 5 ft high

Feet

Field Notes of Survey of the O. Dougherty
Mining Claim Globe Mining District
Gila County A.T.

Marked O.D. N^o. III. and built
a monument of stones 2 1/2 feet high
around it. Post on a rock. no hole could be made.

300

Thence Iron N 51° 30' W
Var 13° 30' E

Along N.E. End boundary of
claim this also being the S.W.
End boundary of the Kennedy
claim - to Center of N.E. end of
claim where I set a cedar post
4 feet high 4x4 inches sq marked
O.D. N^o. IV. and built a monument
of stones 2 1/2 feet high around it.

300

Thence Iron N 31° 30' W (300 ft)
Var 13° 30' E

Along N.E. end boundary to
N.W. Corner of claim where I
set a cedar post 4x4" sq and
4 1/2 ft high in rocky ground at
east side of trail - post marked
O.D. N^o. V. and built a monument
of stones 2 1/2 ft high around it.
This also the S.W. Corner of the Kennedy
claim -

1500

Thence Iron S 31° 30' W
Var 13° 30' E

Along N.W. side boundary of claim
to S.W. Corner this also the N.W.
Cor of ^{the} Big Johnny Mining claim
where I set a cedar post 4x4 inches
sq 4 1/2 ft high marked O.D. N^o. VI.
at foot of large Boulder a rock 6 ft
high 10 ft long and 7 ft wide
approx - and built a monument
of stones 2 1/2 feet high around it

300

Thence Iron S 51° 30' E
Var 13° 30' E

Feet

Field Notes of Survey of the O. Dougherty
Mining Claim Globe Mining District
Gila County A.T.

Along S.W. End boundary of claim
to place of beginning - This
survey is identical with a former one
as per notes furnished.

General Description.

This claim lies on a high hill about
two miles ^{and a half} in a Northerly direction
from Globe - said hill being a
high ridge or foot hill coming
down from a higher peak situated
about half a mile Easterly called by
some the black peak and by others
the Chignus Peak - and is bounded
on the North East by the Kennedy
Claim - and on the S.W. by the
Big Johnny Mining Claim -

Shuff, Certifies that

The improvements made by the
Applicants and their grantors

Consist of one half of a
Shaft No 1 - 110 ft Deep 4x6 ft
said shaft being on the dividing line
between the two claims O. Dougherty
& Big Johnny -

Shaft No 2 - 4x6 - 70 ft deep

Shaft No 3 - 4x6 - 10 ft deep

also an open cut or Initial Monument
25 ft deep and 19 ft long - by 5 ft wide
from the bottom of which the shaft
above described is started -

Said Improvements costing
More than \$500. or required -

Said claim contains 20.45 Acres
Survey made with a Buff. & Beau Transit -

Solon W. Allen

U.S. Deputy Mineral Surveyor -

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & MILL SITES.

A LIST of names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The O. Dougherty Mining Claim located in Globe Mining district, Gila County, Arizona, showing the respective capacities in which they acted.

Chauncey Hurlbut Chainman.
Thomas Mullett Chainman.
Harry Zschaegner Axeman.
Harry Zschaegner Flagman.

WE hereby certify that we assisted Solon M. Allis U. S. Deputy Surveyor, in surveying The O. Dougherty Mining Claim claimed by The Sakama Copper Company located in Globe Mining District, Gila County, and in township No. _____ Range No. _____ of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments placed according to the instructions furnished by the Surveyor General.

Chauncey Hurlbut Chainman.
Thomas Mullett Chainman.
Harry Zschaegner Axeman.

SWORN TO AND SUBSCRIBED before me this 20th day of November 1882

Solon M. Allis
Notary Public
Pima Co. A.T.

I, Solon M. Allis U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 15th day of November 1882, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The O. Dougherty Mining Claim claimed by The Sakama Copper Company located in Globe Mining District, Gila County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field notes of such surveys.

Solon M. Allis Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 25th day of November 1882

W. L. Estes
Notary Public
Pima County
Arizona

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *Harry Zschaegner* and *Thomas Mullett*
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
O. Dougherty
mining claim, situated in
Globe Mining District, *Gila* County, Arizona
Territory, for which *The Dakota Copper 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 appli-
cant and grantor exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

Harry Zschaegner
Thomas Mullett

TERRITORY OF ARIZONA,
County of *Gila* } SS.

SWORN to and subscribed before me, this *20th* day
of *November* 188*2*

Solon M. Allis
Notary Public
Pinal Co. A.T.

Notice of the Location of the
O'Dougherty Mine.

Notice is hereby given that
I the undersigned have this
day located an claim of one
thousand five hundred feet
in length, and six hundred
yards in width, upon this
ledge, lode or metal bearing
vein bounded as follows:

Beginning at this Notice and
monument and running the
line South East by East
three hundred feet, thence
North East by North one thou-
sand five hundred feet,
thence North West by South
one thousand five hundred
feet, thence South East by
East, to the place of beginning.
I claim all rights and privi-
leges allowed by the mining
Laws of the United States
and of this Territory of Ariz-
ona.

The initial monument of
this the O'Dougherty Mine is
placed upon the ledge on
lode at a point about one
half mile north of the old
fortified camp formerly

occupied by O'Daugherty,
 Rogers, Holmes and others,
 and about one mile from
 the Cottonwood tree and
 spring before said camp
 and near a direct line with
 the same, It is about one
 third of a mile westerly
 from the top of a high hill
 or peak, the South Eastern
 slope of which is covered at
 and near the summit with
 loose black rock, It is near
 a direct line with old camp
 Pinal and Pleasant valley,
 and is about ten miles East
 North East from the latter place,
 it is about eight miles
 North East of the timber belt
 of the North Eastern portion
 of the timbered range of the
 Pinal Mountains, in Pinal
 County Arizona.

All compass points herein
 named are magnetic points
 Pinal County William Hope
 Arizona Aug 16th 1875.

Witness

John H. Reed
 A. R. Hammond

Filed & Recorded at request of William

1
 2 Hope August 30th at 10 o'clock P.M.
 3 A.D. 1845

4 Book 1 of Mines

Page 77

6 Territory of Arizona ss.
 7 County of Pinal

8
 9 Jno. J. Herine,
 10 County Recorder in and for the
 11 said County of Pinal, do hereby
 12 certify that the above and fore-
 13 going is a full true and correct
 14 copy of the Notice of Location
 15 of the O'Dougherty Mine, situ-
 16 ated in Globe, ^{mining} District, County
 17 and Territory aforesaid, as the
 18 same appears of record in my
 19 office in Book 1 of Mines, at
 20 Page 77.



21 Witness my hand
 22 and official seal
 23 this the 20th day
 24 of October 1845
 25 Jno. J. Herine.

Recorder
 26 By W. M. Mason
 27 Deputy

28
 29
 30
 31
 32

Notice of Location.

Notice is hereby given, that the undersigned in compliance with the requirements of the mining Act of Congress, approved May 10th 1872. have this day, located and claim fifteen hundred linear feet along the course of the lead, lode or vein of mineral bearing quartz, and three hundred feet in width on each side, of the middle of said lead, lode or vein, situated in the Globe Mining District County of Pinal Arizona. and more particularly described as follows, to wit:

Commencing at this monument of stone, being the centre of the south end of claim, and upon which this notice is posted, thence East (300) feet to a monument of stone thence north (1500) feet to a monument of stone, thence west (300) feet to a monument of stone, being the centre of the north end of claim thence west (300) feet to a monument of stone, thence south (1500) feet to a monument of stone, thence east (300) feet to the place of beginning.

This claim comprises all of that

piece or parcel of mining ground
 known as the O'Daugherty Cop-
 per Mine, situated a short dist-
 -ance S.W. from Chimney Peak,
 and N. of the big Johnny Copper
 Mine, and shall be known as
 the O'Daugherty mine.

Created Febr. 28th 1879.

Witness } J. A. Hammond.
 A. P. Hammond } Nelson Palmer.

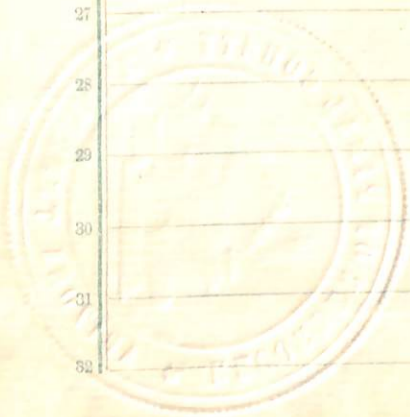
Filed & Recorded at request of
 N. P. Hammond April 24th 1879,
 at 3 o'clock P.M.

Book 3, of Mines

Page 292.

Territory of Arizona, ss.
County of Pinal

I, J. M. J. Herrie,
County Recorder in and for the
 said County of Pinal, do hereby
 certify that the above and fore-
 -going is a full true and correct
 copy of the Location Notice, of
 the O'Daugherty Mine, situated
 in Globe Mining District, County
 and Territory aforesaid, as



piece or parcel of mining ground
 known as the O'Laugherty Cop-
 per Mine, situated a short dist-
 -ance S.W. from Chimow Peak,
 and N. of the big Johnny Copper
 Mine, and shall be known as
 the O'Laugherty mine.

Located Febr. 28th 1879.

Witness } J. A. Hammond.
 A. H. Hammond } Milton Palmer.
 Filed & Recorded at request of
 N. H. Hammond April 24th 1879,
 at 3 o'clock P.M.

Book 3, of Mines Page 292.

Territory of Arizona } ss.
County of Pinal }

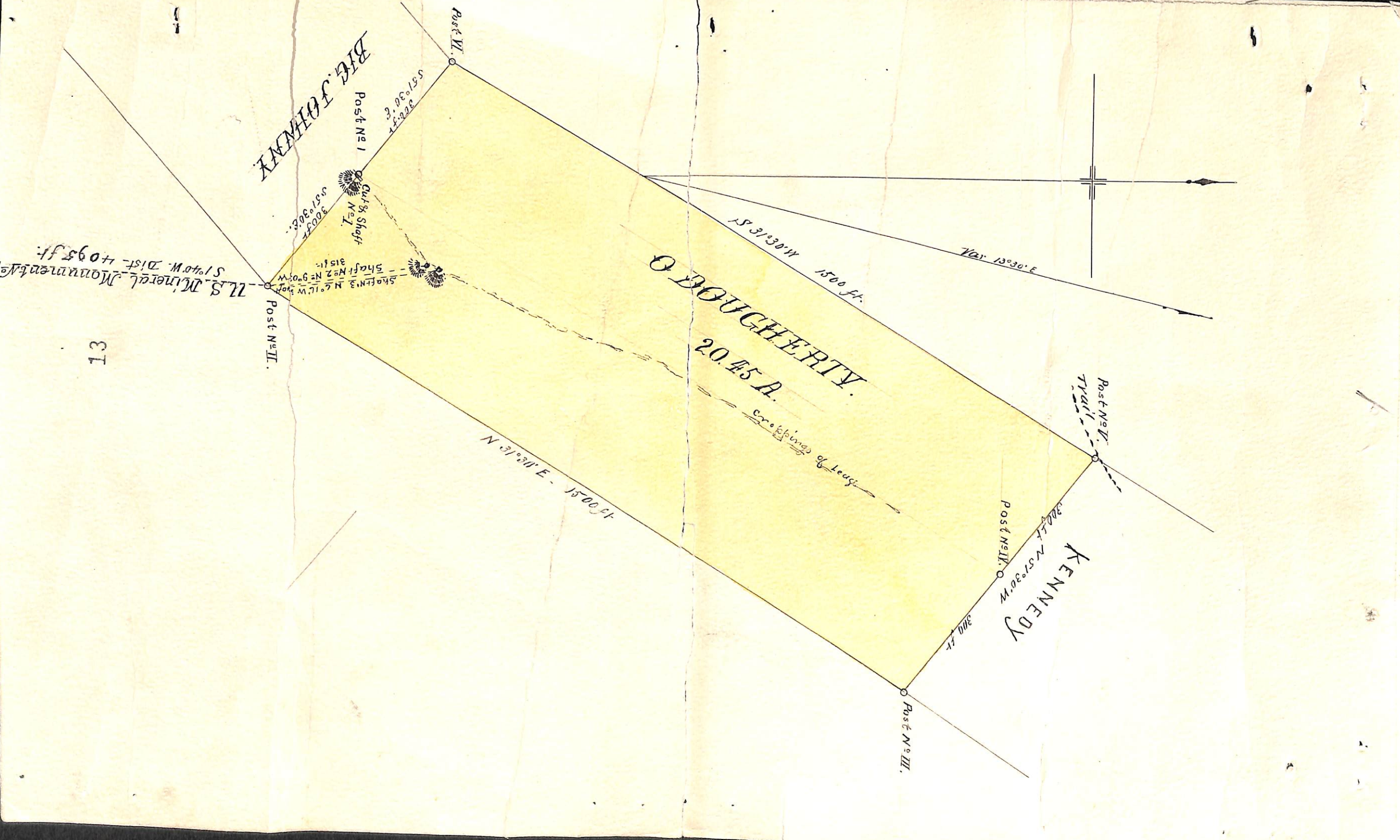
I, Geo. J. Herrine,
County Recorder in and for the
 said County of Pinal, do hereby
 certify that the above and fore-
 -going is a full true and correct
 copy of the Location Notice, of
 the O'Laugherty Mine, situated
 in Glade Mining District, County
 and Territory aforesaid, as
 the same appears of record
 in my office in Book 3,
of Mines, at Page 292.

Witness my hand



and seal this
 the day of
 October 1879.

Geo. J. Herrine Recorder
 By W. H. Moser Deputy.



BIG JOHNNY

Post No. I

Out & Shaft No. 1

O. DOUGHERTY
20.45 A.

KENNEDY

Post No. II.

Post No. IV.

Post No. III.

Post No. II.

SHAFT No. 3 N. 60° W. 30 ft.
SHAFT No. 2 N. 90° W. 315 ft.
900 ft. S 57° 30' E.

222 ft. S 57° 30' E.

1500 ft. S 31° 30' W.

1500 ft. N 31° 30' E.

300 ft.

300 ft. N 57° 30' W.

Var. 13° 30' E.

crop lines of Leary

U.S. Mineral Monument
S 1° 40' W. Dist. 4095 ft.

13

U. S. Surveyor General's Office.

Tucson, Arizona, December 6th 1882

The foregoing field notes of the survey of the O'Dougherty
Mining claim situate in
the Globe Mining District, Gila
County, Arizona, claimed by The Takona Copper Company
survey executed by Solon M. Allis Deputy
Surveyor, under instructions from this office, having been critically examined
and the necessary corrections and alterations made, the said field notes and
the survey they describe are hereby approved.

J. W. Robinson

Surveyor General.