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4-683.

MINERAL SURVEY No. 2528

LOT No. \_\_\_\_\_

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

W. B. Cole and A. Ver Mehr

KNOWN AS THE

Big Four

Owens

Mining District,

Mohave

County, Arizona

~~Section~~ Approximately Township 13 N., Range 13 W (unsurveyed)

Surveyed under instructions dated March 9th, 1908

by Herbert C. Shotwell

U. S. Mineral Surveyor.

Claim located August 10th, 1907

Survey commenced April 23rd, 1908

Survey completed April 24th, 1908

6-822

Address;

Curtis St. Lindley, Atty.,

Mills Bldg., San Francisco, Cal.

No. 1.

Feet

## MINERAL SURVEY No. 2528.

Big Four Lode.

Beginning at corner No. 1, identical with cor. No. 2 of Otsego Lode, ~~S. No. 2532~~ and cor. No. 6 of the Senator Lode, ~~L. No. 38-A~~, a pine post 4 in. square and 4 ft. long set 18 in. in the ground, surrounded by a substantial mound of rock, painted white and carved BF-1-2528 on S. face and O-2-2532 on E. face, with nail in top for exact corner point. I set this post in a mound of rock alongside an old post carved S. No. VI on N. face, from which U.S.M.M. No. 1 brs. N.  $13^{\circ}39'$  E., 1497.6 ft., a rock in place 6 x 5 x 4 ft. exposed, chiseled B+R. BF-1-2528, brs. S.  $6^{\circ}10'$  W., 28.30 ft., a rock in place 6 x 6 x 5 ft. exposed, chiseled B+R. BF-1-2528, brs. S.  $65^{\circ}34'$  E., 6.43 ft.,

Thence S.  $56^{\circ}42'$  W.,

94. Cross road, course northerly and southerly.
300. North end center, a mound of rock.
500. Cross gulch, course northerly and southerly.
600. Cor. No. 2, a pine post 4 in. square and 4 ft. long set 15 in. in the ground, surrounded by a substantial mound of rock, painted white and carved B.F.-2-2528 on E. face with nail in top for exact corner point, from which the N.E. cor. of old rock house brs. S.  $30^{\circ}55'$  E., 15 ft.
- No more bearings available.
- Thence S.  $34^{\circ}54'$  E.,
460. Cross gulch, course northerly and southerly.
610. Cross gulch, course northerly and southerly.
- 1487.7 Cor. No. 3, a pine post 4 in. square and 4 ft. long set 12 in. in the ground, surrounded by a substantial mound of rock, painted white and carved BF-3-2528 on N. face,

## No. 2.

Feet

nail in top for exact corner point, from which a rock in place 6 x 6 x 6 ft. exposed and chiseled B+R. BF-3-2528 brs. N. 18°46' W., 14.73 ft.

No more available bearings.

Thence N. 56°42' E.,

200. Cross gulch, course northerly and southerly.

300. South end center, a monument of stone.

600. Cor. No. 4, identical with Cor. No. 3 of Otsego Lode, Sur. No. 2532, and cor. No. 2 of Brooks Lode, Sur. No. 2531, a pine post 4 in. square and 4 ft. long set 18 in. in the ground, surrounded by a substantial mound of rock, painted white and carved BF-4-2528 on W. face, O-3-2532 on N. face, and B-2-2531 on E. face, with nail in top to mark exact corner point. No available bearings.

Thence N. 34°54' W.,

1057.7 Cross road, course northwesterly and southeasterly.

1487.7 Cor. No. 1, the place of beginning.

All corners are identical with their respective locations  
Mean magnetic declination 14° to E.

L e d g e .

The presumed course of the Big Four Ledge, as near as can be traced upon the ground, is as follows:

From a point on the line 1-2, 300 ft. S. 56°42' W., from cor. No. 1, S. 34°54' E., 1487.7 ft. to intersection of line 3-4.

I m p r o v e m e n t s .

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants, is not less than Five Hundred Dollars (\$500.00) and that said improvements consist of -

- No. 1 Discovery Shaft 6 x 4 x 10 ft. deep, which brs. from cor. No. 1 S. 79°40' E., 1142 ft.  
Value ..... \$100.00
- No. 2 Tunnel 6 x 4 x 41 ft., course N. 6° W., which brs. from cor. No. 1 S. 27°52' E., 1140 ft.  
Value ..... 400.00
- No. 3 Shaft 6 x 5 x 11.5 ft. deep, which brs. from cor. No. 1 S. 31°14' E., 960 ft.  
Value ..... 125.00

A r e a .

	Acres.
Total and net area of Big Four Lode.....	20.483

A d j o i n i n g   C l a i m s .

The only known claim adjoining the Big Four is the Otsego, Survey No. 2532, W. D. McWright and J. A. Logan, Claimants, which adjoins the Big Four on the east. The rest of the ground surrounding this claim, so far as known, is Public Domain and subject to entry.

L o c a t i o n .

This claim is located on unsurveyed land, approximately Township 13 N., Range 13 W., of the Gila and Salt River Base and Meridian, Owens Mining District, Mohave County, Arizona.

I n s t r u m e n t .

This survey was made with a C. L. Berger & Sons transit No. 1 C. The courses were deflected from the true meridian as determined by direct solar observation, checked on Polaris. The distances were measured with a 600 and 100 ft. steel tape.

Note.

I do not agree with the courses and the mineral monument tie of the Senator Lode, Lot. No. 38-A, and the courses shown on the accompanying preliminary plat were determined by me in the field from the actual corners on the ground, which still stand in good condition and properly marked according to the notes on file in your office.

The disagreements between these field notes and the field notes of the Senator lode, Lot. No. 38 A, are due to errors in the latter.

*Herbert C. Shattuck*

Deputy U. S. Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Herbert C. Shotwell

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

W.B. Cole and A. Ver Mehr

known as the Big Four

and showing the respective capacities in which they acted.

H. D. Campbell, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

I, H. D. Campbell

and ..... do solemnly swear that I assisted Herbert C.

Shotwell, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of W.B. Cole and A. Ver Mehr

known as the Big Four

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. D. Campbell, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 25<sup>th</sup>

day of August, 1908.

[Signature]  
Notary Public  
My Commission Expires  
May 13, 1912.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Herbert C. Sholwell, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 9th 1908, 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 W.B. Cole and A. Ver Mehr, known as the Big Four, situate in Owens Mining District, Mohave County, Arizona, in Section Approximately, Township No. 13 N., Range No. 13 W. (unsurveyed), and designated as Survey No. 2528, 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 their 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.

Herbert C. Sholwell  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Herbert C. Sholwell  
U. S. Deputy Mineral Surveyor, before me, a Notary Public  
this 27th  
day of August 1908

E. Mitchell  
Notary Public  
By Commission Expires  
May 13, 1912



Affidavit of Five Hundred Dollars Improvements.

We, James J. Hooper and Louis H. Bohle

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Green Big Four mining claim, situate in Owens Mining district, Mohave County, Arizona Territory, for which W. B. Cole and A. W. Mehl

have 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 applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. T. Hooper  
Louis H. Bohle

TERRITORY OF ARIZONA, }  
County of Mohave } ss:

Sworn to and subscribed before me, this 28th day of April, 1908



R. A. Whelan  
Notary Public

27680b1m2-07

My commission expires Aug. 8, 1911

# NOTICE OF MINING LOCATION

## LODE CLAIM

### To All Whom It May Concern:

This Mining Claim, the name of which is the Big Four 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 purposes of exploration and purchase by

W. B. Cole and A. Ver Mehr

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 12<sup>th</sup> at 1 P.M. day of August 1907

The length of this claim is fifteen hundred feet (1500) feet, and we claim six hundred feet in a northerly direction and nine hundred feet in a Southerly 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 to the South

The claim is situated and located in the Owens Mining District, in Mohave County, in the Territory of Arizona, about 3000 in a Southerly direction from the U.S. Mineral Monument No. 1 on McCracken Hill.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at the north end center

at a point in a Northerly direction 600 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence 300 feet to a stone monument being the North East corner of said claim; thence 1500 feet to a stone monument being at the South East corner of said claim; thence 300 feet to a Westerly at the center of the South end of said claim, thence 300 feet to a Westernly being at the South West corner of said claim; thence 1500 feet to a stone monument at the North West

corner of said claim; thence 300 feet to the place of beginning. This claim was located as abandoned claim known as the Galena by W. B. Cole and A. Ver Mehr for Arizona being the former locators located May 8 1907. All done under the provisions of Chapter Six, of Title XXXII, 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 12<sup>th</sup> at 1 P.M. day of August 1907  
Witness Joseph Brown.  
W. B. Cole  
A. Ver Mehr

Filed and recorded at request of W. B. Cole this 15<sup>th</sup> day August 15<sup>th</sup> A. D. 1907, at 9 o'clock A. M. Book Y Page H 22.  
Thos. M. Mearns  
County Recorder.

TERRITORY OF ARIZONA, }  
COUNTY OF MOHAVE. } ss.

I, Thos. McNeely Recorder of Mohave County, Territory of Arizona, do hereby certify that I have compared the foregoing copy of notice of Mining Location of the "Big Four" Mining Claim and of its amendment thereupon with the original records of the same on file in this office, and that the same are correct transcripts therefrom and of the whole of said original records.



WITNESS my hand and the seal of said office, this 29<sup>th</sup> day of February 1908

Thos. McNeely  
Recorder of Mohave County.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

September 29, 1908.

I, U. S. Surveyor General for District of Arizona,  
do hereby certify that the foregoing transcript of the Field Notes, return and approval  
of the Survey of the mining claim of

W. B. Cole and A. Ver Mehr

, known as the BIG FOUR

, situate in Owens

Mining District, Mohave County,

in Section Approx., Township No. 13 N;

Range No. 13 W., Unsur., and designated as Survey

No. 2528, 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 their grantors, and  
that said improvements consist of 2 shafts and 1 tunnel, total value  
\$625.00

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 S. Ingalls,

United States Surveyor General for Arizona.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

September 29, 1908.

I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the Survey of the mining claim of W. B. Cole and A. Ver Mehr, known as the BIG FOUR, situate in Owens Mining District, Mohave County, in Section Approx., Township No. 13 N; Range No. 13 W., Unsur., and designated as Survey No. 2528, 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 their grantors, and that said improvements consist of 2 shafts and 1 tunnel, total value \$625.00

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 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,

September 29, 1908.

I, U. S. Surveyor-General for District of Arizona

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

W. B. Cole and A. Ver Mehr

, known as the

BIG FOUR

situate in Owens mining district,

Mohave

County,

Arizona

in Section Approx., Township No. 13 N., Range No. 13 W., Unsur.

, designated as Survey No. 2528

executed by Herbert C. Shotwell, U. S. Deputy Mineral

Surveyor, April 23 - April 24, 1908, under my instructions dated

March 9, 1908, have been critically examined and the necessary cor-

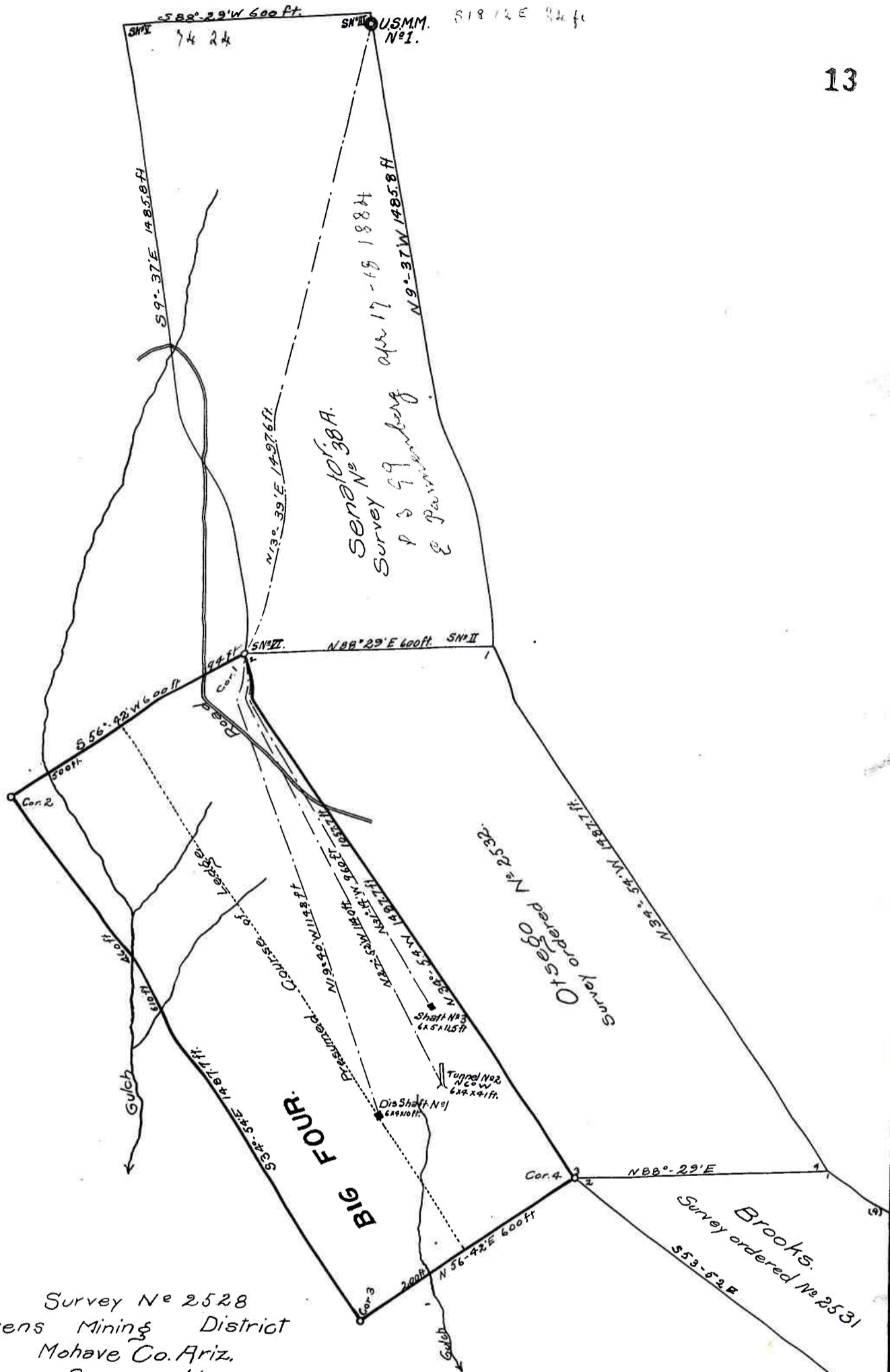
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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 P. Ingalls*

U. S. Surveyor-General for Arizona



Survey No 2528  
 Owens Mining District  
 Mohave Co. Ariz.  
 Surveyed by  
 Herbert C. Shotwell - Dep. U.S. Minl. Surveyor.  
 Scale 1 in = 300 ft  
 Surveyed April 23rd-24th-1908

Approximately in  
 T. 13 N., R. 13 W  
 Unsurveyed.