

**M
S
.**

0

2

0

6

0

MAY 5 - 1905
Recd. 5/3/05

Deposited by amt
5/13/05

(4-683.)

Mineral Survey No. 2060.

Lot No.

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Arizona Mining and Development Co.

KNOWN AS THE

Mammoth, Black Jack and Constance Craig

Vulture Mining District,

Maricopa County, Arizona.

Section 16 & 21, Township 6 North, Range 4 West unsurveyed

Surveyed under instructions dated April 17, 1905

by Francis B. Jacobs.

U. S. Deputy Mineral Surveyor

Claim located See location notices., 1

Survey commenced May 1, 1905., 1

Survey completed May 2, 1905., 1

Address of Company,

E. Payne Palmer, Sec'y.

23 East Adams Street,

Phoenix, Arizona.

*This is omitted
Areas to be corrected
Ledges " " "*

S U R V E Y No. 2060.

BLACK JACK LODE.

Beginning at Cor.No.1,

Identical with the N.E.Cor.of the location,

A Quartz stone 16x12x10 ins. set 10 ins.in the ground
chiseled B.J.1, 2060, and raise mound of stone 2½ ft
base 2 ft high West of Cor. Whence

The Cor.of Secs.15,16,21 and 22, T.6 N., R.4 W. bears
N. 83° 30' E. 1234 feet dist.

No other bearings available.

Thence N.86° W.

1500. To Cor.No.2,

Identical with the N.W.Cor.of the location,

A Lime stone 18x8x3 ins. set 12 ins.in the ground,
chiseled B.J.2,2060, and raise mound of stone 2½ ft base
2 ft high East of Cor.

No bearings available.

Thence S. 4° W.

500. To Cor.No.3;

A Volcanic stone 24x12x6 ins. set 16 ins.in the ground,
chiseled B.J.3-2060, and raise mound of stone 2½ ft base
2 ft high West of Cor. No bearings available.

The S.W.Cor.of the location bears S.4°W. 120 ft.

Thence S.83° 43'E.

1501.2 To Cor.No. 4,

A Red Volcanic stone 24x12x8 ins.set 16 ins. on the ground
chiseled B.J.4-2060,
The S.E.Cor.of the location bears S.83°43'E. 37 ft.

No bearings available.

-2-

- Feet.
- Thence N. 4° E.
560. To Cor. No. 1, the place of beginning.
- M A M M O T H L O D E .
- Beginning at Cor.No.1.
- Identical with the S.W.Cor.of the location and Cor.No. 1 Black Jack lode, this survey.
- I chisel M. 1 on the N.W.face of the stone already set, Whence, The Cor.of Secs. 15, 16, 21 and 22; T.6 N., R. 4 W. bears *N.83°30'E. 1234 ft.*
- Thence N.86° W.
1500. To Cor. No.2.
- Identical with the S.W.Cor.of the location and Cor.No.2 Black Jack lode this survey.
- I chisel M.2 on N.E.face of the stone already set.
- Thence N.4° E.
271. To W. end center location monument.
571. To Cor. No. 3.
- A Volcanic stone in place, 6x15x10 ins.above ground, chiseled M.3-2060.
- I raise mound of stone 2½ ft base 2 ft high W. of Cor. The N.W.Cor.of the location bears N.4°E. 65 ft dist.
- No bearings available.
- Thence S. 86° 32' E.
- 1500.06 To Cor. No.4.
- A Lime stone 18x12x5 ins. set 12 ins.in the ground chiseled M.2-2060, I raise mound of stone 2½ ft base 2

-3-

Feet.

ft high N.E. of Cor. No bearings available.

Thence S. 4° W.

585. To Cor.No. 1, the place of beginning.

C O N S T A N C E C R A I G L O D E .

Beginning at Cor.No.1;

Identical with the S.E. Cor. of the location,

A Quartz stone 24x12x8 ins. set 16 ins. in the ground,
 chiseled C.C.1-2060, I raise mound of stone 3 ft base 2½
 ft high, W. of Cor; whence the Cor. of Secs. 15, 16, 21 and
 22, T. 6 N., R. 4 W. bears N. 76° 42' E. 2842 ft dist.

Thence N. 4° E.

120. To Cor.No. 3, Black Jack lode this survey,

620. To Cor. No. 2 Black Jack and Mammoth lodes, this survey,

1191. To Cor. No. 3 Mammoth lode this survey.

1500. To Cor. No. 2;
 Identical with the N.E. Cor. of the location.
 A Malpais stone 16x8x5 ins. set 12 ins. in the ground
 chiseled C.C.2-2060, I raise mound of stones 2½ ft base
 2 ft high N.E. of Cor. No bearings available.

Thence N. 89° 15' W.

428. To Cor. No. 3.

A Quartz stone 14x8x6 ins. set 10 ins. in the ground
 chiseled C.C.3-2060, I raise mound of stone 2½ ft base
 2 ft high S.E. of Cor.

The N.W. Cor. of the location Bears N. 3° 19' E. 23 ft
 No bearings available.

Thence S. 3° 19' W.

-4-

Feet.

1499.9 To Cor. No. 4;

A Granite stone 15x8x6 ins. set 10 ins. in the ground
chiseled C.C. 4-2060, I raise mound of stone 2½ ft base
2 ft high N.W. of Cor. Whence,

The S.W. Cor. of the location bears S. 89° 15' W. 116 ft.

No bearings available.

Thence S. 89° 15' E.

410. To Cor. No. 1, the place of beginning.

Variation at all corners 14° 35' E.

A R E A .

Total and net area Black Jack Lode 18.248 Acres. ✓

Total and net area Mammoth Lode..... 19. ~~800~~⁹⁰¹ "

Total and net area Constance Craig Lode. 14.408 "

Total and net area Lode claim..... 52. ~~55~~⁵⁵⁷ Acres.

L O C A T I O N .

This claim is located on the S.E.¼ of Sec. 16, and
the N.E.¼ of Sec. 21, T. 6 N., R. 4 W. of the Gila and
Salt River Base and Meridian. *unsurveyed. In
Uttah Mining District, Maricopa Co. Ariz*

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improve-
ments upon this claim, placed thereon by the claimants
and their grantors, is not less than five hundred
dollars per location, and that said improvements
consist of:

Black Jack Lode

-5-

Discovery

No. 1. The ~~main~~ shaft ~~of the Black Jack lode~~, which bears from Cor. No. 3, N. 61° 30' E. 540 ft, 4x6 ft 125 ft deep with drift running west along the lead 200 ft,

Value.....\$4.875

No. 2. A shaft, ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 52° 10' E. 408 ft, 4x6, 60 feet deep,

Value.....\$ 720

No. 3. A shaft ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 59° 30' E. 490 ft, 5x6, 30 ft deep,

Value.....\$ 300

No. 4. A cut ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 57° 10' E 460 feet, 40 ft long, 8 ft at face

Value.....\$ 200

No. 5. A shaft ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 64° 15' E. 575 ft 4x6, 30 ft,

Value.....\$300

No. 6. Shaft ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 63° E. 555 ft, 4x6 ft, 20 ft deep

Value..... \$ 200

No. 7. A shaft ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 68° 30' E. 685 ft, 4x6 ft 16 ft deep

Value..... \$ 160

No. 8. A shaft ~~on the Black Jack lode~~, which bears from Cor. No. 3, N. 72° E. 870 ft, 4x6 ft, 8 ft deep

Value.....\$ 80

No. 1 Constance Craig.

No. 1. The discovery cut ~~on the Constance Craig lode~~, which bears from Cor. No. 1, N. 20° 45' W. 260 ft, 12 ft long, 8 ft face

Value.....\$ 50

No. 2

No. 10. A shaft ~~on the Constance Craig lode~~, which bears from Cor. No. 1, N. 13° W. 310 ft, 4x6 ft, 10 ft deep

Value..... \$ 100

Note:-- 40 ft of the drift from shaft No. 1 Black Jack

-6-

lode is credited to the Constance Craig lode
 Value..... \$ 600

No. 1 Mammoth lode

No. ~~11~~, The discovery cut on the ~~Mammoth lode~~, which bears
 from Cor.No.2 N.70°40'E. 675 ft, 15 ft long 10 ft face
 Value..... \$100

No. 2

No. ~~12~~, A shaft on the ~~Mammoth lode~~, which bears from Cor.
 No.2, N.72°30'E. 675 ft, 4x6 ft, 15 ft deep
 Value.....\$ 150

Note:-- 25 ft of the drift from shaft No.1 on the Black
 Jack lode is credited to the Mammoth lode
 Value..... \$375

L E D G E S .

There are a number of ledges throughout the ground
 embraced by this claim, which are more or less well de-
 fined; The ledge on the Black Jack lode runs, from a
 point on the East end line 300 ft S.4° W. from Cor.No.
 1, thence N.86°W. 1500 ft to the West end line.

The ledge on the Mammoth lode runs from a point
 on the East end line N.4° E. 285 ft from Cor.No.1,
 thence ~~N.36°32'W.~~ ^{N.86°W} 1500 ft to the West end line. ~~1500.06 ft~~

The ledge on the Constance Craig runs from a
 point on the South end line N.39°15'W. 110 ft from Cor.
 No.1, thence N.3° 19' ^E 1499.9 ft ~~1500 ft~~ to the North end line.

I N S T R U M E N T S .

This survey was made with a Light Mountain Transit
 The courses were deflected from the true meridian as
 determined by direct solar observations. The distances
 were measured with a 50 ft steel tape.

Phoenix Ariz. May 4, 1905.

Francis Jacobs
 U.S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Francis Jacobs
 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 "Arizona Mining and Development Co"
 known as the Mammoth, Black Jack and Constantine Craig
 and showing the respective capacities in which they acted.

- John Martin , Chairman.
- Eduardo L. Garcia , Chairman.
- Eduardo L. Garcia , Axman.
- John Martin , Flagman.

FINAL OATHS OF ASSISTANTS.

We, John Martin
 and Eduardo L. Garcia , do solemnly swear that we assisted Francis Jacobs
Jacobs , United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The "Arizona Mining
and Development Co"
~~Black Jack and Constantine Craig~~ , known as the Mammoth
~~Black Jack and Constantine Craig~~ , 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

- John Martin , Chairman.
- Eduardo L. Garcia , Chairman.
- Eduardo L. Garcia , Axman .
- John Martin , Flagman.

Subscribed and sworn to by the above-named persons before me
 this 3^d day of May , 1905

Francis Jacobs
 Notary Public
 My Commission Expires March 17-1908

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Francis B Jacobs, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 17-1905, 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 Arizona Mining and Development Co known as the Mammoth, Black Jack and Constance Craig situate in Yavapai Mining District, Maricopa County, Arizona, in Section 16 & 21, Township No. 6 N., Range No. 4 W. — unsurveyed and designated as Survey No. 2060, 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.

Francis B Jacobs
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Francis B Jacobs,
U. S. Deputy Mineral Surveyor, before me

Mr James this 5th
day of May 1905.

Mr James
Notary Public

c 3-154

My Commission Expires
March 15-1909

Affidavit of Five Hundred Dollars Improvements.

We, John Martin and Edward L. Garcia

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Mammoth, Black Jack and Constantine ^{Crags} mining claims situate in Vulture

mining district, Maricopa County, Arizona Territory, for which The

"Arizona Mining and Development Co."

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

its grantor ^{for claims} exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

John Martin
Edward L. Garcia

TERRITORY OF ARIZONA,
COUNTY OF Maricopa } ss:

Sworn to and subscribed before me this 3^d day

[SEAL.]

of May, 1905

Francis B. Jacobs
Notary Public

My Commission expires March 12-1908

NOTICE OF MINING LOCATION- LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Mammoth 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 Wickenburg Smelting & Refining Company, the undersigned, on the 2nd day of December, 1902.

The length of this claim is Fifteen hundred feet and we claim Four hundred & fifty feet in a westerly direction and Ten hundred & fifty feet in a Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 east to the west. The claim is situated and located in the Vulture Mining District, in Maricopa County in the Territory of Arizona, about three miles in a Westerly direction from Hot Springs Junction.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a Easterly direction 1050 feet from the discovery shaft (at which this notice is posted) being in the center of the East end *line* of said claim; thence northerly 300 feet to a monument of stone being the Northeast corner of said claim; thence Westerly 1000 feet to a monument, being at the Northwest corner of said claim; thence 300 feet to a monument at the center of the West end of said claim; thence 300 feet to a monument being at the Southwest corner of said claim; thence 1500 feet to a monument at the Southeast corner of said claim; 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XII II 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 2nd day of December, 1902.

Wickenburg Smelting & Refining Company,
A. J. Scofield. By Paul T. Treptow.

Filed and recorded at request of A. J. Scofield, Mar. 13, A.D. 1903 at 2.11 P. M.

B. F. McFall, County Recorder,
By A.S.Arthur, Deputy.

Book 13, Page 22-23

TERRITORY OF ARIZONA, }
County of Maricopa } ss.

I, C. F. Leonard, County Recorder in and for the County and

Territory aforesaid, hereby certify that I have compared the foregoing copy with the Original
Record

filed and recorded in my office on the 13th day of March 1903 in Book
No. 13 of Minutes
at Page 22-23 and that the same is a full, true and correct
copy of such Record and of the whole thereof.

Witness my hand, and seal of office, this 17th
day of April 1903

C. F. Leonard
County Recorder.

By _____
Deputy.

Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 2nd day of December, 1902.

Wickenburg Smelting & Refining Company,
A. J. Scofield. By Paul T. Treptow.

Filed and recorded at request of A. J. Scofield, Mar. 13, A.D. 1903 at 2.11 P. M.

E. F. McFall, County Recorder,
By A.S.Arthur, Deputy.

Book 13, Page 22-23

NOTICE OF LOCATION.

I, the undersigned, locate and claim fifteen hundred (1500) feet on this ledge, containing Lead and silver, with three hundred (300) feet on each side of vein, with all dips, spurs, angles and degrees and all privileges granted by Congress since May the 10th, 1872. This claim commences at this notice at the East end of the claim and runs Northerly to a ^{stone} monument marked North East Corner, thence Westerly fifteen hundred (1500) feet to stone monument marked North West Corner, thence Southerly Six hundred (600) feet to a stone monument marked South West corner, thence Easterly fifteen hundred (1500) feet to a stone monument marked South East corner, thence Northerly three hundred (300) feet to place of beginning.

This claim is situated about One mile and one half North West of the Old town of Seymour, and what was formerly known as the Old Montezuma lead and silver mine; and shall be known as The Black Jack Lead and Silver mine, in Hassayampa District, Maricopa County, Arizona Territory.

Dated on the ground this the 14th day of April, 1890.

Frank Ryland.

Witnesses. (Mrs. Kate Henderson.
 (Mrs. J. C. Egloff.
 (Angela Hutchinson.

TERRITORY OF ARIZONA, } ss.
 County of Maricopa.

I, A. F. Leonard, County Recorder in and for the County and Territory aforesaid, hereby certify that I have compared the foregoing copy with the Original Record

filed and recorded in my office on the 18th day of April 1890, in Book No. 5 of Wishes at Page 91, and that the same is a full, true and correct copy of such Record and of the whole thereof.

Witness my hand and seal of office, this 17th day of April 1905

A. F. Leonard
 County Recorder.

By _____ Deputy.

NOTICE OF LOCATION.

I, the undersigned, locate and claim fifteen hundred (1500) feet on this ledge, containing lead and silver, with three hundred (300) feet on each side of vein, with all dips, spurs, angles and degrees and all privileges granted by Congress since May the 10th, 1872. This claim commences at this notice at the East end of the claim and runs Northerly to a ^{stone} monument marked North East Corner, thence Westerly fifteen hundred (1500) feet to stone monument marked North West Corner, thence Southerly Six hundred (600) feet to a stone monument marked South West corner, thence Easterly fifteen hundred (1500) feet to a stone monument marked South East corner, thence Northerly three hundred (300) feet to place of beginning.

This claim is situated about One mile and one half North West of the Old town of Seymour, and what was formerly known as the Old Montezuma lead and silver mine; and shall be known as The Black Jack Lead and Silver mine, in Hassayampa District, Maricopa County, Arizona Territory.

Dated on the ground this the 14th day of April, 1890.

Frank Ryland.

Witnesses. (Mrs. Kate Henderson.
(Mrs. J. C. Egloff.
(Angela Hutchinson.

Filed and recorded at request of Frank Ryland, Apr. 13, 1890,
at 4 o'clock P. M.

Heri Osborn, County Recorder.

By Eugene Graham,

Deputy Recorder.

Book 5 Page 91.

NOTICE OF MINING LOCATION-LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Constance Craig 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 Wickenburg Smelting & Refining Company, the undersigned, on the 21st day of November, 1902.

The length of this claim is Fifteen hundred feet and we claim Twelve hundred & fifty feet in a northerly direction and Two hundred & fifty 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 300 feet in width of the surface grounds, on each side of the center of said vein. The general course of the lode deposit and premises is from the northerly to the southerly. The claim is situated and located in the Vulture Mining District in Maricopa County, in the Territory of Arizona and about three miles in a westerly direction from Hot Springs Junction.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a northerly direction 1250 feet feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence easterly 300 feet to a monument of stones, being the northeast corner of said claim; thence southerly 1500 feet a monument of stones, being at the southeast corner of said claim; thence westerly 300 feet to a monument of stones at the center of the south end of said claim; thence westerly 300 feet to a monument of stones, being at the southwest corner of said claim; thence northerly 1500 feet to a monument of stones, being at the northwest corner of said claim; thence easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XLVII of the Revised Statutes of the United States and Title XLVII of the Revised Statutes of Arizona 1901.

Dated and posted on the ground this 21st day of November 1902.

Wickenburg Smelting & Refining Company.

Witness A. J. Scofield. By Paul T. Treptow.

Filed and recorded at request of A. J. Scofield; Mar. 13 A. D. 1903 at 2.10 P. M.

B. F. McFall, County Recorder,

Book 13, Page 20-21

By A. S. Arthur, Deputy.

TERRITORY OF ARIZONA, }
County of Maricopa } ss

I, C. F. Leonard, County Recorder in and for the County and

Territory aforesaid, hereby certify that I have compared the foregoing copy with the Original Record

filed and recorded in my office on the 13th day of March 1903, in Book No 13 of Mines

at Page 20-21, and that the same is a full, true and correct copy of such Record and of the whole thereof.

Witness my hand and seal of office, this 7th day of April 1903

C. F. Leonard
County Recorder.
By _____
Deputy.

All done under the provisions of Chapter Six of Title XXVII of the Revised Statutes of the United States and Title XLVII of the Revised Statutes of Arizona 1901.

Dated and posted on the ground this 21st day of November 1902.

Wickenburg Smelting & Refining Company.

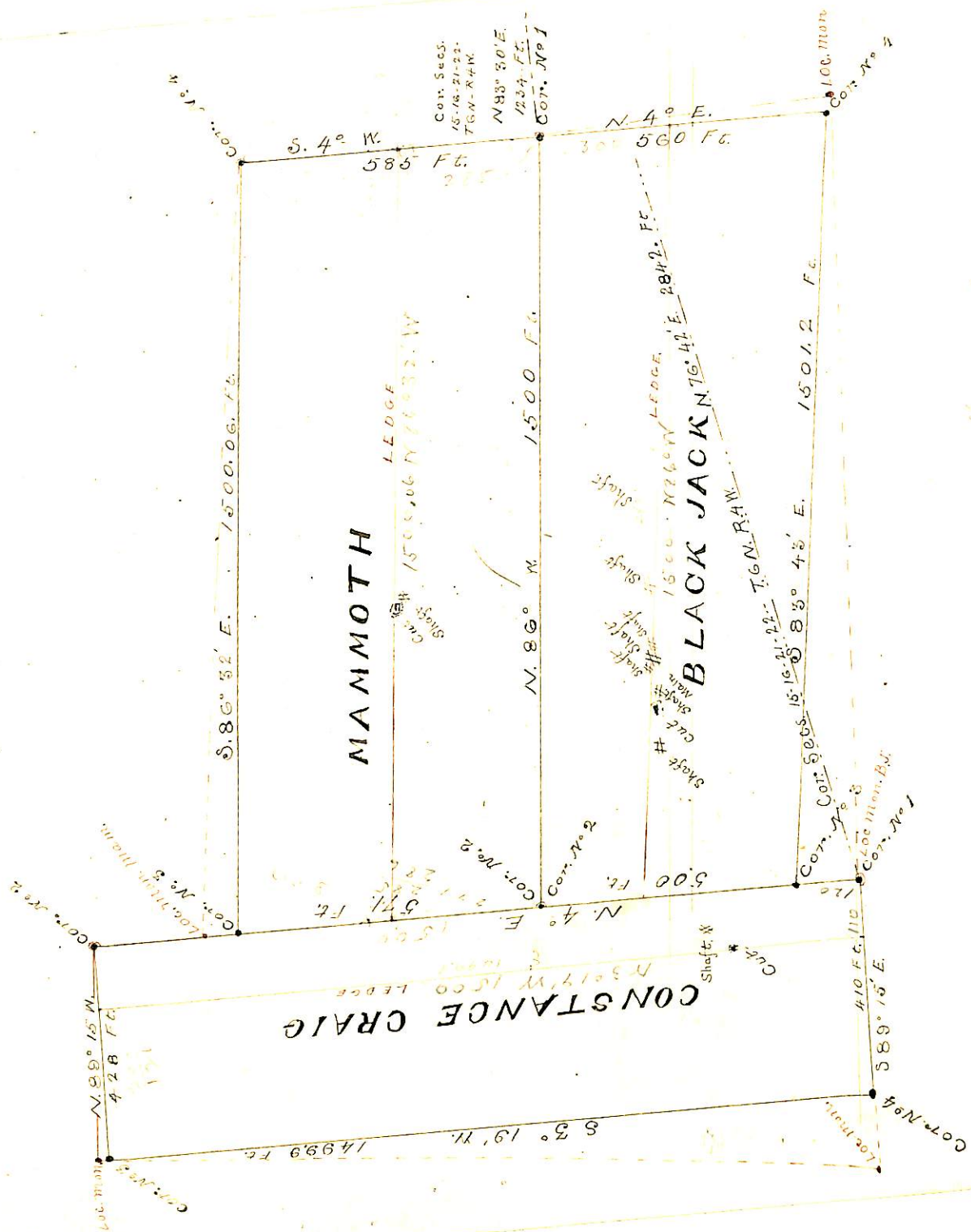
Witness A. J. Scofield.

By Paul C. Treptow.

Filed and recorded at request of A. J. Scofield; Mar. 13 A. D. 1903 at 2.10 P. M.

B. F. McFall, County Recorder,

Book 13, Page 20-21 By A. S. Arthur, Deputy.



5 1/4 Sec 16 6N 4E
 17 1/4 Sec 21

SURVEY No. 2060
 VULTURE MINING DISTRICT
 MARICOPA COUNTY
 ARIZONA.
 Surveyed May 1 and 2, 1905
 By Francis B. Jacobs
 U.S. Dep. Min. Surveyor