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AUG 27 1904

Received by
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Classified
G. O. G.

(4-683.)

Mineral Survey No. 1966

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M. J. Leopold

KNOWN AS THE

St George

mines in Cochise

Mining District,

Cochise County, Arizona

on unsurveyed lands approximately
NW 6th Section 36, Township 15th, Range 22nd E 2nd S R 30th W

Surveyed under instructions dated June 29th, 1904

by Geo. C. Clark

U. S. Deputy Mineral Surveyor

Claim located see notice, 1

Survey commenced August 15th, 1904

Survey completed August 24th, 1904

6-160

Post Office address of claimants
Dishe Arizona
of M. J. Cunningham

August
8/27/04
Geo. C. Clark in the

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, William Sutton and J. A. Gillette,

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 N. J. Leopold

known as the St George situate in Cochise mining district

Cochise County, Arizona, in Section 36, Township No. 15S, Range No. 27E, 5N, B. 1 & 2M

William Sutton, Chainman. J. A. Gillette, Chainman.

Subscribed and sworn to by the above-named persons before me this 13th day of August, 1904

Corra E. Smith, Notary Public, In and for the County of Cochise, Territory of Arizona. My Commission Expires March 27, 1905

I, _____, do solemnly swear that I will well and truly perform the duties of axman, 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

known as the _____ more fully described in the preceding affidavit.

_____, Axman.

Subscribed and sworn to by the said _____ before me this _____ day of _____, 1904

I, _____, 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

known as the _____ more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____ before me this _____ day of _____, 1904

ST. GEORGE

Feet

Beginning at Cor. No.1, the SW. cor., identical with location, a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 1-1966 S.G.L., whence a cropping of bedrock 4 ft. long 4 ins. high chiseled K-1-1966 brs. N. $01^{\circ} 25' W.$ 47.8 ft., and standard $\frac{1}{4}$ Cor. on S. line Sec. 35, Tp. 15 S. R. 22 E. G & S R B & M brs. S. $37^{\circ} 07' W.$ 5315.7 ft.

Thence N. $22^{\circ} 18' 30'' E.$,

300.5 to original location for W. end center,

601.1 same bearing to Cor. No.2, the NW. cor., identical with location a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 2-1966 S.G.L., whence a cropping of porphyry $2 \times 2\frac{1}{2}$ ft. 9 ins. above the surface of the ground chiseled 2-1966 X brs. S. $35^{\circ} 12' E.$ 52 ft.,

Thence S. $70^{\circ} 11' 30'' E.$

600.0 to original location for N. side center,

1286.6 same bearing to Cor. No.3, the NE cor identical with location a pine post 4 ft. long 4 ins sq. set 1 ft in the ground in a mound of stones and scribed 3-1966 S.G.L., whence an X-1966 B.R. chiseled in bedrock brs. S. $75^{\circ} 46' W.$ 98 ft.

Thence S. $22^{\circ} 18' 30'' W.$

300.6 to original location for E. end center,

601.1 same bearing to Cor. No.4, the SE. cor., identical with location a pine post 4 ft. long 4 ins. sq. set 1 ft. in the ground in a mound of stones 4-1966 S.G.L. whence an X-1966 chiseled in a porphyry cropping brs. N. $36^{\circ} 12' W.$ 68 ft.

Thence N. $70^{\circ} 11' 30'' W.$

600.0 to original location for S. side center,

1286.6 same bearing to Cor No.1, the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the W. EC of location S. $70^{\circ} 11' 30'' E.$ 1286.6 ft.

Total and net area St. George lode, [✓] 17,737 Acres.

Adjoining Claims.

North Hagerman lode, unsurveyed, Alexander Bannow and Jorrs's Estate, owners.

East Marylode, Alexander Bannow, owner. ^{unsurveyed}

South, Wolfrime, and Calumet lodes, same owner. ^{unsurveyed}

West Unknown claim, Wm. Hutton, owner. ^{unsurveyed}

Improvements.

I hereby certify that the value of the labor and improvements on this lode placed thereon by claimant or his grantors is not less than \$500 and that said improvements consist of

- | | | |
|------|--|----------|
| No.1 | Discovery shaft 4x6x10 ft. brs.from E. end center of location N. 76° 52' W. 280 ft., Value, | \$100.00 |
| No.2 | Shaft 4x6x20 ft. brs.from same point N.75° 03' W. 260 ft., Value | 200.00 |
| No.3 | Shaft 6x6x3 ft. brs.from same point N.80° 23' W. 320 ft., Value, | 10.00 |
| No.4 | Shaft 6x8x5 ft. brs.from same point N. 82° 22' W. 220 ft., Value | 50.00 |
| No.5 | Shaft 4x6x4 ft. brs.from same point N.84°30' W. 317 ft., Value | 15.00 |
| No.6 | Incline shaft 4x6x140 ft. brs.from same point N.89° 49' W. 237 ft., Value | 1400.00 |
| No.7 | Shaft 4x6x20 ft. brs.from same point S. 79°50' W. 280.0 ft Value | 200.00 |
| No.8 | Incline shaft 6x6x170 ft. partly timbered dips 35° N. brs.from a point on line 1-2 N.22°18'30" E. 39.6 ft. from W. end center S. 67° 31' E. 220 ft., Value | 4000.00 |

Total improvements on group \$6155.00

Location.

This claim is located about 3½ mi. in a SW. direction from Cochise Station on the Southern Pacific R.R. on unsurveyed lands in Cochise Mining District, Cochise County, approx. in the NW. cor. of Sec. 36, T₁₅ S, R₂₂ E. G & S R B & M.

Arizona

INSTRUMENT.

This survey was made with a Leitz Mountain and
Mining Transit. The courses were deflected from the
true meridian as determined by solar observation,
checked by an observation on Polaris. The plot was
made measured with a 300 foot steel tape.

Magnetic variation $18^{\circ} 30'$.

Geo. C. Clark

U. S. Deputy Mineral Surveyor.

Piobee, Arizona,

August 24 1904.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo C Clark
 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. Leopold
 known as the St George
 and showing the respective capacities in which they acted.

William Hutton, Chairman.
J. A. Gillette, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, William Hutton
 and J. A. Gillette, do solemnly swear that we assisted Geo C Clark
 _____, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of W. Leopold
 _____, known as the St George
 _____, 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.

William Hutton, Chairman.
J. A. Gillette, Chairman.
 _____, Axman .
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 24th day of August, 1904

Notary Public for the Territory of Arizona,
 My Commission Expires _____, 1908.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo O Oland, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 29th 1904, 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 N. T. Leopold known as the St George situate in Coconino Mining District, Coconino County, Arizona ^{approx} in Section 22 E 36 N 4 S 20 W and designated as Survey No. 1966, 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 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.

Geo O Oland
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo Oland
U. S. Deputy Mineral Surveyor, before me
this 29th
day of August, 1904

Carl Smith

Affidavit of Five Hundred Dollars Improvements.

We, William Aaron Gillese and W. S. Leopold

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the St George mining claim, situate in Cochise Mining district, Cochise County, Arizona Territory, for which W. S. Leopold

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

William A. Gillese

J. A. Gillese

TERRITORY OF ARIZONA,
County of Cochise } ss:

Sworn to and subscribed before me, this August

24 day of August, 1904



Coron E. Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona.
My Commission Expires March 21, 1903.

NOTICE OF MINING LOCATION.
Copper Claim.

9

TO ALL WHOM IT MAY CONCERN:

This mining claim the name of which is the St. George Mining Claim stuate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by George Scherer, Alexander Bannow, & August Joerss, the undersigned, on the 14th day of May, 1897.

The length of this claim is fifteen hundred feet, and this claim is about sevenhundred and fifty feet in a Southeast and Northwesterly direction, and seven hundred and fifty feet in a Northwest-erly and southeasterly 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 Southeast to the Northwest.

The claim is situated and located in Cochise Mining District, Cochise County, in the Territory of Arizona, about a mile in a Northeasterly direction from Russellville.

The surface boundaries of the claim are ararked upon the ground as follows: Beginning at the center monument at the Southeast end of the claim at a point in a southeasterly direction about 750 feet from the discovery shaft (at which this notice is posted) being in the center of the east end line of said claim; thence three hundred to a monument stones northeasterly, being the north east corner of said claim; thence Northwesterly 750 feet to a monument of stones, at the center of the North side line of said claim; thence 750 feet Northwesterly Feet to a monument of stones being at the northwest corner of said claim; thence Southwards 300 feet to a monument of stones at the center of the North West end of said claim; thence Southwards 300 feet to a monument of stones, being at the Southwest corner of said claim; thence Southeastwards 750 feet to a monument of stones being at the center of the South side line of said claim; thence Southeast 750 feet to a monument of stones at the southeast corner of said claim; thence 300 feet Northwards to the place of beginning.

All done under the provisions of Chapter Six of Title 32 of the Revised Statutes of the United States, and of an act of the General Assembly of Arizona, entitled "An Act concerning mines," approved March 20th 1895.

Dated and posted on the ground this the 14th day of May A. D. 1897.

Witness

A. H. Wien
Saml Bigler.

George Scherer
Alexander Bannow
August Joerss

Filed and recorded at request of Aug. Joerss August 16th A. D. 1897 at 9-5 A. M. Book 14 record of Mines at page 309.

TERRITORY OF ARIZONA,

County of Cochise, SS.

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original location Notice of the St. George Mining Claim, filed and recorded in my office on the 16th day of August, 1897, in Book 14, Record of Mines at page 309, and that the same is a full, true and correct copy of such original, and of the whole thereof.

witness my hand and official seal this 22d day of June, 1904.

Frank Hare

County Recorder.

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,

Phoenix, Arizona.

Oct 12 --, 1904.

I, U. S. Surveyor-General for the district of Arizona.

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

known as the St. George, situate in Cochise, Mining District, Cochise, County, Arizona.

approx. Section N.W. cor. S. 36., Township No. 15 S., Range No. 22 E., designated as Survey No. 1966

executed by Geo. C. Clark, U. S. Deputy Mineral Surveyor, Aug. 15 th -- 24th 1904., 190., under my instructions dated June 29th 1904., 190., 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.

Frank J. Sargent

U. S. Surveyor-General for Arizona.

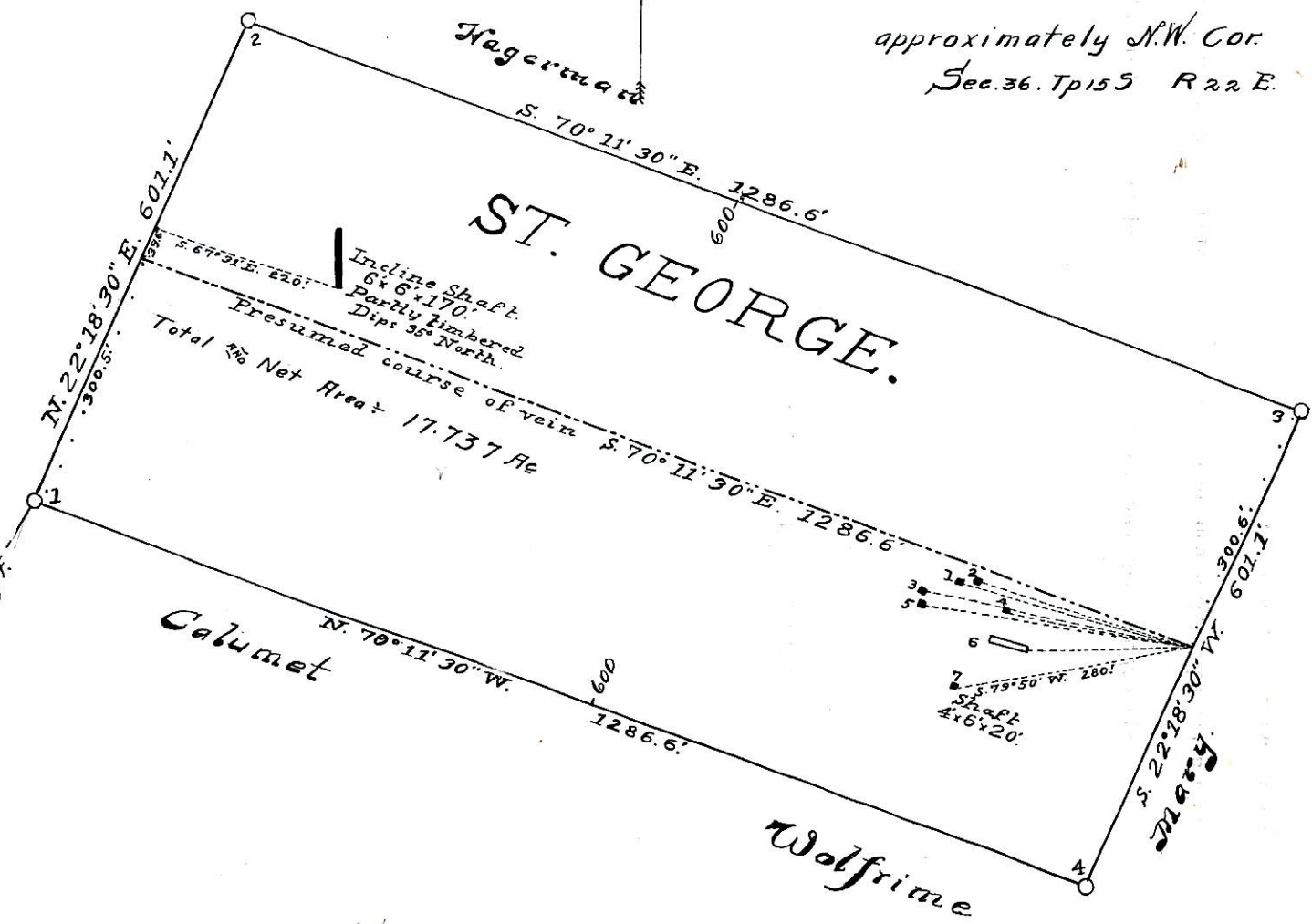
LARGE
Drawing

SURVEY NO. 1966.

Scale 200ft = 1 in.

N.

approximately N.W. Cor.
Sec. 36. T. 15 S. R. 22 E.



1. Disc. Shaft. 4x6x10'
N. 76° 52' W. 280'
2. Shaft 4x6x20'
N. 75° 03' W. 260'
3. Shaft. 6x6x3'
N. 80° 23' W. 320'
4. Shaft 6x8x5'
N. 82° 22' W. 220'
5. Shaft 4x6x4'
N. 84° 30' W. 317'
6. Incline 4x6x140'
N. 89° 49' W. 237'

To standard 1/4 corner S line
Sec. 35. T. 15 S. R. 22 E