

MS

02093

JUL 3-1905

Inspected by 7/30/05

(4-683.)

Mineral Survey No. 2093

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Howal A Smith

KNOWN AS THE

Eureka

~~Situated in the~~ Warren Mining District.

Cochise County, Arizona

Section Approx, Township 23 S, Range 25⁴ E

Surveyed under instructions dated June 5, 1905 ~~insurveyed~~

by Franklin W Smith

U. S. Deputy Mineral Surveyor

Claim located See location notice, 1

Survey commenced June 20, 1905

Survey completed June 21, 1905

Post office address of claimant
Bisbee, Cochise County Arizona

- Tax ✓
- Ledger ✓
- Site ✓
- Area ✓

Feet

Eureka
Survey No. 2093

1

Beginning at Cor.No.1 the NE cor identical with location and situated on line 4-3 New York lode, Survey No. 1962, S. 43° 58' W. 65.95 ft from Cor.No.4 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2093 E L whence a pine post of same dimensions and scribed B. P. 1-2093 brs. N. 82° 2' W. 25 ft and a second pine post of same dimensions and scribing brs. S. 43° 58' W. 25 ft., no bearing monuments available, and NW cor Sec 30 Tp 23 S R 25 E G & S R B & M brs. S. 71° 34' E. 4925.1 ft.,

Thence S. 43° 58' W.

141.15 along line 4-3 New York lode, Survey No. 1962 ^{to} ~~for~~ original location for E E C.,

534.25 same bearing to Cors.No.3 and 4 respectively of New York and Lone Star lodes, Survey No.1962.

~~573.25~~ ^{571.15} same bearing to Cor.No.2, the SE cor., identical with location and at the point of intersection of line 4-3 Lone Star lode, Survey No 1962 with line 1-4 No.7 lode Survey No.1979 at N. 46° 35' W. 134.7 ft from Cor.No.1 ~~Lone Star~~ ^{No. 7} lode, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2093 E L whence a pine post of same dimensions and scribed B P 2-2093 brs N. 43° 58' E 25 ft and a second pinepost of same dimensions and scribing brs N. 73° 13' 30" W. 25 ft no bearing monuments available, and Cor.No.4 No 7 lode, Survey No.1979 identical with Cor.No.1 No.6 lode Survey No.2048 brs N. 46° 35' W. 622.6 ft.,

Thence N. 73° 13' 30" W.

755.18 to the intersection of line 3-4 No.7 lode, Survey No.1979 at S. 52° 13' W. 342.63 ft from Cor.No.4, line 3-4 No.7 lode Survey No.1979 is identical with line 1-3 No.6 lode Survey No.2048,

~~755.18~~ ^{903.9} same bearing to Cor.No.3 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 3-2093 E L, whence a pinepost

X

B.P.

of same dimensions and scribed 3-2093 brs. S. 73° 13' 30" E. 25 ft and a second pine post of same dimensions and scribing brs. N. 43° 58' E. 25 ft., no bearing monuments available,

Thence N. 43° 58' E.

10.0 to original location for W E C K
 400.0 same bearing to Cor.No.4 the NW cor., identical with location, and at the point of intersection of S side line of Alpha lode, unsurveyed with line 1-4 No.6 lode, Survey No.2048 N. 48° 15' W. 181.6 ft. from Cor.No.1, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2093 E L whence a pine post of same dimensions and scribed B. P. 4-2093 brs S. 43° 58' W 25 ft and a second pine post of same dimensions and scribing brs. S. 82° 02' E. 25 ft, no bearing monuments available.

Thence S. 82° 02' E. 25 ft.

993.83 along the S side line of Alpha lode, unsurveyed to Cor No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the W E C location N. 87° 57' E. 1157.75 ft.

AREA.

Total area Eureka lode,	8.962 ac
Less area in conflict with No.6 lode, Survey No. 2048	1.310 ac ✓
Less area in conflict with No.7 lode Survey No.1979	<u>2.420 ac</u> ✓
<i>Eureka</i>	<u>3.750</u> ✓
Net area lode lode,	5.232 ac.

IMPROVEMENTS.

I certify that the value of the labor and improvements on this claim placed thereon by claimant or his grants is as follows:

No.1 Discovery shaft 4x6x10 ft brs from E E C location	
S. 87° 57' W. 100 ft., Value	\$100.00

Note Affidavit of \$500 improvements on this claim will be furnished before the expiration of publication.

ADJOINING CLAIMS.

North Alpha lode, unsurveyed, Geo. Henninger, et al owners;
East New York and Lone Star lodes, Survey No.1962, G.J. McCabe et al owners;

South No.7 lode, Survey No1979, No.6 lode. Survey No.2048 owned by applicant herein;

LOCATION.

This claim is located about $4\frac{1}{2}$ mi in an E direction from the city of Bisbee, on unsurveyed lands in the Warren Mining District, Cochise County, Arizona, approximately in Tp 23 S R 24 E G & S R B& M.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No.1 C transit; the courses were deflected from the true meridian as determined by a solar observation checked by an observation on Polaris; the distances were measured with a 300 ft. steel tape.

Magnetic variation $12^{\circ} 30' E$.



U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

22nd June 1905.

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Deputies are cautioned not to use tables that do not give results exact to the decimal specified.

TABLING AND CALCULATIONS OF Eureka, SURVEY No. 2093

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	Acres.
			NORTH.	SOUTH.	EAST.	WEST.				
	N 43° 58' E	400 00	28790 ✓		27770 ✓		27770 ✓	7994983 ✓		
	S 82° 02' E	99383		13774 ² ✓	78424 ⁵ ✓		153965 ✓		21204060 ✓	
	S 43° 58' W	57115		41108 ⁹ ✓		39652	212738 ✓		87450210 ✓	
	N 73° 13' 30" W	90390	26087 ✓			86543 ✓	86543 ✓	22578203 ✓		
									30573186108654270 ✓	
	Area in Conflict with No 7 (1979)									8.962 ✓
	N 52° 13' E	34263	20992 ✓		27079 ✓		27079 ✓	5684424 ✓		
	S 46° 35' E	62260		42791 ⁸⁹ ✓	45224 ✓		99382 ✓		42524564 ✓	
	N 73° 13' 30" W	75518	21795 ⁷ ✓			72304 ³ ✓	72303 ✓	15759885 ✓		
									21444309 42524564 ✓	
	Area in Conflict with No 6 (2048)									2.420 ✓
	N 43° 58' E	40000	28790 ✓		27770 ✓		27770 ✓	7995261 ✓		
	S 48° 15' E	18160		12092 ✓	13548 ✓		69088 ✓		8354121 ✓	
	S 52° 13' W	34263		20992 ✓		27079 ✓	55557 ✓		11661970 ✓	
	N 73° 13' 30" W	14872	4292 ✓			14239 ✓	14239 ✓	611138 ✓		
									8606399 20016091 ✓	1.310 ✓

Net Area Eureka - 5.232 Acres.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Franklin W. Smith
 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 _____

_____ Howal A. Smith
 known as the Eureka

and showing the respective capacities in which they acted.

R. A. Gieseemer, Chainman.
D. E. Curry, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, R. A. Gieseemer
 and D. E. Curry, do solemnly swear that we assisted Franklin
W. Smith, United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Howal A. Smith

known as the Eureka

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

R. Gieseemer, Chainman.
D. E. Curry, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 29th
 day of June, 1904

Corra E. Smith
 NOTARY PUBLIC
 In and for the County of Cochise, Territory of Arizona
 My Commission Expires March 21, 1905

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 29, 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 Haral A. Smith, known as the Eureka, situate in Warren Mining District, Cochise County, Arizona, in Section Approx, Township No. 23 S, Range No. 24 E 9 & 5 R. D. 14 and designated as Survey No. 2093, 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.

Franklin W. Smith
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith
U. S. Deputy Mineral Surveyor, before me

this 22nd
day of June 1905

Conrad Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona
My Commission expires January 21, 1908

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Eureka 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 George Henninger and Henry Kreimeier

(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 27th day of February 1904

The length of this claim is 1500 feet, and We claim 14.00 feet, in a Southwesterly direction and 100 feet in a North Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 600 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 _____ to the _____

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 3 miles in a Southeasterly direction from Bister and is bounded on the South by the New York, on the East by the Alpha and by West by the No. 7 and No. 6 Union Groups

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

A monument of Stones

at a point in a Southerly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence Easterly 300 feet to a Monument, being the South East corner of said claim; thence North Easterly 1500 feet to a Monument, being at the North East corner of said claim; thence Westerly 300 feet to a Monument at the center of the North end of said claim; thence Westerly 300 feet to a Monument, being at the North West corner of said claim; thence Southerly 1500 feet to a Monument at the Southwest corner of said claim; thence Easterly 300 feet to the place of beginning.

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 27th day of February 1904

Witnessed by
Herman Mahlow,
J. D. Stolker.

H. Kreimeier
George Henninger

Filed and recorded at request of S. N. Williams, April 9th A.D. 1904 at 9 a.m. Book 30, page 475. Record of Mines.

TERRITORY OF ARIZONA,
 County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
 County Recorder.

Notice of Location

LODE CLAIM

Dated.....190.....

Filed and Recorded at request of.....

.....A. D. 190.....

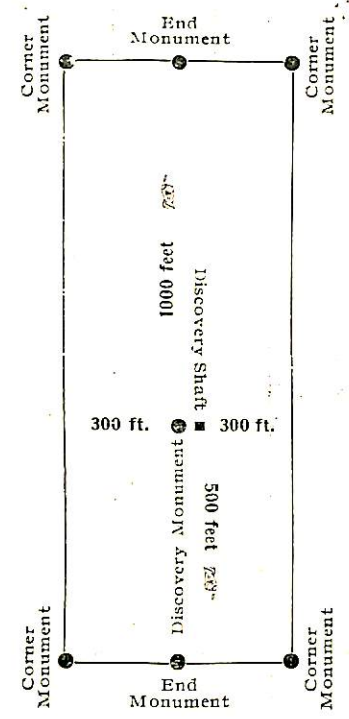
at.....M.

Book.....

Pages.....

.....County Recorder.

By.....Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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 Eureka Mining CLAIM claim, filed and recorded in my office on the 9 day of April 1904, in Book 30 at page 475, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 23rd day of May, 1905.

Frank Hare
County Recorder.

Aug 10 1905

Eureka, Survey No. 2093.
situated in Warren Mining District, Cochise County, Arizona,
owned by Hoyal A. Smith,

APPRAISEMENT OF IMPROVEMENTS.

I hereby certify that the value of the labor and improvements placed upon the claim is not less than \$50. and that said improvements consist of:

No.1	Discy cryshaft 4x6x10 ft brs from E E C location S. 87° 57' W. 100 ft., Value,	\$100.00
No.2	Shaft 5x9x11 ft., brs from Cor. No.4 Lone Star lode, Survey No.1962, N. 19° 20' E. 294 ft., Value	110.00
No.3	Shaft 5x9x11 ft. brs from Cor.No.4 Lone Star lode, Survey No.1962 N. 20° 30' E. 289 ft., Value,	110.00
No.4	Shaft 5x9x11 ft brs from Cor.No.4 Lone Star lode, Survey No.1962 N 25° 40' E. 265 ft., Value,	110.00
No.5	Shaft 5x6x11 ft brs from Cor.No.4 Lone Star lode, Survey No.1962, N 1° E. 46 ft., Value,	<u>110.00</u>
	Total improvements Eureka lode,	\$540.00

Gaullin Smith

U. S. Deputy Mineral Surveyor.

Done at Bisbee Arizona,
August 4, 1905.

Affidavit of Five Hundred Dollars Improvements.

We, R. F. Wiseman and T. F. Field

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

Concha mining claim, situate in Maricopa

mining district, Cochise County, Arizona Territory, for which

Royal Smith

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 grantors exceed five hundred dollars in value, and further that we are not personally interested in said mine.

R. F. Wiseman
T. F. Field

TERRITORY OF ARIZONA,
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 14th day

[SEAL.]

of August, 1905

Carrie Ed Smith

17171b400-3-05

NOTARY PUBLIC
and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for the district of Arizona.,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or his grantors, upon the mining claim of
Hoval A. Smith,
known as the Eureka,
situate in Warren mining district,
Cochise County, Arizona.
in Section _____, Township No. _____, Range No. _____;
that said improvements consist of 5 shafts, value \$540.

_____, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated
August 4, 1905., 18 _____, is hereto attached.

Frank J. Lygess

U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona.

August 10th 1905., 18 _____

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

July 28", 1905

I, U. S. Surveyor-General for the 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 Hoval A. Smith,

known as the Eureka

situate in Warren

Mining District, Cochise County, Arizona.

in Section APPROX., Township No. 23 S., Range No. 24 E. unsurveyed, and designated as Survey No. 2093,

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 ^{less than} five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of, at time of survey, 1 dis. shaft, value \$100.00

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 Tucson, Arizona.

is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona.

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.

July 28th, 1905

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 Howal A. Smith,

known as the Eureka,

situate in Warren Mining District, Cochise County, Arizona.

in Section APPROX., Township No. 23 S., Range No. 24 E. unsurveyed. designated as Survey No. 2093

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, June 20th, 21st 1905, 190, under my instructions dated

June 5, 1905, 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.

[Handwritten signature]

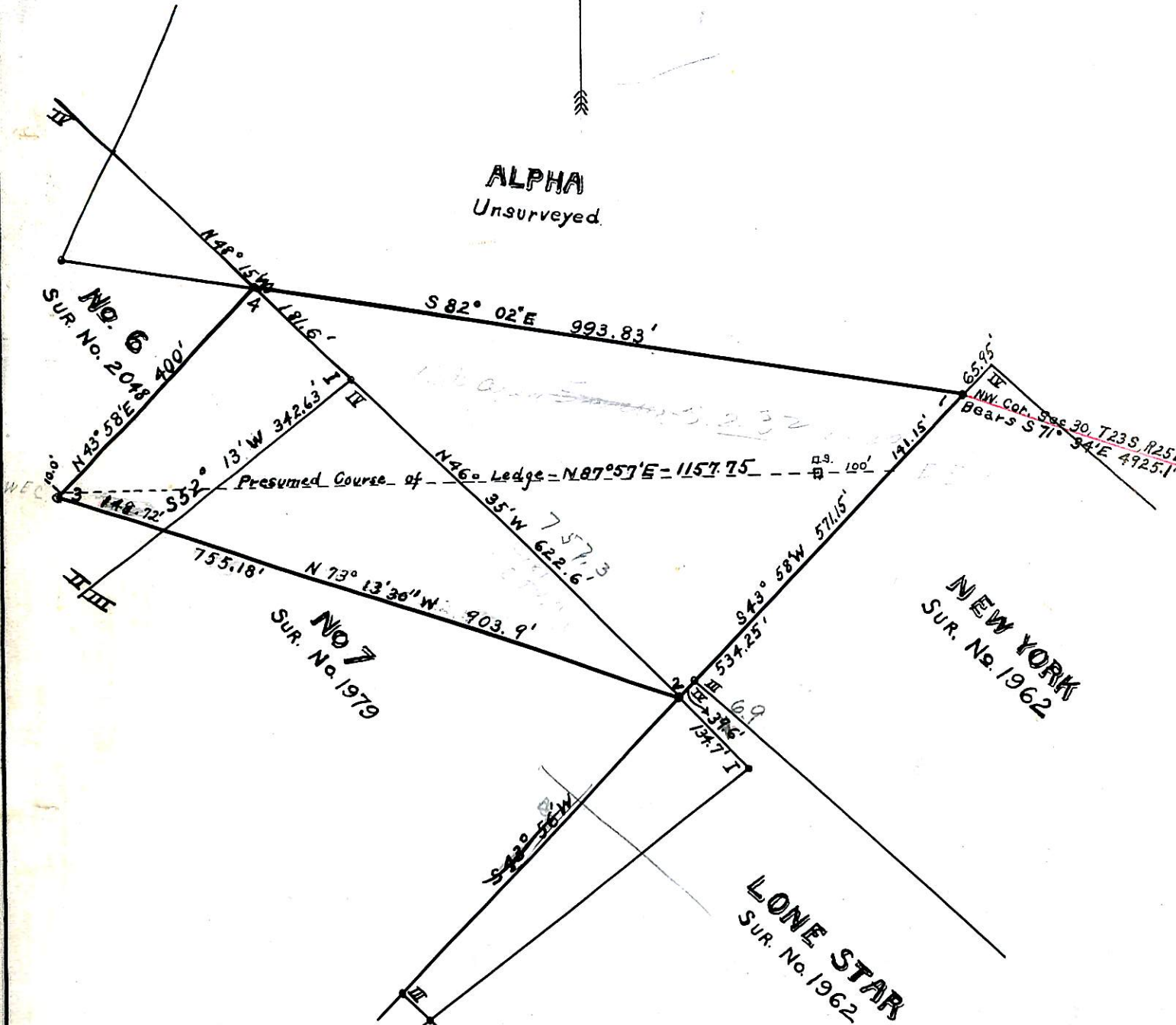
U. S. Surveyor-General for Arizona.

SURVEY NO. 2093

SCALE 200 Ft. = 1 IN
EUREKA



ALPHA
Unsurveyed.



TOTAL AREA EUREKA		8.962 ACRES.
LESS CONFLICT WITH No. 6	1.310	
" " " No. 7	2.420	
TOTAL AREA CONFLICT		3.730
NET AREA EUREKA		5.232

IMPROVEMENTS
FROM E.E.C. EUREKA S87°57'W 100' D.S. 4x6x10'.