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JUN 30 1905

referred by amt
7/11/05

Notes compared
S. E.

(4-683.)

Mineral Survey No. 2080

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Howal A. Smith

KNOWN AS THE

Tom

~~situated in the~~ Warren Mining District,

Cochise County, Arizona

Section Approx., Township 23S, Range 24E ~~of S. R. B. M.~~

Surveyed under instructions dated May 29, 1905

by Franklin W. Smith

U. S. Deputy Mineral Surveyor

Claim located See location notice 1

Survey commenced June 16, 1905.

Survey completed June 17, 1905.

Post Office address of claimant
Disher, Cochise County
Arizona

Tal ✓
Lodge ✓
Dish ✓
area ✓

Survey No. 2080, Tom Code,
situated in the Warren Mining District, Cochise County,
Territory of Arizona, owned by Della Williams and Novella Smith.

AFFIDAVIT OF \$500 IMPROVEMENTS.

I hereby certify that the value of the labor and improve-
ments on this claim placed thereon by the claimant or
their grantors is not less than \$500 ~~and said~~ ~~improvements~~
~~thereof~~ and said improvements were placed on the said
claim before the first day of September, 1905, and prior
to the expiration of the period of publication of the

application for patent *said improvements are as follows:*

- No. 1 Discovery shaft 4x6x10 ft brs from ^N E C S. 10° 30' E.
200 ft Value, 100.00
- No. 2 Open cut 4x10x18 ft and tunnel 4x7x8 ft course
S. 78° E., center of mouth of open cut brs from Cor No. 1
S. 39° 30' W. 392 ft Value, 150.00
- No. 3 Open cut 6x11x18 ft and tunnel 4x7x18 ft course
S. 70° E. center of mouth of open cut brs
from Cor. No. 1 S. 39° W. 267 ft Value, 200.00
- No. 4 Cut 4x8x10 ft and tunnel 4x7x10 ft course S.
70° E. center of mouth of open cut brs from Cor
No. 1 S. 39° W. 328 ft Value, 125.00
- No. 5 Open cut 6x11x22 ft center of mouth of which brs from
Cor. No. 1 S. 33° W. 153 ft Value, 100.00
- No. 6 Open cut 6x11x18 ft brs from Cor. No. 1 S. 33° W.
131 ft Value, 75.00
- No. 7 Open cut 4x10x18 ft center of mouth of which brs from
Cor. No. 1 S. 33° W. 201 ft Value, 50.00
~~50.00~~

Total Improvements. \$800.00

Della Williams Smith
U. S. D. M. Surveyor

Dated at Bisbee, Arizona,
September 21, 1905.

Affidavit of Five Hundred Dollars Improvements.

We, W. J. Zimmerman and F. C. Severant

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

Iron mining claim, situate in Yavapai

mining district, Yochise County, Arizona Territory, for which

Walter Williams and Govard J. Smith

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 applicant, W. J. and theirs grantor, exceed five hundred dollars in value, and further that we are not personally interested in said mine.

W. J. Zimmerman
F. C. Severant

TERRITORY OF ARIZONA, }
COUNTY OF Yochise } ss:

Sworn to and subscribed before me this 21st day

[SEAL.]

of September, 1905

Govard J. Smith

NOTARY PUBLIC
STATE OF ARIZONA

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 their grantors, upon the mining claim of
Della Williams and Hoval A. Smith,

known as the Tom
situate in Warren mining district,
Cochise County, Arizona.

in Section _____, Township No. _____, Range No. _____;

that said improvements consist of On Tom lode, 1 shaft, 6 cuts and 3 tunnels
value \$800.

_____ , 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
Sep. 21, 1905. , 18 _____ , is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,
Phoenix, Arizona.

_____, 18 _____ :

Beginning at Cor.No.1, the NE cor identical with location, with Cor.No.3 George lode, Survey No.2079 and situated on line 2-3 R nine lode, Survey No.1872, S. $39^{\circ} 41' W$ 17.8 ft from Cor.No.3, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2080 T L whence a pine post of same dimensions and scribed B. P. 1-2080 brs. S. $42^{\circ} 8' W$. 25 ft and a second pine post of same dimension and scribing brs. S. $10^{\circ} 36' E$. 25 ft no bearing monuments available, and NW cor Sec 30 T₂₃ S R 25 E G & S R B & M brs N. $82^{\circ} 50' 30'' E$. ~~3229.5~~ ^{35'} ^{8314.9} ft.,

Thence S. $10^{\circ} 36' E$.

1200.9 along line 3-2 George lode, Survey No.2079 to the intersection of line 2-3 Burlington lode, Survey No 1917 at S. $55^{\circ} 35'$ ^{34'} E. 19.5 ft from Cor.No.2,

1472.1 same bearing to Cor.No.2 the SE cor identical with location and with Cor.No.2 George lode, Survey No.2079 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2080 T L whence a pine post of same dimensions and scribed B. P. 2-2080 brs N. $10^{\circ} 36' W$. 25 ft and a second pine post of same dimensions and scribing brs. S. $42^{\circ} 08' W$. 25 ft., no bearing monuments available,

Thence S. $42^{\circ} 8' W$.

373.9 to original location for S E C

388.7 same bearing to Cor.No.3, ^{the SW cor} identical with Cor.No.1 Burlington lode, Survey No.1917 and situated on line 1-2 Helena lode, Survey No.1918, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2080 T.L whence a pine post of same dimensions and scribed B. P. 3-2080 brs N. $42^{\circ} 8' E$. 25 ft and a second pine post of same dimensions and scribing brs. N. $55^{\circ} 28' W$. 25 ft no bearing monuments available and original location for SW cor brs. S. $42^{\circ} 8' W$. 350 ft

and Cor.No.2 Burlington lode, Survey No.1917 brs.N.19°02'
E. 598.7 ft.,

Thence N. 55° 28' W.

388.7 along line 2-1 Helena lode, Survey No.1918 to Cor.No.4
identical with Cor.No.3 No.8 lode, Survey No.1918 a pine
post 4 ft long 4 ins sq set 1 ft in the ground in a
mound of stones and scribed 4-2080 T L whence a pine post
of same dimensions and scribed B P 4-2080 brs
S. 55°28' E. 25 ft., and a second pine post of same
dimensions and scribing brs. N. 11° 17' W. 25 ft no
bearing monuments available,

Thence N. 11° 17' W.

938.1 along line ³⁻² 2-3 No.8 lode, Survey No. 1918 to the in
tersection of line 2-3 Rhine lode, Survey No.1872 at S.
S, 39° 41' W. 790.8 ft from Cor.No.3,

979.2 same bearing to Cor.No.5 the NW cor identical with loca-
tion a pine post 4 ft long 4 ins sq set 1 ft in the ground
in a mound of stones and scribed ~~5-2080~~ 5-2080 T L whence a pine
post of same dimensions and scribed ^{*BP} 5-2080 brs. S. 11° 17E
25 ft and a second pine post of same dimensions and
scribing brs. N. 42° 8' E. 25 ft., no bearing monuments
available,

Thence N. 42° 08' E.

373.9 to original location for N E C

747.8 same bearing to Cor.No.1 the place of beginning.

Ledge

The presumed course of the vein on this claim is
from the S E C location N. 10° 36' W. 1472.1 ft.,

A R E A.

Total area Tom lode,	18328
Less area in conflict with Rhine lode, Survey No.1872,	<u>0.283</u>
Net area Tom lode,	18,045 ac.

*Area in conflict with Burlington
Lode survey No 1918, 1.092, acres, not
excluded from the total area of this
survey.*

IMPROVEMENTS.

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

No.1	Discovery shaft 4x6x10 ft brs from N E C location S. 10° 36' W. 200 ft Value	\$100.00
No.2	Open Cut 4½x6x18 ft brs from Cor.No.1 S.37° W. 370 ft. Value	50.00
No.3	Open Cut 4½x6x18 ft brs from same point S.36°30' W 340 ft., Value	50.00
No.4	Open Cut 4½x6x18 ft. brs from Cor.No.1 S.38°40' W 388 ft., Value	<u>50.00</u>
	Total improvements Tom lode,	\$250.00

ADJOINING CLAIMS.

North Rhine lode, Survey No.1872 MJ.Cunningham et al owner
 East George lode, Survey No.2079 owned by applicant herein
 South Burlington lode Survey No.1917 and Helena lode Survey
 No.1918 I W W Icke et al owners;
 West No.8 lode Survey No.1918 same owner

LOCATION.

This claim is located about 4¼ mi in a SE direction from the City of Bisbee, in Cochise County, Territory of Arizona on unsurveyed lands in the Warren Mining District 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. Mountain and mining transit, the courses were deflected from the true meridian as determined by Solar observation checked by an observation on Polaris; the distances were measured with a 300 ft steel tape; magnetic variation
 12°
 E° 30' E.

Franklin W. Smith

U. S. Deputy Mineral Surveyor.

June 18-05
 Bisbee, Arizona. (over)

Note

Any discrepancies in the courses and distances of this survey and those of the adjoining approved and conflicting surveys are due to errors in the latter.

Complete affidavit of \$500 improvements will be furnished before the expiration of publication.

Any discrepancy between the report of the area of the Burlington Conflict in this survey, and that of survey no 1917, is due to error in the latter survey resulting from discrepancies in courses and distances.

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 Tom.....

and showing the respective capacities in which they acted.

R. A. Zuesemer, Chainman.

D. E. Curry, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We R. A. Zuesemer.....

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 Tom.....

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. A. Zuesemer....., Chainman.

D. E. Curry....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 18th.....

day of June....., 190⁵.....

Corra C. Smith
Notary for the County of..... State of.....

(4-686.)

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 Hoval A Smith, known as the Tom Warren, situate in Cochise County, Arizona, in Section Approx, Township No. 23S, Range No. 24E ~~35R~~ ~~13N~~ and designated as Survey No. 2080, 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 18th
day of June 1905

Core Smith

NOTARY PUBLIC
in and for the County of Cochise, Territory of Arizona
My Commission Expires March 21, 1905

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Tom
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 Thos. A. Tate, George Williams and Parker L. Woodman All citizens of U.S.
(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 8 day of Feb. 1902

The length of this claim is 1500 feet,
and ave claim 1300 feet,
in a South direction and 200
feet in a North 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
North to the South

The claim is situated and located in the Warren Mining District, in
Cochise County, in the Territory of Arizona, about 2 miles
in a Southeasterly direction from Mineral Monument No. 2
and is bounded on the North end by the Risque claim
Jacob Risque and others owners and south of the Moreto
Road at a point known as the Gap

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

Monument of stones

at a point in a Northwesterly direction 200 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 monument
, being the Northwest corner of said claim; thence
1500 feet to a monument, being at the
Southwest corner of said claim; thence 300 feet
to a monument at the center of the South end of said claim;
thence 300 feet to a monument, being at the
Southeast corner of said claim; thence 1500
feet to a monument at the Northwest corner of said claim;
thence 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 8th day of Feb 1902

Thos. A. Tate
George Williams
Parker L. Woodman

Filed and recorded at request of Thos. A. Tate, Feb. 26, 1902 at
1 P. M. Book 20, Page 7, 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.

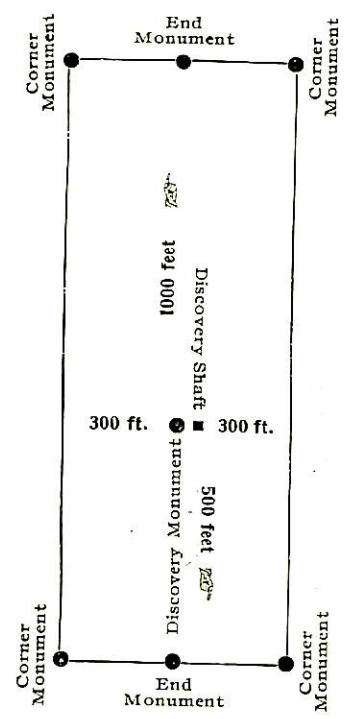
Book.....

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 Tom Mining Claim, filed and recorded in my office on the 26 day of Feb. 1902 in Book 20, at page 7, 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.

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 24", 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 Tom
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. 2080, 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 improve-
ments made upon said mining claim by claimant or his grantors, and that said improvements
consist of, at time of survey, 1 shaft and 3 cuts, total
value \$950.00

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 27, 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 Hoval A. Smith,

known as the Tom

situate in Warren Mining District, Cochise County, Arizona.

in Section APPROX., Township No. 23 S., Range No. 24 E. unsurveyed, designated as Survey No. 2080

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, June 16 to 17 1905.

May 29, 1905, 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.

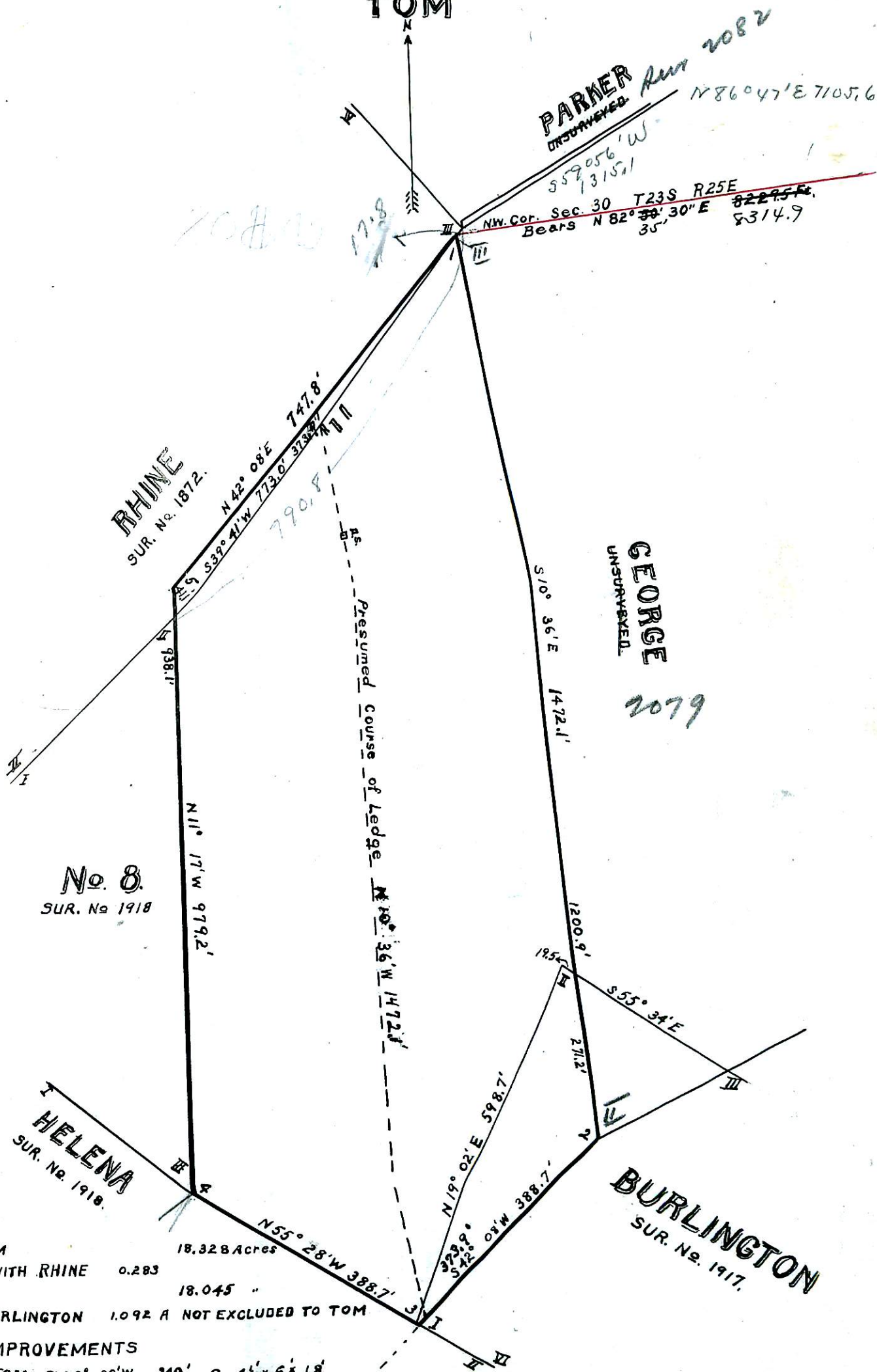
Frank A. Ingalls

U. S. Surveyor-General for Arizona.

SURVEY NO. 2080

SCALE 200ft.=1IN.

TOM



TOTAL AREA TOM	18.328 Acres
LESS CONFLICT WITH RHINE	0.283
NET AREA TOM	18.045 "
CONFLICT WITH BURLINGTON	1.092 A NOT EXCLUDED TO TOM

IMPROVEMENTS

FROM COR. No. 1 TOM	S 36° 30' W	340'	C	4 1/2' x 6' x 18'
" " "	S 37° W	370'	C	4 1/2' x 6' x 18'
" " "	S 38° 40' W	388'	C	4 1/2' x 6' x 18'
" NEG.	S 10° 36' E	200	ns.	4 x 6 x 10'

Dice