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SEP 13 1905

Notes copied
C. 74

(4-683.)

Mineral Survey No. 7146

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Frank J. Smith

KNOWN AS THE

Lizzie Manning Star, Fitz
Graham Mining District,

Yuma County, Arizona

Section 36, Township 23 S, Range 1st E. unincorporated

Surveyed under instructions dated Aug 14, 1905.

by Franklin M. Smith
U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced August 21st, 1905.

Survey completed August 28th, 1905.

6-6-05

Post office address of claimant.
W. B. B. Yuma County Arizona

Ties ✓
Sedges ✓
will ✓
areas ✓

Libbie.

Feet

Beginning at Cor.No.1, 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 and scribed 1-2146 L L whence a pine post of same dimensions and scribed B. P. 1-2146 brs. N. $41^{\circ} 35'$ W. 50 ft and a second pine post of same dimensions and scribing brs. N. $26^{\circ} 31'$ E. 50 ft., and NW ^{Cor.} Sec 2 Tp 24 S R 24 E G & S R B & M brs. S. $16^{\circ} 54' 30''$ E. 5768.3 ft.,

Thence N. $41^{\circ} 35'$ W.

309.0 to original location for S E C.,

599.0 same bearing to Cor No.2 the SW cor identical with location and with a cor of Leslie lode unsurveyed, and with Cor.No.4 Morning Star lode of this survey, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2146 L L, whence a pine post of same dimensions and scribed B. P. 2-4-2146 brs S. $41^{\circ} 35'$ E. 50 ft and a second pine post of same dimensions and scribing brs. N. $26^{\circ} 31'$ E. 50 ft.,

Thence N. $26^{\circ} 31'$ E.

1260.3 to Cor.No.3, identical with Cor.No.3 Morning Star lode, of this survey, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-²¹⁴⁶~~2146~~ L L whence a pine post of same dimensions and scribed B. P. 3-2146 brs N. $85^{\circ} 49'$ E. 50 ft and a second pine post of same dimensions and scribing brs. S. $85^{\circ} 49'$ W. 50 ft.,

Thence N. $85^{\circ} 49'$ E.

148.25 to Cor.No.4 identical with the SE cor of Old Stratton lode unsurveyed, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2146 L L whence a pine post of same dimensions and scribed B. P. 4-2146 brs S. $85^{\circ} 49'$ W. 50 ft.

Thence N. $0^{\circ} 39'$ W

20.0 to the intersection of the E P & S W R R bearing easterly
(1) to Don Luis station and westerly to French station,

From the S E location N. 26° E 1/4 M. ~~447.6 ft.~~ 1472.7

The presumed course of the vein on this claim is
head-

1492.2 same bearing to cor. No. 1, the place of beginning.
1347.6 to cor. No. 2 Irene lode, survey No. 2145,

Thence S. 26° E 1/4 W

to cor. No. 3, 26° E 1/4 W, 50 ft.

50 ft and second pine post of same dimensions and bearing
of same dimensions and bearing B. P. 6-2146 bearing N. 41° 25' W
a non-rot stone and bearing 6-2146 L. whence pine post
a pine post 4 ft long 4 in. set 1 ft in the ground in
Harpole lodes survey No. 2120, and Irene lode survey No. 2145
station and with cor. No. 1, 2 and 3 respectively of B. P. 6 and

524.4 same bearing to cor. No. 6 the NW cor. identical with 10-

N. 26° E 1/4 W

and in a westerly direction to French station on the
bearing in an easterly direction to non lode station
344.4 same bearing to the intersection of the N. 26° E 1/4 W

234.4 to original location for N. E. C

Thence S. 41° 25' E

to cor. No. 2 lode, survey No. 2120 bearing N. 41° 25' W, 64.6 ft
50 ft and original location for NW cor. identical with cor.

pine post of same dimensions and bearing B. P. 6-2146
bearing B. P. 5-2146 bearing N. 50° E 1/4 W and a second

6-2146 L. whence a pine post of same dimensions and
set 1 ft in the ground in a head of stone, and bearing

to cor. No. 2 lode, survey No. 2120 a pine post 4 ft long 4 in. set

unswayed to cor. No. 5, the NW cor. situated on line 1-2

147.9 same bearing along the E side line of old stratum lode

feet

Survey No. 2146

Feet

Morning Star

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 1-2146 M S L, whence a pine post of same dimensions and scribed B. P. 1-2146 brs N. 26° 31' E. 50 ft and a second pine post of same dimensions and scribing brs. N. 85° 49' E. 50 ft and NW cor Sec 2 T 24 S R 24 E G & S R B & L brs. S 64° 17' 30" E. 6400.2 ft.,

Thence N. 26° 31' E.

353.6 to Cor.No.1 Fitz lode of this survey, and the intersection of the north side line of Leslie lode unsurveyed at S. 58° 15' E. 317.8 ft from the NW cor.,

1078.4 same bearing to Cor.No.5 Fitz lode of this survey and identical with a Cor. of Fraction No.3 unsurveyed,

1260.3 same bearing to Cor.No.2 the NW cor identical with location situated on the S side line of Schenectady lode unsurveyed and identical with a cor of Fraction No.3 unsurveyed, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2146 M S L whence a pine post of same dimension and scribed B.P. 2-2146 brs S. 26° 31' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 85° 49' E. 50 ft.,

Thence N. 85° 49' E.

270.0 to original location for N E C ,

600.0 same bearing along the S E line of Old Stratton lode unsurveyed to Cor.No.5 the NE cor identical with location and with Cor.No.5 Libbie lode of this survey, a pinepost etc and scribed 3-2146 M S L,

Thence S. 26° 31' W.

1260.3 to Cor.No.4, the SE cor identical with location and with Cor.No.2 Libbie lode of this survey and with a cor of Leslie lode unsurveyed a pine post etc and scribed 4-2146 M S L,

Survey No. 2146
Morning Star lode,

Feet

and NW cor Leslie lode unsurveyed brs N. $58^{\circ} 15' W.$
835.9 ft.,

Thence S. $35^{\circ} 49' W.$

350.0 to original location for S E C.,
600.0 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. $26^{\circ} 31' E.$ 1260.8 ft.

----- F I T Z. -----

Beginning at Cor.No.1, the SE cor identical with lo-
cation and on the N side line of Leslie lode unsurveyed
S. $58^{\circ} 15' E.$ 317.2 ft from the NW cor., a pine post
4 ft long 4 ins sq set 1 ft in the ground in a mound of
stones and scribed 1-2146 F L whence a pine post of same
dimensions and scribed 1-2146 B.P. brs N. $26^{\circ} 31' E.$
50 ft, and a second pine post of same dimensions and
scribing brs. N. $69^{\circ} 58' W.$ 50 ft., and NW cor Sec 2 Tp
34 S R 24 E G & S R B & M., brs. S. $21^{\circ} 57' 30'' E.$
6728.2 ft.,

Thence N. $69^{\circ} 58' W.$

200.0 to original location for S E C,
294.1 same bearing to Cor.No.2 the SW cor., a pine post 4 ft
long 4 ins sq set 1 ft in the ground in a mound of stones
and scribed 2-2146 F L, whence a pine post of same di-
mensions and scribed B P 2-2146 brs N. $5^{\circ} 15' E.$ 25ft
and a second pine post of same dimensions and scribing
brs. S. $69^{\circ} 58' E.$ 25 ft., and original location for SW
cor brs N. $69^{\circ} 58' W.$ 130 ft.,

Thence N. $5^{\circ} 15' E.$

66.7 along the E end line of Excelsior lode, unsurveyed,
to the NW cor of Leslie lode, unsurveyed,

253.7 same bearing to Cor.No.3, identical with the NE and
(4) SE cors respectively of Excelsior and Fraction No.2 lodes

Fitz lode

Feet

unsurveyed, and with a Cor. ~~H~~^G. Fraction No. 3 lode unsurveyed a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2146 F L whence a pine post of same dimensions and scribed B. P. 3-2146 brs S. 5° 15' W. 25 ft and a second pine post of same dimensions and scribing brs. N. 29° 38' E. 25.0 ft.,

Thence N. 29° 38' E

476.5 to Cor. No. 4 the NE cor identical with location and with an angle cor of Fraction No. 3 lode unsurveyed, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2146 F L, whence a pine post of same dimensions and scribed B. P. 4-2146 brs S. 29° 38' W. 25.0 ft and a second pine post of same dimensions and scribing brs. S. 69° 58' E 25 ft.,

Thence S. 69° 58' ~~W~~^E

162.7 to original location for NE C.,

362.7 same bearing to Cor. No. 5 NE cor identical with location and with a Cor of Fraction No. 3 lode unsurveyed and situated on line 1-2 Morning Star lode of this survey, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 5-2146 F L whence a pine post of same dimensions and scribed B. P. 5-2146 brs N. 69° 58' W. 25 ft and a second pine post of same dimensions and scribing brs S. 26° 31' W. 25 ft.,

Thence S. 26° 31' W.

724.3 along line 2-1 Morning Star lode of this survey to Cor No 1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the F N C location N. 26° 31' E. 724.3 ft.

AREA

Total and net area Lipbie lode,	18.628 ac. ✓
Total area of Morning Star lode,	14.932 ✓
Less area in conflict with Leslie lode <i>unsurveyed</i>	2.094 ✓
Net area Morning Star lode,	12.838 ✓
Total <i>area of Fitz lode</i>	6.013 ✓
(<i>unsurveyed</i>) Less area in conflict with Leslie lode,	0.218 ✓
Net area Fitz lode,	5.795 ✓
Net area group	37.261 ✓

Survey No. 2146

Libbie et al

Improvements.

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

LIBBIE: Discovery shaft 4x6x25 ft brs from S E C location
N. 26° 31'E. 130 ft., Value, \$250.00

MORNING STAR: Discovery shaft 4x6x20 ft brs from S E C
N 26°31'E. 400 ft., Value, 200.00

FITZ: No. 1 Discovery shaft 4x6x10 ft brs from N E C
S. 26° 31' W. 330 ft., Value, 100.00

Note Complete affidavit of \$500 for each location of this group will be furnished prior to the expiration of the period of publication.

ADJOINING CLAIMS.

North Fraction No.3, Schenectady, Old Stratton lodes, unsurveyed
Swart Kinsella & Co. owners, U.S.lode, Survey No.2120
owned by applicant herein.

East Apple lode, Survey No.2120, same owner, Irene lode
Survey No.2145, same owner;

South Leslie lode, unsurveyed, same owner;

West Excelsior lode, unsurveyed, same owner. Fraction No.2
lode unsurveyed, Swart Kinsella & Co., owner

LOCATION.

This group is located about $1\frac{1}{2}$ mi in an easterly di-
rection from Don Luis Station on the B P & S W R R
on unsurveyed lands in the Warren Mining District, Cochise
County, Territory of Arizona, approximately in T₂₅ S
R 24 E G & S R E & N.,

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 variations 12°50'E. *Franklin W. Smith*
Dated at Bisbee, Arizona, U.S. Deputy Mineral Surveyor.
September 4, 1905.

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.....

known as the Noval A. Smith
Lebbie W. Manning, et al.

and showing the respective capacities in which they acted.

- W. B. Lawrence, Chairman.
- J. C. Keenan, Chairman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We, W. B. Lawrence

and J. C. Keenan, 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.....

known as the Noval A. Smith
Lebbie W. Manning, et al.

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.....

- W. B. Lawrence, Chairman.
- J. C. Keenan, Chairman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 4th

day of September, 1905.

Corcoran

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

(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 August 14, 1909, 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 Abel J. Smith, known as the Abel J. Smith Claim, situate in Maricopa Mining District, Maricopa County, Arizona, in Section 36, Township No. 22, Range No. 18 E, and designated as Survey No. 2146, 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 Sam E. Smith
this 4th
day of September,

Sam E. Smith

A. W. Anderson

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

Territory of Arizona, {
County of Cochise. {ss.

10

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 Fitz Mining Claim, filed and recorded in my office on the 15 day of October, 1902, in Book 22, at page 172, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof of.

Witness my hand and seal of office this 11th day of August, 1905

Frank Hare
County Recorder

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Fitz 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 Chas Wills of Bisbee, Arizona

A. W. Anderson,
(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 23 day of July 1902

The length of this claim is 1500 feet, and the claim 300 feet, in a Northerly direction and 1200 feet in a Southerly 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 _____ to the _____

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 4 Miles in a Southerly direction from Bisbee

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

at a point in a Northerly direction 300 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 Post, being the N.W. corner of said claim; thence 1500 feet to a Post, being at the S.W. corner of said claim; thence 300 feet to a Post at the center of the South end of said claim; thence 300 feet to a Post, being at the S.E. corner of said claim; thence 1500 feet to a Post at the N.E. 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 23 day of July 1902

Chas. Wills
A. W. Anderson

Filed and recorded at request of A. W. Anderson, Oct 15, 1902 at 11 a. m.

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.....

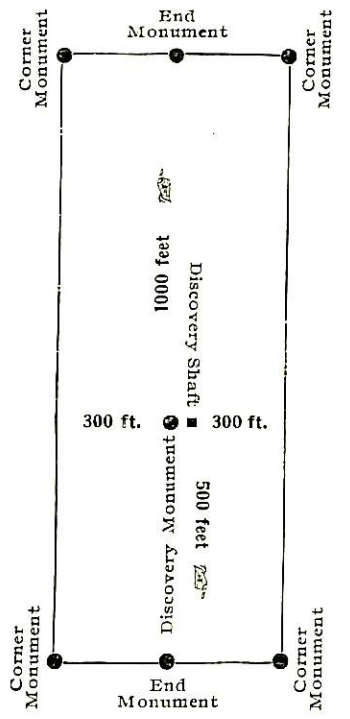
at.....M.

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.

Notice of Mining Location

Quartz ~~LODE~~ CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Libbie 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 Chas Mills of Bisbee, Ariz. & A. W. Anderson
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

by the undersigned, on the 10th day of February 1902

The length of this claim is 1500 feet, and we claim 1400 feet, in a northerly direction and 100 feet in a southerly 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 _____ to the _____

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 4 miles in a southerly direction from Bisbee, Ariz.

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

a post

12

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 Libbie Mining Claim, filed and recorded in my office on the 17 day of April, 1902 in Book 20 at page 212, 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 11th day of August, 1905.

Frank Hare
County Recorder.

Filed and recorded at request of Chas. Mills, Apr. 17, 1902 at 4:10 P.M.

Book 20, page 212, 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.

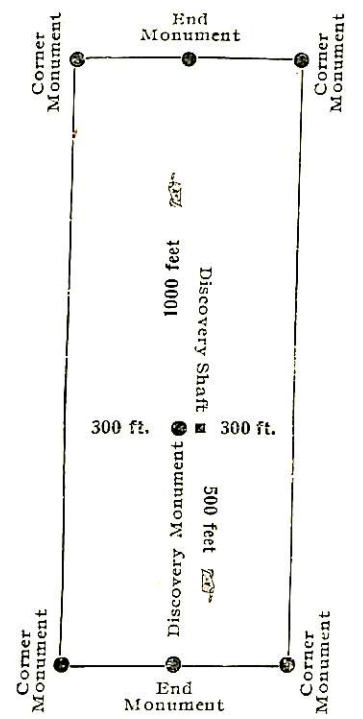
Book

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.

{ corner of said claim; thence
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 Morning Star Mining Claim, filed and recorded in my office on the 17 day of April, 1902, in Book 20, at page 214, 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 11th day of August, 1905

Frank Hare
County Recorder.

Compared & recorded at record of...
NO. 119 - NOTICE OF LOCATION OF THIS CLAIM...
Page 214, Record of Mines

M.

Notice of Mining Location

Quartz **LODE CLAIM**

To All Whom It May Concern:

This Mining Claim, the name of which is the *Morning Star* 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 *Chas. Mills of Bisbee, Ariz. &*

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

by the undersigned, on the *10th* day of *February* 1902.

The length of this claim is *1500* feet,
and *we* claim *1050* feet,
in a *northerly* direction and *450* feet in a *southerly* 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 _____ to the _____

The claim is situated and located in the *Maricopa* Mining District, in *Cochise* County, in the Territory of Arizona, about *4 miles* in a *southerly* direction from *Bisbee, Ariz.*

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

a post

at a point in a *northerly* direction *1050* 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 *post*, being the *N. West* corner of said claim; thence *1500* feet to a *post*, being at the *S. West* corner of said claim; thence *300* feet to a *post* being at the center of the *south* end of said claim; thence *300* feet to a *post*, being at the *S. East* corner of said claim; thence *1500* feet to a *post* at the *N. East* 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 ^{Codify} ~~Revise~~ and ^{Revise} ~~Codify~~ the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this *10th* day of *February* 1902.

Chas. Mills

A. M. Anderson

Filed and recorded at request of *Chas. Mills*, Apr. 17, 1902 at 4:10 P.M.

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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.....

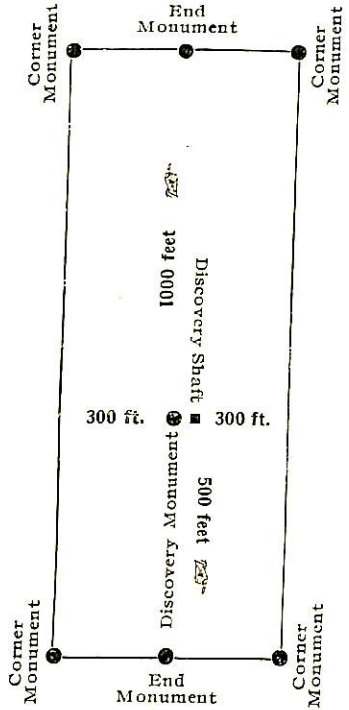
at..... M.

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.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

Oct. 13, 1905

I, U. S. Surveyor-General for 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 Libbie, Morning Star, Fitz situate in Warren

Mining District, Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. (unsur), and

designated as Survey No. 2146, 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 each of said mining claim by claimant or his grantors, and that said improvements consist of, at time of survey, 3 shafts, total value \$550.00

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.

(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

Oct 13, 1905

I, U. S. Surveyor-General for 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

Libbie, Morning Star, Fitz

Warren Mining District,

Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. (unsur)

designated as Survey No. 2146

executed by Franklin W. Smith, U. S. Deputy Mineral

Surveyor, Aug. 21st to Aug. 28, 1905, under my instructions dated

Aug. 14, 1905, 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.

Franklin W. Smith

U. S. Surveyor-General for Arizona.

157205

Survey No. 2146
Fitz et al

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owned by Hoval A. Smith
and situated in Warren Mining District, Cochise County,
Territory of Arizona.

Affidavit of \$500 improvements.

I certify that the value of the labor and improvements
on this group placed thereon by the claimant or his
grantors is not less than \$500 for each location thereof
and that said improvements consist of:

FITZ.

No. 1	Discovery shaft 4x6x10 ft brs from P E C S 26° 31' W. 320 ft Value,	100.00
No. 2	Shaft 4x6x10 ft brs from Cor. No. 5 S. 33° 30' W. 336 ft Value,	100.00
No. 3	Shaft 4x6x15 ft brs from Cor. No. 5, S. 33° 10' W. 352 ft Value,	150.00
No. 4	Shaft 4x6x10 ft brs from Cor. No. 5 S. 33° 50' W. 368 ft Value,	100.00
No. 5	Shaft 4x6x10 ft brs from Cor. No. 4, S. 26° 30' W. 200 ft Value,	- 100.00
	Total	550.00

MORNING STAR

No. 1	Discovery shaft 4x6x20 ft brs from S E C N. 26° 31' E 400 ft Value	200.00
No. 2	Shaft 4x6x10 ft brs from S E C N. 26° 31' E. 258 ft Value,	100.00
No. 3	Shaft 4x6x10 ft brs from S E C N. 26° 31' E. 270 ft Value,	100.00
No. 4	Shaft 4x6x10 ft brs from S E C N. 26° 31' E. 291 ft Value,	100.00
	Total	500.00

L IBBIE

No.1	Discovery shaft 4x6x25 ft brs from S E C N. 26° 31' E. 131 ft Value,	250.00
No.2	Shaft 4x6x10 ft brs from S E C N. 28° 32' E. 135 ft Value,	100.00
No.3	Shaft 4x6x10 ft brs from S E C N. 26° 31' E. 70 ft Value	100.00
No.4	Shaft 4x6x10 ft brs from S E C N. 26° 31' E. 100 ft Value,	100.00

Total 550.00

Total on group \$1600.00

Franklin W. Smith

U S Deputy Mineral Surveyor

Dated at Bisbee, Arizona,

December 5, 1905

Affidavit of Five Hundred Dollars Improvements.

We, F. P. Devereux and A. J. Balmforth

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

"Mormon Star Libby" mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which

Howal A. 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

his grantor \$ exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

F. P. Devereux
A. J. Balmforth

TERRITORY OF ARIZONA,
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 5th day

of December, 1905

[SEAL.]

Conrad S. ...

17171b400-3-05

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

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

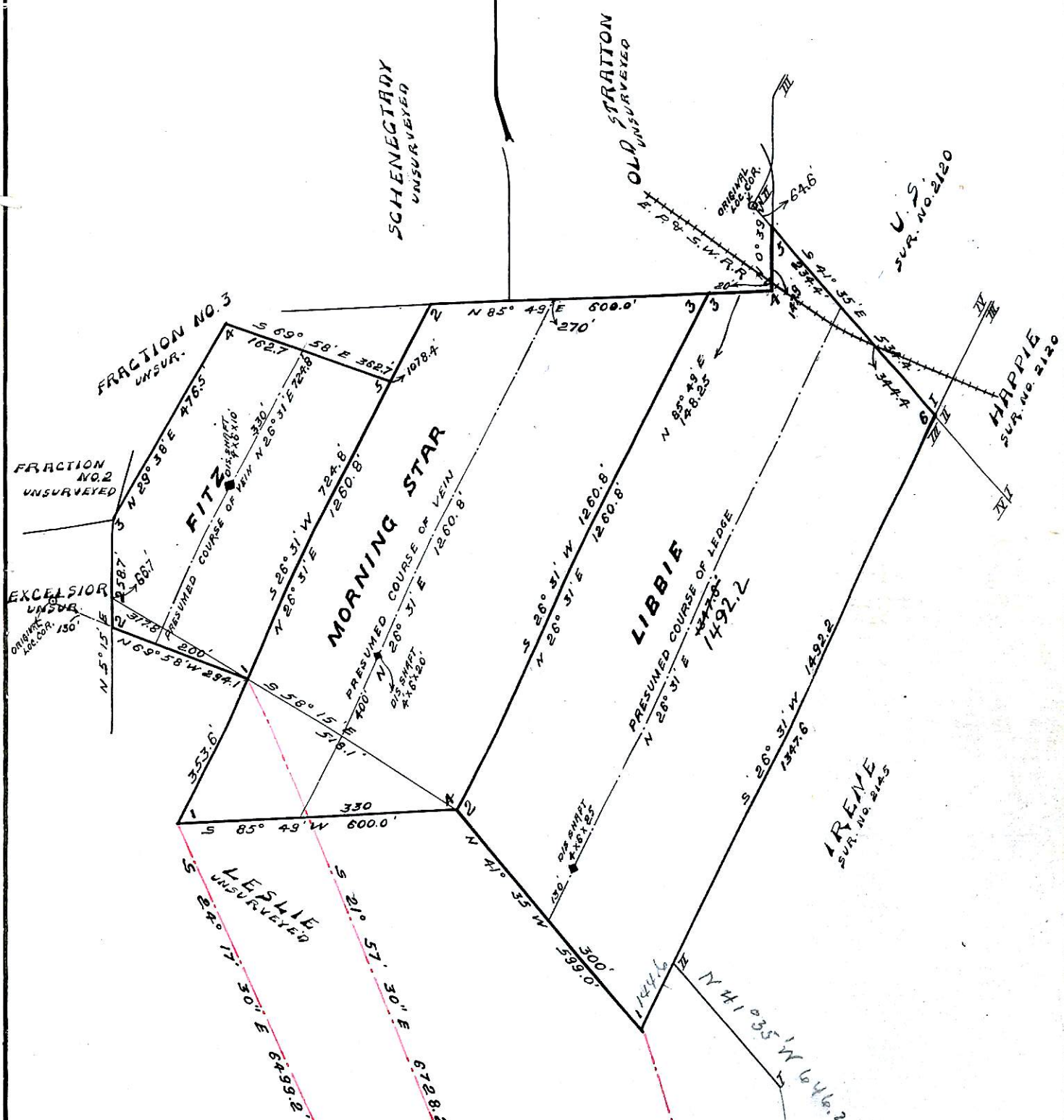
I, U. S. Surveyor General for the district of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or his grantors, upon the mining claim of
Hoval A. Smith,
known as the Fitz, Morning Star, Libbie,
situate in Warren, mining district,
Cochise County, Arizona,
in Section _____, Township No. _____, Range No. _____;
that said improvements consist of On the Fitz, 5 shafts, value \$550.
On the Morning Star, 4 shafts, value \$500. On the Libbie,
4 shafts, value \$550. Total value \$1600.

_____ 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
Dec. 5, 1905, 18 _____, is hereto attached.

(Signed) Frank S. Ingalls,U. S. Surveyor General for Arizona,*Office of U. S. Surveyor General,*Phoenix, Arizona,Dec. 16, 1905, 18 _____

SURVEY NO. 2146 SCALE 300 FT. = 1 IN.

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TOTAL AREA OF FITZ	6.013	Acres
AREA IN CONFLICT VS. LESLIE	0.218	
NET AREA OF FITZ	5.795	
TOTAL AREA OF MORNING STAR	14.932	
AREA IN CONFLICT VS. LESLIE	2.094	
NET AREA OF MORNING STAR	12.838	
TOTAL AND NET AREA OF LIBBIE	18.628	

172055'-E
 15299.5'