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(4-683.)

Mineral Survey No. 2385

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J O P L I N M I N I N G C O M P A N Y

KNOWN AS THE

Duane, Joplin and Missouri

TYNDALL Mining District,

SANTA CRUZ County, ARIZONA

Section 12, Township 21 S., Range 14 E. (Unsurveyed)
Section 7, Township 21 S., Range 15 E. (Unsurveyed)

Surveyed under instructions dated Jan. 28th, 1907

by Philip Contzen,
U. S. Deputy Mineral Surveyor.

Claim located (See location Notices) 1

Survey commenced March 29th, 1907

Survey completed March 30th, 1907

o 6-100

Address;

W. J. Kirkpatrick ,
Attorney,
Tucson, Ariz.

cut May 10

D U A N E L O D E Survey No. 2385.

Beginning at Cor. No. 1, identical with the location, and with Cor. No. 2 of the Record Lode, Survey No. 2137., which is a granite stone 15 x 20 x 8 ins. above the ground with a mound of stone alongside.

I chisel same D-1-2385 on N. W. face, whence
Cor. of secs. 7-12-13-18, Tps. 21 S. Rs. 14-15 E.
brs. S. 24° 41' W. 1041.75 ft.
An oak 6 ins. diam. blazed and scribed 1-1-2385 B T
brs. N. 40° 30' E. 45 ft.
An oak 24 ins. diam. blazed and scribed 1-1-2385 B T
brs. N. 54° W. 32 ft.

Thence N. 87° 19' W.
Var. 13° E.

200 Gulch, course N. W.
360 Gulch, course S. W.
453 Intersect Range line bet. Tps. 21 S., Rs. 14-15 E.
from which $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, brs. N. 1° 2' W. 2026.2 ft. and cor. of secs. 7-12-13-18,
brs. S. 1° 2' E. 968.3 ft.
480 Gulch, course N. W.
1100 Gulch, course S. W. and road brs. N. and S. W.
1470 Road, brs. S. W. and N. E.
1500 To Cor. No. 2, identical with the location, and with
Cor. No. 4 of the Mineral No. 2 Lode, Survey No. 2137.
which is a granite stone 15 x 20 x 8 ins. above the
ground, with mound of stone alongside.
I chisel same D-2-2385 on N. E. face, whence
An oak 6 ins. diam. scribed and blazed 2-2385 B T
brs. S. 10° E. 28 ft.
An oak 10 ins. diam. blazed and scribed 2-2385 B T
brs. N. 19° 30' E. 32 ft.

Thence N. 2° 41' E.
Var. 13° E.

160 Top of ridge, brs. E. and W.
300 W. end center, identical with the location, and with
E. end center of Mineral No. 2 Lode, Survey No. 2137.
which is a mound of stone 3 ft. base and 3 ft. high.
370 Trail, brs. N. W. and S. E.
400 Gulch, course N. W.
600 To Cor. No. 3, identical with the location, and with
Cor. No. 3 of the Mineral No. 2 Lode, Survey No. 2137.
which is a volcanic stone 20x 24x 12 ins. above ground,
with a mound of stone alongside.
I chisel same D-3-2385 on S. E. face, whence
An oak 10 ins. diam. blazed and scribed 3-2385 B T
brs. N. 51° E. 16 ft.
An oak 14 ins. diam. blazed and scribed 3-2385 B T
brs. N. 51° 30' W. 20 ft.

Thence S. 87° 19' E.
Var. 13° E.

1008 Intersect Range line bet. TPs. 21 S. Rs. 14-15 E.
from which $\frac{1}{4}$ sec. cor. of secs. 7 and 12, brs. N. 1° 2'
W. 1424.9 ft. and cor. of secs. 7-12-13-18, brs. S. 1°
2' E. 1569.6 ft.
1500 To Cor. No. 4, identical with the location, which is
a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high.
Set a granite stone 24 x 12x 12 ins. set 12 ins. in
the ground.
I chisel same D-4-2385 on S. W. face, whence
An oak 24 ins. diam. blazed and scribed 2-4-2385 B T
brs. S. 17° 30' W. 33.4 ft.
An oak 12 ins. diam. blazed and scribed 2-4-2385 B T
brs. N. 51° 30' W. 20 ft.

Thence S. 2° 41' W.
Var. 13° E.

- 300 E. end center, identical with the location, which is
a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high.
600 To Cor. No. 1, the place of beginning.

J O P L I N L O D E Survey No. 2385.

Beginning at Cor. No. 1, identical with the location,
and with Cor. No. 1 of the Duane Lode of this survey,
and with Cor. No. 2 of the Record Lode, Survey No. 2137.
I chisel J-1-2385 on N E. face, of stone, whence
Cor. of secs. 7-12-13-18, Tps. 21 S., Rs. 14-15 E.
brs. S. $24^{\circ} 41'$ W. 1041.75 ft.

Thence N. $2^{\circ} 41'$ E.
Var. 13° E.

- 300 W. end center, identical with the location and with
the E. end center of the Duane Lode of this survey.
600 To Cor. No. 2, identical with the location, and with
Cor. No. 4 of the Duane Lode, of this survey.
I chisel on stone J-2-2385 on S. E. face.

Thence S. $87^{\circ} 19'$ E.
Var. 13° E,

- 1500 To Cor. No. 3, identical with the location, which is
a mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high.
Set granite stone 24 x 12 x 12 ins., 12 ins. in the
ground.
I chisel same J-3-2385 on S. W. face, and raise a
mound of stone alongside, whence
An oak 12 ins. diam. blazed and scribed 3-3-2385 B T
brs. S. $80^{\circ} 30'$ E. 26 ft. dist.
An oak 7 ins. diam. blazed and scribed 3-3-2385 B T
brs. N. 86° W. 30 ft. dist.

Thence S. $2^{\circ} 41'$ W.
Var. 13° E.

- 300 E. end center, identical with the location, which is
a mound of stone 3 ft. base $2\frac{1}{2}$ ft high.
600 To Cor. No. 4, identical with the location, which is
a mound of stone 3 ft. base $2\frac{1}{2}$ ft. high.
Set a granite stone 24 x 12 x 12 ins. 12 ins. in the
ground, and raise a mound of stone alongside.
I chisel stone J-4-2385 on N. W. face, whence
An oak 24 ins. diam. blazed and scribed 4-2385 B T
brs. N. $9^{\circ} 45'$ E. 12 ft. dist.
An oak 12 ins. diam. blazed and scribed J-4-2385 B T
brs. S. $42^{\circ} 30'$ W. 15 ft. dist.

Thence N. $87^{\circ} 19'$ W.
Var. 13° E.

- 1500 To Cor. No. 1, the place of beginning.

M I S S O U R I L O D E Survey No. 2385.

Beginning at Cor. No. 1, identical with the location
which is a mound of stone 3 ft. base $2\frac{1}{2}$ ft. high,
Set an oak post 4 ft. long, 4 ins. sq. 18 ins. in the
ground and surround same with mound of stone.
I scribe same M-1-2385 on S. E. face, whence
 $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, Tps. 21 S., Rs. 14 and
15 E. brs. N. ~~$41^{\circ} 21'$~~ ^{$41^{\circ} 21'$} W. ~~1560.04~~ ^{1560.04} ft. dist.

An oak 12 ins. diam. blazed and scribed 1-2385 B T
brs. N. 75° 30' W. 11.9 ft. dist.

An oak. 10 ins. diam. blazed and scribed 1-2385 B T
brs. N. 30° 30' W. 23.7 ft. dist.

Thence S. 2° 41' W.
Var. 13° E.

300 To Cor. No. 2, identical with the W. end center of this
Lode, which is an oak 6 ins. diam. surrounded by a mound
of stone.

I scribe said tree on the N. E. face M-2-2385, whence
Cor. No. 2 of the Joplin Lode and Cor. No. 4 of the Duane Lode
of this survey brs. N. 87° 19' W. 500 ft. dist.

S. W. Cor. of the location brs. S. 2° 41' W. 300 ft.
dist. which is a mound of stone 3 ft. base, 2 ft. high.

An oak 18 ins. diam. blazed and scribed 2-2385 B T brs.
S. 25° W. 12 ft. dist.

An oak 12 ins. diam. blazed and scribed 2-2385 B T brs.
N. 30° E. 37 ft. dist.

Thence S. 87° 19' E.
Var. 13° E.

1000 To Cor. No. 3, identical with Cor. No. 3 of the Joplin
Lode of this survey.

I chisel stone M-3-2385 on N. E. face.

Thence S. 2° 41' W.
Var. 13° E.

300 To Cor. No. 4, identical with the E. end center of the
Joplin Lode of this survey.

Set a granite stone 24 ins. x 12 x 12 ins., 12 ins.
in the ground, and raise a mound of stone alongside.

I chisel stone M-4-2385 on N. E. face, whence

An oak 12 ins. diam. blazed and scribed 4-2385 B T
brs. S. 89° E. 32.7 ft. dist.

An oak 12 ins. diam. blazed and scribed 4-2385 B T brs.
S. 30° W. 23.1 ft. dist.

Thence S. 87° 19' E.
Var. 13° E.

420 Gulch, course S. W.

500 To Cor. No. 5, identical with the location, which is
a mound of stone 3 ft. base, 2½ ft. high.

Set a granite stone 24 x 12 x 12 ins. 12 ins. in the
ground, and raise a mound of stone alongside.

I chisel stone M-5-2385 on N. W. face, whence

An oak 12 ins. diam. blazed and scribed 5-2385 B T brs.
S. 8° 30' W. 10.9 ft. dist.

An oak 12 ins. diam. blazed and scribed 5-2385 B T brs.
N. 40° W. 23 ft. dist.

Thence N. 2° 41' E.
Var. 13° E.

300 To E. end center, identical with the location, which is
a mound of stone 3 ft. base, 2½ ft. high.

400 Gulch, course W.

600 To Cor. No. 6, identical with the location, which is
a mound of stone 3 ft. base, 2½ ft. high.

Set a granite stone 24 x 12 x 12 ins., 12 ins. in the
ground, and raise a mound of stone alongside.

I chisel stone M-6-2385 on S. W. face, whence

An oak 24 ins. diam. blazed and scribed 6-2385 B T brs.
N. 32° E. 20 ft. dist.

An oak 12 ins. diam. blazed and scribed 6-2385 B T brs.
N. 46° E. 22 ft. dist.

Thence N 87° 19' W.
Var. 13° E.

40 Gulch, course S. W.
1100 Gulch, course N. W.
1500 To Cor. No. 1, the place of beginning.

A R E A.

Duane Lode.....20.661 Acres.
Joplin Lode.....20.661 "
Missouri Lode.....13.774 "

Total area of claim.....55.096 "

L O C A T I O N.

This claim is located in the S. E. $\frac{1}{4}$ of sec. 12, T. 21 S., R. 14 E., and the S. W. $\frac{1}{4}$ of sec. 7, T. 21 S., R. 15 E., Gila & Salt River Base & Meridian, Tyndall Mining District, Santa Cruz County, Arizona.

A D J O I N I N G C L A I M S.

This claim is bounded on the South by the Record Lode, Survey No. 2137, and on the West by the Mineral No. 2 Lode, Survey No. 2137.

C O U R S E O F V E I N.

The presumed course of the veins of the Duane, Joplin, and Missouri Lodes is from the W. end centers to the E. end centers, S. 87° 19' E. 1500 ft.

E X P E N D I T U R E O F F I V E H U N D R E D D O L L A R S.

I hereby certify that the value of the labor and improvements upon these claims placed thereon by the claimants and their grantors is not less than \$500 on each Lode, and that said improvements consist of the following;

Duane Lode;

From Cor. 4, discovery shaft No. 1, 4 x 6 ft. x 10 ft. deep, brs. S. 61° 30' W. 580 ft. dist.

Value \$100.00

Shaft No. 2, 4 x 6 ft., 10 ft. deep, brs. S. 72° W. 870 ft. dist.

Value \$100.00

Shaft No. 3, 4 x 6 ft., 10 ft. deep brs. S. 73° 30' W. 860 ft. dist.

Value \$100.00

Shaft No. 4, 4 x 6 ft., 10 ft. deep brs. S. 39° W. 340 ft. dist.

Value \$100.00

Shaft No. 5, 4 x 6 ft., 10 ft. deep brs. S. 35° 45' W. 370 ft. dist.

Value \$100.00

Note: 36 feet of Shaft No. 2 of the Joplin Lode of this survey is credited to the Duane Lode.

Value \$360.00

Joplin Lode;

From E. end center, discovery shaft No. 1, 4 x 6 ft. 10 ft. deep brs. N. 87° 19' W. 750 ft. dist.

Value \$100.00

Shaft No. 2, 7 x 10 ft., 110 ft. deep brs. N. 87° 19' W. 400 ft. dist.

Note— 37 ft. of this shaft are credited to this claim
Value \$370.00

Tunnel No. 3, 4 x 7 ft., 25 ft. long, course E.,
brs. W. 390 ft. dist. Value \$200.00

From Cor. 4, tunnel No. 4, 4 x 7 ft., 300 ft. long, course S. 25° E., brs. S. 55° W. 640 ft. dist.
Value \$2500.00

Tunnel No. 5, 4 x 7 ft., 80 ft. long, course S. 35°
W., brs. S. 47° 30' W. 590 ft. dist.
Value \$500.00

Missouri Lode;

From Cor. No. 2 (W. end center) discovery shaft No. 1
4 x 6 ft., 10 ft. deep, brs. S. 87° 19' E. 200 ft.
dist. Value \$100.00

Tunnel No. 2, 4 x 7 ft., 35 ft. long, course S. 10°
E., brs. N. 71° 45' E. 430 ft. dist.
Value \$300.00

Note: 37 ft. of Shaft No. 2 of the Joplin Lode of this
survey are credited to this Lode.
Value \$370.00

INSTRUMENT.

This survey was made with a Young & Sons light mountain transit with solar attachment. The courses were deflected from the true meridian as determined by direct solar observations, and checked on the lines of Survey No. 2137, which agreed. The distances were measured with a one hundred foot steel tape.

Philip Conyers

U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
 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 Joplin
Mining Company
 known as the Duane, Joplin and Missouri
 and showing the respective capacities in which they acted.

Geo. G. Ehrenborg, Chainman.
Patrick J. Reagan, Chainman.
Patrick J. Reagan, Axman.
Geo. G. Ehrenborg, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Geo. G. Ehrenborg
 and Patrick J. Reagan, do solemnly swear that we assisted Philip
Contzen, United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Joplin Mining Company
 known as the Duane, Joplin and Missouri
 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

Geo. G. Ehrenborg, Chainman.
Patrick J. Reagan, Chainman.
Patrick J. Reagan, Axman.
Geo. G. Ehrenborg, Flagman.

Subscribed and sworn to by the above-named persons before me this 8th
 day of April, 1907

W. G. Power
 Notary Public, Pima County, Arizona Territory.
 My Commission Expires April 27th, 1908.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Jan. 23th, 1907, 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 Claims of the Joplin Mining Company, known as the Duane, Joplin and Missouri, situate in Tyndall Mining District, Santa Cruz County, Arizona, in Section ¹²₇, Township No. ²¹₂₁ S., Range No. ¹⁴₁₅ E. (~~Unsurveyed~~), and designated as Survey No. 2385, 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.

Philip Contzen
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen,
 U. S. Deputy Mineral Surveyor, before me W. G. Power
 this 8th
 day of April, 1907..

W. G. Power
 Notary Public, Pima County, Arizona Territory.
 My Commission Expires April 27th, 1908.

Affidavit of Five Hundred Dollars Improvements.

We, George G. Ehrenborg and Patrick J. Reagan

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

Duane, Joplin and Missouri mining claims situate in Tyndall

mining district, Santa Cruz County, Arizona Territory, for which

Joplin Mining Company

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 exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

Geo. G. Ehrenborg

Patrick J. Reagan

TERRITORY OF ARIZONA,

COUNTY OF Pima

} ss:

Sworn to and subscribed before me this 8th day

[SEAL.]

of April, 1907.

11786b400-2-04

W. G. Power

Notary Public, Pima County, Arizona Territory,
My Commission Expires April 27th, 1908.

Notice of Mining Location

QUARTZ CLAIM

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Arizona 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 purpose of exploration and purchase by

Wm. J. ...
by the undersigned, on the 12 day of February 1902

The length of this claim is 100 feet and 100 feet in a North direction and 100 feet in a West direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 100 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 Arizona Mining District, in Yuma County, in the Territory of Arizona, about 100 in a North direction from

The surface boundaries of the claim are marked upon the ground as follows: Beginning at ... at a point in a North direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the end line of said claim; thence 100 feet to a North corner of said claim; thence 100 feet to a West corner of said claim; thence 100 feet to a South corner of said claim; thence 100 feet to a North corner of said claim; thence 100 feet to a West corner of said claim; thence 100 feet to a South corner of said claim; thence 100 feet to a North corner of said claim; thence 100 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 and Revise the Laws of the Territory of Arizona," approved March 16th, 1901.

Dated and posted on the ground this 12 day of February 1902

Wm. J. ...
...

An Act to Codify and Revise the Laws of the Territory of Arizona

SECTIONS 1-11.—INC. LOCATION OF CLAIMS

Be it enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. On the discovery of mineral in places on the public domain of the United States, the same may be located as a mineral claim by the discoverer for himself, for himself and others, or for others.

SECTION 2. Such location shall be made by erecting at or contiguous to the point of discovery, a conspicuous monument of stones not less than three (3) feet in height, or an upright post securely fixed, projecting at least four (4) feet above the ground, in which monument of stones or on which post, there shall be posted a location notice, which shall be signed by the name or names of the locator or locators. The location notice must contain: First, the name of the claim located; second, the name or names of the locators; third, the date of the location; fourth, the length and width of the claim in feet and the distance in feet from the point of discovery to each end of the claim; fifth, the general course of the claim; sixth, the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified.

SECTION 3. Until each and all of the above specified things shall have been done no right thereto shall be acquired.

SECTION 4. From the time of the location of a mining claim as above specified, the locator shall be allowed ninety (90) days within which to do or cause to be done, the following things: First, to cause to be recorded in the office of the County Recorder of the county in which the claim is situated, a copy of the location notice; second, to sink a discovery shaft in the claim to the depth of at least ten (10) feet from the lowest part of the rim of the shaft at the surface, and deeper if necessary, until there is discovered in said shaft mineral in place; third, to monument the claim on the ground so that its boundaries can be readily traced.

SECTION 5. A failure to do all the things enumerated in this section in the time and place specified shall be construed into an abandoning of the claim, and all right thereto of the discoverer and locator shall be forfeited.

SECTION 6. Such surface boundaries shall be marked by six (6) substantial posts, projecting at least four (4) feet above the surface of the ground, or by substantial stone monuments at least three (3) feet high, to-wit: One at each corner of said claim, and one at the center of each end line thereof.

SECTION 7. Any open-cut, adit or tunnel which shall be made as above provided for as a part of the location of a lode mineral claim, and which shall be equal in amount of work to a shaft ten (10) feet deep and four (4) feet wide by six (6) feet long, and which shall cut the lode or mineral in place at a depth of ten (10) feet from the surface, shall be equivalent as a discovery work to a shaft sunk from the surface.

SECTION 8. Location notice may be amended at any time, and the monument changed to correspond with the amended location; provided, that no change shall be made that will interfere with the rights of others.

SECTION 9. The amount of assessment or representation work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same shall be as provided by the laws of the United States.

SECTION 10. Within three (3) months after the expiration of the period of the time fixed for the performance of annual labor, or the making of such improvements upon any mining claim, the person on whose behalf such work or improvement was made, or some person for him knowing the facts, may make a record in the office of the County Recorder of the county wherein such claim is situated, an affidavit in substance as follows:

TERRITORY OF ARIZONA, } ss.

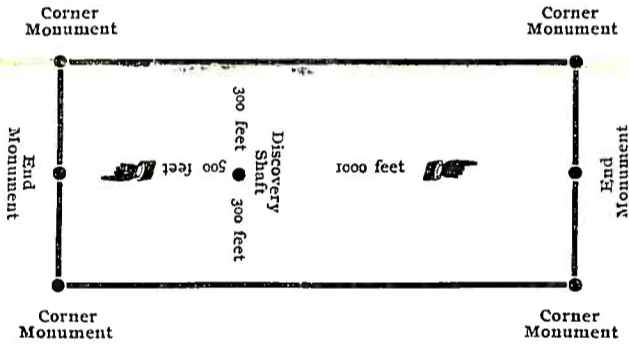
..... being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age, resides at in County, Arizona Territory, and is personally acquainted with the mining claim known as Mining District, Arizona Territory, the location notice of which is recorded in the office of the County Recorder of said County, in Book of Records of Mines, at page That between the day of A. D. and the day of A. D. at least dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of owners of said claim, for the purpose of complying with the laws of the United States, pertaining to assessments of annual work, and (here name the owners or men who worked upon the claim in doing the work) were the men employed by said owner, and who labored upon said claim, did said work and improvements, the same being as follows, to-wit: (Here describe the work done.)

Subscribed and sworn to before me, this day of A. D. (Signature.)

My commission as Notary Public expires on the day of A. D.

(Notary Seal.) Notary Public.

SECTION 11. Such affidavit, when so recorded, shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit, after it has been recorded, or a certified copy of record of same, or the record of same, shall be received as evidence accordingly by the Courts of this Territory. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing the boundary in the same manner and to the same extent as is required in making an original location; or the relocater may sink the original discovery shaft ten (10) feet deeper than it was at the date of the commencement of such location, and shall erect new, or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location notice shall state if the whole or any part of the new location is located as abandoned property, else it shall be void.



The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim, or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

TERRITORY OF ARIZONA, } ss.
County of

..... 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
QUARTZ CLAIM

Dated 190.....
Filed and recorded at request of

at A. D. 190.....
Book
Pages
By Deputy Recorder.

Notice of Mining Location.

QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the
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 purpose of exploration and purchase by

by the undersigned, on the day of 190.....

The length of this claim is
feet and claim
feet in a direction and
..... feet in a direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with
..... 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 Mining District, in
..... County, in the Territory of Arizona, about
in a direction from

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
.....
at a point in a direction feet from
the discovery shaft (at which this notice is posted), being in the center of the
end line of said claim; thence feet to a
being the corner of said claim: thence
feet to a being at the
corner of said claim; thence feet to a
being the center of the end of said claim; thence
feet to a , being at the
corner of said claim; thence feet to a
at the corner of said claim: thence
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 and Revise the Laws of the Ter-
ritory of Arizona," approved March 16th, 1901.

Dated and posted on the ground this day of 190.....

An Act to Codify and Revise the Laws of the Territory of Arizona.

SECTION 1-11.--INC. LOCATION OF CLAIMS.

Be it enacted by the Legislative Assembly of the Territory of Arizona:

Section 1. On the discovery of mineral in place on the public domain of the United States, the same may be located as a mineral claim by the discoverer for himself, for himself and others, or for others.

Section 2. Such location shall be made by erecting at or contiguous to the point of discovery, a conspicuous monument of stones not less than three (3) feet in height, or an upright post securely fixed, projecting at least four (4) feet above the ground, in which monument of stones or on which post there shall be posted a location notice, which shall be signed by the name or names of the locator or locators. The location notice must contain: First, the name of the claim located; second, the name or names of the locators; third, the date of the location; fourth, the length and width of the claim in feet and the distance in feet from the point of the discovery to each end of the claim; fifth, the general course of the claim; sixth, the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified.

Section 3. Until each and all of the above specified things shall have been done no right thereto shall be acquired.

Section 4. From the time of the location of a mining claim as above specified, the locator shall be allowed ninety (90) days within which to do or cause to be done the following things: First, to cause to be recorded in the office of the County Recorder of the county in which the claim is situated, a copy of the location notice; second, to sink a discovery shaft in the claim to the depth of at least ten (10) feet from the lowest part of the rim of the shaft at the surface, and deeper if necessary, until there is discovered in said shaft mineral in place; third, to monument the claim on the ground so that its boundaries can be readily traced.

Section 5. A failure to do all the things enumerated in this section in the time and place specified shall be construed into an abandoning of the claim, and all right thereto of the discoverer and locator shall be forfeited.

Section 6. Such surface boundaries shall be marked by six (6) substantial posts, projecting at least four (4) feet above the surface of the ground, or by substantial stone monuments at least three (3) feet high, to-wit: One at each corner of said claim, and one at the center of each end line thereof.

Section 7. Any open-cut, adit or tunnel which shall be made as above provided for as a part of the location of a lode mineral claim and which shall be equal in amount of work to a shaft ten (10) feet deep and four (4) feet wide by six (6) feet long, and which shall cut the lode or mineral in place at a depth of ten (10) feet from the surface, shall be equivalent as a discovery work to a shaft sunk from the surface.

Section 8. Location notice may be amended at any time, and the monument changed to correspond with the amended location; provided, that no change shall be made that will interfere with the rights of others.

Section 9. The amount of assessment or representation work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same shall be as provided by the laws of the United States.

Section 10. Within three (3) months after the expiration of the period of the time fixed for the performance of annual labor, or the making of such improvements upon any mining claim, the person on whose behalf such work or improvement was made, or some person for him, knowing the facts, may make a record in the office of the County Recorder of the county wherein such claim is situated, an affidavit in substance as follows:

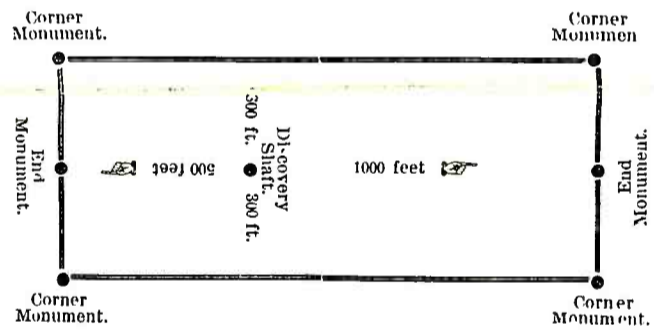
TERRITORY OF ARIZONA, ss.

I, [Name], being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age resides at [Address] in [County] Arizona Territory, and is personally acquainted with the mining claim known as [Name] Mining District, Arizona Territory, the location notice of which is recorded in the office of the County Recorder of said County, in Book [Number] of Records of Mines at page [Page] That between the [Date] day of [Month], A. D. [Year] and the [Date] day of [Month], A. D. [Year] at least [Amount] dollars worth of work and improvements were done and performed upon said claim not including the location work of said claim. Such work and improvements were made by and at the expense of [Name] owners of said claim for the purpose of complying with the laws of the United States pertaining to assessments of annual work, and [here name the owners or men who worked upon the claim in doing the work] where the men employed by said owner, and who labored upon said claim, did said work and improvements, the same being as follows, to-wit: [Here describe the work done.]

Subscribed and sworn to before me, this [Date] day of [Month], A. D. [Year] [Signature]

My commission as Notary Public expires on the [Date] day of [Month], A. D. [Year] Notary Public.

Section 11. Such affidavit, when so recorded, shall be prima facie evidence of the performance of such labor or the making of such improvements and said original affidavit, after it has been recorded, or a certified copy of record of same or the record of same, shall be received as evidence accordingly by the Courts of this Territory. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing the boundary in the same manner and to the same extent as is required in making an original location; or the locator may sink the original discovery shaft ten (10) feet deeper than it was at the date of the commencement of such location, and shall erect new, or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location notice shall state if the whole or any part of the new location is located as abandoned property, else it shall be void.



The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

TERRITORY OF ARIZONA, ss.

County of [Name] ss.

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

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

County Recorder.

Notice of Location QUARTZ CLAIM

DATED [Date]

Filed and Recorded at Request of [Name]

[Signature] at [Date] A. D. 190[Year] M.

Book [Number] Pages [Number]

By [Signature] County Recorder. Deputy Recorder.

Star Publishing Company, Tucson.

Notice of Mining Location

QUARTZ CLAIM

TO ALL WHOM IT MAY CONCERN:

"Missouri"

This mining claim, the name of which is the

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 purpose of exploration and purchase by

Mark Lulley

by the undersigned, on the 8th day of January 1904

The length of this claim is 1500 feet and 1/2 claim

feet in a Easterly direction and 100 feet in a westerly 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 westerly to the Easterly

The claim is situated and located in the

Syndall

Mining District, in

Santa Cruz County, in the Territory of Arizona, about

two miles

in a Easterly direction from

Arizona Gold & Copper Co. Concentrator

and about 3 mile South East from Wandering Jew mine and is the Eastern extension of the Joplin mine

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

of stones 100 feet from East Centre end of Joplin mine

at a point in a westerly direction 100 feet from

the discovery shaft (at which this notice is posted), being in the center of the west

end line of said claim; thence 300 feet to a monument of stones

being the North West corner of said claim; thence 1500

feet to a monument of stones being at the North East

corner of said claim; thence 300 feet to a monument of stones

being the center of the East end of said claim; thence 300

feet to a monument of stones being at the South East

corner of said claim; thence 1500 feet to a monument of stones

at the South West 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 and Revise the Laws of the Territory of Arizona," approved March 16th, 1901.

Dated and posted on the ground this 8th day of January 1904

Pedro Gordine
- Witness -

Mark Lulley

- Locator -

An Act to Codify and Revise the Laws of the Territory of Arizona

SECTIONS 1-11.—ING. LOCATION OF CLAIMS

Be it enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. On the discovery of mineral in places on the public domain of the United States, the same may be located as a mineral claim by the discoverer for himself, for himself and others, or for others.

SECTION 2. Such location shall be made by erecting at or contiguous to the point of discovery, a conspicuous monument of stones not less than three (3) feet in height, or an upright post securely fixed, projecting at least four (4) feet above the ground, in which monument of stones or on which post, there shall be posted a location notice, which shall be signed by the name or names of the locator or locators. The location notice must contain: First, the name of the claim located; second, the name or names of the locators; third, the date of the location; fourth, the length and width of the claim in feet and the distance in feet from the point of discovery to each end of the claim; fifth, the general course of the claim; sixth, the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified.

SECTION 3. Until each and all of the above specified things shall have been done no right thereto shall be acquired.
SECTION 4. From the time of the location of a mining claim as above specified, the locator shall be allowed ninety (90) days within which to do or cause to be done, the following things: First, to cause to be recorded in the office of the County Recorder of the county in which the claim is situated, a copy of the location notice; second, to sink a discovery shaft in the claim to the depth of at least ten (10) feet from the lowest part of the rim of the shaft at the surface, and deeper if necessary, until there is discovered in said shaft mineral in place; third, to monument the claim on the ground so that its boundaries can be readily traced.

SECTION 5. Failure to do all the things enumerated in this section in the time and place specified shall be construed into an abandoning of the claim, and all right thereto of the discoverer and locator shall be forfeited.

SECTION 6. Such surface boundaries shall be marked by six (6) substantial posts, projecting at least four (4) feet above the surface of the ground, or by substantial stone monuments at least three (3) feet high, to-wit: One at each corner of said claim, and one at the center of each end line thereof.

SECTION 7. Any open-cut, adit or tunnel which shall be made as above provided for as a part of the location of a lode mineral claim, and which shall be equal in amount of work to a shaft ten (10) feet deep and four (4) feet wide by six (6) feet long, and which shall cut the lode or mineral in place at a depth of ten (10) feet from the surface, shall be equivalent as a discovery work to a shaft sunk from the surface.

SECTION 8. Location notice may be amended at any time, and the monument changed to correspond with the amended location; provided, that no change shall be made that will interfere with the rights of others.
SECTION 9. The amount of assessment or representation work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same shall be as provided by the laws of the United States.

SECTION 10. Within three (3) months after the expiration of the period of the time fixed for the performance of annual labor, or the making of such improvements upon any mining claim, the person on whose behalf such work or improvement was made, or some person for him knowing the facts, may make a record in the office of the County Recorder of the county wherein such claim is situated, an affidavit in substance as follows:

TERRITORY OF ARIZONA, }
ss.

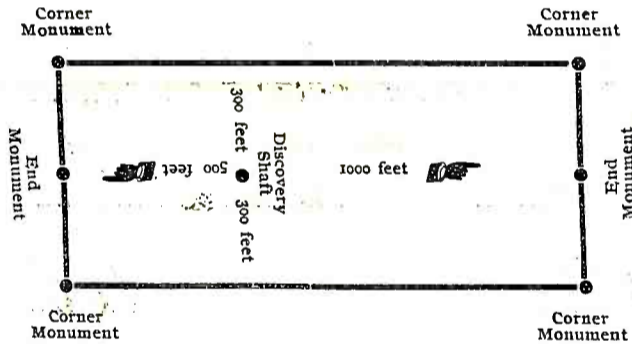
.....being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age, resides at.....in.....County, Arizona, Territory, and is personally acquainted with the mining claim known as.....Mining District, Arizona, Territory, the location notice of which is recorded in the office of the County Recorder of said County, in book.....of Records of Mines, at page.....That between the.....day of.....A. D.....and the.....day of.....A. D.....at least.....dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of.....owners of said claim, for the purpose of complying with the laws of the United States, pertaining to assessments of annual work, and (here name the owners or men who worked upon the claim in doing the work) were the men employed by said owner, and who labored upon said claim, did said work and improvements, the same being as follows, to-wit: (Here describe the work done).

Subscribed and sworn to before me, this.....day of.....A. D.....(Signature).

My commission as Notary Public expires on the.....day of.....A. D.....

(Notary Seal).....Notary Public.

SECTION 11. Such affidavit, when so recorded, shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit, after it has been recorded, or a certified copy of record of same, or the record of same, shall be received as evidence accordingly by the Courts of the Territory. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing the boundary in the same manner and to the same extent as is required in making an original location; or the relocater may sink the original discovery shaft ten (10) feet deeper that it was at the date of the commencement of such location, and shall erect new, or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location notice shall state if the whole or any part of the new location is located as abandoned property, else it shall be void.



The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim, or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

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

.....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.

NO. 110.—HEERMANS STATIONERY CO., TUCSON, ARIZ.

By.....Deputy Recorder

Pages 307-308
Book 4
A. D. 190.....
.....

Filed and recorded at request of
.....

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

Notice of Location
QUARTZ 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

June 28, 1907

I, U. S. Surveyor-General for 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

Joplin Mining Company

known as the Duane, Joplin and Missouri

situate in Tyndall

Mining District, Santa Cruz County, Arizona

in Section 12 7, Township No. 21 S. 21 S., Range No. 14 E. 15 E. (Unsur.) and

designated as Survey No. 2385, 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 five hundred dollars' worth of labor has been expended or improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of 8 shafts, 4 tunnels, valued at \$5300.00

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.

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

June 28, 1907

I, U. S. Surveyor-General for District of Arizona

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

Joplin Mining Company

known as the

Duane, Joplin and Missouri

situate in Tyndall Mining District,

Santa Cruz County, Arizona

in Sections 12, 7, 21 S., 21 S., 14 E., 15 E. (Unsur.)

designated as Survey No. 2385

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, March 29 - 30, 1907, under my instructions dated

Jan. 28, 1907, have been critically examined and the necessary cor-

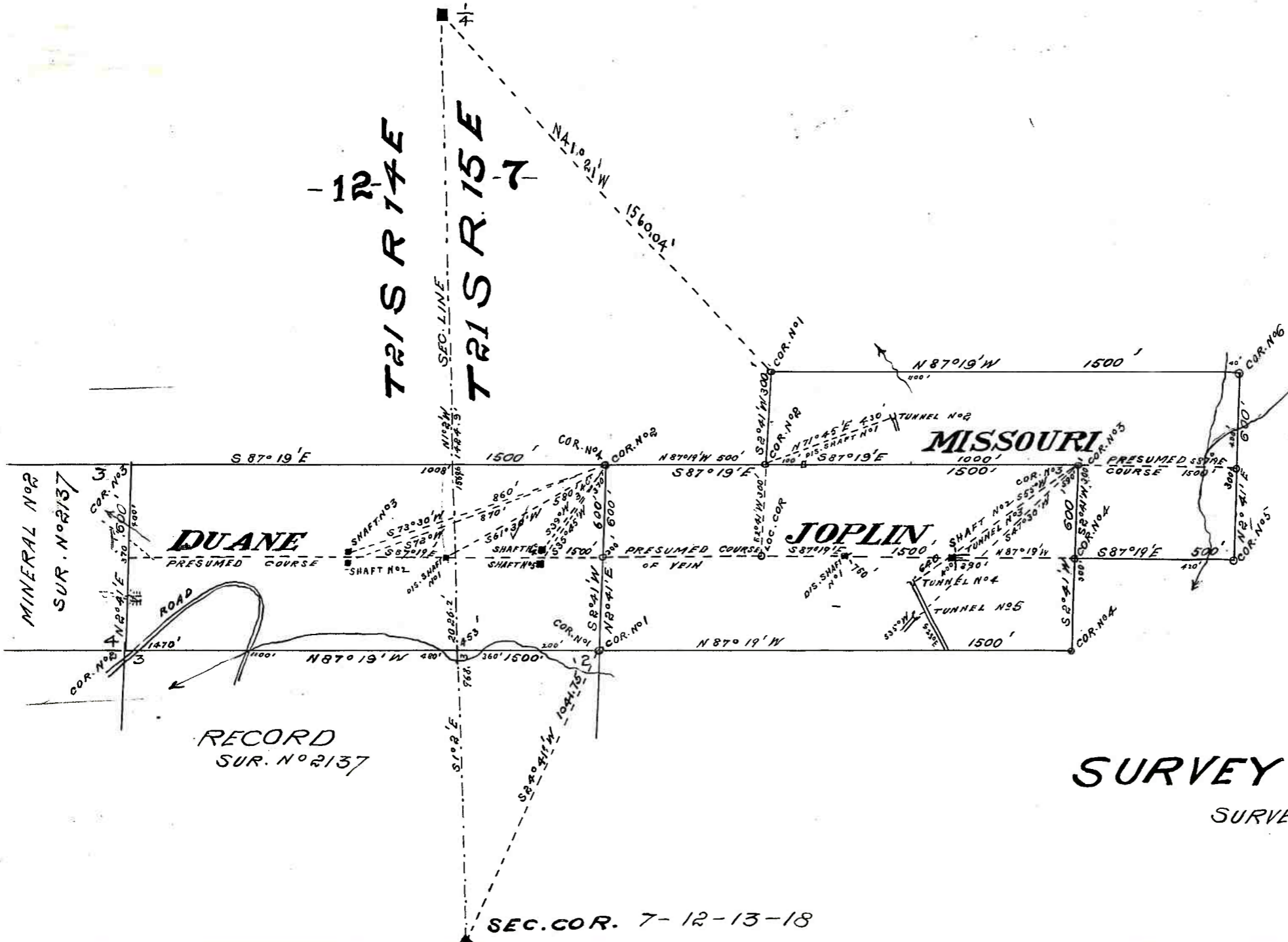
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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.

Handwritten signature of Frank D. Lyell

U. S. Surveyor-General for Arizona



MINERAL No 2
SUR. No 2137

DUANE

MISSOURI

JOPLIN

RECORD
SUR. No 2137

SURVEY No 2385

SURVEYED APRIL-1-2-1907

BY *Philip Contzen*

U.S. DEP. MINERAL SUR.

SEC. COR. 7-12-13-18