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Rec'd Jy 13-01

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(4-683.)

Mineral Survey No. 1573

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Philip Schaaf

KNOWN AS THE

Vulcan No 1 - Vulcan No 2 - Vulcan No 3 & Vulcan No 4

Pima Mining District,

Pima County, Arizona

Section 243 Township 17 S, Range 12 E

Surveyed under instructions dated June 10th 1901

by Philip Conzen
U. S. Deputy Mineral Surveyor

April 1-1900 - January 1-1901
January 1897 - June 1-1900

Claim located _____, 1

Survey commenced June 28th, 1901

Survey completed July 3rd, 1901

6-100

Address of claimant,

Philip Schaaf,

Tucson, Ariz.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, G. A. Hawley and Charles Pogue
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of Philip Shaaf
known as the Vulcan No 1 - Vulcan No 2 - Vulcan No 3 & Vulcan No 4
situate in Pima mining district,
Pima County, Arizona,
in Section _____, Township No. _____, Range No. _____

G. A. Hawley, Chainman.
C. M. Pogue, Chainman.

Subscribed and sworn to by the above-named persons before
me this 28 day of June, 18901

my com. expires
Apr. 10, 1903. William Angus
Notary Public.

I, G. A. Hawley, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of Philip Shaaf
known as the Vulcan No 1 - Vulcan No 2 - Vulcan No 3 & Vulcan No 4
more fully described in the preceding affidavit.

G. A. Hawley, Axeman.

Subscribed and sworn to by the said G. A.
Hawley before me this 28 day of
June, 18901.

my com. expires
Apr. 10, 1903. William Angus
Notary Public.

I, Charles Pogue, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of Philip Shaaf
known as the Vulcan No 1 - Vulcan No 2 - Vulcan No 3 & Vulcan No 4
more fully described in the preceding affidavit.

C. M. Pogue, Flagman.

Subscribed and sworn to by the said C. M. Pogue
before me this 28 day of
June, 18901

My com. exp.
Apr. 10, 1903. William Angus
Notary Public.

1.

Feet.

MINERAL SURVEY NO. 1573.

Vulcan No. 1.

Beginning at corner No. 1. Identical with the N.W. corner of the location.

A limestone 24 x 16 x 12 ins., set 12 ins. in the ground, with mound of stone, chiseled 1-1573; Whence, 1/4 sec. cor. of secs. 2-3, Tp. 17 S., R. 12 E., brs S. 14° 30' W., 673.5 ft.

Picacho Peak brs. N. 21° 22' W.

No other bearings available.

Thence S. 30° W.

Var. 12° 35' E.

337.14 Intersect section line bet. secs. 2-3, Tp. 17 S., R. 12 E., at a point 360 ft. North of 1/4 sec. cor. bet. secs. 2 & 3.

839. West side line mon., which is a md. of stones, 2 x 2 ft. high, Identical with location.

1150. Ascend steep slope of Democrat Mt.

1500. To Cor. No. 2. Identical with the S.W. Cor. of the location.

A limestone 26 x 8 x 8 ins., set 14 ins. in the ground, with md. of stone, chiseled 2-1573. Whence, San Xavier Mission brs. N. 31° E.

Rincon Peak brs. N. 73° 42' E.

A cross (x) and B.R. 2-1573 chiseled on N. face of limestone 3 x 2 1/2 x 2 1/2 ft. above the ground, brs. S. 8° 52' E., 17.9 ft.

Picacho Peak brs. N. 21° 3' W.

No other bearings available.

Thence S. 84° 30' E.

Var. 12° 45' E.

Descending along N. slope of Democrat mountain.

270. South end center mon. Identical with location, which is a md. of stone, 2 ft. x 1 1/2 ft. high.

570. To Cor. No. 3. Identical with the S.E. Cor. of the location, also with the N.W. Cor. of the Red Oxide mining claim.

Feet.

A limestone 27 x 12 x 10 ins., set 15 ins. in the ground, with mound of stone chiseled 3-1573, Whence,

A palo verde 5 ins. diam. brs. N. 40° W., 45 ft. blazed and scribed 3-1573 B.T.

Mt. Baldy (Santa Rita Mts) brs. S. 37° 15' E.

Helmet Peak brs. S. 54° E.

No other bearings available.

Thence N. 30° E.

Var. 12° 35' E.

Descending E. slope of hill.

28.23 Intersect section line bet. sections 2 & 3, Tp. 17

S., R. 12 E., at a point North 1961.07 ft. from cor. to secs. 2, 3, 10 & 11, *South 675.93 ft. from cor. between 2 & 3.*

235. Top of slope; descend.

750. E. side line mon. Identical with location. A md. of stone 2 x 2 ft.

1500. Cor. No. 4. Identical with the N.E. cor. of the location.

A limestone 28 x 16 x 10 ins., with mound of stone, chiseled 4-1573. Whence,

A mesquite 8 ins. diam. bears S. 43 3/4° W., 104 ft. blazed and scribed 4-1573 B.T.

No others near.

Red Knoll brs. N. 88° E.

High point on Catalina Mts. brs. N. 8° 20' E.

Smoke stack of the pump house of the San Xavier Mine bears S. 1° 13' E.

Thence N. 84° 30' W.

Var. 12° 45' E.

Ascending.

300. N. end center mon. Mound of stones 2 1/2 x 1 1/2 ft. Identical with location.

425. Top of ascent. Descend.

570. To cor. No. 1, the place of beginning.

Feet.

VULCAN NO. 2.

Beginning at corner No. 1. Identical with location.

A limestone 24 x 12 x 12 ins., with mound of stone chiseled 1-1573, on S.E. face; Whence,

Rincon peak brs. N. 73° 50' E.

No other bearings available, i.e. B.T.'s or B'R's.

Helmet Peak brs. S. 48 1/2° E.

1/4 sec. cor. bet. secs. 2 & 3, Tp. 17 S., R. 12 E., bears N. 57° 18' W., 339.8 ft.

Thence S. 30° W.

Var. 12° 45' E.

300. West center end mon. Identical with location, which is a mound of stone 2 x 2 ft.

571.78 Intersect section line bet. secs. 2 & 3, Tp. 17 S., R. 12 E., *at a point North 1961.07 ft. from cor. to secs. 2-3-10 & 11.*
+ South 678.93 ft. from 1/4 sec. cor. bet. secs 2 & 3.

600. To Cor. No. 2. Identical with Cor. No. 3 of Vulcan No. 1, of this survey. I chiseled 2-1573 on N.E. face of cor. stone. Cor. identical with location.

Thence S. 84° 30' E.

Var. 12° 35' E.

14.17 Intersect sec. line bet. secs. 2 & 3, Tp. 17 S., R. 12 E., at a point 1935.17 ft. N. of cor. to secs. 2, 3, 10 & 11, *+ South 704.83 ft. from 1/4 sec. cor. bet. secs 2 & 3.*
 Ascending along S. slope of hill.

540. Top of slope and descend.

630. Enter small gulch, brs. S. 84 1/2° E.

720. Leave small gulch.

745. Remains of old side line mon.

1075
1135
1280
1500.

WASH 20 FT WIDE, COURSE N.E
3320 BEARS N.E
 To Cor. No. 3.

A limestone 26 x 12 x 8 ins., 13 ins. in the ground, with md. of stone, chiseled 3-1573. Whence

A cor. of the location bears S. 2° 15' W., 100 ft.

A md. of stone 2 1/2 x 1 1/2 ft.

A *PALO VERDE* 4 ins. diam. bears S. 74° 130'E, 18 ft., blazed and scribed 3-1573 B.T.

- Feet. No other bearings available.
 Thence N. 30° E.
 Var. 12° 45' E.
600. To Cor. No. 4. Identical with location.
 A limestone in place 26 x 24 x 8 ins., above ground with mound of stone, scribed 4-1573. Whence
 A palo verde 4 ins. diam. bears S. 13 1/2° E., 21 ft., dist., blazed and scribed 4-1573 B.T.
 A cross (x) and B.R. 4-1573 chiseled 2 ft. above the ground on a blue limestone boulder, 9 x 4 x 3 ft., bears N. 88° 45' W., 522 ft.
 Thence N. 84° 30' W.
 Var. 12° 45' E.
- . Descending.
350. Foot of descent.
365. Wash, 30 ft. wide, course N.
475. Road, brs. N.W. & South.
1484. Shaft on line.
1500. To Cor. No. 1, the place of beginning.
- VULCAN NO. 3.
 Beginning at corner No. 1.
 A limestone 28 x 16 x 10 ins., 14 ins. in the ground with mound of stone, chiseled 1-1573. Whence,
 The loc. cor., which is a mound of earth and stone 2 1/2 x 2 ft. high, with a redwood post, bears N. 29° 50' E., 310 ft.
 1/4 sec. cor. bet. secs. 2 & 3, Tp. 17 S., R. 12 E. bears S. 25° 10' W., 2153.8 ft.
 A palo verde 4 ins. diam. bears N. 66° 10' W., 114 1/2 ft., scribed 1-1573 B.T.
 Dome Peak, Catalina Mts., brs. N. 21° 40' E.
 No other bearings available.
 Thence S. 30° W.
 Var. 12° 45' E.
370. Road, bears northerly.
702. West side line mon. A mound of stones 2 ft. x 1 1/2 ft. Identical with location.
900. Ascend low hill.
1200. Descend.

Feet.

1500. Cor. No. 2. Identical with the location, and with Cor. No. 1, of Vulcan No. 1 lode of this survey.

I chiseled 2-1573 on N.E. face of cor. stone.

Thence S. $84^{\circ} 30'$ E.

300.

South end center mon. Var $12^{\circ} 45'$ E.

570.

Cor. No. 3. Identical with cor. of the loc. and with cor. No. 4, of Vulcan No. 1, of this survey.

I chiseled 3-1573 on N.W. face of cor. stone.

Thence N. 30° E.

Var. $12^{\circ} 45'$ E.

398. Road, to San Xavier mines, N.Westerly and S. Easterly.

632. East side line mon., a md. of stone 2 x 2 ft.

Identical with location.

815. Road, bears easterly and westerly.

1016. Road, bears easterly and westerly.

1370. Road to Tucson, bears northerly.

1500. To Cor. No. 4.

A limestone 24 x 12 x 10 ins., 12 ins. in the ground, with md. of stone, chiseled 4-1573, Whence,

Cor. of the location which is a md. of stone 2 x 1 1/2 ft. high, bears N. 33° E., 206 ft.

A mesquite 5 ins. dia. bears N. $11^{\circ} 50'$ E., 54 ft. dist., blazed and scribed 4-1573 B.T.

No others near.

Helmet Peak bears S. $29^{\circ} 3/4$ E.

Thence N. $84^{\circ} 30'$ W.

Var. $12^{\circ} 45'$ E.

63. Road to Tucson,

135. Ascend N. slope of knoll.

300. Top. Descend.

570. To Cor. No. 1, the place of beginning.

VULCAN NO. 4.

Beginning at corner No. 1.

A limestone 30 x 12 x 7 ins., 15 ins. in the ground, with md. of stone, chiseled 1-1573. Whence

Cor. of the loc. bears N. 30° E., 32 ft. (a md. of stone 2 x 2 ft.)

- Feet. 1/4 sec. cor. bet. secs. 2 & 3, Tp. 17 S., R. 12 E., bears S. 42°49' W., 1524.1 ft.
A mesquite 8 ins. diam. brs. N. 58° 3/4 W., 58 ft. blazed and scribed 1-1573 B.T.
No other bearings available.
Thence S. 30° W.
Var. 12° 45' E.
600. To Cor. No. 3, Vulcan No. 3, and Cor. No. 4, of Vulcan No. 1 lodes of this survey.
1500. To Cor. No. 2. Identical with cor. of the loc. and Cor. No. 1 of Vulcan No. 2 lode of this survey.
I chisel 2-1573 on N.E. face of cor. stone.
Thence S. 84° 30' E.
Var. 12° 45' E.
300. S. end center, which is a md. of stone 3 ft. x 3 ft. high.
No bearings available.
600. Cor. No. 3.
A limestone 26 x 14 x 10 ins., 12 ins. in the ground, with mound of stone, chiseled 3-1573.
Loc. Cor. bears S. 49 3/4° E., 120 ft. A md. of stone 2 1/2 x 2 1/2 ft.
A mesquite 3 ins. diam. bears S. 32° 10' W., 35 ft., blazed and scribed 3-1573, B.T.
No others near.
Rincon Peak bears N. 71° 10' E.
Smoke stack of San Xavier pump house bears S. 3° 45' W.
Thence N. 30° E.
Var. 12° 45' E.
458. Road to San Xavier mines, bears S. Easterly.
810. East side line mon., a md. 2 x 1 1/2 ft. Identical with location.
1435. Road to Tucson, brs. Northerly.
1500. Cor. No. 4. Identical with location.
A limestone 24 x 10 x 8 ins., 12 ins. in the ground with md. of stone, chiseled 4-1573, whence

Feet.

Mesquite 8 ins. diam. bears S. $73 \frac{1}{4}^{\circ}$ E., 147.5 ft., and a palo verde 8 ins. diam. bears S. $59 \frac{1}{2}^{\circ}$ W., 50 ft. both blazed and scribed 4-1573 B.T.

Red Knoll, bears S. 89° E.

Thence N. $84^{\circ} 30'$ W.

Var. 13° E.

30. Road to Tucson, bears Northerly and Southerly.
 300. N.E. center.. A md. of stone, $2 \frac{1}{2} \times 2$ ft. Identical with location.
 600. To Cor. No. 1, the place of beginning.

Adjoining claims.

Red Oxide on the south, Franklin and Roberts, owners;
 Copper Hill on the north, Azurite Mfg. Co. owners.
 Vulcan No. 7 on N.W., claimant herein, owner, and
 on N.E. Vulcan No. 5, claimant herein, owner.

AREA.

Vulcan No. 1,	17.90 17.80 acres,
Vulcan No. 2,	18.80 acres,
Vulcan No. 3,	17.90 17.80 acres,
Vulcan No. 4,	18.80 acres.
Total area of claim,	78.40 acres

LOCATION.

This claim is located in the N.E. $\frac{1}{4}$ and S.E. $\frac{1}{4}$ of sec. 2, and the N.W. $\frac{1}{4}$ and S.W. $\frac{1}{4}$ on sec. 3, Tp. 17 S., R. 12 E., Gila and Salt River Base and Meridian, in the *Pima* Mining District, Pima County, Arizona.

LEDGE.

The presumed course of the ledge of these claims is as follows.

Vulcan Nos. 1, 3 & 4-- N. 30° E., 1500 ft. from South end center.

Vulcan No. 2,-- S. $84 \frac{1}{2}^{\circ}$ E., 1500 ft. from West end center.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon these claims, placed thereon by the claim-

8.

ant, or his grantors, is not less than five hundred dollars for each claim, and that said improvements consist of -

Vulcan No. 1 lode.

No. 1. Discovery shaft, 4 x 4 x 4 ft., deep, which bears from Cor. No. 1, S. 62° E., 250 ft.

Value, \$25.00

From Cor. No. 1 of Vulcan No. 2 lode.

No. 2. Shaft, 4 x 10 x 10 ft. deep, which bears N. 14° E., 50 ft.

Value, \$100.00

No. 3. Incline shaft, 4 x 6 x 50 ft. deep, with drift at bottom, course southeasterly, 20 ft. long, bears N. 35 1/2° W., 60 ft.

Value of shaft \$500.

Value of drift, \$200.

which is run for the development of the Vulcan No. 2 lode.

Vulcan No. 2 lode.

No. 1. Discovery shaft, 4 x 10 x 10 ft. deep,
a point S 84 1/2° E 1000 FT. DIST. from Cor. No. 2
which bears from ~~Cor. No. 3~~, N. 13° W., 280 ft.

Value, \$100.00

From same point:

No. 2. Open cut, 2 x 2 x 6 ft. bears N. 39° W., 165 ft.

Value, \$10.00

No. 3. Open cut, 2 x 2 x 40 ft., course Southeast-
erly, bears N. 39 1/2° W., 110 ft.

Value, \$60.00

No. 4. Open cut, 2 x 2 1/2 x 6 ft., bears N. 48 1/2°
W., 190 ft.

Value, \$20.00

No. 5. Open cut, 2 x 2 x 20 ft., bears N. 50° W.,
140 ft.

Value, \$20.00

No. 6. Open cut, 2 x 2 x 4 ft., bears N. 50 1/2°

9.

W., 220 ft.

Value, \$10.00

No. 7. Open cut, 2 x 2 x 35 ft., bears N. 59° W.,
150 ft.

Value, \$50.00

No. 8. Open cut, 3 x 3 x 12 ft., bears N. 66 1/2°
W., 125 ft.

Value, \$20.00

No. 9. Open cut, 2 x 2 1/2 x 5 ft. bears N. 66 1/2°
W., 220 ft.

Value, \$20.00

No. 10. Open cut, 1 x 2 x 6 ft., bears N. 66 1/2°
W., 255 ft.

Value, \$20.00

No. 11. Shaft, which bears from Cor. No. 3,
Vulcan No. 4, S. 73 3/4° W., 280 ft.

Value, \$20.00

Vulcan No. 3 lode.

No. 1. Discovery shaft, 4 x 6 x 46 ft., which bears
from Cor. No. 1, Vulcan No. 4, North, 556 ft.

Value, \$300.00

No. 2. Shaft, 4 x 5 x 12 ft., which bears N. 33 1/2°
W., 150 ft. from same point.

Value, \$50.00

No. 3. Shaft, 6 x 6 x 30 ft., with drifts at the
bottom, N., S., E., and W., averaging about 30 ft.,
each, which bears N. 43 1/2° W., 183 ft. from same
point.

Value, \$ 600

No. 4. Open cut, average width 12 ft. x 18 ft.,
high, and 90 ft. long, course S. 60° W., the east end
of which bears N. 30° W., 133 ft. from same point.

Value, \$250.00

No. 5. Open cut, 3 x 7 ft., 60 ft. long, course
S. 30° W.,, the N. end of which bears N. 56 1/2° W.,
207 ft. from same point.

Value, \$100.00

No. 6. Shaft, 4 x 6 x 20 ft., which bears N. 59° W., 214 ft. from same point.

Value, \$100.00

No. 7. Shaft, 4 x 5 x 100 ft., which bears N. 62° W., 175 ft. *from said point.*

Value, \$500.00

Vulcan No. 4 lode.

No. 1. Discovery shaft, 4 x 6 x 4 ft., which bears S. 14° W., 1015 ft. from Cor. No. 1, Vulcan No. 4.

Value, \$10.00

No. 2. Shaft, 4 x 6 x 10 ft., bears S. 1 3/4° W., 142 ft. from same point.

Value, \$50.00

No. 3. Shaft, 6 x 6 x 20 ft., which bears S. 12° E., 83 ft. from same point.

Value, \$100.00

No. 4. Shaft, 4 x 6 x 60 ft., which bears S. 30 3/4° E., 88 ft. from same point.

Value, \$400.00

No. 5. Shaft, 4 x 6 x 7 ft., which bears S. 69° E., 69 ft. from same point.

Value, \$30.00

No. 6. Shaft, 5 x 7 x 10 ft., which bears from Cor. No. 2, East 18 ft.

Value, \$50.00

Other improvements.

From a point, S. 30° E., 300 ft. from Cor. No. 4, of Vulcan No. 4.--

Shaft, 4 x 6 x 7 ft., bears N. 36° W., 97 ft.

Shaft, 4 x 5 x 10 ft., bears N. 43° W., 133 ft.

Shaft, 4 x 6 x 20 ft., bears N. 48° W., 135 ft.

Shaft, 5 x 6 x 12 ft., bears N. 49° W., 169 ft.

Shaft, 4 x 6 x 10 ft., bears N. 54° W., 147 ft.,

Shaft, 5 x 5 x 9 ft., bears S. 85° W., 35 ft.

INSTRUMENT.

This survey was made with a Gurley Light

Mountain transit.

The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with a 100 ft. steel tape.

Philip Cortzen

U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Cortzen
 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 Philip Schauf
 known as the Vulcan No 1 - Vulcan No 2 - Vulcan No 3 - Vulcan No 4,
 and showing the respective capacities in which they acted.

- G. A. Hawley, Chairman.
- Charles Pogue, Chairman.
- G. A. Hawley, Axman.
- Charles Pogue, Flagman.

FINAL OATHS OF ASSISTANTS.

We, G. A. Hawley and Charles M. Pogue
 do solemnly swear that we assisted Philip Cortzen, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Philip Schauf

known as the Vulcan No 1 - Vulcan No 2
Vulcan No 3 and Vulcan No 4, 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.

- G. A. Hawley, Chairman.
- Charles M. Pogue, Chairman.
- G. A. Hawley, Axman.
- Charles M. Pogue, Flagman.

Subscribed and sworn to by the above-named persons before me
G. A. Hawley on July 3, 1901.
Charles M. Pogue on July 5, 1901.

this _____ day of _____
 My commission expires Apr. 10, 1903.

William Angus
 Notary Public

(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 June 10th 1901, 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 Philip Schaaf, known as the Vulcan No. 1 - Vulcan No. 2 - Vulcan No. 3 and Vulcan No. 4 situate in Pima Mining District, Pima County, Arizona, in Section 2nd of 3, Township No. 17 S, Range No. 12 E and designated as Survey No. 1573, 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.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen

U. S. Deputy Mineral Surveyor, before me William Angus,

a Notary Public for Pima Co. this 5th day of July, 1901.

My Commission expires Apr. 10, 1903.

William Angus
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, G. A. Hawley, and Charles M. Pogue

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Vulcan #1 - Vulcan #2 - Vulcan #3 ^{Vulcan #4} mining claim, situate in Cima Mining District, Cima County, Arizona Territory, for which Philipo Schaaf

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~~ grantor exceed Five Hundred Dollars in value ^{on each of the above mentioned claims} and further that we are not personally interested in said mine.

G. A. Hawley
Charles M. Pogue

TERRITORY OF ARIZONA, }
County of Cima } ss:

by G. A. Hawley July 3, 1901.
by Charles M. Pogue July 5, 1901.

Sworn to and subscribed before me, this _____

day of _____, 190____
my commission expires Apr. 10, 1903. William Angus
Notary Public.

Notice of Location.

Quartz Claim.

To All Whom it May Concern:

This Mining Claim, the name of which is the... *Vulcan No 14*... 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 *Philip Schaaf*.....

the undersigned, on the *first*... day of... *April*....., 189*0*

The length of the claim is... *1500*... feet, and... *300*... feet on each side of the discovery shaft at (which this notice is posted), lengthwise of the claim. The general course of the lode deposit and premises is from the *Northerly*..... to the *Southerly*.....

The claim is situated and located in... *Pima*..... Mining District, in... *Pima*..... County, in the Territory of Arizona, about *600* yards' in a *Northerly*..... direction from *The old San Xavier and Benito*.....

The surface boundaries of the claim are marked upon the ground as follows: Beginning at *Northerly*... *End of the claim*..... at a point in a *Northerly*..... direction... *fifty*... feet from the discovery shaft, at which this notice is posted, being in the center of the... *Northerly*..... end lines of said claim; thence... *Easterly*... *300*... feet to a... *monument*..... being the *North Easterly* corner of said claim; thence... *Southerly* *750*... feet to a... *monument*..... at the center of the... *Easterly*... side line of said claim; thence *Southerly*... *750*... feet to a... *monument*..... being at the *South Easterly* corner of said claim; thence... *Westerly*... *300*... feet to a... *monument*... being the center of the *Southerly*... end of said claim; thence... *Westerly*... *300*... feet to a... *monument*... being the *South Westerly* corner of said claim; thence *Northerly*... *750*... feet to a... *monument*... being at the center of the... *Westerly*... side line of said claim; thence *Northerly*... *750*... feet to a... *monument*... at the *North Westerly* corner of said claim; thence... *Easterly*... *300*... feet to the place of beginning

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

Dated and posted on the ground this *first* day of... *April*....., 189*0*

Philip Schaaf

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

An Act Concerning Mines.

As it Enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. Every notice of location of a mining claim shall contain: First, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or deposit or premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim.

SECTION 2. A mining location hereafter located, the certificate of location of which shall not contain: First, the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises, as near as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

SECTION 3. Before filing such location certificate with the County Recorder of the proper County, the discoverer shall locate his claim by: first, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface and deeper if necessary, until there is shown by such work a lode or deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries can be readily traced.

SECTION 4. Such surface boundaries shall be marked by eight substantial posts projecting at least three feet above the surface of the ground, or by substantial stone monuments not less than three feet high, to wit: One at each corner of said claim, and one at the center of each end and side line thereof.

SECTION 5. Any open cut, or excavation, or tunnel, which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in length to the width of the claim, shall be at least ten feet deep, and four feet wide by six feet long, and which shall cut a lode or mineral in place at the depth of ten feet from the surface, shall be equivalent to a discovery work, to a shaft sunk from the surface.

SECTION 6. The discoverer shall have ninety days from the date of discovering the lode and the posting of the notice thereon, to perform said discovery work thereon.

SECTION 7. If at any time the locator of a mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing the benefits of this Act, such locator or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of discoveries.

SECTION 8. The amount of assessment, or representation, or work or improvements to be done or made during each year, after the completion of the location as herebefore provided, and the time for doing the same, shall be as provided by the laws of the United States.

SECTION 9. Within three months after the expiration of the period of time fixed for the performance of annual work or the making of improvements upon any mining claim or premises, the person on whose behalf such work or improvements was made, or some person for whom knowing the facts, may make and 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,
 _____ County, } ss

_____ being duly sworn deposes and says, that he is a citizen of the United States, and more than 21 years of age, and resides at _____ County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as _____ mining claim or lode, situated in _____ Mining District, County of _____ Arizona Territory, the notice of location of which premises 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. 189____ and the _____ day of _____ A. D. 189____ at least _____ dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of _____ owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (here name the miners or men who worked upon the claim by doing the work, were the men employed by said owners, and who labored upon said premises and who did said work and improvements), and said work so done upon said premises is described as follows, to-wit: (Here describe the work done)

Subscribed and sworn to before me _____ this _____ day of _____ 189____.

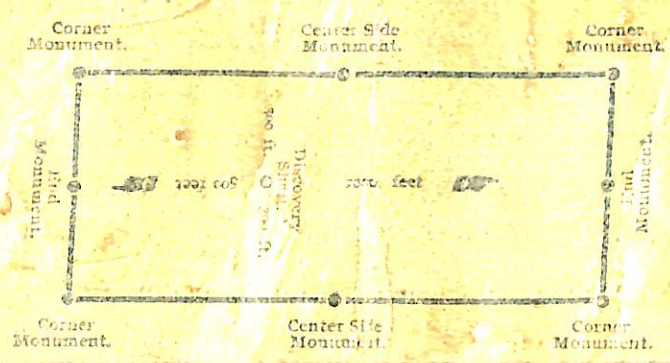
Notary Public.

[SEAL]

SECTION 10. 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, shall be received as evidence accordingly by all the Courts of this Territory.

SECTION 11. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to same extent as is required in making a new location, or the relocater may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, 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 certificate shall state if the whole or any part of the new location is located as abandoned property.

SECTION 12. This Act shall take effect and be in force from and after July 1st, 1895.
SECTION 13. All Acts and parts of Acts in conflict with this Act are hereby repealed.



The above diagram is to give the locator a general idea of plan of location under the new law. Your discovery shaft can be in the center of claim or any distance from from either end you desire. In the diagram we have placed it 50 feet from one end and 100 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Chas. A. Mitchell
 101.
 May 17
 12
 Phil Schaeff

690
 1895
 101

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Vulcan No. 2.
Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral
mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Philip Schaaf

the undersigned, on the first day of January 1901

The length of this claim is 1500 feet,
and 750 claim 750 feet
in a Westerly direction and

750 feet in a Easterly 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 Pima Mining District, in
Pima County, in the Territory of Arizona, about 500 Yards

in a Northerly direction from San Xavier

Mines and Buildings

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

End of the Claim

at a point in a Westerly direction 750 feet from

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

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

, being the South Westerly corner of said claim; thence

Easterly 750 feet to a monument at the center of

the South side line of said claim; thence Easterly 750

feet to a monument being at the South Easterly corner of said

claim; thence Northerly 300 feet to a monument

at the center of the Easterly end of said claim; thence Northerly 300

feet to a monument, being at the North Easterly

corner of said claim; thence Westerly 750 feet to a

monument being at the center of the Northerly side line of said claim;

thence Westerly 750 feet to a monument at

the North Westerly corner of said claim; thence Southerly 300

feet to the place of beginning.

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

Dated and posted on the ground this first day of January 1901

Witness
Philip Schaaf

Charles Harrison

An Act Concerning Mines.

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

SECTION 1. Every notice of location of a mining claim shall contain: First, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode deposit or premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim.

SECTION 2. All mining locations hereafter located, the certificate of location of which shall not contain: First, the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of the lode or premises, as near as may be; sixth, the locality of the claim with reference to some natural object or permanent monument, as will identify the claim, shall be void.

SECTION 3. Before filing such location certificate in the County Recorder of the proper County, the discoverer shall locate his claim by: First, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface and deeper if necessary, until there is shown by such work a lode deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries can be readily traced.

SECTION 4. Such surface boundaries shall be marked by eight substantial posts projecting at least three feet above the surface of the ground, or by substantial Stone Monuments, at least three feet high, to wit: One at each corner of said claim, and one at the center of each end and side line thereof.

SECTION 5. Any open-cut, cross-cut, adit or tunnel, which shall be equal in amount of work to a shaft ten feet in depth of ten feet from the surface, shall be equivalent to a discovery shaft.

SECTION 6. The discoverer shall have thirty days, commencing on the date of discovering the lode and the posting of the notice thereon, to perform said work.

SECTION 7. If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law, or of this Act, were not complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which was not included in the original certificate, and which is subject to location, or in case the original certificate was made prior to the passage of this Act, such locator or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of new locations.

SECTION 8. The amount of assessment, or improvements to be done or made during each year, after the completion of the location, shall be as provided by the laws of the United States.

SECTION 9. Within three months after the expiration of the period of time fixed for the performance of annual labor or the making of improvements upon any mining claims or premises, the person on whose behalf such work or improvement was made, or some person for him, knowing the facts, may make and 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,

County,

..... being duly sworn deposes and says, that he is a citizen of the United States, and more than 21 years of age, and resides at County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as Arizona Territory, situated in the Mining District, County of the notice of location of which premises 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. 189..... and the day of A. D. 189..... at least dollars worth of work and improvements were done and performed upon said premises, and that the said work and improvements were made by and at the expense of owners of said premises for the purpose of complying with the requirements of the laws of the United States, and these are the names of the miners or men who worked upon said premises, and the names of the persons who did said work and improvements, and said work so done upon said premises described as follows, to-wit: (Here describe the work done.)

Subscribed and sworn to before me.....

189.....

(Signature)

this day of

Notary Public.

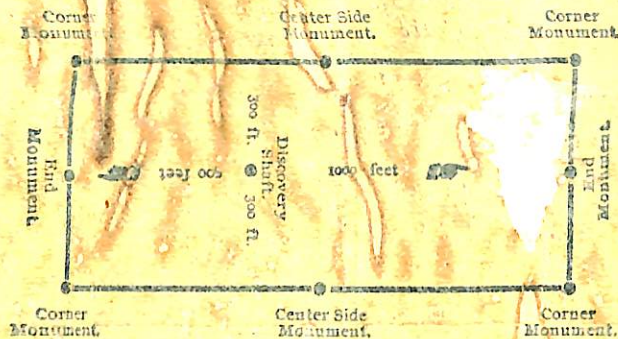
[SEAL]

SECTION 10. Such affidavits 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, shall be received as evidence accordingly by all the Courts of this Territory.

SECTION 11. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to the same extent as is required in making a new location; or the locator may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, 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 certificate shall state if the whole or any part of the new location is located as abandoned property.

SECTION 12. This Act shall take effect and be in force from and after July 1st, 1895.

SECTION 13. All Acts and parts of Acts in conflict with this Act are hereby repealed.



The above diagram is to give the locator's general idea of plan of location under the new law. Your discovery shaft can be in the center of claim; or any distance from 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, as will identify the claim.

Volcanito No 2

territory of Arizona
County of Pima
11th July 1895
and the mines in
County of Pima
and records of
the State of
Phillip D. Chaff
Mex 25
at - 9 -
in Book - 276 Rec Mines
at Page - 417
Unless my hand
the day and year of
Chas. W. Philib
Notary

Location Notice.

Quartz Claim.

To All Whom it May Concern:

This Mining Claim, the name of which is the *Vulcan No. 3.*
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 explo-
ration and purchase by *Philip Schaefer*

the undersigned, on the *first* day of *January*, 189*7*

The length of the claim is *1500* feet, and *75* claim
300 feet on each side of the discovery shaft
(at which this notice is posted), lengthwise of the claim. The general course of the lode de-
posit and premises is from the *Northerly* to the *Southerly*

The claim is situated and located in *Pima* Mining District, in
Pima County, in the Territory of Arizona, about *one mile*
in a *Northerly* direction from *Wood's Saw Flour*
Mines and Buildings

The surface boundaries of the claim are marked upon the ground as follows: Beginning
at *Northerly End of Claim*
at a point in a *Northerly* direction *about 250* feet
from the discovery shaft, at which this notice is posted, being in the center of the
Northerly end lines of said claim; thence *Easterly 300*
feet to a *monument* being the *North Easterly* corner
of said claim; thence *Southerly 750* feet to a *monument*
at the center of the *Easterly* side line of said claim; thence *Southerly*
750 feet to a *monument* being at the *Souther Easterly*
corner of said claim; thence *Westerly 300* feet to a *monument*
being the center of the *Southerly* end of said claim; thence
Westerly 300 feet to a *monument* being the
South Westerly corner of said claim; thence *Northerly*
750 feet to a *monument* being at the center of the
Westerly side line of said claim; thence *Northerly 750*
feet to a *monument* at the *North Westerly*
corner of said claim; thence *Easterly 300* feet to the place of beginning.

All done under the provisions of Chapter six of Title XXXII, of the Revised Statutes
of the United States, and of an act of the General Assembly of Arizona, entitled "An Act
Concerning Mines," approved March 20, 1895.

Dated and posted on the ground this *first* day of *January*, 189*7*

Witness
John Boush

Philip Schaefer

An Act Concerning Mines.

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

SECTION 1. Every notice of location of a mining claim shall contain, first, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim.

SECTION 2. All mining locations heretofore located, the certificates whereof which shall not contain, first, the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises, as near as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

SECTION 3. Before filing such location certificate with the County Recorder of the proper County, the discoverer shall locate his claim by first, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the vein or such shaft at the surface and deeper if necessary, until there is shown by such work a ledge or deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries may be readily traced.

SECTION 4. Such surface boundaries shall be marked by eight substantial posts projecting at least Three Feet Above the Surface of the Ground, or by substantial Stone Monuments at least Three Feet High, to wit: One at each corner of said claim, and one at the center of each end and side line thereof.

SECTION 5. Any open cut, cross-cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, and which shall cut a lode or mineral in place to the depth of ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

SECTION 6. The discoverer shall have thirty days from the date of discovering the lode and the posting of the notice thereon, to perform such discovery work thereon.

SECTION 7. If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing such change or addition to his original certificate, he shall file an amended certificate, and shall comply to the provisions of this Act regarding the making of new locations.

SECTION 8. 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 9. Within three months after the expiration of the period of time fixed for the performance of annual labor or the making of improvements upon any mining claims or premises, the person on whose behalf such work or improvement was made, or some person for him, knowing the facts, may make and record in the office of the County Recorder of the county wherein such claim is situated an affidavit to substantiate as follows:

TERRITORY OF ARIZONA,
 _____ County, ss
 I, _____, do hereby depose and say, that he is a citizen of the United States, and more than 21 years of age, and resides _____ County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as _____ mining claim or lode, situated in _____ Mining District, County of _____, Arizona Territory, the number of location of which premises 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. 189____, and the _____ day of _____, A. D. 189____, at least _____ dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of _____ owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (here name the miners or men who worked upon the claim in doing the work) were the men employed by said owner and who labored upon said premises and who did said work and improvements, and said work so done upon said premises is described as follows: (Here describe the work done.)

Subscribed and sworn to before me _____ this _____ day of _____, 189____.

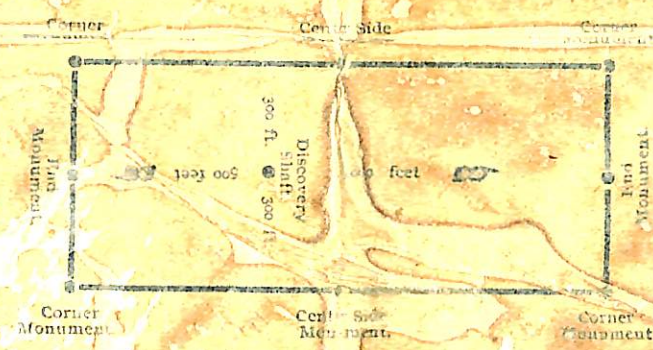
Notary Public.

[SEAL]
SECTION 10. 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, shall be received as evidence accordingly by all the Courts of this Territory.

SECTION 11. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to same extent as is required in making a new location; or the locator may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, 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 certificate shall state if the whole or any part of the new location is located as abandoned property.

SECTION 12. This Act shall take effect and be in force from and after July 1st, 189____.

SECTION 13. All Acts and parts of Acts in conflict with this Act are hereby repealed.



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

Wulfeum No 3

Office Lehigh

4 1/2 A.D. 1897

777 Record Mine

179 x 6

How a Shitell

Written as reg. Patent and Reg. Mark

year 1897

Notice of Location.

Quartz Claim.

To All Whom it May Concern:

This Mining Claim, the name of which is the *Vulcan No. 4* 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 *Philip Schaeff*

the undersigned, on the *first* day of *June* 189*0*.
The length of the claim is *1500* feet, and *300* claim

feet on each side of the discovery shaft at (which this notice is posted), lengthwise of the claim. The general course of the lode deposit and premises is from the *Southerly* to the *Northerly*.

The claim is situated and located in *Pima* Mining District, in *Pima* County, in the Territory of Arizona, about *a half mile (1/2)* in a *Northerly* direction from *the San Xavier Mines and P. B. D. M. G. A.*

The surface boundaries of the claim are marked upon the ground as follows: Beginning at *Southerly End of Claim* at a point in a *Southerly* direction *about 400* feet from the discovery shaft, at which this notice is posted, being in the center of the *Southerly* end lines of said claim; thence *Easterly 200* feet to a *monument* being the *Southerly Easterly* corner of said claim; thence *Northerly 450* feet to a *monument* at the center of the *Easterly* side line of said claim; thence *Northerly 450* feet to a *monument* being at the *North Easterly* corner of said claim; thence *Westerly 300* feet to a *monument* being the center of the *Northerly* end of said claim; thence *Westerly 300* feet to a *monument* being the *South Westerly* corner of said claim; thence *Southerly 750* feet to a *monument* being at the center of the *Westerly* side line of said claim; thence *Southerly 750* feet to a *monument* at the *South Westerly* corner of said claim; thence *Easterly 300* feet to the place of beginning

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

Dated and posted on the ground this *first* day of *June* 189*0*.

Philip Schaeff

FILED
JUN 20 1890
TUCSON ARIZONA

An Act Concerning Mines.

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

Section 1. Every notice of location of a mining claim shall contain: First, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of the claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode deposit or premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, or well identified object.

Section 2. All mining locations hereafter located, the certificate of location of which shall not contain: First, the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises, as near as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

Section 3. Before filing such location certificate with the County Recorder of the proper County, the discoverer shall locate his claim by first, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface and deeper if necessary, until there is shown by such work a lode deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries can be readily traced.

Section 4. Such surface boundaries shall be marked by eight substantial Posts projecting at least Three Feet Above the Surface of the Ground, or by substantial Stone Monuments at least Three Feet High, to wit: One at each corner of said claim, and one at the center of each end and side line thereof.

Section 5. Any opening, cross cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, and which shall cut a lode or mineral in place at the depth of at least ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

Section 6. The discoverer shall have ninety days from the date of discovering the lode and the posting of the notice thereon, to perform said discovery work thereon.

Section 7. If any mine locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate is defective, or that the requirements of the law had not been complied with before mining, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing the benefits of this Act, such locator or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of new locations.

Section 8. The amount of assessment, or representation, work or improvements to be done or made during such 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 9. Within three months after the expiration of the period of time fixed for the performance of assessments or the making of improvements upon any mining claim or premises, the person on whose behalf such work or improvement was made, or some person known by him knowing the facts, may make and 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,
 _____ County, ss

_____ being duly sworn, deposes and says, that he is a citizen of the United States, and is more than 21 years of age, and resides at _____ County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as _____ Mining Claim or lode, situated in _____ Mining District, County of _____ Arizona Territory, the office of location of which premises 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. 189____ and _____ day of _____ A. D. 189____ at least _____ dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of _____ owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (herein state the miners or men who worked upon the claim, or name the work done on the premises, and where it is located upon said premises, and when said work and improvements were done, and said work so done upon said premises is described as follows, to-wit: (Here describe the work done.) _____

Subscribed and sworn to before me, _____ (Signature)
 _____ day of _____ 189____

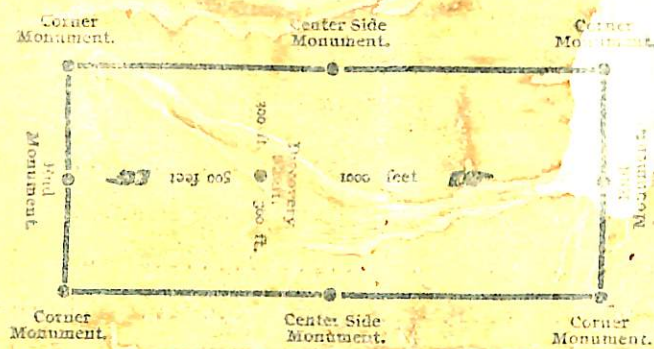
Notary Public.

Section 10. 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, shall be received as evidence accordingly by all the Courts of this Territory.

Section 11. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to same extent as is required in making a new location; or the relocation may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, 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 certificate shall state if the whole or any part of the new location is located as abandoned property.

Section 12. This Act shall take effect and be in force from and after July 1st, 1895.

Section 13. All Acts and parts of Acts in conflict with this Act are hereby repealed.



The above diagram is to give the locator a general idea of plan of location under the new law. Your discovery shaft can be in the center of claim or any distance from 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, as will identify the claim.

Handwritten note: 27 Madison Street

Philip. Schaaf,
 June, 18,
 11, 30, -----
 H.H. Record Mines,
 122-123.

Handwritten signature: Chas. C. ...

(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,

Tucson, Arizona,

December 26-1901, 18

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 *Philip Schaaf,*

....., known as the
Vulcan No. 1 - Vulcan No. 2 - Vulcan No. 3 - Vulcan No. 4,
situate in *Pima* mining district,

Pima County, *Arizona*,
in Sections *2, 4, 3,* Township No. *17 S,* Range No. *12 East,*

....., designated as Survey No. *1573.*

executed by *Philip Contzen,* U. S. Deputy Mineral

Surveyor, *June 28 - July 3-1901, 18*, under my instructions dated

June 10-1901, 18, 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.

Hugh Price

U. S. Surveyor General for *Arizona*

