

MS.

01698

MINERAL SURVEY NO. 1698

Claims	M & B Desc.	Improvements	Loc. Notices
Chicago	11	17	3
Cow Boy	7	16	7
Crown	3	16	4
Esperenza	1	15	2
Millsite	5	16	6
St. Louis	13	17	5
Summit	9	17	1

POOR QUALITY

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Recd. 3/30/02

Corrections No. 1

(4-683.)

Mineral Survey No. 1698

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

*The Standard Copper Company
of Arizona*

KNOWN AS BEING

*Esperanza, Law Boy, Chicago, Crown,
St. Louis, Summit and Millsite,* Silver Reef
Mining District,

Pinal County, *Arizona*

Section _____ Township _____, Range *unsurveyed*

Surveyed under instructions dated *Aug. 7 - 1902* . 1

by *Albert D. Patton*

U. S. Deputy Mineral Surveyor.

Claim located *May 15, 1896, Dec. 21-1896, Dec. 31, 1896, Dec. 31, 1896,
Dec. 31, 1896, Dec. 31, 1896, Jan. 12, 1897*

Survey commenced *Aug. 19 -* 1902

Survey completed *Aug 22 -* 1902.

0-160

Address claimants Atty.

*A. L. Krigan,
Tucson, Arizona.*

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I We, John C Harris and _____,
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 The Standard Copper Co. of
Arizona, known as the
Esperanza, Cowdrey, Chicago, Crown, St. Louis Summit & Millsite
situate in Silver Reef mining district,
Pinal County, Arizona,
in Section _____, Township No. _____, Range No. Reinsurveyed

John C Harris, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 18 day of August, 1890

Albert T Colton
Notary Public in and for Pinal County, Arizona, Terr.

I, Alex B Wolven, 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 The Standard Copper Co. of
Arizona
known as the Esperanza, Cowdrey, Chicago, Crown, St. Louis Summit & Millsite
more fully described in the preceding affidavit.

Alex B Wolven, Axeman.

Subscribed and sworn to by the said Alex B
Wolven before me this 18 day of
August, 1890

Albert T Colton
Notary Public in and for Pinal County, Arizona, Terr.

I, _____, 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 _____
_____ known as the _____,
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
_____ before me this _____ day of
_____, 18 _____

Survey No. 1698

Esperanza Lode.

Beginning at cor. no. 1 south-east corner of claim.

Identical with cor. no. 2 of location.

A Granite rock, 24 x 10 x 8 ins set 12 ins in the ground.

with mound of stones

2 ft. base 1 1/2 ft. high alongside

chiseled 1-1698. whence the

N. W. Cor. Sec. 30. T. 8 S. R. 6 E. G. &

S. R. B. M. bears. S. 82° 51' E. 6467.2 ft.

No other bearings available.

725 20 cor ^{no 3} ^{mine site} ^{of this survey.} Thence North
750 Cor. no. 3 of location. East side
center of claim.

825 center of wash 6 ft. wide on
bottom.

Course east.

1285 Center of wash 12 ft wide on
bottom.

Course S. 50° E.

1500 To Cor. no. 2.

Identical with cor. no. 4 of
location.

A granite rock 24 x 8 x 8 ins.
set 12 ins. in the ground chiseled

2-1698. a mound of stones

2 ft. base 1 1/2 ft high. alongside.

No bearings available.

Thence West.

230 Perpendicular bluff 150 ft. high
bears N - S.

300 Cor. no. 5 of location, north end
center of claim.

400 Descend

580 Trail from Silver Reef to

Standard Copper Camp bears
 S. 40° E,
 600 to Cor. no. 3.
 Identical with Cor. no. 6 of location.
 A Quartzite rock 24x10x8 ins. set
 12 ins. in the ground chiseled
 3-1698.
 A mound of stone 2 ft. base 1½ ft.
 high alongside.
 No bearings available.

Thence South.

10 a wash 5 ft. wide on bottom
 Course S. 35° E.
 750 Cor. no. 7 of location, west side
 center of claim.
 1500 To cor. no. 4.
 Identical with cor. no. 8 of
 location.
 A Granite rock in place show-
 ing 24x12x10 ins. above ground
 chiseled 4-1698.
 A mound of stones 2 ft. base
 1½ ft high alongside.
 No bearings available.

Thence East

300 Cor. no. 1 of location, south
 end center of claim.
 600 To Cor. no. 1. the place of
 beginning.

Crown Lode.

Beginning at Cor. no. 1 S. & E.
 corner of claim.
 Identical with cor. no. 4 Esper-
 enza lode of this survey,
 and cor. no. 8 of location,
 whence N.W. Cor. Sec 30 T. 8 S.
 R. 6 E. G. & S. R. B.M. bears
 S. 83° 27' E. 7060.15 ft.
 No other bearings available.

Thence North.

- 750 Cor. No. 7 of location, east side
center of claim.
- 1490 Center of wash, 5 ft. wide on bottom.
Course S. 35° E.
- 1500 To Cor. No. 2.
Identical with Cor. No. 3
Esperenza lode and Cor. No.
6 of location.

Thence West.

- 12 Center of wash 5 ft wide on bottom.
Course S. 35° E. ascend
- 300 Cor. No 5 of location, north end
center of claim, top of bluff,
about 100 ft. above Cor. No. 2
bears N. & S.
- 550 center of wash 15 ft. wide on bottom.
Course North.
- 600 To Cor. No. 3.
Identical with Cor. No. 4 of location.
A Quartzite rock in place
showing 24 x 12 x 18 ins. above
ground chiseled 3-1698.
A mound of stone 2 ft base
1 1/2 ft high alongside.
No bearings available.

Thence South.

- 300 Foot of bluff, ascend

- 750 Top of bluff 200 ft. above Cor. 3:
Cor. No. 3 of location, west side
center
- 1500 To Cor. No. 4
Identical with Cor. No. 2 of location.
A sandstone $24 \times 8 \times 6$ ins. set 12 ins.
in the ground chiseled 4-1698
A mound of stone 2 ft. base $1\frac{1}{2}$ ft.
high alongside.
No bearings available.

Thence East.

- 100 Descend abruptly.
- 300 To Cor. No. 1 of location, south
end center of claim
- 600 To Cor. No. 1, the place of
beginning.
-

Millsite Lode.

Beginning at Cor. No. 1, south-easterly corner of claim. Identical with Cor. No. 6 of location.

A Porphyry rock 24x10x10 ins. set 12 ins. in the ground. chiseled 1-1698

A mound of stone 2 ft. base 1 1/2 ft. high alongside whence N. W. Cor. Sec 30 T. 8 S. R. 6 E. G. & S. R. B. M. bears N. 89° 14' E. 6434.25 ft. No other bearings available.

Thence N. 22° 30' E.

750 To Cor. No. 7 of location, easterly side center of claim.

1500 To Cor. No. 2. Identical with Cor. No. 8 of location. A Porphyry rock 24x10x8 ins. set 12 ins. in the ground, chiseled 2-1698.

A mound of stone 2 ft base 1 1/2 ft. high alongside. No bearings available.

Thence N. 67° 30' W.

300 To Cor. No. 1 of location, northerly end center of claim.

600 To Cor. No. 3. Identical with Cor. No. 2 of location. on line 1-2 of Esperanza lode of this survey.

A Porphyry rock 24x10x8 ins. set 12 ins. in the ground chiseled 3-1698.

A mound of stone 2 ft base 1 1/2 ft. high alongside. East side center monument of Esperanza lode bears N. 25 ft. No other bearings available.

- Thence S. $22^{\circ} 30' W$.
- 750 Cor. No. 3 of location
Westerly side center of claim
- 785 Intersect line 4-1 of Esperanza
lode of this survey at S. end
center monument.
- 1500 To Cor. No. 4
Identical with Cor. No. 4 of location
A Porphyry rock $24 \times 10 \times 6$ ins. set
12 ins. in the ground, chiseled
4-1698.
A mound of about 2 ft base $\frac{1}{2}$ ft
high alongside.
No bearings available.

-
- Thence S. $67^{\circ} 30' E$.
- 300 To Cor. No. 5 of location
Southerly end center of
claim.
- 600 To Cor. No. 1 the place of
beginning.
-

Cow Boy Lode

Beginning at Cor. No. 1 S. E. corner of claim.

Identical with Cor. No. 4 of location.

A Quartzite rock 24x6x6 ins. set 12 ins. in the ground, chiseled 1-1698 and + at corner point.

A mound of stone 2 ft. base and 1 1/2 ft high alongside.

Whence

N. W. Cor. Sec. 30 T. 8 S. R. 6 E. bears N. 85° 26' E 730.172 ft.

No other bearings available.

Thence West

120 Center of wash 10 ft wide on bottom

Course ~~South~~

324 South end center of claim
Identical with Cor. No. 5 of location

648 To Cor. No. 2
Identical with Cor. No. 6 of location.

A Quartzite rock 24x12x8 ins. set 12 ins. in the ground, chiseled 2-1698 and + at corner point.

A mound of stone 2 ft. base 1 1/2 ft high alongside.

No bearings available.

Thence N. 22° 30' E.

750 Cor. No. 7 of location, west side center of claim.

1500 To Cor. No. 3
Identical with Cor. No 8 of location,

A Porphyry rock in place 18x18 ins. showing 12 ins. above ground chiseled 3-1698 and + at corner point.

A mound of stone 2 ft base 1 1/2 ft high alongside

No bearings available.

Thence East

- 48 South end centre monument
of Crown lode of this survey
324 Cor. No. I of location, north end
center of claim.
348 Cor. No. 1 Crown and Cor. No. 4 of
Esperanza lodes of this survey
648 To Cor. No. 4

Identical with N.E. Corner of claim
Cor. No. 2 of location on line 3-4
of Millsite lode of this survey.

A Porphyry rock 30 x 10 ins. showing
8 ins. above ground, chiseled 4-1698
and + at corner point.

A mound of stone 2 ft base $1\frac{1}{2}$ ft
high alongside.

No bearings available.

Thence S. $22^{\circ} 30' W.$

- 715 Cor. No. 4 Millsite lode of this
survey.
750 Cor. No. 3 of location, east side
center of claim.
1500 To Cor. No. 1 the place of beginning.

Summit Lode.

Beginning at Cor. No. 1
 Identical with Cor. No. 2 of Cow Boy
 Lode of this survey, and Cor.
 No. 6 of location.

S.E. corner of claim, whence
 N.W. Cor. Sec. 30 T. 8 S. R. 6 E. G. S. R.
 B.M. bears N. $85^{\circ} 49'$ E 7967.95 ft.

Thence West

- 100 Ascend steep bluff.
 300 Top of bluff
 324 Cor. No. 5 of location, south
 end center of claim
 648 To Cor. No. 2.

Identical with Cor. No. 4 of location.

A Granite rock in place, 20×20 ins.
 showing 30 ins. above ground
 chiseled 2-1698 and + at corner
 point.

A mound of stone 2 ft base $1\frac{1}{2}$ ft
 high alongside.

No bearings available.

Thence N. $22^{\circ} 30'$ E.

- 750 Cor. No. 3 of location, west side
 center of claim.
 1500 To Cor. No. 3

Identical with Cor. No. 2 of location.

A Porphyry rock $28 \times 20 \times 12$ ins. set
 12 ins. in the ground, chiseled
 3-1698 and + at corner point.

A Mound of stone 2 ft base $1\frac{1}{2}$ ft
 high alongside.

No bearings available.

Thence East

- 824 Cor. No. 1 of location, north end
 center of claim
 396 Cor. No. 4 Crown lode of this survey

- 494 Descend abruptly
 648 To Cor. No. 4
 Identical with Cor. No. 3 Cow. Boy
 lode of this survey and Cor.
 No 8 of location.
-
- 750 Thence S. 22° 30' W.
 Cor. No. 7 of location, east side
 center of claim.
- 1500 To Cor. No. 1, the place of beginning
-

Chicago Lode

Beginning at Cor. No. 1, N.E. Corner
of claim.

Identical with Cor. No. 6 of location
and Cor. No. 1 of Summit lode
of this survey heretofore herein
described. Whence N.W. Cor. Sec. 30, T. 8 S. R. 6 E.
brs. N. 85° 49' E. 7957.05 ft.

Thence West

- 100 Ascend steep bluff
300 Top of bluff
324 South end center monument
648 of Summit lode of this survey
750 ^{of Cor. No. 7} ^{Summit lode of this survey} Cor. No. 7 of location and N.E. C. of claim
1500 To Cor. No. 2

Identical with Cor. No. 8 of location

A Porphyry rock 24 x 10 x 8 ins. set
12 ins. in the ground, chiseled
2-1698 and + at corner point.

A mound of stone 2 ft base
1½ ft high alongside.

No bearings available.

Thence South.

- 300 Cor. No. 1 of location west end
center of claim.

Descend

- 600 To Cor. No. 3

Identical with Cor. No. 2 of location

A Sandstone 24 x 12 x 10 ins. set
12 ins in the ground, chiseled
3-1698

A monument of stone 2 ft base
1½ ft. high alongside

No bearings available.

Thence East

- 750 Cor. No. 3 of location south side
center of claim

- 1500 To Cor. No. 4

Identical with Cor. No. 4 of

location.

A Sandstone 12 x 10 x 10 ins. set
12 ins. in the ground, chiseled
4-1698

A mound of stone 2 ft base
1 1/2 ft high alongside.

No bearings available.

Thence North

300

Cor. No. 5 of location, east end
center of claim

600

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

St. Louis Lode

Beginning at Cor. No. 1
Identical with Cor. No. 4 of location
N. E. Cor. of claim and Cor. No. 4
Chicago lode of this survey
heretofore herein described.

Whence N. W. Cor. Sec. 30 T. 8 S.
R. 6 E. G. & S. R. B. M. bears
N. 81° 32' E. 8074.63 ft.
No other bearings available.

Thence West.

750 Cor. No. 3 of location North side
center of claim

1500 To Cor. No. 2

Identical with Cor. No. 2 of location
and Cor. No. 3 of Chicago lode of
this survey.

Thence South

300 Cor. No. 1 of location, West end
center of claim

600 To Cor. No. 3

Identical with Cor. No. 8 of location
A Sandstone 24 x 12 x 8 ins. set
12 ins. in the ground, chiseled
3-1698 and + at corner point.
A mound of stone 2 ft. base
and 1 1/2 ft. high alongside.
No bearings available.

Thence East

750 Cor. No. 7 of location, South
side center of claim.

1500 To Cor. No. 4

Identical with Cor. No. 6 of location.
A Sandstone 24 x 10 x 8 ins. set
12 ins. in the ground, chiseled 4-1698
and + at corner point.
A mound of stone 2 ft. base 1 1/2 ft.
high alongside.

No bearings available.

- 300 Thence North
- 300 Cor. No. 5 of location, east end center of claim.
- 600 To Cor. No. 1, the place of beginning

Variation at all corners of this survey 13° 10' E

Area.

Total Area Esperanza lode	20,661	Acre
Total Area Crown lode	20,661	Acre
Total Area Millsite lode	20,661	Acre
less area in conflict with Esperanza lode of this survey =	2,497	Acre = 18,164
Total Area Cow Boy lode	20,620	Acre
Total Area Summit lode	20,620	Acre
Total Area Chicago lode	20,661	Acre
Total Area St. Louis lode	20,661	Acre
Total Area of claim	142,048	Acre

The Survey of this claim is identical with location.

adjoining claims etc.?

Ledges

The ledges extend through the center of the respective claims from End Center to End Center.

✓ No. 3 A shaft 4x6 ft. 160 ft. deep in rock, center of shaft bears from Cor. No. 1 N. 55° W. 275 ft.
Value \$1600

On Crown lode.

No. 1 Discovery shaft 4x7 ft. 10 ft. deep in rock, center of shaft bears from Cor. No. 1 N. 30° W. 590 ft.

Value \$100
\$400 of the value of shaft No. 1 on the Esperanza lode is to be credited to the Crown lode

On Millsite lode.

No. 1 Discovery shaft 4x7 ft. 10 ft. deep in rock, center of shaft bears from Cor. No. 1 N. 9° E. 875 ft.

Value \$100

No. 2 A tunnel 5x7 ft. running S, 20 ft. in rock, mouth bears from Cor. No. 2 S. 52° 36' W. 575 ft.

Value \$200
\$900 of the value of shaft No. 1 on the Esperanza lode is to be credited to the Millsite lode

On Cow Boy lode.

No. 1 ^{poles} Location shaft 4x6 ft. 10 ft. deep in rock, center of shaft bears from Cor. No. 4 S. 45° W. 775 ft.

Value \$100

No. 2 A shaft 4x6 ft. 10 ft. deep in rock, center of shaft bears from Cor. No. 4 S. 47° W. 800 ft.

Value \$100

No. 3 Open cut 5 ft. wide runs west 30 ft. in rock, 12 ft. deep at face, face bears from Cor. No. 1 N. 4° W. 650 ft.

Value \$300

Shaft of No. 1

Shaft

Shaft

100
100
200
100
500

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No. 4 A shaft 5x6 ft. 12 ft. deep
in rock bears from Cor. No.
1 N. 6° 45' W. 650 ft.

Value \$100

On Summit lode.

Discovery shaft 4x6 ft. 10 ft.
deep in rock, bears from Cor.
No. 3 S. 37° 30' E. 344 ft.

Value \$100
\$2100 of the value of shaft No. 1 of the Esperanza lode
is to be credited to the Summit lode

On Chicago lode.

No. 1 Discovery shaft 4x6 ft. 10 ft.
deep in rock, center of shaft
bears from Cor. No. 1 S. 49° 30' W.
465 ft.

Value \$100

No. 2 Open cut 10 ft wide run-
ning North 10 ft deep at face
in rock, West end of face bears
from Cor. No. 3 N. 8° E. 350 ft.

Value \$100
\$300 of the value of shaft Esperanza lode
is to be credited to the Chicago lode

On St. Louis lode.

Discovery shaft 4x6 ft. 10 ft.
deep in rock, center of shaft
bears from Cor. No. 3 N. 49° 45' E.
465 ft.

Value \$100
\$400 of the value of Esperanza lode to be
credited to the St. Louis lode

appertion

appertion

appertion

100

100

100

200

General Description

This claim is located on what would be if surveyed. Secs. 23 and 26 T. 8 S. R. 5 E. Q. 1 R. B. & M. along the eastern slope of what is locally known as the Reef Mountain, the western part of the claim being about five hundred feet higher than the eastern boundaries. I find no well defined veins on any of the lodes, but the ore body appears to lie in a north easterly and south westerly direction between shaft No. 2 on Esperanza lode and location shaft on St. Louis lode dipping westerly into the mountain, outcropping at the north end of Esperanza and at location works on same claim, at cut on Cow Boy and cut on Chicago. No. 1 shaft on Millsite shows ore in bottom. This appears to be about the eastern limit of the ore body, and the discovery shaft on St. Louis appears to be about the southern limit. This ore body can be most advantageously worked from three points; viz: Discovery works on Esperanza, Cut on Cow Boy, and Cut on Chicago, but mostly from the works No. 1 on Esperanza.

Instruments.

This survey was made with a Young and Lous Light Mountain Transit. The courses were deflected from the true meridian as determined by observations on Polaris at eastern elongation.

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

Albert G. Colton
U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Albert T. Calton
 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 The Standard Copper Co. of Arizona
 known as the Esperanza, Cow Boy, Chicago, Crown, St. Louis, Summit & Millsite
 and showing the respective capacities in which they acted.

John C. Harris , Chairman.
 , Chairman.
Alex B. Walvern , Axman.
 , Flagman.

FINAL OATHS OF ASSISTANTS.

We, John C. Harris
 and Alex B. Walvern do solemnly swear that we assisted Albert T.
Calton United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Standard Copper
Co. of Arizona
 known as the Esperanza, Cow Boy
Chicago, Crown, St. Louis, Summit & Millsite 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

John C. Harris , Chairman.
 , Chairman.
Alex B. Walvern , Axman .
 , Flagman.

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

this 25~~th~~ day of August , 1902

Albert T. Calton
 Notary Public in and for Final

My commission expires Feb. 10, 1905. County, Arizona, Terr.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Albert P. Colton, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug 7th 1902, 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 The Standard Copper Company of Arizona, known as the Esperanza, Cow Boy, Chicago, Crown, St. Louis, Summit & Millsett, situate in Silver Reef Mining District, Pinal County, Arizona, in Section _____, Township No. _____, Range No. unsurveyed and designated as Survey No. 1498, 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 _____ 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.

Albert P. Colton
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Albert P. Colton
U. S. Deputy Mineral Surveyor, before me Clerk of the
Dist. Court this 25th
day of August, 1902.

Clara C. Stevens
Clerk, District Court, Second Ju. District of Arizona, in and for
Pinal County

Affidavit of Five Hundred Dollars Improvements.

We, H. R. Watson, and Louis Starr

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Standard Lumber Company ^(its) mining claim, situate in Silver Reef Mining district, Pinal County, Arizona Territory, for which R. P. Annan, President of the Standard Lumber Company of Arizona 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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

H. R. Watson
Louis Starr

TERRITORY OF ARIZONA,
County of Pinal } ss:

Sworn to and subscribed before me, this 25th day of August, 1891 1902.

Frank Bennett

My Commission expires June 7th 1902

Location Notice.

To All Whom it may Concern: We claim for Mining purposes, 600 feet wide and 1500 feet long in the form of a parallelogram.

Monuments of stones at each corner, at the center of each end and center of each side line. This Notice is placed in a Monument at the discovery shaft Three Hundred feet from the Northern end end of claim.

General direction South West and North East. Situated in Silver Reef Mining District, Pinal County, Arizona about twelve miles in a southerly direction from Casa Grande. Described by miles and bounds as follows, to wit: Beginning at Monument No 1.

being the Northern end center of claim. Whence the corner to Sections 24 & 25. T. 8 S. R. 5. E. + Sections 19 & 30. T. 8. S. R. 6. E. bears S. 84° E. 7700 feet. Corner No 2 of Crown Claim. bears East 73 feet.

Thence West 324 feet to monument No 2.

" S. 27° 30' W. 750 feet to monument No 3

" S. 27° 30' W. 750 feet to monument No 4.

" West 324 feet to monument No 5

Thence West 324 feet to Monument No 6
 Identical with Cow Boy No 6.

Thence N $22^{\circ} 30'$ E 750 feet to monument No 7.
 Identical with Cow Boy No. 7. Thence N.

$22^{\circ} 30'$ E. 750 feet to monument No 8.
 Identical with Cow Boy No: 8.

Crown No 1 bears East $4\frac{1}{8}$ feet distant.
 Thence West, 324 feet to Monument
 No 1. place of beginning.

Magnetic variation $13^{\circ} 10'$ E. and shall
 be known as the "Summit" Mine.

Located December 31. 1896.

Felix Mayhew.

Am. Stiles

Jose Ulloa

O. Shutter

Filed and recorded at request of
 Chas. H. Peck, April 1st 1897 at 2 P. M.

F. A. Chamberlain Recorder

G. G. Thurston. Deputy.

Territory of Arizona } ss.
 County of Pinal }

I, Thos G. Peyton County
 Recorder in and for the County and
 Territory aforesaid do hereby certify
 that the above and foregoing is
 a full true and correct copy of the

"Summit" Mining claim, as the same
appears of record in Book No 14
Records of Mines at Page 596 thereof,
Records of Pinal County, Arizona Territory

Witness my hand and official
seal this 26 day of April A.D. 1902

J. G. Peyton
County Recorder Pinal Co.
Arizona Territory.

Amended Location Certificate.

— Law of 1899 —

Territory of Arizona } ss.
 County of Pinal }

Know all men by these presents, that Orr. Stiles, Felix Mayhew, Joe Alloa + G. Scheller the undersigned have this 9th day of March 1897, amended located and claimed, and by these presents do amend locate and claim, by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th 1872, and all subsequent acts, and with the general laws of the Territory of Arizona and with the local customs, laws and regulations, 1500 linear feet and horizontal measurement, on the Esperanza lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges, or deposits

and surface ground within the lines of said claim, 300 feet running South, and 1200 feet running north, from discovery point in cut, said discovery point being situated upon said lode, ledge, vein or deposit, and within the lines of said claim, in the Silver Reef Mining District, County of Pinal, Territory of Arizona, described by metes and bounds as follows, to wit: Beginning at monument No. 1 being the South end center of claim. Whence the corner to sections 24-25-19 + 30. T₈ South R₅₊₆ East, bears S. 83° 10' E. 6762 feet.

Whence East, 300 feet to monument No. 2.

Whence North 750 feet to monument No. 3.

1500 feet to monument No. 4.

Whence West 300 feet to monument No. 5.

600 feet to monument No. 6.

Whence South 750 feet to monument No. 7.

1500 feet to monument No. 8.

Whence East 300 feet to monument No. 1.

the place of beginning. Magnetic variation 13° 10' E.

This being the same lode originally located on the 5th day of May 1896 and recorded on the 9th day of May 1896, in Book 14 of Mines, page 387, in the office of the Recorder of Pinal County. This further and amended certificate of location is made with out waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

Wm. Skiles.

Jose Ulloa.

Felix Mayhew.

O. Scheller.

Filed and recorded at request of Stephen Peck, March 16th, 1897, at 3 P. M.

F. A. Chamberlain.

Recorder.

Territory of Arizona } s.s.
 County of Pinal. }

I, Ihus G. Peyton County Recorder in and for the county and Territory aforesaid do hereby certify that the above and foregoing is a full true and correct

copy of the Esperanza Amended
Mining claim, as the same
appears of record in Book No. 14
Records of Mines at Page 564
thereof, & Records of Pinal County
Arizona Territory.

Witness my hand and official
seal this 26 day of April A.D.
1902.

Thos. G. Custer,
County Recorder Pinal Co
Arizona Territory

Location Notice.

Notice is hereby given, that the Esperanza Mining Claim, containing mineral bearing quartz, earth or rock in place located by Jose Ulloa and William Stiles on this 5th day of May, 1896, has been located for Mining purposes. Said claim is 1500 feet in length, and said claim 300 feet on each side of the discovery shaft, for full length of claim. The general course of the lode, dip or premises is North and South. This claim is situated in the Silver Reef Mining District, Pinal County, Arizona, about Twelve miles in a Southern direction from Casa Grande. This claim is bounded and marked as follows to wit: Beginning at the South center end of said claim, being 300 feet South of the discovery shaft, upon which this notice is posted; thence 300 feet in a East direction to a post or monument; thence 750 feet in a North direction to a post or monument at the center of the East side of said claim; thence 750 feet in a North direction

to a post or monument: thence 300 feet in a West direction to a post or monument of the North end of said claim, and 1200 feet from the discovery shaft: thence 300 feet in a West direction to a post or monument: thence 750 feet in a South direction to a post or monument, being the center of the West side of claim: thence 750 feet in a South direction to a post or monument: thence 300 feet in a East direction to the place of beginning.

Done under and by virtue of the Laws of the United States and the Laws of the Territory of Arizona.

Wm. Stiles

Jose. Ulloa

Locators.

Filed and recorded at request of Wm. Stiles May 9th 1896 at 1-P. M.

Jose M. Ochoa Recorder.
G. G. Houston. Deputy.

Territory of Arizona }
 County of Pinal } S.S.

I, J. H. G. Peyton County
 Recorder in and for the County
 and Territory aforesaid do hereby
 certify that the above and fore-
 going is a full true and correct
 copy of the Esperanza Mining
 claim, as the same appears of
 record in Book No 14 - Record of
 Mines at Page 387 thereof,
 Records of Pinal County, Arizona
 Territory.

Witness my hand and official
 seal this 26 day of April A.D. 1902

J. H. G. Peyton
 County Recorder Pinal Co.
 Arizona Territory.

Location Notice.

Quartz Claim.

To all whom it may concern: We claim for Mining purposes, 600 feet wide, and 1500 feet long in the form of a parallelogram. Monuments of stones at each corner, at the center of each end and center of each side line. This Notice is placed in a Monument at the discovery shaft. Three Hundred and fifty feet from the West end of claim. General direction West and East. Situated in Silver Reef Mining District, Pinal County, Arizona, about twelve miles in a Southerly direction from Casa Grande. Described by Miles and bounds as follows to wit: Beginning at monument No. 1, being the West end Center of claim. Whence the corner to Sections 24 & 25, P. 8, S. R. 5 E. & Sections 19 & 30, P. 8, S. R. 6 E. bears N. 84° $40'$ E. 9450 feet.

Thence South 300 feet to monument No. 2.

Thence East 750 feet to Monument No. 3.

" East 750 feet to Monument No. 4.

" North 300 feet to Monument No. 5.

Thence North 300 feet to Monument No. 6
 Identical with Cow Boy No. 10 and Summit
 No. 6.

Thence West 324 feet to Summit No. 5.

648 feet " " " 4.

750 feet to Monument No. 7.

Thence West 750 feet to Monument No. 8.

Thence South 300 feet to Monument No. 1.

place of beginning. Magnetic variation
 $13^{\circ} 10'$ E. and shall be known as the
 "Chicago" Mine.

Located December 31st 1896.

Felix Mayhew

Wm. Stiles

Joe Allva

O. Shutter

Filed and recorded at request of
 Chas. H. Peck April 1st 1897 at 2-P.M.

F. A. Chamberlain Recorder.

G. G. Thurston Deputy.

Territory of Arizona } s.s.
 County of Pinal }

I, Thos. G. Peyton County Recorder
 in and for the County and Territory
 aforesaid do hereby certify that the
 above and foregoing is a full true

and correct copy of the "Chicago" Mining
claim, as the same appears of record
in Book No 14 Records of Mines at
Page 597 thereof, Records of Pinal County
Arizona Territory.

Witness my hand and official
seal this 26 day of April A. D. 1902.

Thos. G. Peyster
County Recorder Pinal Co.
Arizona Territory.

Location Notice

Quartz Claim.

To All Whom it may Concern: We claim
 for Mining purposes, 600 feet wide and
 1500 feet long in the form of a
 parallelogram. Monuments of stones
 at each corner, at the center of each
 end and center of each side line.

This notice is placed in a monument
 at the discovery shaft Five Hundred
 feet from the Southern end of claim.
 General direction South West and
 North East, situated in Silver Reef
 Mining District, Pinal County,
 Arizona, about twelve miles in a
 southerly direction from Casa Grande
 described by metes and bounds as
 follows, to Wit: Beginning at
 monument No 1, being the South
 end center of claim. Whence the
 corner to Sections 24 + 25 T. 8 S. R. 5. E.
 + Sections 19 + 30 T. 8. S. R. 6 E. bears
 S. 83° 40' E. 7297 feet:

Thence West 300 feet to Monument No 2.

" North 750 feet to Monument No 3.

" North 750 feet to Monument No 4

" East 300 feet to Monument No. 5

" East 300 feet to Monument No. 6.

Identical with Esperanza No. 6.
 Thence, South 750 to Monument No. 7
 Identical with Esperanza No. 7.
 Thence, South 750 feet to Monument
 No. 8. Identical with Esperanza No. 8.
 Thence West 300 feet to Monument,
 No. 1 place of beginning.
 Magnetic Variation, $13^{\circ} 10'$ E. and
 shall be known as the "Crown" Mine.
 Located December 31st 1896.

Felix Mayhew.

Wm. Stiles

Jose Ulloa.

O. Shutter

Filed and recorded at request of
 Chas. H. Peck April 1st 1897. at 2 P.M.

F. A. Chambelin

Recorder.

Territory of Arizona }
 County of Pinal } S.S.

I, Thos. G. Peyton County Recorder
 in and for the County and Territory
 aforesaid do hereby certify that the
 above and foregoing is a full true
 and correct copy of the "Crown" Mining
 claim, as the same appears of record
 in Book No. 14 Record of Mines

at Page 595 thereof, Records of Pinal
County Arizona Territory.

Witness my hand and official seal
this 26 day of April A. D. 1902.

Thos. G. Poytner

County Recorder Pinal Co.
Arizona Territory.

Location Notice Quartz Claim.

To All Whom it may Concern. We claim for Mining purposes 600 feet wide and 1500 feet long in the form of a parallelogram. Monuments of Stones at each corner, at the center of each end and center of each side line. This Notice is placed in a Monument at the discovery shaft. Three Hundred and fifty feet from the Westerly end of claim.

General direction West and East.

Situated in Silver Reef Mining District, Pinal County, Arizona, about twelve miles in a Southerly direction from Casa Grande.

Described by Miles and bounds as follows, to Wit: Beginning at Monument No. 1 being the West end center of claim. Whence the corner to Sections 24 + 25 T. 8. S. R. 5. E. + Sections 19 + 30 T. 8 S. R. 6 E. bears N. $85^{\circ} 05'$, E. 9530 feet.

Thence North 300 feet to Monument No. 2 Identical with Chicago No 2.

Thence East 750 feet to Monument No 3 Identical with Chicago No 3

Thence East 750 feet to Monument
No. 4. Identical with Chicago No. 4.
Thence South 300 feet to monument
No 5

Thence South 300 feet to Monument No. 6.

" West 750 feet to Monument No. 7.

" West 750 feet to Monument No 8.

" North 300 feet to Monument No 1

place of beginning. Magnetic variation
 $13^{\circ} 10'$ E. and shall be known as the
"St Louis" Mine.

Located December 31 - 1896

Felix Mayhew

Wm. Stiles

Jose Ulloa

Q. Shutter.

Filed and recorded at request of
Chas. H. Peck April 1st 1897 at 2 P.M.

F. A. Chamberlin Recorder

G. G. Thurston, Deputy.

Territory of Arizona } s.s.

County of Pinal }

I, Chas. G. Peyton County Recorder
in and for the County and Territory
aforesaid do hereby certify that the
above and foregoing is a full true

and correct copy of the "St. Louis"
Mining claim, as the same appears
of record in Book No 14 - Record
of Mines at Page 598 thereof, Records
of Pinal County, Arizona Territory.

Witness my hand and official
seal this 26 day of April A.D. 1902.

Thos. G. Putnam
County Recorder Pinal Co.
Arizona, Territory.

Location Notice.

Quartz Claim.

To all Whom it may Concern: I claim for Mining purposes, 600 feet wide and 1500 feet long in the form of a parallelogram. Monuments of Stones at each corner, at the center of each end and center of each side line. This notice is placed in a monument, at the discovery shaft, about 688 from the North end of claim. General direction about N. East & S. West. Situated in Silver Reef Mining District Pinal County, Arizona, about twelve miles in a Southerly direction from Casa Grande, Decimaled by meters and bounds as follows to wit:

Beginning at Monument No. 1. Bring the Northerly end of claim.

Whence the corner, to Sections 24 + 25. T. 8 S. R. 5. E. + Sections 19 + 30. T. 8. S. R. 6. E. bears S. $76^{\circ} 35'$ E. 6580 feet. Thence N. $67^{\circ} 30'$ W. 300 feet to Monument No. 2.

Whence Esperanza No. 3 bears North 25 feet. Thence S. $27^{\circ} 30'$ W. 750 feet to monument No. 3. Whence Cow Boy No. 2. + Esperanza No. — bears S. $27^{\circ} 30'$ W. 35 feet. Thence S. $27^{\circ} 30'$ W. 750 feet to

Monument No 4. Whence Cow Boy, No 3
 bears South 35 feet, Thence S. $67^{\circ} 30'$ E. 300
 feet to Monument No. 5.

Thence S. $67^{\circ} 30'$ E. 300 feet to Monument No 6

" N. $22^{\circ} 30'$ E. 750 feet to " No 7

" N. $22^{\circ} 30'$ E. 750 feet to " No 8

" N. $67^{\circ} 30'$ W. 300 feet to " No 1

place of beginning. Magnetic variation
 $13^{\circ} 10'$ E and shall be known as the
 "Millsite" Mine.

Located, March 18 - 1897.

Stephen Peck.

Filed and recorded at request of
 Chas. H. Peck 3^d June 14 "1897 at 1 P.M.

F. A. Chambelin Recorder.

G. G. Thurston Deputy.

Territory of Arizona }
 County of Pinal } S.S.

I, Thos. G. Peyton County
 Recorder in and for the County
 and Territory aforesaid do hereby
 certify that the above and fore-
 going is a full true and correct
 copy of the "Millsite" Mining claim
 as the same appears of record in Book
 No. 15 Records of Mines at Page 8.

thereof, Records of Pinal County
Arizona Territory

Witness my hand and official
seal this 26 day of April A.D. 1902.

Thos. G. Pustan
County Recorder Pinal Co.
Arizona Territory.

Amended Location Certificate.

Law of 1889 -

Territory of Arizona	} s. s.
County of Pinal	

Know all men by these presents, that Abu. Stiles, Felix Mayhew, Jose Ulloa & O. Schetter the undersigned have this 9th day of March 1897, amended located and claimed, and by these presents do amend locate and claim, by right of discovery and amended location, in compliance with the mining Acts of Congress and with the general laws of the Territory of Arizona, and with local customs, laws and regulations, 1500 linear feet, and horizontal measurement, on the Cow Boy lode, vein, ledge or deposit, along the vein thereof, with all its dips angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present development, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 500

feet running N. $22^{\circ}30'$ E. and 1000 feet
 running S. $22^{\circ}30'$ W. from discovery
 point in cut, said discovery point
 veins situate upon said vein, ledge
 or deposit, and within the lines of
 said claim, in the Silver Reef Mining
 District, County of Pinal, Territory of
 Arizona, described by notes and bounds
 as follows, to wit: Beginning at
 Monument No. 1, being the westerly
 end center of claim, whence the corner
 to Section 24-25-19+30 T⁸. S. 5+6
 East, bears S. $83^{\circ}30'$ E. 7102 feet. Monument
 No. 2 of Esperanza claim bears East
 24 feet. Thence, East 324 feet to
 monument No. 2. Identical with
 monument No. 1. of Esperanza claim.
 Thence S. $22^{\circ}30'$ W. 750 feet to monument
 No. 3 - 1500 feet to Monument No. 4.
 Thence, West 324 feet to Monument
 No. 5. 648 feet to monument No. 6.
 Thence N. $22^{\circ}30'$ E. 750 feet to monument
 No. 7. 1500 feet to Monument No. 8.
 Thence East 324 feet to Monument No. 1.
 place of beginning.
 Magnetic variation $13^{\circ}10'$ E.
 This being the same lode originally

located on the 1st day of September 1896, and recorded on the 21st day of December 1896, in Book 14 of Mines, Page 481 in the office of the Recorder of Pinal County. This further and amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

Wm. Stiles.

Jose Ulloa

Felix Mayhew

O. Schettler.

Filed and recorded at request of Stephen Peck March. 16th 1897, at 3 P. M.

F. A. Chamberline.

Recorder.

Territory of Arizona } S.S.
County of Pinal }

I, J. G. G. P. Peyton County Recorder in and for the County and Territory aforesaid do hereby certify that the above and foregoing is a full true and correct copy of the Cow Boy Amended Mining claim, as the same appears

of record in Book No 14 Record of
Marries at Page 566 thereof, Records
of Pinal County, Arizona Territory.

Witness my hand and official
seal this 26 day of April A.D. 1907.

† Mrs. G. Peyton
County Recorder, Pinal Co.
Arizona Territory.
†

Location Notice

Notice is hereby given, that the undersigned in Compliance with the requirements of the Mining Act of Congress, Approved May 10. 1872, and all Acts Ammendatory thereto has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of Mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode, or vein, situate in the Silver Reef Mining District, County of Pinal, Arizmat, and more particlarly described as follows, to wit: Commencing at this monument of stones, being the center of the Northern end of claim and upon which this notice is posted, thence Westely Three hundred feet to a monument of stones: thence Southerly Fifteen hundred feet to a monument of stones, thence Eastely Three hundred feet to a monument of stones, being the center of the Southerly end of claim: thence Southerly Three hundred feet to a monument of stones: thence Northerly Fifteen

Hundred feet to a monument of stones
 three Westely, Three hundred feet
 to place of beginning. This claim is
 situate adjoining to land Southely
 from the Mining Claim known as
 the Esperanza, as of record in Records
 Office, Pinal County, Arizona, and
 about Three Miles Southely from
 the Town of Casa Grande, and shall
 be known as the "Cow Boy" Mine.
 Located Sept. 1st. 1896.

Abu. Stiles.

Felix Mayhew.

Jose Ulloa

O. Schetter.

Filed and recorded at request
 O. Schetter Dec. 21st. 1896 at 1-30 P. M.

Jose M. Delva Recorder
 G. G. Thurston Deputy

Territory of Arizona, } s.s.
 County of Pinal }

J. Thos. G. Peyton County
 Recorder in and for the county and
 Territory aforesaid do hereby certify
 that the above and foregoing is a
 full true and correct copy of the

"Cow Boy" Mining claim, as the same appears of record in Book No. 14 Records of Mines at Page 481 thereof, Records of Pinal County Arizona Territory.

Witness my hand and official seal this 26 day of April A.D. 1907.

Thos. G. Peyton
County Recorder Pinal Co.
Arizona Territory.

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.

Jan. 6th 1904, 190

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of The Standard Copper Co. of Arizona.

Esperanza, Cow Boy, Chicago, Crown, St. Louis, Summit and Millsite.

situate in Silver Reef, mining district, Pinal, County, Arizona.

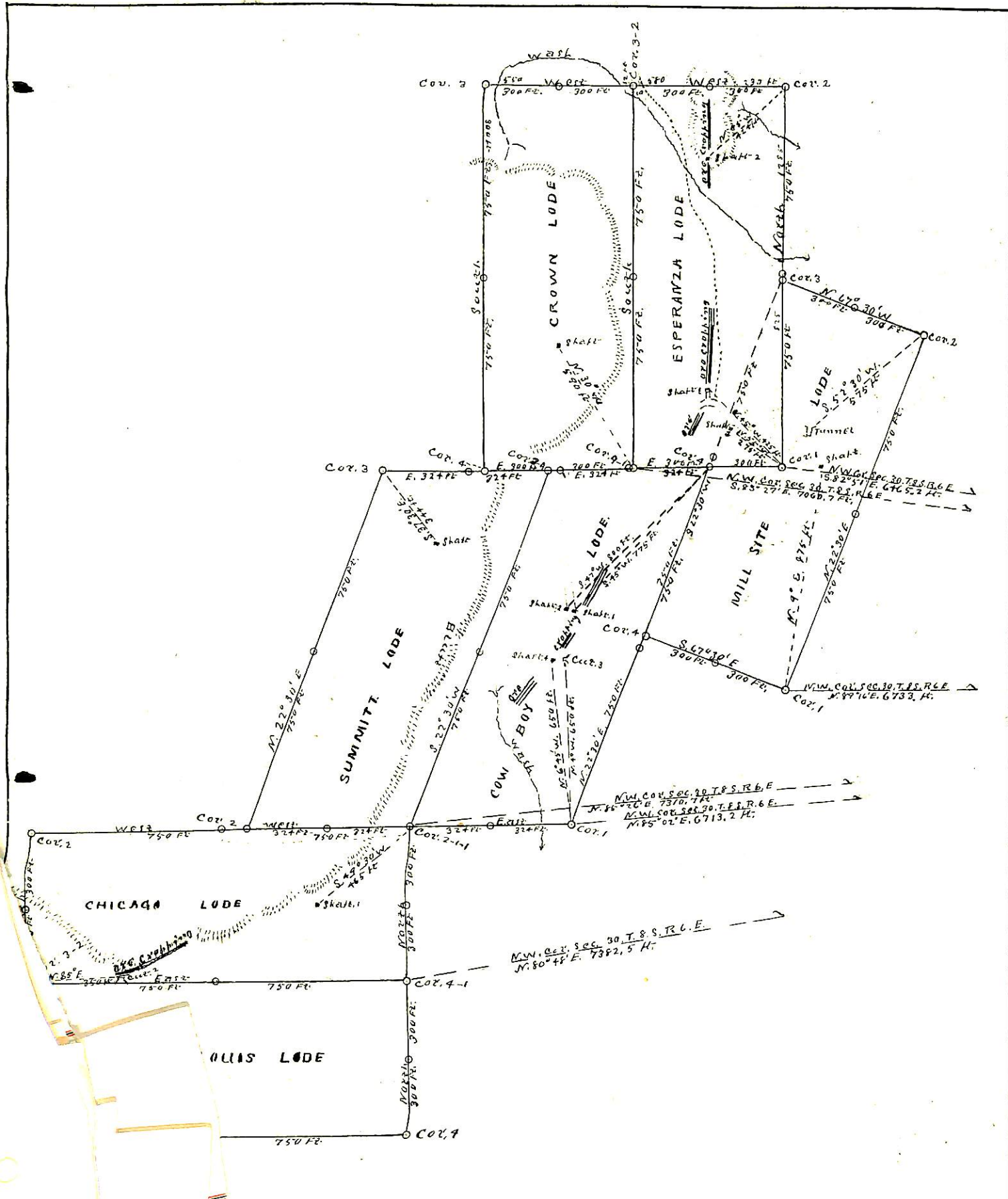
in Section, Township No., Range No. (unsurveyed), designated as Survey No. 1698.

executed by Albert T. Colton, U. S. Deputy Mineral Surveyor, Aug. 19-22, 1902, 190, under my instructions dated

Aug. 7, 1902, 190, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. A true copy of the copy of the location certificate filed by the applicant. for survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.



SURVEY No 1688
 GILA LAND DISTRICT
 Surveyed Aug. 19-22, 1902
 By Albert T. Colton
 U. S. Deputy Surveyor