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MAY 2 1905

JUN 12 1905

(4-683.)

Mineral Survey No. 2021

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Duquesne Mining and Reduction Co.

KNOWN AS THE

Big Camp - Bisbee, Pittsburgh, Wedge, Mansanita, Last Chance, Jumbo, Big Camp 1102 - Big Cave - success - Silver Jack - Chris Excels, Keystone, Bronco, Rhino, Center, Copper Belt

Patagonia Mining District,

Santa Cruz Co County, Arizona

Section _____, Township 24 S., Range 16 E (unsurveyed)

Surveyed under instructions dated May 5th, 1905

by Philip Conzen
U. S. Deputy Mineral Surveyor

Claim located (See location notices) 1

Survey commenced May 6th 1905

Survey completed May 10th 1905

6-100

*Ties OK to be connected
Areas OK
Ledges to be connected*

*Herford & Hazzard attys
Tucson, Ariz*

Success lode

Survey No 2021

Beginning at Cor. No 1

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft base, $2\frac{1}{2}$ ft highA porphyry stone $24 \times 14 \times 10$ ins. set 12 ins. in the ground with mound of stone, chiseled 1-2021, whenceN. S. Mineral Monument No 1, bears ~~N~~ $70^{\circ}18'$ ~~E~~ 6514.2 ftAn oak, 6 ins. diam., blazed and scribed 1-2-2021 B.T., bears $S 32^{\circ}30'W$, 50.5 ftAn oak, 6 ins. diam., blazed and scribed 1-2-2021 B.T., bears $N 42^{\circ}30'E$, 29.6 ft.Thence $S 56^{\circ}E$ $N 12^{\circ}15'E$

300 S. end center monument

Identical with the location which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

600 To Cor. No 2,

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. highA porphyry stone $24 \times 14 \times 10$ ins, 12 ins. in the ground with mound of stone, chiseled 2-2021, whenceAn oak, 6 ins. diam., blazed and scribed 1-2021 B.T., bears $N 52^{\circ}00'E$ - 13.2 ftAn oak, 8 ins. diam., blazed and scribed 1-2021 B.T., bears $S 15^{\circ}E$ - 49.5 ftThence $N 15^{\circ}25'$ ~~E~~ $N 12^{\circ}15'E$

260 Gulch, course S. E.

750 E. Side line monument

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high.

900. Gulch, course N. E.

1500

To Cor. No 3,
 Identical with the location
 A porphyry 25 x 12 x 12 ins., set
 12 ins. in the ground, with
 mound of stone, chiseled
 3-2021, whence
 An oak 8 ins. diam., blazed and
 scribed 3-2021 B.T., bears
 $S 78^{\circ} W - 34.8$ ft
 An oak, 6 ins. diam., blazed and
 scribed 3-2021 B.T., bears $N 75^{\circ} 15' W$
 49 ft.

Thence $N 56^{\circ} W$
 $\frac{1}{4}$ a 12' 15" E

235-

Duquesne gulch, course N. E.

300

To N. end center monument
 Identical with the location, which
 is a mound of stone, 2½ ft. base,
 2½ ft. high

600

To Cor. No 4

Identical with the location, which
 is a mound of stone, 2½ ft. base,
 2½ ft. high

A porphyry stone 24 x 10 x 10 ins. set
 12 ins. in the ground, with a
 mound of stone, chiseled
 4-2021, whence

An oak, 6 ins. diam., blazed
 and scribed 3-4-2021 B.T.,
 bears $N 39^{\circ} E$, 38.3 ft.

An oak, 10 ins. diam., blazed
 and scribed 3-4-2021 B.T., bears
 $S 85^{\circ} 15' W$, 22.8 ft.

Thence $S 15^{\circ} 25' W$
 $\frac{1}{4}$ a 12' 15" E

260

Duquesne gulch, course E.

750

W. Side line monument,
 Identical with the location,
 which is a mound of stone,
 2½ ft. base, 2½ ft. high

1500

To Cor. No 1, the place of
 beginning. - 2 -

Pittsburgh lode

Beginning at Cor. No 1,
Identical with the location,
which is a mound of stone 2 1/2 ft
base, 2 1/2 ft high

A purple grey stone, 24 x 14 x 8 ins.
set 12 ins. in the ground, with
mound of of stone, chiseled

1-2021, whence

U.S. Mineral Monument No 1, bears
N 71° 43' W 593.8 ft.

An oak 20 ins. diam., blazed and
scribed 1-2-2021 B.T., bears
N 75° 15' E, 17 ft.

An oak, 6 ins. diam., blazed
and scribed 1-2-2021 B.T., bears
S 39° 30' W - 30.8 ft.

Thence S 56° E

1/4 12° 15' E

300 To S. end center monument
Identical with the location,
which is a mound of stone
2 1/2 ft. base, 2 1/2 ft. high

600 To Cor. No 2

Identical with the location
and with cor. No 1 of the Success
lode, of this survey, I mark
stone 2-2021

Thence N 15° 25' E

1/4 12° 15' E

750 E. Side line monument,
Identical with the location and
with W. side line monument
of Success lode of this survey.

1500 To Cor. No 3,

Identical with the location and
Cor. No 4 of the Success lode
of this survey. I mark
stone 3-2021

Thence N 56° W

1/4 12° 15' E

300 To N. end center monument

- Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
- 422 Gulch, course N.E.
- 570 Road to Loehel, bears N.E. and S.W
- 600 To Cor. No 4
- Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
- A granite stone $24 \times 12 \times 8$ ins., at 12 ins. in the ground, with mound of stone, chiseled 4-2021, whence
- An oak, 7 ins. diam., blazed and scribed 3-4-2021 B.T., bears $N 27^{\circ} E$ 50.3 ft.
- An oak, 6 ins. diam., blazed and scribed 3-4-2021 B.T., bears $S 78^{\circ} W$ - 66.3 ft.
- Thence $S 15^{\circ} 25' W$
- $N 4 12^{\circ} 15' E$
- 30 Road to Loehel, bears N.E. $\frac{3}{4}$ S.W
- 200 Gulch, course N.E.
- 750 W. side line center monument
- Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
- 1050 Duquesne gulch, course N.E.
- 1500 To Cor. No 1, the place of beginning Rhinoc lode
- Beginning at Cor. No 1
- Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high.
- A porphyry stone, $24 \times 10 \times 8$ ins., 12 ins., in the ground, with mound of stone, chiseled - 1-2021, whence
- N. S. Mineral Monument, No 1, bears $N 73^{\circ} 28' W$, 53.59.7 ft.
- An Oak, 6 ins. diam., blazed and scribed 1-2021 B.T., bears West 33.4 ft

An oak 6 ins. diam., blazed and scribed 1-2021 B.T., bears $S34^{\circ}W - 35.8$ ft.

Thence $S56^{\circ}E$
 $2\frac{1}{4} 12^{\circ}15'E$

100

Gulch, course N.E.

300

To S. end center monument, identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

600

To Cor. No 2

Identical with the location and Cor. No 1, Pittsburgh lode, of this survey, I mark stone 2-2021

Thence $N15^{\circ}25'E$

$2\frac{1}{4} 12^{\circ}15'E$

750

To E. Side line monument, identical with the location, and W. Side line monument, of the Pittsburgh lode of this survey.

1500

To Cor. No 3

Identical with the location and cor. No 4, Pittsburgh lode, of this survey, I mark stone 3-2021

Thence $N56^{\circ}W$

$2\frac{1}{4} 12^{\circ}15'E$

250

Gulch, course N.E.

300

N. end center monument, identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

350

Gulch, course N.E.

600

To Cor. No 4

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post 4 x 6 ins., $3\frac{1}{2}$ ft long, set 18 ins. in the ground with mound of stone, scribed R-4-2021, whence

An oak, 20 ins. diam., blazed and scribed 4-2021 B.T., bears $N70^{\circ}W - 18.4$ ft

An oak 7 ins. diam., blazed and scribed 4-2021 B.T., bears $N37^{\circ}45'E, 47.7$ ft.

Thence $S15^{\circ}25'W$
 $N912^{\circ}15'E$

378 Road to Lochiel, bears E and W.

487 Road to Lochiel, bears E and W

750 W. Side Line center monument, identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

850 Duquesne gulch, course S. E.

1350 gulch course S. E

1500 To Cor. No 1, the place of beginning

Big Cave hole

Beginning at Cor. No 1, identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post, 4×6 ins., $3\frac{1}{2}$ ft. long set 18 ins. in the ground with mound of stone, scribed B.C. 1-2021, whence

N. S. Mineral Monument No 1, bears $N85^{\circ}14'$, 3989.5 ft

An oak, 6 ins. diam., blazed and scribed 11-2021 B.T., bears $N1^{\circ}30'W - 17$ ft

An oak, 14 ins. diam., blazed and scribed 11-2021 B.T., bears $S6^{\circ}30'W - 19$ ft

Thence $S15^{\circ}25'W$
 $N912^{\circ}15'E$

300 To W. end center monument

Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

475 Old road, bears N. E. and S. W

490 Wash, course Easterly

600 To Cor. No 2,

A pine post 4x6 ins., 3½ ft. long, set 18 ins. in the ground with mound of stone, scribed B.C-2-2021, whence

An oak, 14 ins. diam., blazed and scribed 2-5-2021, bears N2°45'W-41.5 ft

An oak, 14 ins. diam., blazed and scribed 2-5-2021, bears N41°45'W-63 ft

Thence N89°25'E

1/4 12°15'E

30

Wash, course N. Easterly

775

Wash, course S. Easterly

874.3

To Cor. N°3,

Identical with the S. side line monument, which is a post and mound of stone.

Reset pine post, 4x6 ins., 3½ ft long, 18 ins. in the ground with mound of stone, scribed B.C. 3-2021, whence

An oak, 6 ins. diam., blazed and scribed 3-2021 B.T., bears N6°W-40.4 ft.

An oak, 6 ins. diam., blazed and scribed 3-2021 B.T., bears N40°E 86.7 ft.

Thence S85°36'E

1/4 12°15'E

608.9

To Cor. N°4,

Identical, with the location, which is a pine post in mound of stone.

Reset pine post 4x6 ins., 3½ ft long, set 18 ins. in the ground with mound of stone, scribed B.C. 4-2021, whence

Cor. N°1 Rhino lode of this survey bears S15°25'W-600 ft.

An oak, 5 ins. diam., blazed and scribed 4-2021 B.T., bears S50°E 46.6 ft.

An oak, 12 ins. diam., blazed and scribed 4-2021 B.T., bears N13°15'E-33.4 ft

Thence $N 15^{\circ} 25' E$

$N 12^{\circ} 15' E$

300 E end center monument,
Identical with the location,
which is a post in mound
of stone.

600 Cor. $N 05$,
Identical with cor. of the location,
which is a pine post in mound
of stone.

Reset pine post 4×6 ins., $3\frac{1}{2}$ ft
long, set 18 ins. in the ground
with mound of stone, scribed
B.C - 5-2021, whence
An oak, 5 ins. diam., blazed and
scribed 3-5-2021 B.T., bears
 $S 50^{\circ} E - 46.6$ ft.

An oak, 12 ins. diam., blazed and
scribed 3-5-2021 B.T., bears
 $N 13^{\circ} 15' E - 33.4$ ft.

Thence $N 87^{\circ} 28' W$

160
230
613

Road to Lechill, bears $N 12^{\circ} 15' E$

Road to Lechill, bears $N 12^{\circ} 15' E$

To Cor. $N 06$,

Identical with N. Side line monument,
which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high.

A pine post 4×6 ins., $3\frac{1}{2}$ ft. long,
set 18 ins. in the ground, scribed
B.C - 6-2021, whence

An oak 12 ins. diam., blazed and
scribed 2-6-2021 B.T., bears
 $S 80^{\circ} 45' E, 52$ ft.

An oak, 14 ins. diam., blazed
and scribed 2-6-2021 B.T., bears
 $N 43^{\circ} 15' W - 37.4$ ft.

Thence $N 89^{\circ} 18' W$

$N 12^{\circ} 15' E$

100 Wash. course S. E

790 Road, bears N. E. and S. W

869 To Cor. $N 01$, the place of beginning
Bisbee lode

Beginning at Cor. $N 01$,

- Identical with the location
and Cor. 1101, Big Cave lode
of this survey. I mark post
B. -1-2021, whence
U. S. Mineral Monument 1101,
bears ~~S86°14'W~~, 3989.6 ft
Thence S89°18'E
N₉ 12° 15' E
- 869 To Cor. 1102,
Identical with the S. side line
monument, and Cor. 1106
Big Cave lode. I mark post
B. 2-2021
Thence S87°28'E
N₉ 12° 15' E
- 613 To Cor. 1103,
Identical with the location
and with Cor. 1105 of Big Cave
lode of this survey, I mark
post B. 3-2021,
Thence N15°25'E
N₉ 12° 15' E
- 300 To E. end center monument,
Identical with the location
and Cor. 1104 - Rhinor lode
of this survey.
- 600 To Cor. 1104,
Identical with the location,
which is a pine post in mound
of stone,
Reset pine post 4 x 6 ins., 3½
ft. long, set 18 ins. in the
ground, with mound of
stone, scribed B-4-2021,
whence
An oak, 20 ins. diam., blazed
and scribed 3-4-2021, bears
S22°45'W 61.3 ft.
An oak, 20 ins. diam., blazed and
scribed 3-4-2021, bears
S72°45'W - 68 ft

Thence $N87^{\circ}28'W$
 $V_4 12^{\circ}15'E$

613

To Cor. $N^{\circ}5$,
 Identical with the N. Side line
 monument of the location,
 which is a mound of stone,
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
 A pine post, 4×6 ins., $3\frac{1}{2}$ ft.
 long, set 18 ins. in the ground
 with mound of stone, scribed
 B-5-2021, whence
 An oak 8 ins. diam., blazed and
 scribed 2-5-2021 B.T., bears $S13^{\circ}E$
 7 ft.

An oak, 18 ins. diam., blazed and
 scribed 2-5-2021 B.T., bears $S66^{\circ}15'W$
 42.2 ft.

Thence $N89^{\circ}18'W$
 $V_4 12^{\circ}15'E$.

869

To Cor. $N^{\circ}6$,
 Identical with the location,
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high.
 A pine post 4×6 ins., $3\frac{1}{2}$ ft
 long, set 18 ins. in the ground
 with mound of stone, scribed
 B-6-2021, whence

An oak, 12 ins. diam., blazed
 and scribed 1-6-2021 B.T.,
 bears $S33^{\circ}30'W - 105.8$ ft

An oak, 5 ins., diam., blazed
 and scribed, 1-6-2021 B.T., bears
 $N81^{\circ}W, 6.6$ ft.

Thence $S15^{\circ}25'W$
 $V_4 12^{\circ}15'E$

80

154
 285
 300

Duquesne gulch, course S.E.
 Road to Lechiel, bears E. and W.
 by ad. bears $N.W. \text{ and } S.E.$
 W. end center monument,
 Identical with the location,
 which is a pine post in mound
 of stone

400 gulch, course S. E
 600 To Cor. No 1, the place of beginning
 Bronco lode

Beginning at Cor. No 1,
 Identical with the location,
 and with Cor. No 6 of the
 Bisbee lode of this survey.
 I mark post B-1-2021, whence
 U. S. Mineral Monument No 1
 bears $S 86^{\circ} 35' W$ 4142.6 ft.

Thence $S 90^{\circ} 18' E$

$\frac{1}{4}$ $13^{\circ} 15' E$

869 To Cor. No 2.

Identical with the S. Side Line
 Monument, and Cor. No 5 of
 the Bisbee lode, of this
 survey, I mark post B-2-2021

Thence $S 87^{\circ} 28' E$

$\frac{1}{4}$ $12^{\circ} 15' E$

613 To Cor. No 3,

Identical with the location,
 and Cor. No 4, Bisbee lode
 of this survey. I mark post B. 3-2021

Thence $N 15^{\circ} 25' E$

$\frac{1}{4}$ $12^{\circ} 15' E$

300 To E. end center monument
 Identical with the location,
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

500 gulch, course E

600 To Cor. No 4

Identical with the location
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high,
 A granite stone, $24 \times 4\frac{1}{2} \times 6$ ins.

12 ins. in the ground, with
 mound of stone, chiseled
 4-2021, whence

An oak, 30 ins. diam., blazed and
 scribed 4-2021 B.T., bears
 $N 32^{\circ} 45' W$ - 52 ft

An oak, 24 ins. diam., blazed and

scribed 4-2021 B.T., bears
 $N62^{\circ}W - 44$ ft.

Thence $N88^{\circ}32'30''W$

$N912^{\circ}15'E$

100 Gulch, course $S80^{\circ}E$

750

N. side line monument
 Identical with the location,
 which is a mound of stone,
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

1481.8

To Cor. No. 5,
 Identical with the location,
 which is a mound of stone,
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
 A granite stone $24 \times 18 \times 8$ ins., set
 12 ins. in the ground, with
 mound of stone, chiseled
 5-2021, whence

An oak 8 ins. diam., blazed
 and scribed 5-2021 B.T., bears
 $S18^{\circ}W - 17.7$ ft.

An oak, 8 ins. diam., blazed
 and scribed 5-2021 B.T., bears
 $S69^{\circ}E - 17.5$ ft.

Thence $S150^{\circ}25'W$

$N912^{\circ}25'E$

300

W. end center monument
 Identical with the location,
 which is a mound of stone,
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

600

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

Opfer Belt

Beginning at Cor. No. 1

Identical with the location
 and with Cor. No. 4, Big Crop, side of the survey,
 which is a mound of stone,
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post 4 ins. square, $3\frac{1}{2}$ ft.
 long, set 18 ins. in the ground
 with mound of stone, scribed
 C.B. - 1 - 2021, whence

U. S. Mineral Monument No. 1
 bears $N. 83^{\circ}51'W - 3365.0$ ft.

An oak, 12 ins. diam., blazed and scribed 1-4-2021 B.T., bears $N58^{\circ}E$, 15 ft.

An oak, 6 ins. diam., blazed and scribed 1-4-2021 B.T., bears $S22^{\circ}30'E$, 4.5 ft.

Thence $S9^{\circ}15'W$

$N4$ $12^{\circ}15'E$

168 Ridge, bears N.E. and S.W.
278 Gulch, course N.E.
488.3 To Cor. No 2,

Identical with the W. Side line center monument of the location which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high. A granite stone, $24 \times 12 \times 10$ ins. 12 ins. in the ground, with mound of stone, chiseled 2-2021, whence

An oak, 10 ins. diam., blazed and scribed 2-2-2021 B.T., bears $S42^{\circ}45'W$ - 23.3 ft.

An oak, 6 ins. diam., blazed and scribed 2-2-2021 B.T., bears $N41^{\circ}15'W$, 10 ft.

Thence $S9^{\circ}47'E$

$N4$ $12^{\circ}15'E$

152 Road, bears N.E. and S.W.
276 Ridge, bears N.E. and S.W.
437 Gulch, course N.E.
847 Ridge, bears N.E. and S.W.
1002.1 To Cor. No 3,

Identical with the location which is a post in mound of stone.

Reset a pine post, 4×6 ins., $3\frac{1}{2}$ ft. long, set 18 ins. in the ground, with mound of stone, scribed C.B.-3-2021, whence

An oak, 8 ins. diam., blazed and scribed 3-3-2021, bears $S34^{\circ}30'E$, 67.7 ft.

A cross (X) and B.R. 3-3-2021 chiseled on a sandstone, showing

2 x 2 x 2 ft. above ground, bears
 $N 27^{\circ} 30' E$, 29.7 ft.

Thence $S 72^{\circ} 27' E$

$N 9 12^{\circ} 15' E$

300 S. end center monument
 Identical with the location
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

600 To Cor. 1104,

Identical with the location,
 which is a post in mound
 of stone

Reset pine post 4 x 6 ins., $3\frac{1}{2}$
 ft. long, set 18 ins. in the
 ground with mound of
 stone, scribed C.B. - 4 - 2021,
 whence

An oak, 7 ins. diam., blazed
 and scribed, 4 - 2021 B.F.,
 bears $N 26^{\circ} W$ - 28.9 ft.

An oak, 6 ins. diam., blazed
 and scribed, 4 - 2021 B.F.
 bears $S 25^{\circ} E$ - 37 ft.

Thence $N 9^{\circ} 57' W$

$N 9 12^{\circ} 30' E$

1088 gulch, course N. E.

1118.5 To Cor. 1105,

Identical, with the E. side
 line monument of the location
 and Cor. 1102, Big Cave lode
 of this survey. I mark
 post C.B. - 5 - 2021

Thence $N 15^{\circ} 25' E$

$N 9 12^{\circ} 30' E$

381.5 To Cor. 1106,

Identical with the location
 and gulch, cor. no. 5, Big Cave lode of this survey,
 which is a post in mound
 of stone.

A sandstone, 24 x 24 x 10 ins.,
 set 12 ins. in the ground with
 mound of stone, chiseled
 6 - 2021, whence

An oak, 12 ins. diam., scribed and blazed 5-6-2021 B.T., bears $N11^{\circ}E$, 6.5 ft.

A cross (X) and B. R. 5-6-2021, chiseled on a granite boulder, showing $2\frac{1}{2} \times 2$ ft by 18 ins above the ground, bears $N82^{\circ}15'W$ - 40 ft

Thence $N72^{\circ}27'W$

$N4$ $12^{\circ}15'E$

300 North end center monument, identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft high

600 To Cor. No 1, the place of beginning

Big Chop lode
Beginning at Cor. No 1, identical with the location, which is a post in mound of stone.

Reset pine post 4×4 ins. square, $3\frac{1}{2}$ ft. long, set 8 ins. in the ground with mound of stone, ^{scribed 8-1-2021}

U.S.M. No. 6 - base $S74^{\circ}20'W$, 3939.5 ft. 1
An oak 7 ins. diam., blazed and scribed 1-1-2021 B.T., bears $S15^{\circ}30'E$ 69.6 ft.

An oak, 12 ins. diam., blazed and scribed 1-1-2021 B.T., bears $N35^{\circ}15'E$ 49 ft.

Thence $S18^{\circ}10'W$

$N4$ $12^{\circ}30'E$

309 To Cor. No 2

A granite stone, $24 \times 12 \times 10$ ins., set 12 ins. in the ground with mound of stone, chiseled 2-2021, whence

An oak, 4 ins. diam., blazed and scribed 2-2-2021 B.T. bears $N24^{\circ}E$ 16 ft

An oak, 7 ins. diam., blazed

and scribed 2-2-2 2021, bears
 $N69^{\circ}30'W$, 11 ft.

Thence $S21^{\circ}21'W$

$Na 12^{\circ}30'E$

116 Duquesne gulch, course S. E
 340 Road to Lochiel, bears $N.W^{nd} S.E$

367 To Cor. 1103,

Identical with West side line
 monument, which is a mound
 of stone $2\frac{1}{2}$ ft base, $2\frac{1}{2}$ ft. high
 A pine post 4 ins. square, $3\frac{1}{2}$
 ft. long, set 18 ins. in the
 ground, with mound of stone,
 scribed B.C. 3-2021, whence
 An oak, 5 ins. diam., blazed
 and scribed, 3-3-2021 B.T.
 bears $S40^{\circ}30'E$, 8.6 ft.

An oak, 10 ins diam., blazed and
 scribed, 3-3-2021 B.T., bears
 $N61^{\circ}15'W$, 27.9 ft.

Thence $S15^{\circ}25'W$

$Na 13^{\circ}15'E$

818.5 To Cor. 1104

Identical with the location
 and with Cor. 1101 of the
 Copper Belt lode of this
 survey. I mark post B.C-4-2021

Thence $S72^{\circ}27'E$

$Na 12^{\circ}15'E$

300 S. end center monument,
 Identical with the location
 and N. end center monument
 of Copper Belt lode of this
 survey.

600 To Cor. 1105,

Identical with the location,
 and Cor. 1106, Copper Belt
 lode of this survey, I mark
 stone 5-2021

Thence $N15^{\circ}25'E$

$Na 12^{\circ}15'E$

218.5 To Cor. 1-1 ^{big oak} and ^{rusty} lode of this survey.

818.5 To Cor. 1106

Identical with the E. side
line monument, and Cor. 1106
Bisbee lode and Cor. 1101 Bronco
lode of this survey. I mark
post B.C. - 6 - 2021, whence Cor. No. 6
Bronco lode $N. 15^{\circ} 25' E. 400.4 ft.$
Thence $N 19^{\circ} 49' E$

$\frac{1}{4} 12^{\circ} 15' E$

613.5 Intersect line 4-5 Bronco lode
of this survey at a point,
from which Cor. 1105 of the
Bronco lode, bears $N 88^{\circ} 32' 30'' W$
 $48.46 ft.$

675.7 To Cor. 1107 -

Identical with the location
A pine post 4×4 ins. $19.3 \frac{1}{2}$ ft. long
set 18 ins. in the ground, with
mound of stone, scribed B.C. 7-2021,
whence

An oak, 10 ins. diam., blazed and
scribed 2-7-2021 B.T. bears
 $S 82^{\circ} 30' W 33.2 ft.$

An oak, 7 ins. diam., blazed and
scribed 2-7-2021 B.T. bears
 $N 84^{\circ} E 15.5 ft.$

Thence $N 72^{\circ} 27' W$

$\frac{1}{4} 12^{\circ} 15' E$

300 To N. end center monument,
Identical with the location,
which is a mound of stone $2 \frac{1}{2}$ ft
base, $2 \frac{1}{2}$ ft. high

599 To Cor. 1101, the place of
beginning

Big Crofs 1102
Beginning at Cor. 1101,
Identical with the location
and Cor. 1101 Big Crofs lode
of this survey, I mark
post B.C. - 2 - 1 - 2021, whence
U. S. Minerals Monument 1101,
bears $N 74^{\circ} 20' W 39.39.5 ft.$

Thence $S 72^{\circ} 27' E$

$\frac{1}{4} 12^{\circ} 15' E$

- 299 To S. end center monument,
Identical with the N. end
center monument of Big Crofs
lode of this survey
- 599 To Cor. 1102,
Identical with the location
and Cor. 1107, Big Crofs lode
of this survey, I mark post
B.C. 2-2-2021
Thence $N18^{\circ}10'E$
 $N912^{\circ}15'E$
- 180 Gulch, course S. E.
- 640 Gulch, course S. E.
- 1170 To Cor. 1103,
Identical with the West side
line monument, which is
a mound of stone $2\frac{1}{2}$ ft. base,
 $2\frac{1}{2}$ ft. high.
A pine post, 4×4 ins., $3\frac{1}{2}$ ft
long, set 18 ins. in the ground
with mound of stone, scribed
B.C. 2-3-2021, whence
An oak, 18 ins. diam., blazed and
scribed, bears $N34^{\circ}30'W$ - 7.7 ft
An oak, 12 ins. diam., blazed and
scribed, bears $S33^{\circ}15'E$ 5 ft.
Thence $N17^{\circ}5'E$
 $N912^{\circ}15'E$
- 299.8 To Cor. 1104,
Identical with the location,
which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft high,
A pine post 4 ins. sq., $3\frac{1}{2}$ ft.
long, set 18 ins. in the ground
with mound of stone, scribed
B.C. 2-4-2021, whence
An oak, 8 ins. diam., blazed and
scribed 4-2021 B.T., bears $N25^{\circ}W$ - 4.5 ft
An oak, 24 ins. diam., blazed and scribed
4-2021 B.T., bears $N18^{\circ}W$ - 106 ft
Thence $N72^{\circ}27'W$
 $N912^{\circ}15'E$
- 18 -

265 Washington wash, course N. E.

300 N. end center monument

Identical with the location, which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

350 Washington wash, course S. E.

599 To Cor. 1105,

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post 4 ins. square, $3\frac{1}{2}$ ft. long, set 18 ins. in the ground with mound of stone, scribed B. C. 2 - 5 - 2021, whence

An oak, 8 ins. diam., blazed and scribed 5 - 2021 B. T., bears $N11^{\circ}W$, 26.2 ft.

An oak, 12 ins. diam., blazed and scribed 5 - 2021 B. T., bears $S2^{\circ}30'E$ 44.5 ft.

Thence $S17^{\circ}5'W$
 $\frac{1}{4} 12^{\circ}15'E$

299.8 To Cor. 1106,

Identical with the N. side line monument which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

Thence $S18^{\circ}10'W$

370

905

1170

Ridge, near $\frac{1}{4} 12^{\circ}15'E$ N. E. and S. W. Gulch, course S. E.

To Cor. 1101, the place of beginning.

Jumbo lode

Beginning at Cor. 1101

Identical with the location, which is an oak post 5 ins. sq. firmly set in the ground and surrounded by a mound of stone scribed B. N°II and I. N°III, mark post J. 1 - 2021, whence

N. of Mineral Monument 1101, bears

~~S~~ $S71^{\circ}17'E$ 3352.4 ft 19 -

An oak, 10 ins. diam., blazed and scribed 1-1-2021 B.T. bears $N40^{\circ}W - 40ft$

An oak, 5 ins. diam., blazed and scribed 1-1-2021 B.T., bears $S63^{\circ}45'W - 18.5 ft$

Thence $S59^{\circ}40'E$

$\frac{1}{4} 12^{\circ}15'E$

100
302.25

Duquesne gulch, course S. E.
To S. end center monument.
Identical with the location,
which is a pine post in mound
of stone

315
604.5

Road to Lochiel, bears N. W and S. E.
To Cor. 1102,

Identical with the location
and Cor. 1102, Big Crofs lode of
this survey, I mark stone 2-2021

Thence $N15^{\circ}10'E$

$\frac{1}{4} 12^{\circ}15'E$

309
574
59
1479

Cor. 1101 of Big Crofs lode of this survey
Gulch, course S. E.

To Cor. 1103

Identical with the location, and
Cor. 1106, Big Crofs lode, 1102 of
this survey. I mark post
J. J- 2021

Thence $N59^{\circ}40'W$

$\frac{1}{4} 12^{\circ}15'E$

182
302.25

Gulch, course N. E.
To N. end center monument.
Identical with the location which
is a mound of stone, $2\frac{1}{2} ft$
base, $2\frac{1}{2} ft$ high.

604.5

To Cor. 1104

Identical with the location
and Cor. 1104 Bonanza lode
Surv. 110855, which is an oak
post 6 ins. sq., firmly set in
the ground, surrounded by
a mound of stone, scribed
B. N^o III, I mark same post
J- 2021, whence

An oak, 6 ins. diam., blazed and

scribed 4-2021 B.F., bears
S5°W, 28.7 ft
An oak, 10 ins. diam., blazed and
scribed 4-2021 B.F., bears
S83°E 27.7 ft.

Thence S18°10'W
1/4 12°15'E

500
1120
1430
1479

Road to Luchiel, bears N.W. 1/4 E
Road, bears E. and W. E.
To Cor. No. 1, the place of
beginning.

Keystone lode
Beginning at Cor. No. 1,
Identical with the location
and Cor. No. II Illinois lode, Sur. No. 856
and Cor. No. II Bonanza lode, Sur. No.
855, and Cor. No. 1, Lumber lode of
this survey. I mark same post
K-1-2021, whence

N. S. Mineral Monument No. 1,
bears S 11°17' W 3352.4 ft

Thence S59°40'E
1/4 12°15'E

352.25 To N. end center monument
Identical with the location,
and S. end center monument
of the Lumber lode, of this
survey.

604.5 To Cor. No. 2,
Identical with the location
and cor. No. 1 Big Crop lode
and cor. No. 2 Lumber lode
of this survey. I mark
stone 2-2021.

Thence S21°21'E
1/4 12°15'E

367 To Cor. No. 3,
Identical with Cor. No. 3, Big
Crop lode of this survey.
I mark post K-3-2021,
whence

Cor. of the location wh. n. l. i.

a mound of stone $2\frac{1}{2}$ ft base, $2\frac{1}{2}$ ft high, bears $S 21^{\circ} 21' W$ 820 ft.

Thence $N 59^{\circ} 40' W$

¹⁰⁰ gulch, course $N. E.$ $N 12^{\circ} 15' E$
30.225 Cor. 1102 Estelle + Louise lode, Sw.
110894, and S.E.C. of location

604.5 To Cor. 1104,

Identical with Cor. 110II, Illinois lode Sw. 110856 which is an oak post 6 ins. square, firmly set in the ground, surrounded by a mound of stone, scribed I. N° II, I mark same post K-4-2021, whence

Cor. of location which is a mound of stone 3 ft base 2 ft. high, bears $S 21^{\circ} 21' W$ 820 ft.

Thence $N 21^{\circ} 21' E$

$N 12^{\circ} 15' E$

260 road, bears $N. W.$ and $S. E.$

367 To Cor. 1101, the place of beginning East Chance lode

~~$N 12^{\circ} 15' E$~~

Beginning at Cor. 1101, A pine post 4×6 ins., $3\frac{1}{2}$ ft set 18 ins. in the ground, with mound of stone, scribed L.C-1-2021, whence

U. S. Mineral Monument 1101, bears $N 78^{\circ} 48' W$ 2798.7 ft.

Manzanita 6 ins. diam., blazed and scribed 1-2-2021 B.T., bears $N 13^{\circ} E$ 33.5 ft

Across (X) and B.R. 1-2-2021, chiseled on a granite boulder 2×2 ft., 18 ins. above surface, bears $S 38^{\circ} W$ 8.5 ft.

Location cor., which is a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. bears $N 60^{\circ} 9' W$ 34 ft.

Thence $S60^{\circ}9'E$

$\frac{1}{4} 12^{\circ}15'E$

267 S. end center monument, ^{Cor. 1104} Estella Louise
300.75 ^{Loc. Sur. No 894}
568.5 ^{Print for N.E.C. No. monument of location.}
To Cor. No 3, Estella Louise loc.,
Sur. No 894

601.5 To Cor. No 2,
Identical with cor. No 2, Copper
Belt loc. of this survey,
I mark stone 2-2021 and
identical with location.

Thence $S90^{\circ}47'E$

$\frac{1}{4} 12^{\circ}15'E$

1002.1 To Cor. No 3,
Identical with the location,
and Cor. No 3 of the Copper Belt
loc. of this survey, I mark
post L.C. - 3 - 2021

Thence $N60^{\circ}9'W$

$\frac{1}{4} 12^{\circ}15'E$

209 Road, bears N.E. and S.W.
302 S. end center monument,
Identical with the location,
which is a post in mound
of stone

604.5 To Cor. No 4,
Identical with the location,
which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft high,
A pine post 4×6 ins., $3\frac{1}{2}$ ft
long, set 18 ins. in the ground
with mound of stone, scribed
L.C - 4 - 2021, whence
An oak, 6 ins. diam., blazed and
scribed 4-2021 B.T., bears $N70^{\circ}15'W$
 72.5 ft.
An oak, 8 ins. diam., blazed and
scribed 4-2021 B.T., bears
 $N43^{\circ}W - 27$ ft.

Thence $N9^{\circ}39'W$

$\frac{1}{4} 12^{\circ}15'E$

60 Road, bears N.E. and S.W.
200 Road, bears N.W. and S.E.
470 Gulch, course E.



1000.2 To Cor. No 1, the place of beginning
Chris. Excers lode

Beginning at Cor. No 1,
Identical with the location
and Cor. No 5 of the Estelle +
Louise lode, Sur. No 894,
which is an oak post 4 ins.
square, firmly set in the
ground surrounded by a
mound of stone, scribed
E - No V. I mark same post
C.E. - 1 - 2021, whence

N. S. Mineral Monument No 1
bears ~~N 79° 2' W~~ ^{N 79° 2' W}, 2766.2 ft

An oak, 5 ins. diam., blazed and
scribed 1-2021 B.T., bears N 64° W
17.9 ft.

An oak, 5 ins. diam., blazed and
scribed 1-2021 B.T., bears
N 75° 45' E. 9.6 ft.

Thence S 60° 09' E
79 12° 15' E

34. To Cor. No 2,

Identical with Cor. No 1.
Last Chance lode, of this survey
and cor. of the location. I mark
post C.E. - 2 - 2021

Thence S 90° 39' E
79 12° 15' E

1000.2 To Cor. No 3,

Identical with Cor. No 4
Last Chance lode, of this survey
I mark post C.E. - 3 - 2021,

Thence S 30° 43' W
79 12° 15' E

369.8

To Cor. No 4,

Identical with the location,
which is a mound of stone
2 1/2 ft. base, 2 1/2 ft. high
A pine post 4 ins. square, 3 1/2 ft
long, set 18 ins. in the ground
with mound of stone

scribed C.E. - 4 - 2021, whence
 A cross (X) and B.R. 4-2021 chiseled
 on a granite boulder, showing
 $8 \times 7 \times 6$ ft above the ground bears
 $S 14^{\circ} W - 10.3$ ft

A cross (X) and B.R. 4-2021
 chiseled on a granite boulder,
 showing $3 \times 2 \times 2$ ft. above the
 ground bears $N 36^{\circ} 30' W - 20.6$ ft

Thence $N 60^{\circ} 9' W$

150 Road, bears $N 12^{\circ} 15' E$
 650. To Cor. No 5,

Identical with the location
 which is a mound of stone
 3 ft. base, $2\frac{1}{2}$ ft high

A pine post, 1 ins. sq., $3\frac{1}{2}$ ft
 long, set 18 ins. in the ground
 with mound of stone, scribed
 C.E. - 5 - 2021, whence

A cross (X) and B.R. 5-2021,
 chiseled on a granite stone
 showing $2 \times 2 \times 1$ ft above the
 ground, bears $S 77^{\circ} 10' E - 112.2$ ft

A cross (X) and B.R. 5-2021
 chiseled on a granite stone
 showing $3 \times 2 \times 2$ ft above the
 ground, bears $S 81^{\circ} 50' E - 128.2$ ft

Thence $N 14^{\circ} 11' E$

300 Road bears $N 12^{\circ} 35' E$
 621.1 To Cor. No 6,

Identical with the location
 and Cor. No 4 Great Republic
 lode, Sur. No 899, which is
 an oak post 5 ins. sq., set
 firmly in the ground, and
 surrounded by a mound of
 stone, scribed G.R. No 11. β
 mark same post C.E. - 6 - 2021,
 whence

A cross (X) and B.R. 4-2021,
 chiseled on a porphyry stone
 showing $4 \times 3 \times 2$ ft above the ground.

bears $S 42^{\circ} 30' E - 27.7$ ft
 A cross (X) and B.R. 6-2021, chiseled
 on a porphyry stone, showing
 $4 \times 3 \times 2$ ft above the ground, bears
 $N 33^{\circ} W - 34.7$ ft

Thence $N 28^{\circ} 8' E$

$\frac{1}{4} 12^{\circ} 30' E$

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

Center lode

Beginning at Cor. No. 1,
 Identical with the location,
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high.

A pine post 4×6 ins., $3\frac{1}{2}$ ft
 long, set 18 ins. in the ground,
 with mound of stone, scribed

C. 1-2021, whence

N. S. Mineral Monument No. 1
 bears ~~$S 69^{\circ} 45' E$~~ 2075.7 ft

An oak, 5 ins. diam., blazed and
 scribed, 1-2021 B.T., bears $S 38^{\circ} E$
 47.8 ft.

An oak, 6 ins. diam., blazed and
 scribed, 1-2021 B.T., bears $S 75^{\circ} 30' E$
 28.8 ft.

Thence $S 64^{\circ} 26' E$

$\frac{1}{4} 12^{\circ} 30' E$

293.4 N. end center monument,
 Identical with the location,
 which is a mound of stone
 $2\frac{1}{2}$ ft. base $2\frac{1}{2}$ ft. high

587.5 To Cor. No. 2,
 Identical with the location
 and Cor. No. 4 - Great Republic
 lode, Sur. No. 899 and Cor. No. 6
 of the Chris Excels lode of
 this survey. I mark post
 C. 2-2021,

Thence $S 14^{\circ} 11' W$

$\frac{1}{4} 12^{\circ} 15' E$

621.1 Cor. No. 5 - Chris Excels lode of this survey

long, set 18 ins. in the ground
with mound of stone, scribed
C-5-2021, whence

An oak, 14 ins. diam., blazed and
scribed 4-5-2021 B. T., bears
S 14° E, 21 ft.

An oak 10 ins. diam., blazed and
scribed 4-5-2021 B. T., bears
N 31° 45' E 66.6 ft.

Thence N 3° 18' W

N 9 12° 30' E

300 Gulch, course S. E

550 Old road, bears N. E. and S. W

660 Gulch, course S. E

700 To Cor. No 6

Identical with the W. side line
monument of the location
which is a mound of stone
2½ ft. base, 2½ ft. high

A pine post 4 ins. sq., 3½ ft
long, set 18 ins. in the ground
with mound of stone, scribed
C-6-2021, whence

A cross (X) and B. R. - 6-2021,
chiseled on a granite boulder
3 x 2 x 2 ft above ground,
bears S 46° 30' E, 28 ft

A cross (X) and B. R. - 6-2021,
chiseled on a granite boulder
2 x 2 x 2 ft above ground,
bears N 79° 45' W - 22.3 ft

Thence N 14° 33' E

N 9 12° 30' E

659.1 To Cor. No 1

the place of beginning
Wedge lode

Beginning at Cor. No 1,
Identical with the location,
which is a pine post in
mound of stone.

Reset pine post 4 ins. square,
3½ ft long, 18 ins. in the ground

659.9 To Cor. 1103,
 Identical with the E. sideline
 monument, which is a
 post in mound of stone
 Rese pine post, 4 ins. sq.,
 3½ ft long, set 18 ins. in the
 ground, with mound of stone,
 scribed C-3-2021, whence
 An oak, 5 ins. diam., blazed and
 scribed 3-2021, bears S64°30'W 44.8 ft
 An oak, 7 ins. diam., blazed and
 scribed 3-2021, bears N58°30'W 27.4 ft
 Thence S 30° 18' E
 Va 12° 15' E

700 To Cor. 1104
 Identical with the location,
 which is a mound of stone
 3 ft base, 2½ ft high
 A pine post 4 ins. sq., 3½
 ft long, set 18 ins. in the
 ground with mound of stone,
 scribed C-4-2021, whence
 A cross (X) and B. R. 4-2021,
 chiseled on a granite boulder
 3 x 3 x 2 ft above the ground,
 bears N 40° 30' W - 14 ft.
 A cross (X) and B. R. 4-2021,
 chiseled on a granite boulder
 2½ x 2½ x 2½ ft above the ground,
 bears N 67° 45' E 14.8 ft.
 Thence N 64° 26' W
 Va 12° 30' E

294.1 S. end center monument
 Identical with the location,
 which is a mound of stone
 2½ ft. base, 2½ ft high

392 Gulch, course S. E.

591.8 To Cor. 1105
 Identical with the location
 which is a mound of stone 2½ ft
 base, 2½ ft high
 A pine post 4 x 6 ins., 3½ ft.

with mound of stone, scribed
W-1-2021, whence

N. S. Mineral Monument No 1
bears ~~N 66° 19' W~~ 1509.5 ft

An oak, 6 ins. diam., blazed and
scribed, 1-1-2021 B.T., bears
N 87° 15' W - 45.6 ft.

An oak, 5 ins. diam., blazed and
scribed 1-1-2021 B.T., bears
N 23° 45' W, 38.8 ft.

Thence S 78° 5' E
1/4 12° 30' E

275.7 Intersect line 1-2 California
lode, Survey No 1403 at a
point N 15° 2' W 78.8 ft. of Cor.
No 1. and at this point is
the N. end center monument
identical with the location
which is a mound of stone
2 1/2 ft. base, 2 1/2 ft high

548.3 Intersect line 1-4 - California
lode, Survey No 1403 at a
point N 85° 11' E 253.9 ft. from
Cor. No 1

575.7 To Cor. No 2,
Identical with the location
which is a mound of stone 2 1/2 ft base
2 1/2 ft high
A pine post 4x6 ins. 3 1/2 ft long, set 18 ins.
in the ground with mound of stone, scribed
W-2-2021, whence blazed and scribed 2-2021 B.T., bears N 87° 15' W 45.6 ft
An oak, 6 ins. diam., blazed and scribed 2-2021 B.T., bears N 23° 45' W - 38.8 ft
An oak, 5 ins. diam., blazed and scribed 2-2021 B.T., bears N 87° 15' W - 45.6 ft
whence Cor. No 1, Center lode, Gr. S. N 23° 45' E 38.8 ft
Thence S 14° 33' W

Course +
Cor No 1
should be

1/4 12° 30' E

652.3 To Cor. No 3,
Identical with the E. side
line monument and Cor. No 6
Center lode of this survey.
I mark post W-3-2021

Thence S 3° 18' E

1/4 12° 30' E

700 To Cor. No 4,
Identical with the location
and Cor. No 5, Center lode
of this survey.

I mark post W-4-2021
 Thence $N78^{\circ}5'W$
 $24^{\circ}12'15'E$

300 S. S. line monument, identical with the location, which is a mound of stone 3 ft. base, $2\frac{1}{2}$ ft high

600 To Cor. No 5

Identical with the location, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post 4 x 6 ins, $3\frac{1}{2}$ ft. long set 18 ins. in the ground with mound of stone, scribed W-5-2021, whence

An oak, 8 ins. diam., blazed and scribed 5-2021 B.T., bears $N53^{\circ}15'E$ 138 ft

An oak 8 ins. diam., blazed and scribed $S22^{\circ}30'W$ 74.5 ft

Thence $N30^{\circ}25'W$

$N9^{\circ}12'15'E$

171.1 Intersect line 3-4 - Belmont lode Lot No 38A at a point from which Cor. No 4, bears $N54^{\circ}40'E$ 9.5 ft.

188.69 Intersect line 1-4 - Belmont lode Lot No 38 A at a point from which Cor. No 4, bears $S35^{\circ}20'E$ 14.93 ft.

191.06 Intersect line 3-4 Silver Bill lode Lot No 41, at a point from which Cor. No 3 bears $S73^{\circ}42'E$ 14.48 ft

638.2 To Cor. No 6

Identical with the W. side line monument, which is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high

A pine post 4 ins. square, $3\frac{1}{2}$ ft. long, set 18 ins. in the ground with mound of stone, scribed W-6-2021, whence

An oak, 6 ins. diam., blazed and scribed 6-2021 B.T., bears $S3^{\circ}30'E$ 23.6 ft.

An oak, 6 ins. diam., blazed and scribed 6-2021 B.T., bears $N38^{\circ}30'E$ 12 ft

Thence $N15^{\circ}41' E$

$\frac{1}{4} 12^{\circ}30' E$

26. Cor. No 1 - Empire lode, Lot No 40A.
 152.8 Intersect line 1-2 - Silver Bill
 Lot No 41, at a point from which
 Cor. No 2 bears $S 73^{\circ}42' E$ 267.2 ft.
 from which point cor. no. 3 Silver Bill, bears $S 26^{\circ}03' W$ 582.1 ft.
 223 Gulch, course $S. E$
 500 Gulch, course $S. E$
 712.7 To Cor. No 1, the place of beginning
 Mansanita lode.

Beginning at Cor. No 1,
 Identical with the location,
 and Cor. No 1 - Wedge lode of
 this survey, I mark post
 M-1-2021, whence
 N. S. Mineral monument No 1,
 bears $N 66^{\circ}19' E$ 1509.5 ft.

Thence $S 78^{\circ}05' E$

$\frac{1}{4} 12^{\circ}30' E$

- 137.8 To S. end center monument
 which is a mound of stone
 $2\frac{1}{2}$ ft base, $2\frac{1}{2}$ ft high

- 275.7 To Cor. No 2
 Identical with the location,
 which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft high
 A granite stone $24 \times 8 \times 8$ ins.,
 set 12 ins in the ground with
 mound of stone, chiseled
 2-2021, whence
 An oak, 10 ins. diam., blazed and
 scribed 2-2021 B. T., bears
 $N 59^{\circ}15' E$ - 9 ft.
 An oak, 10 ins. diam., blazed and
 scribed 2-2021, B. T., bears
 $S 72^{\circ} E$ 10.4 ft.

Thence $N 10^{\circ}2' W$

$\frac{1}{4} 12^{\circ}30' E$

- 270 Gulch, course $S. E$.
 350 E. side line monument,
 Identical with location, which
 is a mound of stone, $2\frac{1}{2}$ ft

base, $2\frac{1}{2}$ ft. high, bears East
108 ft.
648.1 To Cor. 1103,
A porphyry stone, $24 \times 14 \times 8$ ins.
set, 12 ins. in the ground with
mound of stone, chiseled 3-2021,
whence
An oak, 6 ins. diam., blazed and
scribed 3-2021 B.T., bears
 $S 60^{\circ} 30' E - 14$ ft.
An oak, 8 ins. diam., blazed and
scribed 3-2021 B.T., bears
 $S 74^{\circ} W - 19.2$ ft.
Location Cor., which is a mound
of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high
bears $S 78^{\circ} 5' E - 198$ ft
Thence $N 78^{\circ} 5' W$
 $N 9 12^{\circ} 30' E$

0.4 To Cor. 1104
Identical, with N. end center
monument, which is a stake
and mound alongside
An porphyry stone $24 \times 14 \times 8$ ins,
set 12 ins. in the ground, with
mound of stone, chiseled
4-2021, whence
An oak, 7 ins. diam., blazed
and scribed 4-2021 B.T., bears
 $N 47^{\circ} 45' W - 49$ ft.
An oak, 7 ins. diam., blazed and
scribed 4-2021 B.T., bears
 $N 24^{\circ} 45' E - 34.8$ ft.
is a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, bears $N 70^{\circ} 5' W - 192$ ft.
Thence $S 15^{\circ} 4' W$
 $N 9 12^{\circ} 30' E$

305 N. side line monument,
identical with the location
which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, bears
 $N - 101$ ft

602 To Cor. 1101, is the place of
beginning of the line

Silver Jack lode
 Beginning at Cor. No. 1,
 Identical with the location,
 which is a mound of stone,
 2 1/2 ft. base, 2 1/2 ft. high.
 A pine post, 4 x 6 ins., 3 1/2 ft.
 long, set 18 ins. in the ground
 with mound of stone, scribed
 S.J. - 1-2021, whence

N. S. Mineral Monument No. 1
 bears ~~N 39° 18' W~~ 2150.2 ft

An oak, 20 ins. diam., blazed and
 scribed 1-2021, bears S 77° 15' W
 50 ft.

An oak, 12 ins. diam., blazed and
 scribed 1-2021, bears N 80° W
 23 ft.

Thence S 54° 40' W
 N 12° 15' E

158.2 Cor. No. 4, Belmont lode,
 Lot No. 38 A
 167.5 intersect line 5-6, ridge side of this survey at a point from which Cor. 1105
 300 is 53° 25' E - 177.7 ft
 N. center monument,

Identical with the location,
 which is a mound of stone,
 2 1/2 ft. base, 2 1/2 ft. high.

317 Road, bears N. W. and S. E.
 600 To Cor. No. 2,

Identical with the location,
 which is a mound of stone,
 2 1/2 ft. base, 2 1/2 ft. high.
 A pine post 4 x 6 ins., 3 1/2 ft.
 long, set 18 ins. in the ground
 with mound of stone, scribed
 S.J. - 2-2021
 whence

An oak, 8 ins. diam., blazed
 and scribed 2-2021 B.T.,
 bears N 63° 30' E 72.5 ft

An oak, 8 ins. diam., blazed
 and scribed 2-2021 B.T.,
 bears S 62° 45' W - 67 ft.

Thence S 35° 20' E
 N 12° 30' E

- 640 Wash, course S. E.
- 750 W. side line monument,
Identical with the location
which is a mound of stone
2½ ft. base, 2½ ft. high
- 1450 Old road, bears N. E. and S. W.
- 1500 To Cor. 1103,
Identical with the location, which
is a mound of stone 2½ ft base
2½ ft high
A pine post, 4 x 6 ins., 3½ ft
long, set 18 ins. in the ground
with mound of stone, scribed
S. J. - 3 - 2021, whence
A cross (X) and B. R. - 3 - 2021,
chiseled on a granite boulder
2½ x 2½ x 2 ft above the ground,
bears N 54° 45' E 6.3 ft
A cross (X) and B. R. - 3 - 2021
chiseled on a granite boulder
2 x 2 ft x 6 ins. above the ground,
bears S 7° 15' W - 9.2 ft
Thence N 54° 40' E
N 9 12° 15' E
- 300 To S. end center monument
Identical with the location
which is a mound of stone
2½ ft. base, 2½ ft. high
- 340 Old road, bears N. E. and S. W.
- 600 To Cor. 1104
Identical with the location
which is a mound of stone
3½ ft base, 2½ ft. high
A pine post 4 x 6 ins., 3½ ft.
long, set 18 ins. in the ground
with mound of stone, scribed
S. J. - 4 - 2021, whence
A cross (X) and B. R. 4 - 2021
chiseled on a granite boulder
2½ x 2 x 2 ft. above the ground,
bears N 3° 45' E - 14.2 ft

A cross (x) and B. R. 4-2021
 chiseled on a granite boulder
 2 x 1 1/2 x 1 ft. above the ground,
 bears N 47° 20' E - 22.8 ft.
 Thence N 35° 40' W
 N 12° 30' E

- 164 Old road, bears N. E. and S. W
- 220 Gulch, course S. E
- 750 E. side line monument
 Identical with the location
 which is a mound of stone
 2 1/2 ft. base, 2 1/2 ft high
- 1075.9 Intersect line 4-5 Wedge
 lode of this survey, at a point
 S 78° 5' E 379.9 from Cor. No 5
- 1400 Old road, bears E. and W.
- 1500 Cor. No 1, the place of beginning

— Area —

Success	19.584 ✓
Pittsburgh	19.584 ✓
Rhino	19.584 ✓
Big Cave	19.473 ✓
Bisbee	19.808 ✓
Bronco	19.612 ✓
Copper Belt	18.650 ✓
Big Crof	20.485 ✓
Less area in conflict with Bronco lode	.324 ✓
Net area of Big Crof	20.161 ✓
Big Crof No 2	20.210 ✓
Jumbo	20.063 ✓
Keystone	5.030 ✓
Last Chance	10.683 ✓
Chris. Excers	10.511 ✓
Center	17.085 ✓
Wedge	17.958 ✓
Less area in conflict with California lode.	
Sur. No 1403	0.229 ✓
Less area in conflict with Belmont lode. Lot No 38 A. 0.002 ✓	
Less area in conflict	

with Silver Bill lode

Lot No 41

2.103 ✓

Total area in conflict

2.334 ✓

Net area of Wedge

15.624 ✓

Manzanita

1.905 ✓

Silver Jack

20.661 ✓

Less conflict with Wedge lode

1.535

Total and net area of claim

249.725 Acres.

Location

276.693

This claim is located in
T 24 S. R. 16 E (unsurveyed)
Patagonia Mining District
Santa Cruz Co. Arizona

Adjoining claims

The Rhino, Pittsburgh and Success
lodes are bounded on the North
by the Turaspike lode unsurveyed.

The Jumbo lode is bounded on
the West by the Bonanza
lode Sur. No 855. The Keystone
lode is bounded on the West

by the Illinois lode, Sur. No 856
and on the South by the

Estell + Louise lode Sur. No 894

The Last Chance lode is bounded
on the North by the Estella Louise
lode, Sur. No 894

The Center lode is bounded
on the North by the Great Republic
lode Sur. No 899

The Wedge lode is bounded
on the North by the California
lode, Sur. No 1403 and on the

West by the Empire lode Lot
No 40 A and the Silver Bill
lode Lot No 41. The Silver

Jack lode, is bounded on
the North by the Belmont
Lot. No 38A.

Course of Veins

The course of veins of the Rhino,
Pittsburgh and Success lodes is

from their respective S. end center monuments ^{N 15° 25' E. 1500 ft.} to their respective N. end center monument.

The presumed course of veins of the Big Cave, Bisbee and Bronco Lodes is from their respective E. end center monuments N 87° 28' W 613 ft thence N 89° 18' W 869 ft to their respective W. end center monuments.

The presumed course of vein of the Copper Belt lode is from the S. end center monument N 9° 57' W 1118.5 ft. thence N 15° 25' E 381.5 ft. to the N. end center monument.

The presumed course of vein of Big Crofs lode is from the S. end center monument N 15° 25' E 818.5 ft, thence N 19° 49' E 675.7 ft to the N. end center monument.

The presumed course of vein of Big Crofs lode No 2 is from the S. end center monument N 18° 10' E. 1170 ft, thence N 17° 5' E 299.8 ft. to the N. end center monument.

The presumed course of veins of the ^{N. 180° 10' E. 1479 ft} ~~Keystone~~ ^{N. 21° 21' E. 367 ft} ~~East Chance~~ ^{N. 9° 44' W. 1006.33 ft} ~~Manzanita~~ ^{N. 20° 21' E. 610.15 ft} and Silver Jack ^{N. 35° 20' W. 1500 ft} lodes is from their respective S. end center monuments or central points

on end lines to their respective N. end center monuments or central points on N. end lines.

The presumed course of Chris Excels lode is from Cor. No 1 ^{S. 50° 10' W - 1214.5 ft}

~~S. 50° 10' W~~ The presumed course of the Center lode is from the S. end center monument N 3° 18' W 700 ft, thence N. 14° 11' E 659.9 ft to the N. end center monument.

The presumed course of the Wedge lode is ^{from the S. end center monument} $N 3^{\circ} 18' W$ 700 ft, thence $N 14^{\circ} 33' E$ 652.3 ft to the N. end center monument.

Improvements
I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors, is not less than five hundred dollars and that said improvements consist of:

Success lode:
From N. end center monument,
Discovery Cut No. 1, 4 x 6 ft, 10 ft long, bears $S 40^{\circ} W$ - 70 ft

Value \$50.00

Tunnel No. 2, 4 x 6 ft, course $102^{\circ} E$ 100 ft, bears $S 73^{\circ} 30' W$ - 310 ft

Value \$500.00

Pittsburgh lode:

From S. end center monument
Discovery Shaft No. 1, 4 x 6 ft, 10 ft deep bears $N 15^{\circ} E$, 450 ft

Value \$50.00

From Cor. No. 3

Shaft No. 2, 4 x 6 ft, 53 ft deep, bears $N 86^{\circ} W$ - 112 ft.

Value \$500.00

Rhino lode:

From Cor. No. 2:

Discovery Shaft No. 1, 4 x 6 ft, 10 ft deep, bears $N 18^{\circ} 45' W$ 668 ft

Value \$50.00

Shaft No. 2, 4 x 6 ft, 70 ft deep, bears $N 10^{\circ} E$, 450 ft

Value \$500.00

Big Cave lode:

From Cor. No. 3:

Incline Discovery Shaft No. 1, 4 x 6 ft, 25 ft deep, bears $N 23^{\circ} E$ 287 ft.

Value \$250.00

Incline Shaft No 2, 4 x 6 ft 20 ft deep, bears N 53° 30' W - 167 ft

From Cor. No 6: Value \$ 100.⁰⁰

Tunnel No 3, 4 x 6 ft, 50 ft long, course S. E., bears S 45° W - 210 ft

Value \$ 250.⁰⁰

Bisbee lode:

From Cor. No 2:

Discovery Shaft No 1: 4 x 6 ft 20 ft deep, bears N 13° 15' W - 213 ft

Value \$ 100.⁰⁰

Shaft No 2, 4 x 4 ft, 12 ft deep, bears N 72° 30' W - 245 ft

Value \$ 100.⁰⁰

Tunnel No 3, 4 x 6 ft, 40 ft long, course N., bears N 27° W, 239 ft

Value \$ 300.⁰⁰

From Cor. No 5:

Shaft No 4, 4 x 6 ft, 10 ft deep, bears S 60° W - 163 ft

Value \$ 50.⁰⁰

Bronco lode:

From Cor. No 2:

Discovery Shaft No 1, 4 x 6 ft 10 ft deep, bears N 15° E 290 ft

Value \$ 50.⁰⁰

Tunnel No 2, 4 x 6 ft, 80 ft long, course N., bears N 53° W - 455 ft.

Value \$ 500.⁰⁰

Copper Belt lode:

From Cor. No 5:

Discovery Shaft No 1, 4 x 6 ft, 20 ft deep, bears S 37° W - 392 ft

Value \$ 200.⁰⁰

Big Crofs lode:

From Cor. No 3

Discovery shaft No 1, 4 x 6 ft, 10 ft deep, bears S 72° 27' E, 300 ft

Value \$ 50.⁰⁰

From Cor. No 1

Shaft 12 x 12 ft, 12 ft deep, bears S 65° E - 15 ft.

Value \$ 100.⁰⁰

Big Crook No 2 - lode:

From Cor. No 6:

Discovery shaft No 1, 4x6 ft, 10 ft deep, bears S 72° 27' E 300 ft

From Cor. No 2:

Value \$ 100.00

Tunnel No 2, 4x6 ft, 140 ft long course S.W., bears N 45° W - 380 ft

Value \$ 700.00

Jumbo lode:

From N. end center monument

Discovery shaft No 1, 4x6 ft, 10 ft deep bears S 42° 15' W - 64 ft

Value \$ 100.00

Cut No 2, 4x6 ft 20 ft long, bears S 47° 30' W - 164 ft

Value \$ 150.00

Keystone lode:

From N. end center monument

Discovery shaft No 1, 4x6 ft, 10 ft deep, bears S 20° W - 100 ft

Value \$ 50.00

Tunnel No 2, 4x6 ft, 130 ft long, course S 86° W, bears N 75° W 200 ft

Value \$ 650.00

Last Chance lode:

From Cor. No 1

Discovery shaft No 1, 4x6 ft, 10 ft deep, bears S 30° 30' E 635 ft

Value \$ 100.00

Chris Excels lode:

From Cor. No 6:

Discovery shaft No 1, 4x6 ft, 10 ft deep, bears S 52° E 118 ft

Value \$ 100.00

Cut No 2, 4x4 ft, 75 ft long, course S 50° E, W. end of this cut, bears N 85° E 40 ft

Value \$ 500.00

Center lode

From Cor. No 2

Discovery shaft No 1, 4x6 ft 15 ft deep, bears S 69° W - 326 ft

Value \$100.00
 Shaft No. 2, 4x6 ft, 30 ft. deep,
 bears S69°W 338 ft. Value \$200.00

Wedge lode:

From Cor. No. 3:

Discovery Shaft No. 1, 4x6 ft, 35
 ft. deep, bears S84°W, 245 ft
 Value \$200.00

Tunnel No. 2, 4x6 ft, 76 ft. long,
 course S., bears N87°W, 237 ft
 Value \$500.00

Mansanita lode:

From Cor. No. 2:

Discovery Shaft No. 1, 4x6 ft, 30 ft
 deep, bears N48°W - 112 ft.
 Value \$200.00

Shaft No. 2, 4x5 ft, 12 ft. deep, bears
 N60°W - 217 ft.
 Value \$100.00

Shaft No. 3, 4x5 ft, 12 ft. deep, bears
 N57°W - 108 ft.
 Value \$100.00

Tunnel No. 4, 4x6 ft, 25 ft. long, course
 West, bears N^{13°}8°W - 270 ft
 Value \$125.00

Silver Jack lode:

From Cor. No. 2:

Discovery Shaft No. 1, 4x6 ft, 10 ft
 deep, bears S57°30'E 800 ft.
 Value \$50.00

~~Shaft No. 2, 4x6 ft, 100 ft. deep, bears
 N57°30'E, 328 ft.
 Value \$500.00~~

Main Shaft of the Duquesne
 Mining and Reduction Cor., bears
 from Cor. No. 1, Keystone lode of
 this survey, N7°30'W, 445 ft.
 This shaft is 600 ft. deep and
 is being worked for the benefit
 of the claims owned by the
 Duquesne Mining and Reduction
 42

Co.

Of this shaft 50 ft. for each of the following named lodes is credited for their respective development, viz:

Copper Belt - Big Crofs - Jumbo
Last Chance and center lodes.

Value \$2500.00

Other improvements

From Cor. No 2, Keystone lode:

N.E. cor. of adobe building 33 x 46 ft
bears $N 46^{\circ} 45' W$ - 25 ft

From N. center end monument:

N.W. cor. of adobe building $34\frac{1}{2} \times$
 $54\frac{1}{2}$ ft, bears $S 43^{\circ} 15' E$ 135 ft.

N.E. cor. of frame building 16 x 20 ft
bears $S 20^{\circ} E$ 24 ft

S.W. cor. of stable building 30 x 50 ft
bears $N 59^{\circ} E$ 98 ft

From Cor. No 3

N.W. cor. Adobe building 16 x 40 ft, bears
 $S 25^{\circ} 45' E$, 266.5 ft.

N.W. cor. Adobe building 10 x 16 ft, bears
 $N 71^{\circ} 45' E$, 112 ft.

N.W. cor. of frame building 16 x 20 ft
bears $S 47^{\circ} E$, 269.5 ft.

S.W. cor. frame building 20 x 50 ft,
bears $N 45^{\circ} E$ 164 ft

S.W. cor. frame building 20 x 50 ft
bears $N 52^{\circ} E$, 296 ft

N.W. cor. frame building 16 x 20 ft,
bears $S 56^{\circ} 30' E$ 177 ft

From Cor. No 6 - Bisbee lode:

N.W. cor. adobe building 18 x 71 ft,
bears $S 13^{\circ} 15' E$ 100 ft.

From Cor. No 1 - Bisbee lode:

S.W. cor. adobe building 16 x 20 ft,
bears $N 50^{\circ} 15' E$ 318.8 ft

From Cor. No 2 - Bisbee lode,

S.E. cor. of Cabin 10 x 16, bears $N 32^{\circ} 15' W$
35 ft.

Instrument

This survey was made with a Young and Sons Light Mountain Transit. The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with 50 ft. and 100 ft. steel tapes

Polaris Observation

At Cor. 401 - Success lode,
May 6, 1905. At 4^h 28^m l. m. t. I observed Polaris at eastern elongation and marked the line thus determined by an iron bolt 18 ins. long driven in the ground. May 6: at 9^h 15^m a. m. l. m. t., I deflected 1026' to the west and from the line thus determined I checked the lines determined by solar observation, which I find to agree within a minute
Note:

The disagreements between the courses as determined by me and those of old surveys are due to errors in the latter.

Philip Conzera
U. S. Dep. Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
 United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines
 corners and boundaries described in the foregoing field notes of the survey of the mining claim
 of Duquesne Mining and Reduction Co.
 known as the Big Crofs - Bibee - Pittsburg - Wedge - Mansinita - Last Chance - Jumbo
Big Crofs #102 - Big Cave - Success - Silver Jack - Chris Excers - Key Stone - Bunker
Rhino - Center - Copper Belt
 and showing the respective capacities in which they acted.

- W. S. Kenzla , Chairman.
- Henry W. Huggins , Chairman.
- Leon Wood , Axman.
- Leon Wood , Flagman.

FINAL OATHS OF ASSISTANTS.

We, W. S. Kenzla, Henry W. Huggins,
 and Leon Wood , do solemnly swear that we assisted Philip
Contzen , United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Duquesne Mining and
Reduction Co.

..... , known as the Big Crofs - Bibee
Pittsburg, Wedge, Mansinita, Last Chance, Jumbo, Big Crofs #102
Big Cave, Success, Silver Jack, Chris Excers, , represented
Key Stone, Bunker, Rhino, Center, Copper Belt
 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

- W. S. Kenzla , Chairman.
- Henry W. Huggins , Chairman.
- Leon Wood , Axman .
- Leon Wood , Flagman.

Subscribed and sworn to by the above-named persons before me
 this 10th day of May , 1905
W. G. Power

Notary Public
 My Commission Expires April 27th 1908

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated

May 5th 1905, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General faithfully and correctly executed the survey of the Mining Claim of

the "Duquesne Mining and Reduction Co." known as the Big Crofs - Beebe - Pittsburg - Wedge - Mananita - East Chance - Jumbo - Big Crofs No. 2 - Big Cave - Success - Silver Jack - Union Excels - Key Stone - Broner - Rinder - Center - Copper Belt situate in Patagonia Mining District,

Santa Cruz County, Arizona, in Section , Township No. 24N; Range No. 16E unsurveyed, and designated as Survey No. 2021, as represented

in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen
U. S. Deputy Mineral Surveyor, before me

this 10th
day of May 1905

H. G. Power

Notary Public
My Commission Expires April 27th 1908

Affidavit of Five Hundred Dollars Improvements.

We, Henry W. Huggins and W. S. Kengla

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Big Crook, Bisbee, Pittsburg, Wedge, Mansinita, East Chance, Jumbo, Big Crook, Big Cane, Success, Silver Jack, Chris Excels, Keystone, Broner, Rhino, Center Copper Belt mining claim, situate in Patagonia

mining district, Santa Cruz County, Arizona Territory, for which the
"Aguaque Mining and Reduction Co"

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 for each location

in said mine.

Henry W. Huggins
W. S. Kengla

TERRITORY OF ARIZONA,
COUNTY OF Pima } ss:

Sworn to and subscribed before me this 10th day

of May, 1905
W. G. Power

Notary Public

My Commission Expires April 27th 1908

[SEAL.]

BRONCO MINING CLAIM.
NOTICE OF MINING LOCATION.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the BRONCO 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 Geo. J. Troop, Jr., and J S. Tibbets, the undersigned, on the 21st day of Aug . 1897.

The length of the claim is 1500 feet and we claim 1500 in an easterly direction and ___ feet in a ___ direction from the center of the discovery shaft, together with 300 in width of the surface ground on each side of the center of said claim, at which this notice is posted), lengthwise of the claim. The general course of the lode deposit and premises is from the east to the west.

The claim is situated and located in Patagonia mining district, in Pima county, in the territory of Arizona, about 1/2 miles in an easterly direction from Bonanza, a patented mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at N W corner of Bisbee mining 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 side line of said claim; thence 750 feet to a monument of stones, being the S E corner of said claim; thence E 300 ft. to a monument at the center of the E end line of said claim; thence E 300 feet to a monument, being the N E corner of said claim; thence W 750 feet to a monument of stones, at the center of the N side of said claim; thence W 750 feet to a monument of stones being at the corner of said claim; thence S 300 feet to a monument being at the center of the W end line of said claim; thence S 300 feet

-2-

to a monument at the S W corner of said claim; thence E 750 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 20th/ 1895.

Dated and posted on the ground this 21 day of Aug. 1897.

Geo. J. Troop.

J. S. Tibbits.

Filed and recorded at request of H. D. Underwood, Nov. 25, 1897, at 9 a. m.

Chas. A. Shibell,

County Recorder.

Book FF, Record of Mines, page 634.

Re-Location Notice.

KNOW ALL MEN BY THESE PRESENTS:- That the Duquesne Mining and Reduction Company, by John F. Tener, its General Agent, of the County of Santa Cruz, Territory of Arizona, claim by right of re-location fifteen hundred feet, linear and horizontal measurement, on the Bisbee lode, along the vein thereof, with all its dips, variations and angles, together with three hundred feet in width on each side of the middle of said vein at the surface; and all veins lodes ledges and surface grounds within the lines of said claim; 730 feet running N, 89 deg. W., and 770 feet running S. 88, deg., E from said center of discovery shaft; said discovery shaft being situated upon said lode within the lines of said claim, in Patagonia Mining District, County of Santa Cruz, Territory of Arizona.

Said claim is bounded and described as follows:- Beginning at corner No. 1, being on the side line of Big Crop mining claim and identical with a side monument, thence S, 15 deg. 30 min. W., 300 feet to monument No. 2 on the side line of Big Crop mining claim, being the west end centre and marked and monumented; thence S. 15 deg. 30 min. W. 300 feet to monument No. 3 on the side line of Big Crop mining claim, being and marked S. W. corner of Bisbee; thence S. 89 deg. E. 880 feet to monument No. 4, marked S. side line Bisbee; thence S. 87 deg. 15 min. E. 620 feet to monument No. 5; marked S. E. corner of Bisbee; thence N. 15 deg. 30 min. E, 300 feet to monument No. 6, marked Bisbee East end centre; thence N. 15 deg. 30 min. W. 300 feet to monument No. 7 marked N. E. corner of Bisbee; thence N. 87 deg. 15 min. W. 620 feet to monument No. 8, marked North side line Bisbee; thence N. 89 deg W. to the initial point. Said claim lies North of the Big Cave claim and east of the Big Crop claim.

Being the same lode originally located on the 16th day of March A. D. 1897, by Christ H. Meyer, and recorded on the 11th day of May A. D. 1897, in Book F. F. Record of Mines, pages 521 and 522,

in the office of the Recorder of Pima County, Territory of Arizona. Said claim was purchased from Christ H. Meyer on the 8th day of June 1900, by the Duquesne^{Mining} and Reduction Company, by its General Agent J. F. Tener. This further re-location is made without waiver of any previous rights, but to correct any error in prior location or record, to secure all abandoned overlapping claims, and to secure all the benefits of the Arizona Mining Statutes relating to re-location of claims. X

Date of re-location, June 25th, 1900

Date of Certificate, June 25th, 1900.

DUQUESNE MINING & REDUCTION CO.

by J. F. TENER, General Agent.

Witness

NOBLE C. BANKS.

Filed & recorded request John F. Tener, June 26th, A. D. 1900, at 2 P. M.

W. N. CUMMINGS

County Recorder.

1-569

Washington Arizona, May 19th, 1900.

KNOW ALL MEN BY THESE PRESENTS:- That I, Christ H. Meyer, of the County of Santa Cruz, Territory of Arizona, claim by right of re-location, fifteen hundred feet, linear and horizontal measurement, on the Big Cave lode, along the vein thereof, with all the dips, variations and angles, together with three hundred feet in width on each side of the middle of said vein at the surface; and all veins, lodes, ledges and surface ground within the lines of said claim; and 580 feet running S. 87 deg. 30 min. E. from said center of discovery 920 feet running N. 85 deg. W. from center of discovery shaft. Said discovery shaft being situated upon said lode, within the lines of said claim, in Patagonia Mining District, County of Santa Cruz, Territory of Arizona.

Said claim is bounded and described as follows:-

Beginning at Corner No. 1, being the N. W. Corner of said claim, marked and monumented, and situated on the East side line of the Big Crop No. 1 claim; thence S. 18 deg. 38 min. W. 300 feet to a post and marked and monumented "Cave West Center", said monument being S. 18 deg. 38 min. W., 961/2 feet from the South east cor. of Big Crop No.1; thence S. 18 deg. 38 min. W., 300 feet to a post marked and monumented "Cave S. W. "; thence S. 85 deg. E., 870 feet to a post marked and monumented "South Side Line Cave"; thence S. 87 deg 30 min. E. 630 feet to a post marked and monumented "Cave S. E."; thence N. 18 deg. 38 min. E., 300 feet to a post marked and monumented "East End Center of Cave"; thence N. 18 deg. 38 min. E. 300 feet to a post marked and monumented "Cave N. E."; thence N. 87 deg. 30 min. W., 630 feet to a post marked and monumented "Cave North Side Line"; thence N. 85 deg. W. 870 feet to a post marked and monumented "Cave N.W. "; being the initial monument.

Being the same lode originally located by me and recorded in the office of the Recorder of Pima County, Book F. F. Record of Mines, page 403. This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location

or record, to secure all abandoned overlapping claims, and to secure the benefit of all statutes accruing from such relocation.

Date of relocation, May 19th., 1900.

Date of Certificate, May 19th., 1900.

CHRIST H. MEYER.

Attest.

NOBLE C. BANKS.

Filed and recorded at request of J. F. Tener, May 21st,
A. D. 1900, at 9 A. M.

W. N. Cummings, County Recorder,
By Louis Hudgin, Deputy.

1-512

RHINO MINING CLAIM.
NOTICE OF MINING LOCATION.
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the RHINO mining claim, situate on lands belonging to the United States, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F. A. Stevens, the undersigned, on the 18th day of Dec. 1896.

The length of this claim is fifteen hundred 1500 feet, and I claim one thousand 1000 feet in a northerly direction and five hundred 500 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in Patagonia mining district, in Pima county, in the territory of Arizona, about one mile in a southeasterly direction from the "Bonanza", a patented mine at Duquesne Camp.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a southerly direction five hundred 500 feet from the discovery shaft (at which this notice is posted) being the center of the south end line of said claim; thence 300 feet to a monument, being the south east corner of said claim; thence 750 feet to a monument at the center of the east side line of said claim; thence 750 feet to a monument being at the north east corner of said claim; thence 300 feet to a monument to the center of the north end of said claim; thence 300 feet to a monument, being at the north west corner of said claim; thence 750 feet to a monument, being at the center of the west side line of said claim; thence 750 feet to a monument at the south

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west corner of said claim; thence 300 feet to the place of beginning.

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

Dated and posted on the ground this 20th day of February 1897.

F. A. Stevens.

Filed and recorded at request of F. A. Stevens, March 1st, 1897.

Chas. A. Shibell,

County Recorder.

Book FF, Record of Mines, page 416.

PITTSBURGH MINING CLAIM.

NOTICE OF MINING LOCATION.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the PITTSBURGH mining claim, situated 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 George J. Troop, Jr., the undersigned, on the 18th day of December, 1896.

The length of this claim is fifteen hundred 1500 feet, and I claim eleven hundred 1100 feet in a northerly direction, and four hundred 400 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in Patagonia mining district, in Pima county, in the territory of Arizona, about one mile in a southeasterly direction from the "Bonanza", a patented mine at Duquesne.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a southerly direction four hundred 400 feet from the discovery shaft (at which this notice is posted) being in the center of the south end line of said claim; thence three hundred 300 feet to a monument, being the southeast corner of said claim; thence 750 to a monument at the center of the east end line of said claim; thence 750 feet to a monument being at the north east corner of said claim; thence three hundred 300 feet to a monument at the center of the north end of said claim; thence three hundred 300 feet to a monument, being at the north west corner of said claim; thence 750 feet to a

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being at the north west corner of said claim; thence 750 feet to a monument, being at the center of the west side line of said claim; thence 750 feet to a monument at the south west corner of said claim; thence three hundred 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 20th, 1895.

Dated and posted on the ground this 20th day of Feby.
1897.

Geo. J. Troop, Jr.

Filed and recorded at the request of F. A. Stevens,
March 1st, 1897.

Chas. A. Shibell,
County Recorder.

Book FF, Record of Mines, page 415.

SUCCESS MINING CLAIM.

LOCATION NOTICE.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the SUCCESS 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 George J. Troop, Jr., the undersigned, on the 18th day of December, 1896.

The length of this claim is fifteen hundred 1500 feet, and I claim fifteen hundred 1500 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 300 feet in width of the surface grounds on each side of the center of the said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Patagonia mining district, in Pima county, in the territory of Arizona, about one mile in a southeasterly direction from "The Bonanza", a patented mine at Duquesne.

The surfact boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in an easterly direction eighty 80 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence 300 feet to a monument of stones, being the northwest corner of said claim; thence 750 feet to a monument of stone at the center of the west side line of said claim; thence 750 feet to a monument of stone, being at the south west corner of said claim; thence three hundred 300 feet to a monument of stone at the center of the south end of said claim; thence three hundred 300 feet to a monument of stone being at the southeast corner of said claim; thence 750 feet to a monument of stone,

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being at the center of the east side line of said claim; thence 750 feet to a monument at the north east corner of said claim; thence three hundred 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 20th, 1895.

Dated and posted on the ground this 20th day of Feby. 1897.

Geo. J. Troop, Jr.

Filed and recorded at request of F. A. Stevens, March 1st, 1897.

Chas. A. Shibell,

County Recorder.

Book FF, Record of Mines, page 416.

AMENDED NOTICE OF MINING LOCATION.

Lode Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Big Crop 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 exploitation and purchase by Sam W. Cheyney, by the undersigned on the 10th day of August, 1889.

The length of this claim is 1495.5 feet and we claim 677 feet in a northerly direction and 818.5 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 299 feet and 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South.

The claim is situated and located in the Patagonia Mining District, Santa Cruz County, in the Territory of Arizona, about 600 feet in an easterly direction from the Duquesne Post Office.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at monument, which is post surrounded by a mound of stones, being the N. W. corner of the claim; thence S. $72^{\circ} 27'$ E. 299 feet to a monument, which is a post surrounded by a mound of stones being the center of the north end line of said claim; thence S. $72^{\circ} 27'$ E. 300 feet to a monument which is a post surrounded by a mound of stones being the N. E. corner of said claim; thence S. $19^{\circ} 49'$ W. 675.7 feet to a monument, which is a post surrounded by a mound of stone, being a corner on the east side line of said claim; thence S. $15^{\circ} 25'$ W. 818.5 feet to a monument being a post surrounded by a mound of stones which is the south east corner of said claim; thence N. $72^{\circ} 27'$ W. 300 feet to a monument, which is a post surrounded by a mound of stones, being the center of the south end end line of said claim; thence N. $72^{\circ} 27'$ W. 300 feet to a monument which is a post

surrounded by a mound of stone, being the S. W. corner of said claim; thence N. 15° 25' E. 818.5 feet to a monument which is a post surrounded by a mound of stone, being a corner on the west side line of said claim; thence N. 21° 21' E. 367 feet to a monument which is a post surrounded by a mound of stone being a corner on the west side line of said claim; thence N. 18° 10' E. 309 feet to a monument, which is the place of beginning.

All done under the provision of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of act of the General Assembly of Arizona, entitled "An Act to Codify and Revise the Laws of the Territory of Arizona", approved March 16th, 1901.

This is an amended location notice of the Big Crop mining claim, located by Sam W. Cheyney on the 18th day of August, 1889 and recorded in Book A. A. Record of Mines at page 509 in the office of the County Recorder of Pima County, now Santa Cruz County, to which reference is hereby made and this amended location is made and posted to correct errors in the description in the said original location notice.

Dated and posted on the ground February 16th, 1905.

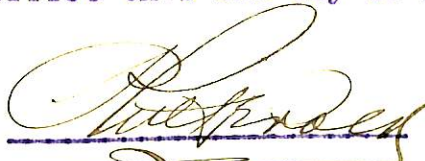
Signed THE DUQUESNE MINING AND REDUCTION CO

By H. S. Stewart, Agent.

Territory of Arizona,) ss.
County of Santa Cruz.)

I, Phil Herold, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the foregoing copy with the original Amended Notice of Location of the BIG CROP mining claim, filed and recorded in my office on the 1st day of May, 1905, in Book 5 of Mining Locations at page _____ et seq; and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 2nd day of May, A. D. 1905.


County Recorder/

AMENDED NOTICE OF MINING LOCATION.

Quartz Lode.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the BIG CROP NO. 2. 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 exploitation and purchase by Sam W. Cheyney, by the undersigned on the 5th day of August, 1889.

The length of this claim is 1469.8 feet and we claim 299.8 feet in a northerly direction and 1170 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet of the surface on each side of the centre of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Patagonia Mining District, Santa Cruz County, in the Territory of Arizona, about 600 feet in a north easterly direction from the Duquesne Post Office.

The surface boundaries of the claim are marked upon the ground as follows:- Beginning at a monument which is a post surrounded by a mound of stone, being the south west corner of said claim; thence S. 72° 27' E. 300 feet to a monument, which is a post surrounded by a mound of stone being the center of the south end line of said claim; thence S. 72° 27' E. 300 feet to a monument which is a post surrounded by a mound of stone, being the south east corner of said claim; thence N. 13° 10' E. 1170 feet to a monument, which is a post surrounded by a mound of stone, being corner of side line of said claim; thence N. 17° 05' E. 299.8 feet to a monument which is a post surrounded by a mound of stone, being the north west corner of said claim; thence N. 72° 27' W. 300 feet to a monument which is a post surrounded by a mound of stone, being the center of the north end line of claim; thence N. 72° 27' W. 300 feet to a monument which is a post surrounded by a mound of stone being the north west corner of claim. thence S. 18° 5' W.

299.8 feet to a monument which is a post surrounded by a mound of stone being a corner on the west side line of claim; thence S. 18° 10'W. 1170 feet to a monument which is a post surrounded by a mound of stone being the S. W. corner of claim the place of beginning.

All done under the provision of Chapter Six of Title XXXii of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona "An Act to Codify and Revise the laws of the Territory of Arizona", approved March 16th, 1901.

This is an amended location notice of the Big Crop No. 2 mining claim located by Sam W. Cheyney on the 5th day of August, 1889 and recorded in Book A. A. Record of Mines at page 509 in the office of the County Recorder of Pima County, now Santa Cruz, to which reference is hereby made and this amended location notice is made and posted to correct errors in the description in the said original location notice.

Dated and posted on the ground February 16th, 1905.

The Duquesne Mining and Reduction Co.

By H. S. Stewart, Agent.

Territory of Arizona,) ss.
County of Santa Cruz.)

I, Phil Herold, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the foregoing copy with the original Amended Notice of Location of the BIG CROP NO. 2. mining claim, filed and recorded in my office on the 1st day of May, 1905, in Book 5 of Mining Locations at page ___ et seq; and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 2nd day of May, A. D. 1905.


County Recorder.

JUMBO MINE.
LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claims fifteen (1500) hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz, and three hundred (300) feet in width on each side of the middle of said lead, lode or vein, situate in the Patagonia mining district, county of Pima, Arizona, and more particularly described as follows to-wit:

COMMENCING at this monument of stones, being the center of the southern end of claim, and upon which this notice is posted; thence westerly three hundred 300 feet to a monument of stones; thence northerly fifteen hundred 1500 feet to a monument of stones; thence easterly three hundred 300 feet to a monument of stones, being the center of the northern end of claim; thence easterly three hundred 300 feet to a monument of stones; thence southerly fifteen hundred 1500 feet to a monument of stones; thence westerly three hundred 300 feet to the place of beginning.

THIS CLAIM lies about one mile southeasterly of Washington Camp and immediately adjoins the Bonanza mining claim upon the east side line of said Bonanza claim, to which it is parallel in both side and end lines, and shall be known as the Jumbo Mine.

Located August 5th, 1889.

Witness.

Sam W. Cheyney,

Geo. Frazer.

Locator.

Filed and recorded at request of S. W. Cheyney, August 10th, A. D. 1889, at 9 a. m.

Charles A. Shibell,

County Recorder.

Book AA, Record of Mines, page 508.

KEYSTONE MINE.
LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claims fifteen hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Patagonia mining district, county of Pima, territory of Arizona, and more particularly described as follows, to-wit.

COMMENCING at this monument of stones, being the center of the north end line of claim, and upon which this notice is posted; thence easterly 300 feet to a monument of stones; thence southerly 1500 feet to a monument of stones; thence westerly _____ feet to a monument of stones, being the center of the southern end of claim; thence westerly 300 feet to a monument of stones; thence northerly 1500 feet to a monument of stones; thence easterly 300 feet to the place of beginning.

THIS CLAIM lies about 1 mile south of Washington Camp and immediately south of the Jumbo mine claim of which it is the southern extension, and shall be known as the KEYSTONE mine.

Located Sept. 8, 1889.

Locator: S. W. Cheyney.

Witness.

Geo. J. Roskruge.

Filed and recorded at request of S. W. Cheyney, Sept. 14th, A. D. 1889, at 9 a. m.

Charles A. Shibell,
County Recorder.

Book AA, Record of Mines, page 567.

Washington, Arizona, May 19th, 1900.

Know All Men By These Presents:- that I, Christ H. Meyer, of the County of Santa Cruz, Territory of Arizona, claim by right of relocation, fifteen hundred feet, linear and horizontal measurement, on the copper belt lode, along the vein thereof, with all its dips, variations and angles, together with three hundred feet in width on each side of the middle of said vein at the surface; and all veins, lodes, ledges, and surface ground within the lines of said claim/ 400 feet running N. 8 deg. 45 min. W., thence 396.5 feet running N. 18 deg. 38 min. E. from the center of the discovery shaft, and 703.5 feet running 8 deg. 45 min. from aforesaid center of discovery shaft; and discovery shaft being situated upon said lode, within the lines of said claim, in Patagonia Mining District, County of Santa Cruz, Territory of Arizona,

Said claim is bounded and described as follows:- Beginning at corner No. 1, being the N. E. corner of the claim and identical with the S. E. corner of Big Crop No. 1, marked and monumented "Copper Belt N. E."; thence N. 71 deg. 35 min. W., 300 feet to a post monumented and marked Copper Belt N. end center" being also the south end center of the Big Crop No. 1 claim; thence N/ 71 deg. 35 min. W., 300 feet to a post monumented and marked "Copper Belt N. W.", being also the S. W. corner of Big Crop No. 1 claim and the S. E. corner of Keystone claim; thence S. 18 deg. 38 min. ~~W.~~ 396.5 feet to a post monumented and marked "West side line Copper Belt", thence S. 8 deg. 45 min. E., 1103.5 feet to a post monumented and marked "Copper Belt S. W. Corner "; thence S. 71 deg. 35 min. E. 300 feet to a post marked and monumented "Copper Belt South end center", thence S. 71 deg. 35 min. E. 300 feet to a post monumented and marked "Copper Belt S. E. corner"; thence N. 8 deg. 45 min. W., 1103.5 feet to a post monumented and marked "East side line Copper Belt"; thence ^N 18 deg. 38 min. ~~E~~ 396.5 feet to the initial point.

Being the same lode originally located by me and recorded in the office of the Recorder of Santa Cruz County, in Book 1, Mining Locations, at pages 30 and 31.

This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record, to secure all abandoned overlapping claims, and to secure all the benefits accruing under the Statutes relating to relocation of mining claims of Arizona.

Date of relocation, May 19th, 1900.

Date of certificate, May 19th, 1900.

CHRIST H. MEYER.

Attest.

N. C. Banks.

Filed and recorded at request of J. F. Tener May 22nd,
A. D. 1900, at 9 A. M.

W. N. CUMMINGS, County Recorder.

BY Louis Hudgin, Deputy.

1-5-00

AMENDED NOTICE OF MINING LOCATION.

Lode Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the LAST CHANCE 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 exploitation and purchase, by Chris H. Meyer, by the undersigned, on the 1st day of March, 1900.

The length of the claim is 1010 feet and we claim 1010 feet lengthwise of the claim, together with 300 feet in width of surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northerly to the southerly direction. The claim is located in the Patagonia Mining District, Santa Cruz County, in the Territory of Arizona, and joins the Estelle and Louise on its southerly end line, the Copper Belt on the east side line, and the Chriss Excess on the west side line, and is about 1/5 rd of a mile south of the Duquesne Post Office.

The surface boundaries of the claim are marked upon the ground as follows:- Beginning at a monument on the south west corner of the Estelle and Louise; thence S. 60° 9' E. 303 feet to a monument being the center of the northerly end line of said claim; thence S. 60° 9' E. 303 feet to a monument being the north east corner of said claim; thence S. 9° 47' E. 1010 feet to a monument being the south east corner of said claim; thence N. 60° 9' W. 303 feet to a monument being the center of the southerly end line of said claim; thence N. 60° 9' W. 303 feet to a monument being the S. W. corner of said claim; thence N. 9° 47' W. 1010 feet to the place of beginning, being the N. W. corner of said claim.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled an Act to codify

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

This is an amended location notice of the Last Chance mining claim, located by Chris H. Meyers on the 22nd day of May, 1900 and recorded in Book ___ Record of Mines at page _____, in the office of County Recorder, of Santa Cruz County, to which reference is hereby made, to rectify that portion of said claim in conflict with the Estelle and Louise, and this amended location notice is made and posted to correct errors in the description in the said original notice.

Signed. DUQUESNE MINING AND REDUCTION CO.

H. S. Stewart, Agent.

Territory of Arizona,) ss.
County of Santa Cruz.)

I, Phil Herold, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the foregoing copy with the original Amended Notice of Location of the LAST CHANCE mining claim, filed and recorded in my office on the 1st day of May, 1905, in Book 5 of Mining Locations at page _____ et seq: and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 2nd day of May, A. D. 1905.



County Recorder.

NOTICE OF MINING LOCATION.

Quartz ~~Claim~~ Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Chris Excers 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 Charles W. Clauson, the undersigned, on the 1st day of Jany. 1902.

The length of this claim is 1125 feet, and I claim 500 feet in a northerly direction and 625 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with 300 feet in width of the surface grounds on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Patagonia Mining District, in Santa Cruz County, in the Territory of Arizona, about 1/2 mile in a southerly direction from Washington Post Office.

The surface boundaries of the claim are marked upon the ground as follows:- Beginning at monument of stones at point in a northerly direction 100 feet from the discovery shaft (at which this notice is posted), thence southwesterly 625 feet to a monument of stones being the S. W. corner of said claim; thence south easterly 757'2" feet to a monument of stones being at the S. E. corner of said claim; thence northerly 1118.5' feet to a monument of stones being at the N. E. corner of said claim; thence northwesterly 34 feet to a monument of stones at N. W. corner of said claim; thence 500 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 20th, 1895.

Dated and posted on the ground this 1st day of Jany. 1902.

Chas. W. Clauson.

Witness.

A. Roberts.

Filed and recorded at request of Duquesne M. & R. Co.

Jany. 6th, A. D. 1902 at 9 A. M.

Phil Herold, County Recorder.

CENTER MINING CLAIM.
NOTICE OF MINING LOCATION.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the CENTER 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 Chris Meyers, the undersigned, on the 26 day of April, 1897.

The length of the claim is 1500 feet and also 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, deposit and premises is from the N to the South.

The claim is situated and located in Patagonia mining district, in Pima county, in the territory of Arizona, about 1 1/2 miles in a southern direction from Washington Camp and is south extension of the San Antonio & Great Republic mines, and runs parallel with the wedge mine on the east.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at south end lines (of the south end lines) of the San Antonio & Great Republic mines at a point in a south direction 750 feet to the discovery shaft, at which this notice is posted being in the center of the N. end of said claim; thence E 300 feet to a monument, being the N E corner of said claim; thence 750 feet to a monument at the center of the east side line of said claim; thence S 750 feet to a monument being at the S E corner of said claim; thence W 300 feet to a monument being the center of the S. end of said claim; thence W 300 feet to a monument being the SW corner of said claim; thence N 750 feet to a monument, being at the center of the west side line of said claim; thence N 750 feet to a monument, at the N W corner of said claim; thence E 300 feet to the place of beginning.

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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 26 day of April, 1897.

Christ H. Meyers.

Witness:

N. H. Chapin,

Jerry Neville.

Filed and recorded at request of H. D. Underwood, June 29, 1897, at 2 p. m.

Chas. A. Shibell,

County Recorder.

Book FF, Record of Mines, page 554.

WEDGE MINING CLAIM.

LOCATION NOTICE.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the wedge 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 and exploration and purchase, by Chris Meyers, the undersigned on the first day of June, 1896.

The length of this claim is fifteen hundred feet and claim three hundred 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 ____ to the ____.

The claim is situated and located in the Patagonia mining district, in Pima county, in the territory of Arizona, about one mile in a southern direction from Washington Camp and joins the Silver Bill on the east side and runs parallel on the east with Empire and Silver Bill mines. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at the discovery shaft about 30 feet deep at a point in a northern direction 750 feet from the discovery shaft, at which this notice is posted, being in the center of the north end lines of said claim; thence east 300 feet to a monument of stones, being the northeast corner of said claim; thence 750 feet to a monument of stones at the center of the east side line; thence 750 feet to a monument of stones, being at the southeast corner of said claim; thence west 300 feet to a monument of stones at the center of the south end line of said claim; thence west 300 feet to a monument of stones, being at the corner of said claim; thence north 750 feet to a monument of stones, being at the center of the west side line of said claim; thence north 750 feet to a monument at the north west corner of said claim; thence 300 feet east to the place

-2-

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, 1896.

Chris Meyers.

Witnesses.

N. H. Chapin. Jerry Neville.

Filed and recorded at request of N. H. Chapin, August 7, 1896, at 9 a. m.

Chas. A. Shibell,

County Recorder.

Book FF, Record of Mines, page 319.

NOTICE OF LOCATION.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Mansanita lode mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered and located for the purpose of exploration and purchase by John A. Storm and James A. Shinn, the undersigned on the 15th day of June, 1899.

The length of the claim is eight hundred and forty feet, and we claim seven hundred and twenty feet in a northerly direction and one hundred and twenty feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with two hundred and fifty feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Patagonia Mining District, in Santa Cruz County, in the Territory of Arizona, about one mile in a south direction from Dick Chapins store which is in Washington Camp, and East of Empire lode, Lot No. 40 A.

The surface boundaries of the claim are marked upon the ground as follows:- Beginning at a stake and Mon. of rock, initial point in a south direction one hundred and twenty feet from the discovery shaft, (at which this notice is posted) being in the center of the south end lines of said claim; thence S. 85° W. 250 feet to a stake and Mon. of rock being the S. W. corner of said claim; thence north 420 feet to a stake and Mon. of rock, at the center of the west side line of said claim; thence north 420 feet to a stake and Mon. of rock, being at the N. W. corner of said claim; thence N. 85° E. 250 feet to a stake and monument of rock, at the center of the north end of said claim; thence N. 85° E. 250 feet to a stake and Mon. of rock being at the N. E. Corner of said claim; thence south 420 feet to a

stake and Mon. of rock, being at the center of the east side line of said claim; thence south 420 feet to a stake and Mon. of rock, at the S. E. corner of said claim; thence S. 85° W. 250 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 15th day of June, 1899.

John A. Storm 1/2

James A. Shinn. 1/2

Filed & Recorded req. of J. A. Storm Sep. 12, 1899 at
9 A. M.

W. N. Cummings

Co. Recorder.

1-232

AMENDED NOTICE OF MINING LOCATION.

Lode Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Silver Jack 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 exploitation and purchase by Chris Meyers, by the undersigned on the 15th day of November, 1896.

The length of this claim is 1500 feet and we claim 750 feet in a N. Easterly direction and 750 feet in a south westerly direction from the center of discovery shaft, at which this notice is posted lengthwise of ~~###~~ 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 North Easterly to South westerly.

The claim is situated and located in the Patagonia Mining District, Santa Cruz County, in the Territory of Arizona, about 3/4th of a mile south westerly from the Duquesne Post Office, and bounded on the north by the Belmont mining claim.

The surface boundaries are marked upon the ground as follows:- Beginning at a monument being the north easterly end center of said claim thence south westerly 300 feet to a monument being the north west corner; thence south easterly 750 feet to a monument, being the center of the westerly side line of said claim; thence south easterly 750 feet to a monument being the south west corner of said claim; thence north easterly 300 feet to a monument being the center of the south easterly end line of said claim; thence north easterly 300 feet to a monument being the south east corner of said claim; thence north westerly 750 feet to a monument being the center of the easterly side line of said claim thence north westerly 750 feet to a monument being the north east corner of said claim; thence south westerly 300 feet to a monument the place of beginning.

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.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Codify ^{and Revise} the Laws of the Territory of Arizona" approved March 16th, 1901.

This is an amended location notice of the Silver Jack Mining Claim, located by Chris Meyers on the 15th day of November, 1896, and recorded in Book F. F. Record of Mines at page 404, in the office of the County Recorder of Pima County, now Santa Cruz, to which reference is hereby made and this amended location notice is made and posted to correct errors in the description in the said original location notice.

Done and posted on the ground February 10th, 1905.

DUQUESNE MINING AND REDUCTION CO.

By H. S. Stewart, Agent.

Territory of Arizona,)
County of Santa Cruz,) ss.

I, P. L. Harold, County Recorder of and for the County, and
I, P. L. Harold, do hereby certify that I have compared the foregoing
copy of the original and amended location notice of the Silver Jack
Mining Claim, recorded in the office of the County Recorder of Pima
County, Book F. F. Record of Mines at page 404, and that the
said original, amended and correct copy of such original and of the
amended location notice.

Witness my hand and seal of office this 21st day of May,
A. D. 1905.

[Handwritten signature]
County Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

July 20, 1905

I, U. S. Surveyor-General for the districts of Arizona do hereby certify that the foregoing transcript of the Field Notes return and approval of the survey of the mining claim of Duguesne Mining and

Reduction Company

known as the Big Camp, Little Camp, Edge, Mausanita, Lost Chance, San Pedro, Keystone, Grand, Rhina, Carter, Copper, Bell situate in Patagonia,

Mining District, Santa Cruz County, Arizona,

in Section _____, Township No. 24 S., Range No. 16 East and

designated as Survey No. 2021, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made ^{or for each of} upon said mining claim by claimant or its grantors, and that said improvements consist of 26 Shafts, 3 cuts, and 8 tunnels, total value \$8,320.00, and \$2500.00 of the value of main working shaft on Bonanza claim Sur No. 850.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Tucson Arizona is correct and in conformity with the foregoing Field Notes.

(Signed) Frank P. Dugall

United States Surveyor-General for Arizona

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD
NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

July 20, 1905.

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

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

..... known as the
Big Crop. Bisbee. Pittsburg. Wedge. Mansanita. Last Chance.
Jumbo. Big Crop No. 2. Big Cave. Success. Silver Jack. Chris
Excers. Keystone. Bronco. Rhino. Center. Copper Belt.

situate in..... Patagonia..... Mining District,
..... Santa Cruz..... County, Arizona.

in Section....., Township No. 24 S., Range No. 16 E. unsurveyed.
....., designated as Survey No. 2021

executed by Philip Contzen......, U. S. Deputy Mineral
Surveyor, May 6th to 10th 1905......, 190....., under my instructions dated

May 5th 1905......, 190....., have been critically examined and the necessary cor-
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,
are hereby approved. A true copy of the copy of the location certificate filed by the applicant. for
survey is included in the field notes.

Frank A. Sargent

U. S. Surveyor-General for Arizona.