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MAY 1-1905
JUN 16 1905

*Aspirid by name
4/20/05*

(4-683.)

Mineral Survey No. 2032

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Duquesne Mining and Reduction Co.

KNOWN AS THE

Lauretta Comet - Mohawk - Indianapolis and Little Emma lodes
Patagonia Mining District,

Santa Cruz County, Arizona

Section _____ Township 24 S., Range 16 E unsurveyed

Surveyed under instructions dated April 8, 1905

by Philip Conzgen
U. S. Deputy Mineral Surveyor.

Claim located (see location notices)

Survey commenced April 14th, 1905

Survey completed April 15th, 1905

u 6-160

Hurford & Hazard attys
Tucson, Ariz

Lauretta lode

Sur. No 2032

Beginning at Cor. No 1.

Identical with the location, which is a mound of stone 3 ft. base 2 1/2 ft. high.

A juniper post, 4 ins. square, 3 1/2 ft. long, set 18 ins. in the ground with mound of stone, scribed 1-1-2032, whence U.S. Mineral Monument No 1, bears S 9° 15' E, 1579.3 ft.

An oak, 20 ins. diam., blazed and scribed 1-3-3-2032 B.F., bears N 36° 15' E, 15 ft.

An oak, 10 ins. diam., blazed and scribed - 1-3-3-2032 B.F., bears N 40° W, 40 ft.

Thence N 72° 4' E

N 12° E

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

591 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 quartzite stone, 24 x 12 x 10 ins., set 12 ins. in the ground with mound of stone, chiseled 2-2032, whence

An oak, 24 ins. diam., blazed and scribed 2-2032 B.F., bears N 82° 45' E, 38 ft.

An oak, 24 ins. diam., blazed and scribed 2-2032 B.F., bears N 12° W, 43.8 ft.

Thence N 14° 19' W

N 12° E

562.4 To Cor. No 3,

A granite stone, 24 x 16 x 8 ins., set 12 ins. in the ground, with mound

of stone, chiseled 3-2032, whence
An oak, 6 ins. diam., blazed and
scribed 3-2032 B.T., bears $S 29^{\circ} 15' E$
10.2 ft.

An oak, 30 ins. diam., blazed and
scribed 3-2032 B.T., bears $N 57^{\circ} 30' W$
15 ft. - ^{Log. cor. which is a mound of stone, 2 1/2 ft}
^{high, bears $N 140^{\circ} 19' W - 255$ ft}
Thence $N 66^{\circ} 38' W$

$N 9 12^{\circ} E$

384.4

To Cor. No 4,
Identical with North center end and
Cor. No 1 - Arizona lode, sur. No 1401
which is a pine post 4 ins. square,
set firmly in the ground, surrounded
by a mound of stone, scribed
1-1401. I mark same post 1-
4-2032, whence

An oak, 24 ins. diam., blazed and
scribed, 4-2032 B.T., bears
 $S 26^{\circ} 45' W - 21$ ft.

An oak, 3 ins. diam., blazed and
scribed, - 4-2032 B.T., bears
 $N 3^{\circ} E. 29$ ft.

Thence $S 72^{\circ} 4' W$

$N 9 12^{\circ} E$

300

To Cor. No 5,
Identical with the location and
Cor. No 3, Klondike lode, sur. No 2037,
which is a limestone, 24 x 10 x 4 ins.,
set 12 ins. in the ground with mound
of stone, chiseled 3-2037. I mark
same stone 15-2032, whence

A cross (X) and B.R. - 5-2032, showing
^{on a limestone}
 $N 8^{\circ} 10' E$ 7.7 ft.

A cross (X) and B.R. - 5-2032, showing
on a limestone 4 x 4 x 4 ft above the
ground, bears $S 76^{\circ} 35' W 32.4$ ft.

Thence $S 15^{\circ} 18' E$

$N 9 12^{\circ} E$

816

To Cor. No 1, the place of beginning

Comet lode

Beginning at Cor. No 1,
 Identical with the location, and
 Cor. No 6, Contact lode, Sur. No 2037,
 which is a quartzite stone,
 24 x 10 x 10 ins. set 12 ins. in the
 ground, ^{with mound of stone} chiseled 5-2037, I mark
 same stone 1-2032, whence
 N. S. Mineral Monument No 1, bears
 S45°12' E, 1621.9 ft.

An oak, 5 ins. diam., blazed and scribed
 1-2032 B.T., bears S90°15' W - 35.6 ft.

An oak, 12 ins. diam., blazed and scribed
 1-2032 B.T. bears S77°30' W - 58.7 ft.

Thence N 54°40' ~~W~~ ^E

N 12°15' E

400 To Cor. No 2,

A juniper post, 4 ins. square,
 3 1/2 ft long, set 18 ins. in the
 ground, with mound of stone,
 scribed C-2-2032, whence

An oak, 18 ins. diam., blazed and
 scribed 2-2032 B.T., bears N49°W
 33 ft.

An oak, 26 ins. diam., blazed and
 scribed 2-2032 B.T., bears S45°W
 1 ft.

Thence N 72°4' E

N 12°15' E

500 To Cor. No 3,

Identical with the location and
 Cor. No 1 of the Lauretta lode,
 of this survey, I mark post
 C-3-2032

Thence N 15°18' W

N 12°15' E

100 To W. end center monument.

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

316 To Cor. No 4.

Identical with the location and Cor. No
 4 - Klondike lode, Sur. No 2037

which is a limestone $24 \times 10 \times 10$ ins.,
12 ins. in the ground, chiseled

+ - 2037. I mark same stone

+ - 2032, whence

An oak, 20 ins. diam., blazed and scribed

+ - 2032 B.T., bears $S 20^{\circ} E$, 68.8 ft.

A juniper, 15 ins. diam., blazed and
scribed + - 2032 B.T., bears $N 74^{\circ} 30' E$

36.6 ft.

Thence $S 75^{\circ} 50' W$

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

575

Duquesne gulch, course S. E.

975.4

To Cor. No 5

Identical with the location, and
Cor. No 5 - Kondike, ^{near contact} lode, Sur. No 2037,
which is a granite stone $24 \times 8 \times 8$ ins.
set 12 ins. in the ground with

mound of stone chiseled 5-2037,
I mark same stone 5-2032, whence

An oak, 8 ins. diam., blazed and scribed

5-2032 B.T., bears $S 32^{\circ} W$ 16.6 ft.

An oak, 20 ins. diam., blazed and
scribed 5-2032 B.T., bears $N 27^{\circ} E$

2.9 ft.

Thence $S 15^{\circ} 18' E$

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

300

To W. end center monument

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

500

To Cor. No 1 the place of beginning
Mohawk lode

Beginning at Cor. No 1

Identical with the location, and
Cor. No 1 - Belmont lode, Lot No 38A.

which is a mound of stone 2 ft.
base, 2 ft high. I reestablish

same by setting

A limestone $24 \times 12 \times 12$ ins., 12 ins
in the ground, with mound of stone
chiseled 1-2032, also B. No I, whence

U. S. Mineral Monument No 1.

bears $S 35^{\circ} 59' E$ 855.1 ft

An oak, 7 ins. diam., blazed and scribed
1-5-2032 B.T., bears $S 26^{\circ} W$ 12.2 ft

An oak, 10 ins. diam., blazed and scribed
1-5-2032 B.T., bears $N 50^{\circ} 15' W$ 17.4 ft

Thence $S 54^{\circ} 40' W$

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

200

To Cor. No 2,

Identical with the S. end center
monument and Cor. No 1 Contact
lode, Sur. No 2037, which is
a granite stone $30 \times 14 \times 14$ ins., set
16 ins. in the ground with mound
of stone, chiseled 1-2037. I
mark same stone 2-2032,
whence

A juniper, 24 ins. diam., blazed
and scribed 2-2032 B.T., bears
 $S 30^{\circ} 45' E$ 14.6 ft.

An oak 8 ins. diam., blazed and
scribed 2-2032 B.T., bears $N 71^{\circ} W$
16.7 ft.

Loc. cor., which is a mound
of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft.
high, bears $S 54^{\circ} 40' W$ 100 ft.

Thence $N 40^{\circ} 35' W$

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

250

Montezuma gulch, course N.E

746

To Cor. No 3

Identical with W. side line monument
and Cor. No 6, Contact Lode,
Sur. No 2037, and Cor. No 1 Contact
lode of this survey, I mark
stone 3-2032, whence

Location Corner, which is a mound
of stone 2 ft. base, 2 ft. high,
bears $N 40^{\circ} 35' W$ 605 ft.

Thence $N 54^{\circ} 40' E$

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

200

N. end center monument, which
is a mound of stone 2 ft. base,
2 ft. high, bears $N 25^{\circ} 17' W$ 560 ft

400 To Cor. No 4
 Identical with Cor. No 2, Comet
 lode, of this survey, I mark
 post M-4 - 2032. Loc. cor. which is
 a mound of stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, bears $N 25^{\circ} 17' W$ 55 ft.
 Thence $S 25^{\circ} 17' E$
 $N 12^{\circ} 15' E$

526 Montezuma gulch, course N. E.

754.5 To Cor. No 1, the place of
 beginning

Indianapolis lode
 Beginning at Cor. No 1
 Identical with the S. end center
 monument, which is a post
 in mound of stone.

A quartzite $24 \times 10 \times 8$ ins., set 12 ins
 in the ground with mound of
 stone $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high,
 chiseled 1-2032, whence
 N. S. Mineral Monument No 1,
 bears $S 41^{\circ} 30' E$ 90 ft.

An oak, 10 ins. diam., blazed and
 scribed 1-1-2032 B.T., bears
 $S 66^{\circ} W$ - 25.4 ft.

An oak, 8 ins. diam., blazed and
 scribed 1-1-2032 B.T.

Loc. Cor., which is a mound of stone
 $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, bears
 $S 72^{\circ} 4' W$ - 298 ft.

Thence $N 72^{\circ} 4' E$

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

156 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 quartzite stone $24 \times 12 \times 10$ ins., set
 12 ins. in the ground with mound
 of stone, chiseled 2-2032, whence

An oak, 24 ins. diam., blazed and
 scribed 2-2032 B.T., bears $N 82^{\circ} 45' E$
 38 ft.

An oak, 24 ins. diam., blazed and
 scribed 2-2032 B.T., bears $N 12^{\circ} W$ - 43.8 ft.

Thence $N 13^{\circ} 21' W$

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

- 725 E. side line monument,
 Identical with the location, which is a
 mound of stone 2 ft. base, 2 ft. high
 1200 Montezuma gulch, course N.E
 1458 Duquesne gulch, course S.E
 1463.6 To Cor. No 3,
 Identical with the location,
 and Cor. No 1, Lauretta lode and Cor. No 3,
 Comet lode, of this survey - I mark
 post I-3-2032

Thence $S 72^{\circ} 4' W$

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

- 300 N. end center monument, which is
 a post and mound of stone
 600 To Cor. No 4
 identical with the location and Cor. No 2
 Comet lode and Cor. No 4, Mohawk
 lode of this survey, I mark post
 I-4-2032

Thence $S 25^{\circ} 17' E$

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

- 754.5 W. side line monument, Cor. No 5.
 Identical with the location and
 Cor. No 1, Mohawk lode of this
 survey and Cor. No 1, Belmont
 lode Lot No 38 A., I mark stone
 5-2032

Thence $S 35^{\circ} 20' E$

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

- 765.6 To Cor. No 1, the place of beginning
 Little Emma lode
 Beginning at Cor. No 1,
 identical with the location, and
 Cor. No 1 of the Indianapolis lode of this
 survey, I mark stone 1-2032, whence
 U. S. Mineral Monument No 1, bears
 $S 41^{\circ} 30' E$ 90 ft

Thence $N 72^{\circ} 4' E$

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

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

500 To Cor. 1102
 Identical with the location and
 Cor. 1108 of the Mary Jane lode,
 Sur. No 2036, which is a limestone
 $30 \times 20 \times 8$ ins., set 15 ins. in the
 ground with mound of stone, chiseled
 5-2036, & mark same stone 2-2032,
 whence

An oak, 7 ins. diam., blazed and
 scribed 2-2032 B.T., bears $S31^{\circ}W$
 26.2 ft

An oak, 7 ins. diam., blazed and
 scribed 2-2032 B.T., bears $N41^{\circ}45'W$

17 ft. Cor. 1101 - Mary Jane lode, Sur. No 2036
 bears $S7^{\circ}36'W$ 825.6 ft

Thence $S20^{\circ}E$

$N912^{\circ}15'E$

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

807.2 To Cor. 1103

A limestone $24 \times 12 \times 8$ ins., set
 12 ins. in the ground with mound
 of stone, chiseled 3-2032, whence

An oak 24 ins. diam., blazed and
 scribed 3-2032 B.T., bears $N162^{\circ}W$
 182 ft.

An oak, 8 ins. diam., blazed and
 scribed 3-2032 B.T., bears $S77^{\circ}15'W$

163 ft - Cor. 1 - Mary Jane lode Sur. No 2036 - bears
 $S87^{\circ}12'W$ 140 ft.

Thence $N85^{\circ}12'E$

$N912^{\circ}15'E$

245 To Cor. 1104

Identical with Cor. 1102,
 Mary Jane lode, Sur. No 2036,
 which is a limestone $24 \times 14 \times 6$
 ins., set 12 ins. in the ground
 with

mound of stone, chiseled
2-2036, I mark same stone
4-2032, whence

An oak, 7 ins. diam. blazed and
scribed 4-2032 B.T., bears
 $N 18^{\circ} 30' W$. 51.2 ft.

An oak, 14 ins. diam. blazed and
scribed 4-2032 B.T., bears
 $S 20^{\circ} W$ - 33 ft.

Thence $S 15^{\circ} 4' W$

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

442.4 To Cor. No 5 Identical with S. end
Corner monument

A limestone, $30 \times 16 \times 8$ ins., set
15 ins. in the ground, with
mound of stone, chiseled
5-2032, whence

An oak, 7 ins. diam. blazed and
scribed 5-2032 B.T., bears
 $S 59^{\circ} 30' E$, 22.5 ft.

An oak, 7 ins. diam. blazed and
scribed 5-2032 B.T., bears
 $S 19^{\circ} 30' E$, 14.5 ft.

Loc. Corner, which is a mound
of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high,
bears $N 72^{\circ} 4' E$ 301 ft.

Thence $S 72^{\circ} 4' W$

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

1.00 To Cor. No 6

A limestone, $24 \times 16 \times 8$ ins., set
12 ins. in the ground, with
mound of stone, chiseled
6-2032, whence

An oak 6 ins. diam. blazed and
scribed 6-2032 B.T. bears $S 75^{\circ} 15' W$
20 ft.

An oak 6 ins. diam. blazed and
scribed 6-2032 B.T., bears

$S 56^{\circ} 15' W$ 39.4 ft. Loc. cor., which is a
mound of stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high - bears $S 72^{\circ} 4' W$ - 297 ft.

Thence $N 35^{\circ} 20' W$

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

950.0

Road, bears E. and W.

1261.1

To Cor. No 1 the place of beginning

Area	Aeres
Lauretta -----	10.299
Comet -----	8.310
Mohawk -----	5.116
Indianapolis -----	13.990
Little Emma -----	8.417
<small>2222 areas in conflict with Mary June 296</small>	<u>7.121</u>
Total and net area	44.836 ✓

Location

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

Adjoining claims

The Lauretta lode is bounded on the North by the Alaska Arizona lode ^{Sur. No. 1401} and Dave Allen lode unsurveyed, on the East by the Little Jucker and Error lodes on the West by the Klondike lode, Sur. No. 2037. The Comet lode is bounded on the North by the Klondike lode, Sur. No. 2037 and on the West by the Contact lode, Sur. No. 2037. The Mohawk is bounded on the West by the Contact Sur. No. 2037 and on the South by the Belmont lode Lot No. 38 A. The Little Emma lode is bounded on the North by the Holland lode (unsurveyed) on the east by the Mary Jane lode, Sur. No. 2036 and the Empire lode, Lot No. 40 A.

Course of Veins

The presumed course of vein of the Lauretta, Mohawk, Indianapolis and Little Emma lodes is from the South end center monument to the North end center monument. The presumed course of vein of the Comet lode is from the West end center monument to the

Course of vein.

The presumed course of the vein on the Lauretta lode, is from the S. E. C. monument of the location N. $14^{\circ} 58' 30''$ W. 816.05 ft. to the N. E. C. monument.

The presumed course of the vein on the Mohawk lode, is from the S. E. C. monument of the location N. $25^{\circ} 16' 40''$ W. 754.47 ft. to the N. end center monument.

The presumed course of the vein on the Indianapolis lode, is from the S. E. C. monument of the location, N. $18^{\circ} 55' 20''$ W. 1479.1 ft. to the N. end center monument.

The presumed course of the vein on the Little Emma lode, is from the S. end center monument of the location N. $21^{\circ} 38' 50''$ W. 1205.85 ft. to the N. end center monument.

The presumed course of the vein on the Comet lode is from the W. end center monument of the location N. $70^{\circ} 54' 20''$ E. 977.35 ft. to the E. end center monument.

~~East end center monuments~~

Improvements

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

Lauretta lode

From Cor. No 4 Comet lode:

Discovery Shaft No 1, 4x6 ft 15 ft deep, bears N16°15'E 220 ft.

Value 500.00

Shaft No 2, 4x6 ft, 10 ft. deep, bears N16°15'E, 56 ft

Value \$100.00

From Cor. No 3

Shaft No 3, 4x6 ft, 10 ft deep, bears S4°W - 132 ft.

Value \$100.00

Shaft No 4, 4x6 ft 10 ft. deep bears S67°W - 150 ft.

Value \$100.00

Shaft No 5 4x6 ft 50 ft deep, bears S77°W - 107 ft

Value \$300

Comet lode:

From Cor. No 2

Discovery Shaft No 1 4x6 ft 40 ft. deep bears N34°E 200 ft

Value \$400.00

From Cor. No 4,

Shaft No 2 4x6 ft, 10 ft. deep. bears S70°W. 194 ft.

Value \$100.00

Mohawk lode:

From Cor. No 3

Discovery Shaft No 1, 4x6 ft, 10 ft deep, bears N79°30'E 200 ft.

Value \$100.00

Cut No 2, 4x6 ft, 20 ft long, bears S83°E, 300 ft - " -

Value \$100.00

Cut No 3 4x6 ft, 20 ft long,
bears S 82° 30' E, 350 ft
Value \$100.00

From Cor. No 1

Tunnel 4x6 ft, 100 ft long, course
N 45° W, bears N 27° W - 230 ft
Value \$500.00

Indianapolis lode
From N. end center monument,
Discovery shaft 4x6 ft 10 ft
deep, bears S 25° E - 100 ft
Value \$100.00

From Cor. No 2

Shaft ¹¹⁰² 4x6 ft, 10 ft deep, bears
N 36° W, 80 ft.
Value \$100.00

From Cor. No 5

Tunnel No 3, 4x6 ft, 50 ft long
course S. E., bears S 48° 30' E 260 ft
Value \$250.00

Tunnel No 4, 4x6 ft 100 ft long,
course S. E., bears S 46° 45' E,
300 ft
Value \$500.00

Shaft No 5, 4x6 ft 10 ft deep,
bears S 46° 45' E 370 ft
Value \$100.00

Shaft No 6, 4x6 ft 10 ft deep,
bears S 46° 45' E 440 ft.
Value \$100.00

Cut No 7, 4x6 ft 20 ft long, bears
S 42° E 510 ft
Value \$100.00

Little Emma lode

From Cor. No 2

Discovery cut 4x6 ft, 10 ft long,
bears S 49° 30' W - 290 ft
Value \$100.00

Shaft No 2, 4x6 ft, 10 ft deep,
bears S 44° 45' W, 310 ft
Value \$100.00

Shaft No 3, 4x6 ft 10 ft deep, bears
S 41° 30' W, 325 ft - 12 - 1

Shaft No 4, 4 x 6 ft, 15 ft. deep, bears
S 35° 15' W, 350 ft

Value \$100.00

Shaft No 5, 4 x 6 ft, 15 ft. deep,
bears S 34° 15' W, 380 ft

Value \$150.00

Shaft No 6, 4 x 6 ft, 25 ft. deep,
bears S 34° W - 410 ft

Value \$200.00

Shaft No 7, 4 x 6 ft, 25 ft. deep, bears
S 27° 30' W - 445 ft

Value \$200.00

Iron cor. No. 3

Shaft No 8, 4 x 6 ft, 20 ft. deep, bears
N. 46° 34' W, 445 ft
~~N 32° W, 415 ft~~

Value \$200.00

Shaft No 9, 4 x 6 ft, 20 ft. deep, bears
N. 39° 49' W, 457 ft
~~N 21° 30' W, 365 ft~~

Value \$200.00

Shaft No 10, 4 x 6 ft, 20 ft. deep, bears
N 43° 43' W, 275 ft
~~N 13° 15' E, 275 ft~~

Value \$200.00

Tunnel No 11, 4 x 6 ft 206 ft long,
course N 48° 30' W bears ~~N 48° 30' W, 200 ft~~
N 50° 40' W 275 ft.

Value \$2000.00

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 and checked with the lines of the Mary Jane lode Sur. No 2036. The distances were measured with 50 ft and 100 ft steel tapes.

Note: The disagreements between bearings of the Belmont lode Lot 38 A and Empire Lode, Lot No 40 A. are due to errors in the old surveys.

Philip Conzger
U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Coutzen
 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 Lauretta-Comet, Mohawk, Indianapolis
and Little Emma lodes,
 and showing the respective capacities in which they acted.

Henry W. Huggins, Chairman.
W. S. Kengla, Chairman.
Leon Wood, Axman.
Leon Wood, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Henry W. Huggins, W. S. Kengla
 and Leon Wood, do solemnly swear that we assisted Philip
Coutzen, 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 Lauretta
Comet-Mohawk-Indianapolis & Little Emma lodes, represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona.

Henry W. Huggins, Chairman.
W. S. Kengla, Chairman.
Leon Wood, Axman.
Leon Wood, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 20th day of April, 1905

H. G. Power

Notary Public

My Commission Expires

April 27th 1908

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Coutzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 8 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 Duquesne Mining and Reduction Co. known as the Lauretta - Comet - Mohawk - Indianapolis and Little Emma lodes Patagonia, situate in Santa Cruz County, Arizona, in Section —, Township No. 24 N.; Range No. 16 E. (unsurveyed) and designated as Survey No. 2032, 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 Coutzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Coutzen
U. S. Deputy Mineral Surveyor, before me
this 20th
day of April 1905.

W. G. Power

Notary Public

My Commission Expires April 27 1908

Affidavit of Five Hundred Dollars Improvements.

We, Henry W. Fuggins and Leon Wood

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Lauretta - Comet - Mohawk - Indianapolis and Little Emma
mining claim, situate in Patagonia

mining district, Santa Cruz County, Arizona Territory, for which the Duquesne
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 it grantor, exceed five hundred dollars in value ^{for each claim}, and further that we are not personally interested in said mine.

Henry W. Fuggins
Leon Wood

TERRITORY OF ARIZONA,
COUNTY OF Pima } ss:

Sworn to and subscribed before me this 20th day

[SEAL.]

of April, 1905

W. G. Power
Notary Public

My Commission Expires April 27th 1908

N O T I C E O F M I N I N G L O C A T I O N .

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:-

The mining claim, the name of which is the MOHAWK 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 D. COUGHLIN, the undersigned, on the 30 day of August, 1900.

The length of this claim is 1500 feet and I claim 600 feet in a southerly direction and 900 feet in a northerly 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 south to the north.

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 southerly direction from Washington 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 600 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence easterly 300 feet to a monument, being the S. E. corner of said claim; thence northerly 750 feet to a monument at the center of the east side line of said claim; thence northerly 750 feet to a monument being at the north east corner of said claim; thence westerly 300 feet to a monument at the center of the north end of said claim; thence westerly 300 feet to a monument, being at the northwest corner of said claim; thence southerly 750 feet to a monument being at the center of the west side line of said claim; thence southerly 750 feet to a monument at the southwest corner of said claim; thence easterly 300 feet to the place of beginning.

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

Dated and posted on the ground this 30 day of August,
 1900.

D. Coughlin.

Filed and recorded at request of D. Coughlin, Nov. 21,
 A. D. 1900, at 12 o'clock, M.

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

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 the foregoing is a full,
 true and correct copy of notice of mining location of the
 M O H A W K mining claim situate in Patagonia Mining District, Santa
 Cruz County, Arizona, as the same appears of record in my office
 in Book 2 of Mining Locations at pages 19 and 20.

In witness whereof, I have hereunto set my hand and
 affixed my official seal this 14th day of February, A. D. 1905.


 County Recorder.

N O T I C E O F M I N I N G L O C A T I O N .

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the INDIANOPOLIS 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 Dennis Coughlin, the undersigned, on the 1 day of January, 1900.

The length of this claim is fifteen hundred feet, and I 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 north to the south.

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

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a northerly direction 300 feet from the discovery shaft, at which this notice is posted, being in the center of the north end line of said claim; thence westerly 300 feet to a monument, being the north west corner of said claim; thence southerly 750 feet to a monument at the center of the westerly side line of said claim; thence southerly 750 feet to a monument being at the south west corner of said claim; thence easterly 300 feet to a monument at the center of the south end of said claim; thence easterly 300 feet to a monument, being at the corner of said claim; thence northerly 750 feet to a monument being at the center of the easterly side line of said claim; thence northerly 750 feet to a monument at the north east corner of said claim; thence westerly 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 1st day of January, 1900.

Dennis Coughlin.

Witness.

Henry Harmon.

Filed and recorded at request of Dennis Coughlin, Mar. 3rd, A. D. 1900, at 9 A. M.

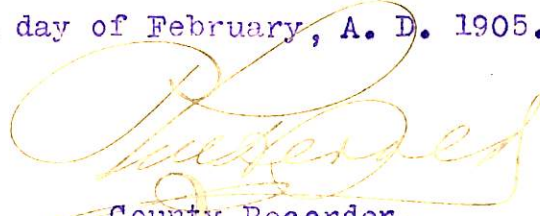
W. M. Cummings, County Recorder.

By Louis Hudgin, Deputy Recorder.

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 the foregoing is a full, true and correct copy of notice of mining location of the INDIANOPOLIS mining claim situate in the Patagonia Mining District, in Santa Cruz County, Arizona, as the same appears of record in my office in Book 1 of Mining Locations at pages 421 and 422.

In witness whereof, I have hereunto set my hand and affixed my official seal this 14th day of February, A. D. 1905.


County Recorder.

AMENDED
NOTICE OF MINING LOCATION.

Lode Claim.

TO ALL WHOM IT MAY CONCERN:-

This Mining Location, the name of which is the Comet Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Duquesne Mining & Reduction Company, a corporation, by its agent H. S. Stewart, the undersigned, on the 8th day of April, 1905.

The length of this claim is 1500 feet, and we claim 300 feet in a westerly direction and 1200 feet in an easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Easterly to the Westerly.

The claim is situated and located in the Patagonia Mining District, in Santa Cruz, formerly Pima County, in the Territory of Arizona, about one mile in a south westerly direction from Washington Post Office and is bounded on the north by the Cincinnatti and on the south by the Wabash claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at the west end center of the claim at a point in a westerly direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the westerly end line of said claim; thence 300 feet to a monument being the southwest corner of said claim; thence 1500 feet to a monument being at the south east corner of said claim; thence northerly feet to a monument at the center of the easterly end of said claim; thence northerly 300 feet to a monument being at the north east corner of said claim; thence westerly 1500 feet to a monument at the north west corner of said claim; thence 300 feet to the place of beginning.

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

This is an Amended Location Notice of the Comet Mining Claim, located by Dennis Coughlin on the first day of January 1898, and recorded in Book F. F. of Record of Mines, at page 706; in the office of the County Recorder of the aforesaid county of Pima 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 this 8th day of April, 1905.

The Duquesne Mining & Reduction Co.

By H. S. Stewart, Agent.

Filed and recorded at request of Hereford & Hazzard, April 10, A. D. 1905 at 9 A. M.

Phil Herold, County Recorder.

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 the foregoing is a full, true and correct copy of Amended Notice of Mining Location of the Comet Mining Claim, as the same appears of record in my office in Book 5 of Mining Locations at Page _____ et seq.

In witness whereof, I have hereunto set my hand and affixed my official seal this 11th day of April, A. D. 1905.



County Recorder.

LAURETTA 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 claimed 1500 hundred linear feet along the course of this lead, load or vein of mineral-bearing quartz, and 300 three hundred feet in width on each side of the middle of said lead, load 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 southerly end of claim, and upon which this notice is posted; thence easterly three hundred 300 feet to a monument of stones; thence northerly fifteen hundred (1500) feet to a monument of stones; thence westerly three hundred 300 feet to a monument of stones, being the center of the northerly end of claim; thence westerly three hundred 300 feet to a monument of stones; thence southerly fifteen hundred (1500) feet to a monument of stones; thence easterly three hundred (300) feet to the place of beginning.

THIS CLAIM is the first northerly extension of the Holland mine and embraces all the vacant ground lying between the said Holland mine, the Dave Allen and the Pride of the West mines. This claim was formerly known as the North extension of the Holland mine, and shall now be known as the Lauretta mine.

Located January 1st, 1893.

Witnesses: Chas D. Reppy.

Geo. H. Brooks,

Frank Olsen.

Filed and recorded at request of Chas. D. Reppy, January 25th, A. D. 1893, at 9 a. m.

Chas A. Sibell,

County Recorder.

Book DD, Record of Mines, page 136.

LITTLE EMMA MINE.

NOTICE OF LOCATION.

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 claim 1500 hundred linear feet along the course of this lead, load or vein of mineral-bearing quartz, with 300 feet in width on each side of the middle of said lead, load 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 centre of the north end of the claim, and upon which this notice is posted; thence westerly 300 feet to a monument of stones; thence southerly 1500 feet to a monument of stones; thence easterly 300 feet to a monument of stones being the center of the south end of claim; thence easterly 300 feet to a monument of stones; thence northerly 1500 feet to a monument of stones; thence westerly 300 feet to place of beginning.

This claim is more particularly described as lying alongside of and parallel to the Belmont mine on the east and lies about one mile south from Washington Camp & Post Office, and shall be known as the Little Emma mine.

Located January 1, 1893.

G. T. Dunavan.

Filed and recorded at request of G. H. Brooks, Jany 4, A. D. 1893, at 9 a. m.

Chas A. Shibell,

County Recorder.

Book 66, Record of Mines, page 763.

Territory of Arizona, }
 County of Pima. } ss.

I, Charles A. Shibell, county recorder in and for the county and territory aforesaid, do hereby certify that the foregoing pages contain a full, true and correct copy of the location notices of the mining claims situate in the Patagonia mining district, in Pima county, territory of Arizona, of which the names, with the book and page of Record of Mines in my office where their location notices are recorded, are as follows, to-wit:

Little Emma, Book CC, page 763; Lauretto, Book DD, page 136; and ~~Corset, Book EE, page 706.~~

WITNESS my hand and seal of office this 23d day of February, 1905.

Chas. A. Shibell

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 12, 1905

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Duquesne Mining and Reduction Co.

known as the Laretta, Comet, Mohawk, Indianapolis and Little Emma lodes.

situate in Patagonia,

Mining District, Santa Cruz, County, Arizona.

in Section, Township No. 24 S., Range No. 16 E. unsurveyed, and

designated as Survey No. 2032, has been correctly copied from the originals on file in

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

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimant or its grantors, and that said improvements consist of 21 shafts, 4 cuts and 4 tunnels, total value \$7000.00

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

I further certify that the plat thereof, filed in the U. S. Land Office at Tucson, Arizona

is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona.

4-687.

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

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

July 17, 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 Duquesne Mining and Reduction Co.

known as the Laretta, Comet, Mohawk, Indianapolis and Little Emma lodes.

situate in Patagonia, Mining District,

Santa Cruz County, Arizona.

in Section _____, Township No. 24 S., Range No. 16 E. unsurveyed

designated as Survey No. 2032

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

Surveyor, April 14th to 15th 1905, 1905, under my instructions dated

April 8, 1905, 1905, have been critically examined and the necessary cor-

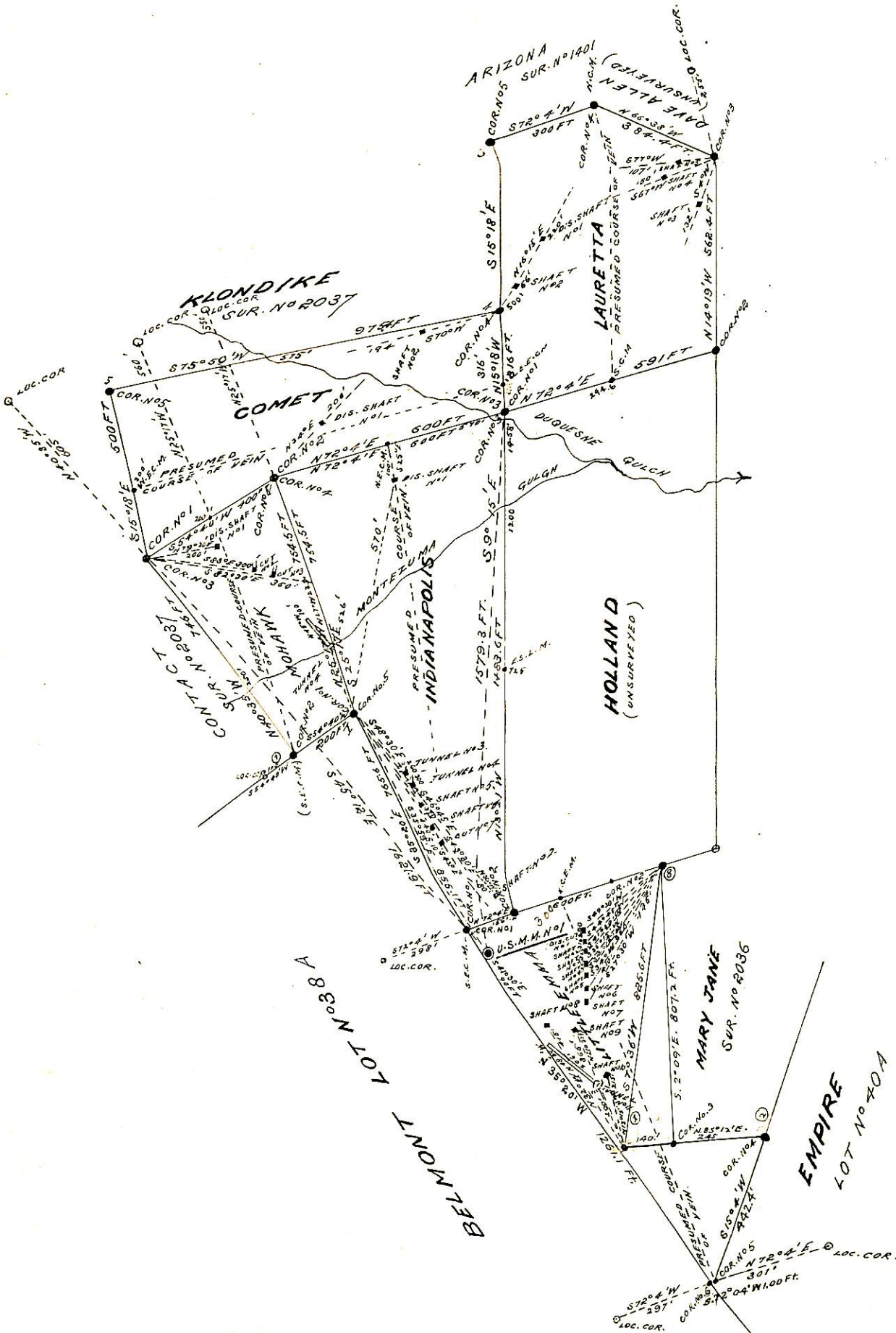
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank J. Sizer

U. S. Surveyor-General for Arizona.



SURVEY N°2032
 GILAND DISTRICT
 SURVEYED APRIL-14-15, 05
 by *Philip Contzen*
 U. S. DEP. MINERAL SUR.