

MINERAL SURVEY No. 4192ARIZONALand District**FIELD NOTES**

OF THE SURVEY OF THE MINING CLAIM OF

GEORGE H. FLAMMER

KNOWN AS THE

PORTA NIGRA, APACHE MAID, BOLIDE, GOLD QUARTZ, ECLIPSE
BULLION PRODUCER EXTENSION, CHAPARRAL NO. 1, CHAPARRAL NO. 2 lodes.BIG BUG Mining District,YAVAPAI County, ARIZONASections 17, 19, 20, Township 13 N., Range 1 E.Surveyed under instructions dated Jan. 27, 1937Amended Feb. 13, 1937By J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located See location notices, 19 Survey commenced Jan. 29, 1937Survey completed Feb. 22, 1937Address of claimant's Dorothy M. EvansAttorney in fact) Box 1548
Prescott ARIZ

DATES OF AMENDED LOCATIONS

Feb. 9, 1937

MINERAL SURVEY NO. 4192

Mineral Survey No. 4192 was made with a Lietz Light Mountain transit No. 9503, Model 'No. 9' with horizontal limb 5 ins. diameter, having double opposite verniers, and full vertical circle 5 ins diameter, having double opposite verniers; the horizontal verniers reading to thirty seconds of arc, and the vertical verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye-piece suitable for making direct observations upon the sun. This instrument is also equipped with a Saegmuller Solar attachment for making observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order. Altitude observations of the sun for azimuth, and at noon on the meridian for latitude were made at point on line 2-3 Gold Quartz lode, about 100 feet distant from Cor. No. 1, the details of which observation are shown in the calculation sheets herewith submitted for examination. My watch, which carries 105° Standard Meridian time, was compared, before and after the observations, with Western Union Telegraph time at Mayer, Ariz. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a 1/8 inch steel tape 500 feet in length, graduated every foot, having been compared with a steel standard tape at the time of beginning the survey, and found correct.

All lines and connections of this survey were run by direct methods. The magnetic variation observed at each corner of the survey, gave a uniform value of 14°-30'E.

CHAPARRAL No. 2 lode

Beginning at Cor. No. 1 of the Chaparral No. 2 lode, set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked C2 1 4192 with center for exact corner point; whence,

The 1/4 corner between sections 16 and 17 T. 13 N.R.1E.
of the Gila and Salt River ~~Range and~~ Meridian brs.
N.71°-39'E. 476.0 feet.

Thence S.47°-32'W.

1500.0 COR.No:2, identical with Cor.No.4 Chaparral No.1 lode of
this survey.
Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate marked C2 2 4192, Cl 4
with center for exact corner point, whence;

No bearings available;

Thence N.48°-22'W.

300.0 SOUTH CENTER END, identical with North Center End
Chaparral No.1 lode of this survey, built a substantial
mound of stone.

600.0 COR.NO.3 identical with Cor.No.3 Chaparral No.1 lode of
this survey.
Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate marked C2 3 4192
Cl 3 with center for exact corner point, whence;

No bearings available.

Thence N.47°-32'E.

1500.0 COR.NO.4
Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate marked C2 4 4192
with center for exact corner point, whence;

No bearings available.

Thence S.48°-22'E.

300.0 NORTH CENTER END, built a substantial mound of stone

600.0 COR.NO.1 and place of beginning. All corners agree with
their respective locations.

CHAPARRAL NO.1 LODE

Beginning at Cor.No.1

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the

ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked Cl 1 4192 with center for exact corner point, whence;

The North 1/4 corner Section 20 T.13 N.R.1 E of the Gila and Salt River ~~Base and~~ Meridian brs. S.61°-37'W. 409.7 feet.

No other bearings available.

Thence N.48°-22'W.

10.9 Intersect Cor.No.1 Eclipse lode of this survey.

300.0 SOUTH CENTER END, on line 1-4 Eclipse lode of this survey, built a substantial mound of stone.

300.9 Intersect North Center End Eclipse lode of this survey.

600.0 COR.NO.2 on line 1-4 Eclipse lode of this survey.

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked Cl 2 4192 with center for exact corner point, whence;

No bearings available.

Thence N.36°-24'E.

1500.0 COR.NO.3 identical with Cor. No.3 Chaparral No.2 lode of this survey;

Thence S.48°-22'E.

300.0 NORTH CENTER END, identical with South Center/Chaparral No.2 lode. this survey.

600.0 COR.NO.4, identical with Cor. No. 2 Chaparral No.2 lode of this survey. Thence S.36° 24' W.

1500.0 Cor. No. 1 and place of beginning. All corners agree with their respective locations.

ECLIPSE LODGE.

Beginning at Cor. No.1 of the Eclipse lode, on line 1-2 Chaparral No.1 of this survey.

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, *heretofore described as supporting Cor. No.1 Chaparral No.1 lode*, fitted with a 3 inch flange and copper plate marked E 1 4192 with

center for exact corner point, whence;

The North 1/4 corner Section, 20 T.13 N.R.1 E of the

Gila and Salt River ~~Base and~~ Meridian Brs. S.61°-30'W.

409.4 feet.

No other bearings available.

Thence S.48°-46'W.

750.7 Intersect line 1-2 Apache Maid lode of this survey.

1496.0 COR.NO.2.

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked E 2 4192 with center for exact corner point, whence;

No bearings available.

Thence N.48°-22'W.

12.6 Intersect Cor. No.1 Bolide lode of this survey.

254.1 Intersect line 4-1 Apache Maid lode of this survey.

300.0 SOUTH CENTER END on line 4-1 Bolide lode of this survey, built a substantial mound of stone.

312.6 Intersect North Center End Bolide lode of this survey.

537.0 Intersect line 1-2 Porta Nigra lode of this survey.

581.6 COR.NO.3

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked E 3 4192 with center for exact corner point, whence

Cor.No.1 Porta Nigra lode of this survey brs.

N.63°-51'-30"E. 118.7 feet.

Thence N.48°-04'E.

110.6 Intersect line 4-1 Porta Nigra lode of this survey.

1493.8 COR.NO.4.

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, *here to fore described as supporting Cor.No.2 Chaparral No.1 lode* fitted with a 3 inch flange and copper plate marked E 4 4192 with center for exact corner point, whence;

No bearings available.

Thence S.48°-22'E.

30.9 Intersect Cor.No.2, Chaparral No.1 lode of this survey.

300.0 NORTH CENTER END, on line 2-1 Chaparral No.1 lode of this survey, built a substantial mound of stone, *merged with mound* mound at

South center End Chaparral No.1 lode of this survey.

300.9 Intersect South Center End Chaparral No.1 lode of this survey.

600.0 Cor.No.1 and place of beginning, All corners, are identical with their respective locations.

APACHE MAID LODE

Beginning at Cor. No.1

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked A M 1 4192 with center for exact corner point, whence;

The North 1/4 corner Section 20 T.13 N.R.1 E of the Gila and Salt River ~~Base and~~ Meridian brs. N. 78°-46'E. 425.9 feet.

Cor.No.2 Eclipse lode of this survey brs. S.26°-09'-00"W. 788.5 feet.

No other bearings available.

Thence S.44°-32'E.

300.0 NORTH CENTER END, built a substantial mound of stone.

303.7 Intersect line 1-2 Eclipse lode of this survey.

510.0 Intersect line 4-1 Bullion Producer Extension lode of this survey.

600.0 COR.NO.2

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked A M 2 4192 with center for exact corner point, whence;

Cor.No.1 Bullion Producer Extension lode of this survey brs. N.10°-24'E. 158.8 feet.

Thence S.44°-55'W.

1370.0 Intersect line 3-4 Bullion Producer Extension lode of this survey.

1500.0 COR.NO.3

Set a 3/4, inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copperplate marked A.M.3 4192 with

center for exact corner point, whence;

Cor.No.4 Bullion Producer Extension lode of this survey
brs. N. 10°-24'E. 158.8 feet.

Thence N.44° -32'W.

700.0 SOUTH CENTER END, built a substantial mound of stone.

305.5 Intersect line 1-2 Bolide lode of this survey.

600.0 COR.NO.4

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate marked A.M.4 4192
with center for exact corner point, whence;

Corner No.1 Bolide lode of this survey brs. N.62°-41'
00"E. 790.4 feet.

No other bearings available.

Thence N.44°-55'E.

738.9 Intersect line 2-3 Eclipse lode identical with line 4-1
Bolide lode, both of this survey.

1500.0 Cor.No.1 and place of Beginning. All corners are identical
with their respective locations.

BULLION PRODUCER EXTENSION LODGE

Beginning at Cor No.1

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate, marked B P E 1
4192 with center for exact corner point, whence;

The North 1/4 corner Section 20 T.12 N.R.1 E. of the
Gila and Salt River ~~Base and~~ Meridian brs. N. 5°-07'W.
355.9 feet.

No other bearings available.

Thence S.44°-32'E.

300.0 NORTH CENTER END, built a substantial mound of stone.

600.0 COR.NO.2

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the
ground supported by a substantial mound of stone, fitted
with a 3 inch flange and copper plate marked B P E 2 4192

with center for exact corner point, whence;

No bearings available.

Thence S. 44°-55'W.

1500.0 COR.NO.3

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground, supported by a substantial mound of stone fitted with a 3 inch flange and copper plate marked B P E 3 4192 with center for exact corner point, whence;

No bearings available.

Thence N. 44°-32'W.

300.0 SOUTH CENTER END, built a substantial mound of stone.

510.0 Intersect line 2-3 Apache Maid lode of this survey.

600.0 COR.NO.4

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked B P E 4 4192 with center for exact corner point, whence;

No bearings available.

Thence N. 44°-55'E.

1370.0 Intersect line 1-2 Apache Maid lode of this survey.

1500.0 COR.NO.1 and place of beginning. All corners are identical with their respective locations.

PORTA NIGRA LODE

Beginning at Cor. No.1

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a flange and copper plate marked P N 1 4192 with center for exact corner point, whence;

The North 1/4 corner Section 20 T.13 N.R.1 E of the Gila and Salt River ~~Base~~ Meridian brs. N. 72°-11'-30"E. 1149.1 feet.

No other bearings available.

Thence S.41°-47'W.

109.9 Intersect line 2-3 Eclipse lode identical with line 4-1 Bolide lode both of this survey.

1498.1 COR.NO.2

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a 3 inch flange and copper plate marked P N 2 4192 with center for exact corner point, whence;

No bearings available.

Thence N. 48°-22'W.

52.8 Intersect line 3-4 Bolide lode of this survey.

200.0 SOUTH CENTER END, built a substantial mound of stone.

455.0 Cross road, brs. southwest to northeast.

498.5 COR.NO.3

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone fitted with a flange and copper plate marked P N 3 4192 with center for exact corner point, whence;

No bearings available.

Thence N. 44°-47'E.

295.0 Cross gulch, flows easterly.

1500.0 COR.NO.4

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone fitted with a flange and copper plate marked P N 4 4192 with center for exact corner point, whence;

No bearings available.

Thence S.48°-22'E.

132.0 Cross gulch, flows northeasterly.

298.5 NORTH CENTER END, built a substantial mound of stone.

387.5 Intersect line 3-4 Eclipse lode of this survey.

420.0 COR.NO.1 and place of beginning. All corners are identical with their respective locations.

BOLIDE LODE

Beginning at Cor. No.1

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a flange and copper plate marked B 1 4192 with center for exact corner point, whence;

The North 1/4 corner Section 20 T.13 N.R.1 E of the

- Gila and Salt River Base and Meridian brs. N.44°-43'E.
1101.0 feet.
- No other bearings available.
Thence S.40°-53'W.
- 757.4 Intersect line 3-4 Apache Maid lode of this survey.
- 1500.0 COR.NO.2 identical with Cor. No.1 Gold Quartz lode of this survey.
Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone fitted with a flange and copper plate marked B 2 4192^{GQ 1} with center for exact corner point, whence;
No bearings available.
Thence N.48°-22'W.
- 300.0 SOUTH CENTER END, identical with North Center End Gold Quartz lode of this survey, built a substantial mound of stone.
- 600.0 COR.NO.3, identical with Cor.No.4 Gold Quartz lode of this survey.
Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a flange and copper plate marked B 3 4192^{GQ 4} with center for exact corner point, whence;
Cor.No.1 Porta Nigra lode of this survey brs:N.66°18'E.
No bearings available. 122.9 ft.
Thence N. 40°-53'E.
- 111.7 Intersect line 2-3 Porta Nigra lode of this survey.
- 1500.0 COR.NO.4
Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone fitted with a flange and copper plate marked B 4 4192 with center for exact corner point, whence;
Cor.No.2 Porta Nigra lode of this survey brs. S.38°-42'-30"W. 1390.0 feet.
No other bearings available.
Thence S.48°-22'E.
- 30.0 Intersect Cor.No.3 Eclipse lode of this survey.
- 74.6 Intersect line 1-2 Porta Nigra lode of this survey.
- 300.0 NORTH CENTER END, on line 2-3 Eclipse lode of this survey,

- built a substantial mound of stone.
- 312.6 Intersect South Center End Eclipse lode of this survey.
- 358.5 Intersect line 4-1 Apache Maid lode of this survey.
- 600.0 COR.NO.1 and place of beginning. All corners are identical with their respective locations.

GOLD QUARTZ LODE

Beginning at Cor. No.1 identical with Cor. No.2 Bolide lode of this survey, whence;

The North 1/4 Corner Section 20 T.13 N.R.1 E of the Gila and Salt River Base and Meridian brs. N. 42°-33'E. 2599.4 feet.

Thence S.43°-38'W.

- 1307.0 Cross road, brs. south to north.
- 1500.0 COR.NO.2

Set a 3/4 inch iron pipe 42 inches long, 18 inches in the ground supported by a substantial mound of stone, fitted with a flange and copper plate marked G Q 2 4192 with center for exact corner point, whence;

No bearings available.

Thence N.48°-22'W.

- 300.0 SOUTH CENTER END, built a substantial mound of stone.

- 600.0 COR.NO.3

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground supported by a substantial mound of stone, fitted with a flange and copper plate marked G Q 3 4192 with center for exact corner point, whence;

No bearings available.

Thence N.43°-38'E.

- 760.0 Cross road, brs south to north.
- 1500.0 COR.NO.4 identical with Cor. No.3 Bolide lode of this survey.

Thence S.48°-22'E.

- 300.0 NORTH CENTER END, identical with South Center End Bolide lode of this survey.

- 600.0 COR.NO.1 and place of beginning. All corners are identical with their respective locations.

Acres
20.552

LODE LINES

The presumed course of the veins of the respective locations embraced in this survey counted from the discovery is as follows;

CHAPARRAL No.2 lode
N.47°-32'E. 1499.0ft. and S.47°-32'W. 1100 feet.

CHAPARRAL No.1 lode
N.36°-24'E. 910 feet and S.36°-24'W. 590 feet.

ECLIPSE lode
N.48°-46'E. 1246 feet and S.48°-46'W. 250 feet.

APACHE MAID lode
N.44°-55'E. 800 feet and S.44°-55'W. 700 feet.

BULLION PRODUCER EXTENSION lode
N.44°-55'E. 1300 feet and S.44°-55'W. 200 feet.

PORTA NIGRA lode
N.44°-47'E. 300 feet and S.44°-47'W. 1200 feet.

BOLIDE lode
N.40°-53'E. 100 feet and S.40°-53'W. 1400 feet.

GOLD QUARTZ lode
N.43°-38'E. 625 feet and S.43°-38'W. 875 feet.

AREAS

| | Acres |
|--|--------|
| TOTAL AREA CHAPARRAL No.2 lode | 20.552 |
| TOTAL AREA CHAPARRAL No.1 lode | 20.575 |
| TOTAL AREA ECLIPSE lode | 20.133 |
| TOTAL AREA APACHE MAID lode | 20.660 |
| Area in conflict with | |
| Bolide lode of this survey | 4.597 |
| Eclipse lode of this survey | 4.810 |
| TOTAL AREA BULLION PRODUCER EXTENSION lode | 20.660 |
| Area in conflict with | |
| Apache Maid lode of this survey | 2.831 |
| TOTAL AREA PORTA NIGRA lode | 15.792 |
| Area in conflict with | |
| Bolide lode of this survey | 2.030 |
| Eclipse lode of this survey | 0.972 |
| TOTAL AREA BOLIDE lode | 20.659 |

TOTAL AREA GOLD QUARTZ lode of this Acres
20.649

LOCATION

This survey is located in the NE $\frac{1}{4}$, SE $\frac{1}{4}$, and SW $\frac{1}{4}$ Sec. 17, the NE $\frac{1}{4}$ and SE $\frac{1}{4}$ Sec. 19, and the NE $\frac{1}{4}$, NW $\frac{1}{4}$, and SW $\frac{1}{4}$ Sec. 20, T. 13 N., R. 1 E., Gila and Salt River ~~Base~~ Meridian, Big Bug Mining District, Yavapai County State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors is not less than five hundred dollars and that said improvements consist of;

CHAPARRAL NO. 2 lode

No. 1 The discovery tunnel, ^{4x6 ft} intersecting the lode line, at the discovery point, N 48° 31' E 1.0 ft from South Center End, the portal of tunnel brs. N. 48°-32' W. 3.0 feet from the South Center end, continuing easterly 20 feet. From this portal a cut extends S. 45° W. 15 ft., (this cut is working of prior locators). Value \$100.00

To be accredited to this lode is an undivided 1/8th interest in Improvement No. 1 Porta Nigra lode which is a Common Improvement as described hereinafter.

Value \$1042.50

CHAPARRAL No. 1 lode

No. 1 The discovery shaft, on the lode line, the center of which brs. S. 36°-24' W. 910 feet from the North Center End, 4x6x8 feet deep, caved.

Value \$80.00

To be accredited to this lode is an equal undivided 1/8th interest in Improvement No. 1 Porta Nigra lode which is a Common Improvement as described hereinafter.

Value \$1042.50

ECLIPSE lode

No. 1 Discovery shaft, the center of which brs. N. 48°-46' E. 250 feet from the South Center end, 4x6x70 feet deep, caved,

Value \$700.00

No. 2 a cut, the center of the face of which brs. N. 48°-46' E.

300 feet from the South Center End, 8x12x7 feet face
 caved, extending northeast to ^{mouth} Value \$150.00

No. 3 A shaft, the center of which brs. S. 61°-00' W. 318 feet
 from the North Center End, 4x6x8 feet deep caved.

Value \$80.00

To be accredited to this lode is an equal undivided 1/8th
 interest in Improvement No. 1 Porta Nigra lode which is a
 Common Improvement as described hereinafter.

Value \$1042.50

APACHE MAID lode

No. 1 The discovery shaft, the center of which brs. N. 44°-55' E.
 700 feet from the South Center End, 4x6x50 feet deep,
 caved. Value \$500.00

To be accredited to this lode is an equal undivided 1/8th
 interest in Improvement No. 1 Porta Nigra lode which is a
 Common Improvement as described hereinafter.

Value \$1042.50

BULLION PRODUCER EXTENSION lode

No. 1 The discovery shaft, the center of which brs. N. 44°-55' E.
 200 feet from the South Center End, 4x6x8 feet deep, caved.

Value \$80.00

To be accredited to this lode is an equal undivided 1/8th
 interest in Improvement No. 1 Porta Nigra lode which is a
 Common Improvement as described hereinafter.

Value \$1042.50

PORTA NIGRA lode

No. 1 The discovery cut and tunnel, the ^{discovery point and} portal of which brs.

N. 44°-47' E. 1200 feet from the South Center End, cut
 extending N. 51°-36' W. to mouth,

4x14x10 feet face, tunnel 4x6x824 feet, bearing S. 51°-36' E

on a tangent to the face.

Cut \$100.00

Value Tunnel \$8240.00

No. 2 A shaft, the center of which brs. S. 45° W. 455 feet from
 Cor. No. 1, 4x6x10 feet deep caved.

Value \$100.00

To be accredited to this lode is an equal undivided 1/8th
 interest in Improvement No. 1 of this lode which is a
 Common Improvement as described hereinafter.

Value \$1042.50

BOLIDE lode
No.1 Discovery monument, on vein, whence North Center End brs. N40°-53'E 100 feet.

No.2 The discovery cut and tunnel intersecting the lode line, the portal of which brs. N.85°-00'W. 120 feet from the North Center End, Cut running, N.45°-10'W, 4x25x10 feet face, tunnel running S.45°-10'E. 57.4 ft., thence S.35°-24'E. 19.3 ft., thence S.19°-55'W. at 21.0 feet intersect winze 4x6x37 feet deep, 46 feet to a point, whence, a tunnel face brs. S.56°-35'W. 35 feet; a tunnel face brs N.83°-55'W. 16.0 ft and a tunnel face brs. S.31°E. 9.3ft. having a total length of tunnel 183.0 feet and winze 37 feet in depth

| | |
|--------|-----------|
| Value | |
| Cut | \$150.00 |
| Tunnel | \$1830.00 |
| Winze | \$370.00 |

To be accredited to this lode is an equal undivided 1/8th interest in Improvement No.1 Forta Nigra lode which is a Common Improvement as described hereinafter.

Value \$1042.50

GOLD QUARTZ lode

No.1 The discovery shaft, the center of which brs. N.43°-38'E. 875 feet from the South Center End, 4x6x25 feet deep caved,

Value \$250.00

To be accredited to this lode is an equal undivided 1/8th interest in Improvement No. 1 Porta Nigra lode which is a Common Improvement as described hereinafter.

Value \$1042.50

Improvement No.1 Porta Nigra lode of this survey is the present main working for this group of claims. It is a true cross-cut tunnel, cutting the formation at right angles, and thus situated to intercept all of the veins passing through the various claims. The face of the tunnel has a present depth of 270 feet. The tunnel when continued to the center line of the Bullion Producer Extension lode of this survey will have a depth of about 200 feet below the surface. I consider this tunnel and its workings a Common

Improvement

Improvement and of such a nature as to redound to the benefit of the eight locations of this survey.

Value \$8340.00

To be accredited to each location of this survey is an equal undivided 1/8th interest in this Common Improvement.

1/8th interest \$1042.50

OTHER IMPROVEMENTS

CHAPARRAL NO.2 lode.

A shaft, brs. N.62°E. 903 feet from Cor. No.3, 4x6x8 feet deep.

A shaft brs. N.33°-50'E. 795 feet from Cor. No.2, 4x6x40 feet deep.

A shaft brs. N.70°-20'W. 317 feet from Cor. No.1, 4x6x8 feet deep.

A shaft brs. S.84°-50'E. 330 feet from Cor.No.3, 4x6x8 feet deep.

CHAPARRAL No.1 lode

A shaft brs. S.66°-20'W. 755 feet from Cor. No.4, 4x6x250 feet deep, est.

A shaft hrs N.36°-24'E. 510 feet from the South Center End, 4x6x20 feet deep caved.

GOLD QUARTZ lode

A shaft brs. S.43°-38'W. 215 feet from the North Center End, 4x6x25 feet deep.

A cut and tunnel, the mouth of cut brs. S.64°-10'W. 755 feet from Cor. No.1, cut brs northeasterly, 4x48x10 foot face, and tunnel 4x6x6 ft. caved.

OTHER DESCRIPTIONS

The 1/4 corners at the North 1/4 of Sec.20 and East 1/4 cor. Sec. 17 are pipe corners properly set and marked according to the calls in the official records. The south 1/4 corner Sec. 17 is missing, ~~(no pipe corner having been set.)~~ and Cor. Sec. 17-18-19-20 are missing. The West 1/4 corner Sec. 20 is missing, and as they

could not be found after several hours diligent search, I made the tie of the Gold Quartz lode to the North 1/4 corner of Sec. 20.

The corners of this survey are 3/4 inch iron pipe 42 inches long firmly driven 18 inches into the ground and supported by a substantial mound of stone and earth. A 3/4 inch floor flange, cast iron, three inches in diameter, having bolt holes, has been fitted to top of pipe. A three inch diameter copper plate neatly bolted to the floor flange gives a smooth marking surface upon which the designation of each corner has been stamped with steel dies.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

William W. Bass
U.S. MINERAL SURVEYOR

OTHER DESCRIPTIONS

The 1/4 corner at the North 1/4 of Sec. 20 and East 1/4 cor. Sec. 17 are pipe corners properly set and marked according to the calls in the official records. The south 1/4 corner Sec. 17 is missing, no pipe corner having been set. The West 1/4 corner Sec. 20 is missing, and as they

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by J. William Waara

United States 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

George H. Flammer, known as the Chaparral No. 2, Chaparral No. 1, Eclipse, Apache Maid, Bullion Producer Extension, Porta Nigra, Bolide and Gold
~~known as the~~ quartz lodes

and showing the respective capacities in which they acted.

Ted Snyder, Chairman.

....., Chairman.

....., Assman.

....., Flagman.

FINAL OATHS OF ASSISTANTS

We, I, Ted Snyder

~~and~~, do solemnly swear that ~~we~~ assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of George H. Flammer, known as the Chaparral No. 2

Chaparral No. 1, Eclipse, Apache Maid, Bullion Producer Extension,

~~known as the~~ Porta Nigra, Bolide and Gold Quartz lodes

represented in the foregoing field notes as having been surveyed by said 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 instruc-

tions furnished by the ^{Acting} Office Cadastral Engineer, at Phoenix Arizona.

x Ted Snyder, Chairman.

....., Chairman.

....., Assman.

Owing to the distance from the nearest Notary Public and the expense and delay which would have been involved, I took the acknowledgment of my assistant in my capacity as a U.S. Mineral Surveyor

J. William Waara
U.S. Mineral Surveyor

FINAL OATH OF U. S. MINERAL SURVEYOR

I, J. William Waara, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the ^{Acting} Office Cadastral
Engineer, at Phoenix Arizona., dated Jan. 27, 1937 *Feb. 13, 1937*

I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said ^{Acting} Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of

George H. Flammer, known as the
Chaparral No. 2, Chaparral No. 1, Eclipse, Apache Maid, Bullion Producer
Extension, Porta Nigra, Bolide and Gold Quartz lodes

situate in Big Bug Mining District,
Yavapai County, Arizona., in Section
17-19-20, Township No. 13 N., Range No. 1 E.

and designated as Survey No. 4192, 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 ^{Acting} Office Cadastral Engineer
with said instructions, and that all 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 im-
provements made upon said mining claim by claimant or his
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been in-
cluded in the estimate of expenditures upon any other claim.

J. William Waara
(U. S. Mineral Surveyor)

Subscribed and sworn to by the said J. William Waara

U. S. Mineral Surveyor, before me J. C. Bauer

this 16

day of February, 19 37

J. C. Bauer
Notary Public

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

March 24, 1937

Acting I, Office Cadastral Engineer, at Phoenix, Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

George H. Flammer

known as the PORTA NIGRA, APACHE MAID, BOLIDE, GOLD QUARTZ, ECLIPSE, BULLION PRODUCER EXTENSION, CHAPARRAL NO. 1, CHAPARRAL NO. 2 lodes

Big Bug

Mining District Yavapai County Arizona

in Sections 17, 19, 20 Township No. 13 N., Range No. 1 E., and

designated as Survey No. 4192, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant George H. Flammer or his grantors,

and that said improvements consist of 7 shafts, 3 cuts, 3 tunnels, and 1 winze, total value \$12,730. An undivided 1-8th interest, value \$1042.50, in improvement No. 1 on the Porta Nigra lode, is credited to each of the claims in this survey.

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

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

Sherman C. Fiske Acting Office Cadastral Engineer.

**CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

March 24, 1937

Acting
I, Office Cadastral Engineer at Phoenix, Arizona,

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

George H. Flammer

_____, known as the
PORTA NIGRA, APACHE MAID, BOLIDE, GOLD QUARTZ, ECLIPSE,
BULLION PRODUCER EXTENSION, CHAPARRAL NO. 1, CHAPARRAL NO. 2 lodes

situate in Big Bug mining district,

Yavapai County, Arizona

in Sections 17, 19 & 20, Township No. 13 N., Range No. 1 E.

G. & S. R. M., designated as Survey No. 4192

executed by J. William Waara, U. S. Mineral

Surveyor, January 29 - February 22, 1937, under my instructions dated

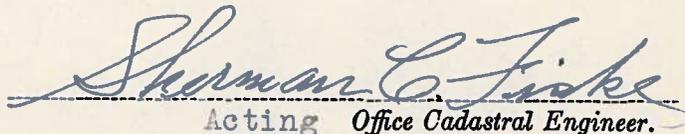
January 27 & Feb. 13, 1937, have been critically examined and the necessary

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

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.


Acting Office Cadastral Engineer.