

4-683

MINERAL SURVEY No. 3625.

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

F. L. GARLINGHOUSE,

known as the

PITTSBURG NO. 1, PITTSBURG NO. 2, PITTSBURG NO. 3, PITTSBURG NO. 4, PITTSBURG NO. 5, PITTSBURG NO. 6, PITTSBURG NO. 7, PITTSBURG NO. 8, and PITTSBURG NO. 9 Lodes,

HARCUIVAR Mining District,

YUMA County, ARIZONA,

Section 7 unsurveyed, Township 8 N., (unsur), Range 14 W., and Secs. 11, 1, and 12, T. 8 N., R. 14 W. G. & S. R. B. & M.

Surveyed under instructions dated September 4, 1919.

by C. C. Thompson U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced September 10, 1919.

Survey completed September 24, 1919.

Address of claimant's attorney, Fen S. Hildreth, Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3625.

PITTSBURG NO. 1 LODGE.

Beginning at Cor. No. 1.

Identical with Cor. No. 4 Pittsburg No. 2 lode of this survey and with the S. W. Cor and the N. W. Cor. Jennie No. 1 and Jennie No. 2 lodes respectively, both unsurveyed, claimant herein.

A rock in place 2 x 2 ft. x 2 ft. above ground, with mound of stone, chiseled 1P1-4P2-3625 and a cross at corner point,

whence,

The S. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears S. 25° 28' 50" W. 1208.42 ft.

No other bearings available.

Feet.

Thence N. 45° 05' W.

300

The south end center, being a stone monument, on line.

600

To Cor. No. 2.

Identical with Cor. No. 3 Pittsburg No. 2 lode and on line 1-2 Pittsburg No. 3 lode, both of this survey.

A post 4 ins. square 4 ft. long, set 18 ins. in the ground and surrounded by mound of earth and stone, scribed 2P1-3P2-3625.

No bearings available.

Thence N. 44° 55' E.

521.5

Cor. No. 2 Pittsburg No. 3 lode of this survey on line.

1500

To Cor. No. 3.

A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by mound of earth and stone, scribed 3P1-3625.

No bearings available.

Thence S. 45° 05' E.

300

The north end center, being a stone monument, on line.

600

To Cor. No. 4.

Identical with the N. W. Cor. Jennie No. 1 lode unsurveyed.

SURVEY NO. 3625.

| | |
|---------|---|
| Feet. | A post 4 ins. square 3 ft. long, set 18 ins. in the ground surrounded by a mound of earth and stone, scribed 4P1-3625. |
| | No bearings available. |
| | ----- Thence S. 44° 55' W. |
| 1500 | To Cor. No. 1 the place of beginning. |
| | ----- PITTSBURG NO. 2 LODE. |
| | Beginning at Cor. No. 1. |
| | Identical with the S. W. Cor. Jennie No. 2 lode unsurveyed. |
| | A post 4 ins. square 3 ft. long, set 18 ins. in the ground surrounded by a mound of earth and stone, scribed 1P2-3625, whence, |
| | The S. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears S. 86° 58' E. 540.00 ft. |
| | No other bearings available. |
| | ----- Thence N. 45° 05' W. |
| 300 | The south end center, being a stone monument, on line. |
| 600 | To Cor. No. 2. |
| | A post 4 ins. square 3 ft. long, set 18 ins. in the ground surrounded by a mound of earth and stone, scribed 2P2-3625. |
| | No bearings available. |
| | ----- Thence N. 44° 55' E. |
| 821.5 | Cor. No. 1 Pittsburg No. 5 lode of this survey on line. |
| 1365.49 | Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S. R. M., at North 1419.25 ft. from the S. W. Cor. and at South 3843.5 ft. from the N. W. Cor. said Sec. 7. |
| 1421.50 | Cor. Nos. 1-2 Pittsburg No. 3 and Pittsburg No. 5 lodes respectively, both of this survey, on line. |
| 1500 | To Cor. No. 3. |

SURVEY NO. 3625.

Feet. Identical with Cor. No. 2 Pittsburgh No. 1 lode and on line 1-2 Pittsburgh No. 3 lode, both of this survey, previously described.

Thence S. 45° 05' E.

300 The north end center, being a stone monument, on line.
600 To Cor. No. 4.

Identical with Cor. No. 1 Pittsburgh No. 1 lode of this survey and with the S. W. Cor. and the N. W. Cor. Jennie No. 1 and Jennie No. 2 lodes, both unsurveyed, previously described.

Thence S. 44° 55' W.

736.28 Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S. R. M., at North 569.39 ft. from its S. W. Cor. and at South 4693.51 ft. from the N. W. Cor. said Sec. 7.

1500 To Cor. No. 1 the place of beginning.

PITTSBURG NO. 3 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 2 Pittsburgh No. 3 lode and on line 2-3 Pittsburgh No. 2 lode both of this survey.

A post 4 ins. square 4 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 1P3-2P5-3625,

whence,

The S. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears S. 1° 33' 10" W. 1459.39 ft.

No other bearings available.

Thence N. 44° 55' E.

78.5 Cor. No. 2-3 Pittsburgh No. 1 and Pittsburgh No. 2 lodes, both of this survey, on line.

300 The east end center, being a stone monument on line.

600 To Cor. No. 2.

On line 2-3 Pittsburgh No. 1 lode of this survey.

SURVEY NO. 3625.

Feet. A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 2P3-3625.

No bearings available.

Thence N. 45° 05' W.

654.30 Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S. R. M., at North 2345.76 ft. from the S. W. Cor. and at South 2916.94 ft. from the N. W. Cor. said Sec. 7.

1500 To Cor. No. 3.

Identical with Cor. No. 4 Pittsburg No. 4 lode of this survey.

A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 3P3-4P4-3625.

No bearings available.

Thence S. 44° 55' W.

300 The west end center being a stone monument on line.

600 To Cor. No. 4.

Identical with Cor. Nos. 3-3 Pittsburg No. 4 and Pittsburg No. 5 lodes both of this survey.

A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 4P3-3P4-3P5-3625.

No bearings available.

Thence S. 45° 05' E.

1444.15 Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S. R. M., at North 1498.29 ft. from the S. W. Cor. and at South 3764.41 ft. from the N. W. Cor. said Sec. 7.

1500 To Cor. No. 1 the place of beginning.

PITTSBURG NO. 4 LODGE.

Beginning at Cor. No. 1.

A post 4 ins. square 3 ft. long, set 18 ins. in the

SURVEY NO. 3625.

Feet. ground and surrounded by a mound of earth and stone,
scribed 1P4-3625,
whence,

The N. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R.
H., bears N. 52° 48' 10" E. 2085.31 ft.

No other bearings available.

Thence S. 44°55' W.

2.83 Intersect line 3-4 Pittsburg No. 9 lode of this survey.

300 The west end center, being a stone monument, on line.

600 To Cor. No. 2.

A post 6 ins. square 3 1/2 ft. long, set 18 ins. in the
ground and surrounded by a mound of earth and stone,
scribed 2P4-3625.

No bearings available.

Thence S. 45° 05' E.

1500 To Cor. No. 3.

Identical with Cor. Nos. 4-3 Pittsburg No. 3 and
Pittsburg No. 5 lodes respectively, both of this survey,
previously described.

Thence N. 44° 55' E.

300 The east end center, being a stone monument, on line.

600 To Cor. No. 4.

Identical with Cor. No. 3 Pittsburg No. 3 lode of
this survey previously described.

Thence N. 45° 05' W.

1036.88 Intersect line 2-3 Pittsburg No. 9 lode of this survey.

1500 To Cor. No. 1 the place of beginning.

PITTSBURG NO. 5 LODE.

Beginning at Cor. No. 1.

On line 2-3 Pittsburg No. 2 lode of this survey.

A post 4 ins. square 3 ft. long, set 18 ins. in the

SURVEY NO. 3625.

Feet. ground and surrounded by a mound of earth and stone,
scribed 1P5-3625,
whence,

The S. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R.
M., bears S. 20° 22' 40" E. 1102.99 ft.

No other bearings available.

Thence N. 44° 55' E.

300 The east end center, being a stone monument, on line.
543.99 Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S.
R. M., at North 1419.25 ft. from the S. W. Cor. and at
South 3843.57 ft. from the N. W. Cor. said Sec. 7.

600 To Cor. No. 2.

Identical with Cor. No. 1 Pittsburg No. 3 lode and
on line 2-3 Pittsburg No. 2 lode both of this survey,
previously described.

Thence N. 45° 05' W.

55.85 Intersect west boundary Sec. 7, T. 8 N., R. 14 W., G. S.
R. M., at North 1498.29 ft. from the S. W. Cor. and at
South 3764.41 ft. from the N. W. Cor. said Sec. 7.

1500 To Cor. No. 3.

Identical with Cor. Nos. 4-3 Pittsburg No. 3 and
Pittsburg No. 4 lodes respectively, both of this survey,
previously described.

Thence S. 44° 55' W.

300 The west end center, being a stone monument, on line.

600 To Cor. No. 4.

A post 4 ins. square 3 ft. long, set 18 ins. in
the ground and surrounded by a mound of earth and stone,
scribed 4P5-3625.

No bearings available.

Thence S. 45° 05' E.

1500 To Cor. No. 1 the place of beginning.

SURVEY NO. 3625.

Feet.

PITTSBURG NO. 6 LODE.

Beginning at Cor. No. 1.

A stone 5 x 6 x 24 ins., set 14 ins. in the ground with mound of stone, chiseled 1P6-3625 and a cross at corner point,

whence,

The N. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears N. 89° 53' 40" E. 538.51 ft.

No other bearings available.

Thence S. 20° 51' E.

300 The east end center, being a stone monument, on line.

600 To Cor. No. 2.

Identical with Cor. No. 1 Pittsburg No. 9 lode of this survey.

A stone 6 x 10 x 28 ins., set 16 ins. in the ground with mound of stone, chiseled 2P6-1P9-3625 and a cross at corner point.

No bearings available.

Thence S. 69° 09' W.

90.65 Intersect line 2-3 Pittsburg No. 7 lode of this survey.

1500 To Cor. No. 3.

Identical with Cor. No. 4 Pittsburg No. 9 lode of this survey.

A stone 7 x 12 x 24 ins., set 12 ins. in the ground with mound of stone, chiseled 3P6-4P9-3625 and a cross at corner point.

No bearings available.

Thence N. 20° 51' W.

300 The west end center, being a stone monument, on line.

600 To Cor. No. 4.

A stone 7 x 12 x 24 ins., set 14 ins. in the ground with mound of stone, chiseled 4P6-3625 and a cross at corner point.

No bearings available.

SURVEY NO. 3625.

| | |
|--------|---|
| Feet. | No bearings available. |
| | ----- |
| | Thence N. 69° 09' E. |
| 942.35 | Intersect line 2-3 Pittsburg No. 7 lode of this survey. |
| 1500 | To Cor. No. 1 the place of beginning. |
| | ----- |
| | PITTSBURG NO. 7 LODE. |
| | Beginning at Cor. No. 1. |
| | A solid rock face 1 x 1 ft. on top of a bench 4 ft. high on south side, with mound of stone, chiseled 1P7-3625 and a cross at corner point, whence, |
| | The N. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears N. 13° 42' E. 126.2 ft. |
| | No other bearings available. |
| | ----- |
| | Thence S. 31° 15' W. |
| 300 | The east end center, being a stone monument, on line. |
| 547.52 | Intersect line 1-2 Pittsburg No. 9 lode of this survey. |
| 600 | To Cor. No. 2. |
| | A stone 10 x 12 x 24 ins., set 14 ins. in the ground, with mound of stone, chiseled 2P7-3625 and a cross at corner point. |
| | No bearings available. |
| | ----- |
| | Thence N. 58° 45' W. |
| 80.15 | Intersect line 2-3 and 4-1 Pittsburg No. 6 and Pittsburg No. 9 lodes respectively, both of this survey. |
| 840.53 | Intersect line 4-1 Pittsburg No. 6 lode of this survey. |
| 1500 | To Cor. No. 3. |
| | Identical with Cor. No. 2 Pittsburg No. 8 lode of this survey. |
| | A stone 6 x 10 x 24 ins., set 14 ins. in the ground, with mound of stone, chiseled 3P7-2P8-3625 and a cross at corner point. |
| | No bearings available. |
| | ----- |

SURVEY NO. 3625.

Feet. Thence N. 31° 15' E.
 300 The west end center, being a stone monument, on line.
 600 To Cor. No. 4.

Identical with Cor. No. 1 Pittsburg No. 8 lode of this survey.

A stone 5 x 8 x 24 ins., set 16 ins. in the ground with mound of stone, chiseled 4P7-1P8-3625 and a cross at corner point.

No bearings available.

 Thence S. 58° 45' E.

1500 To Cor. No. 1 the place of beginning.

 PITTSBURG NO. 8 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 4 Pittsburg No. 7 lode of this survey, previously described, whence,

The N. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears S. 63° 27' 30" E. 1466.89 ft.

Thence S. 31° 15' W

300 The east end center, being a stone monument, on line.
 600 To Cor. No. 2.

Identical with Cor. No. 3 Pittsburg No. 7 lode of this survey, previously described.

 Thence N. 58° 45' W.

1500 To Cor. No. 3.

A stone 10 x 12 x 28 ins., set 16 ins. in the ground with mound of stone, chiseled 3P8-3625 and a cross at corner point.

No bearings available.

 Thence N. 31° 15' E.

300 The west end center, being a stone monument, on line.
 600 To Cor. No. 4.

SURVEY NO. 3625.

| | |
|---------|---|
| Feet. | <p>A stone 5 x 12 x 24 ins., set 14 ins. in the ground with mound of stone, chiseled 4P8-3625 and a cross at corner point.</p> <p>No bearings available.</p> <p>Thence S. 58° 45' E.</p> |
| 1500 | <p>To Cor. No. 1 the place of beginning.</p> <p>-----</p> <p>PITTSBURG NO. 9 LODE.</p> <p>Beginning at Cor. No. 1.</p> <p>Identical with Cor. No. 2 Pittsburg No. 6 lode of this survey, previously described, whence,</p> <p>The N. W. Cor. Sec. 7, T. 8 N., R. 14 W., G. S. R. M., bears N. 30° 03' E. 648.93 ft.</p> <p>Cor. No. 2 Pittsburg No. 7 lode of this survey bears S. 12° 22' W. 75.6 ft.</p> <p>-----</p> <p>Thence S. 20° 51' E.</p> |
| 31.01 | <p>Intersect line 1-2 Pittsburg No. 7 lode of this survey.</p> |
| 300 | <p>The east end center, being a stone monument, on line.</p> |
| 600 | <p>To Cor. No. 2.</p> <p>A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 2P9-3625.</p> <p>No bearings available.</p> <p>-----</p> <p>Thence S. 69° 09' W.</p> |
| 1307.33 | <p>Intersect line 4-1 Pittsburg No. 4 lode of this survey.</p> |
| 1500 | <p>To Cor. No. 3.</p> <p>A post 4 ins. square 3 ft. long, set 18 ins. in the ground and surrounded by a mound of earth and stone, scribed 3P9-3625.</p> <p>No bearings available.</p> <p>-----</p> <p>Thence N. 20° 51' W.</p> |
| 300 | <p>The west end center, being a stone monument, on line.</p> |

SURVEY NO. 3625.

Feet.
 421.16 Intersect line 1-2 Pittsburg No. 4 lode of this survey.
 600 To Cor. No. 4.

Identical with Cor. No. 3 Pittsburg No. 6 lode
 of this survey previously described.

 Thence N. 69° 09' E.

1409.35 Intersect line 2-3 Pittsburg No. 7 lode of this survey.
 1500 To Cor. No. 1 the place of beginning.

 All corners of this survey are identical with the
 corners of the locations.

 Variation at all corners of this survey 14° 30' E.

 LODGE LINES.

As near as can be determined from present develop-
 ments the veins of the locations embraced in this survey
 extend as follows from their respective discovery points:

Pittsburg No. 1 lode, 125 ft. S. 44° 55' W. and
 1375 ft. N. 44° 55' E. ✓

Pittsburg No. 2 lode, 27 ft. N. 44° 55' E. and 1473
 ft. S. 44° 55' W. ✓

Pittsburg No. 3 lode, 265 ft. S. 45° 05' E. and 1235
 ft. N. 45° 05' W. ✓

Pittsburg No. 4 lode, 270 ft. S. 45° 05' E. and 1230
 ft. N. 45° 05' W. ✓

Pittsburg No. 5 lode, 750 ft. S. 45° 05' E. and 750
 ft. N. 45° 05' W. ✓

Pittsburg No. 6 lode, 65 ft. S. 69° 09' W. and 1435
 ft. N. 69° 09' E. ✓

Pittsburg No. 7 lode, 295 ft. N. 58° 45' W. and 1205
 ft. S. 58° 45' E. ✓

Pittsburg No. 8 lode, 508 ft. S. 58° 45' E. and 992
 ft. N. 58° 45' W. ✓

Pittsburg No. 9 lode, 224 ft. N. 69° 09' E. and 1276
 ft. S. 69° 09' W. ✓

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AREA.

| | | |
|---|---------|--------|
| Total area Pittsburg No. 1 lode, | 20.661 | Acres. |
| Total area Pittsburg No. 2 lode, | 20.661 | " |
| Total area Pittsburg No. 3 lode, | 20.661 | " |
| Total area Pittsburg No. 4 lode, | 20.661 | " |
| Total area Pittsburg No. 5 lode, | 20.661 | " |
| Total area Pittsburg No. 6 lode, | 20.661 | " |
| Area in conflict with Pittsburg No. 7 lode of this survey, | 4.465 | Acres. |
| Total area Pittsburg No. 7 lode, | 20.661 | " |
| Total area Pittsburg No. 8 lode, | 20.661 | " |
| Total area Pittsburg No. 9 lode, | 20.661 | " |
| Area in conflict with Pittsburg No. 7 lode of this survey, | 0.081 | Acre. |
| Area in conflict with Pittsburg No. 4 lode of this survey, | 0.946 | Acre. |
| Total area lode claim, | 185.949 | Acres. |

LOCATION.

This claim is located in Sec. 7, unsurveyed, T. 8 N., R. 14 W., G. S. R. M., and in Sec. 12 and Sec. 13, T. 8 N., R. 15 W., unsurveyed, --, G. S. R. M., Harcuvar - - - Mining District, Yuma County, Arizona.

ADJOINING CLAIMS.

This claim is joined on the southeast by the Jennie No. 1 and Jennie No. 2 lodes, both unsurveyed, claimant herein.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

Pittsburg No. 1 lode.

No. 1. An incline shaft the collar of which being the discovery point is on the center line 125 ft. from the center of line 1-2, 6 x 8 ft. running S. 43° 30' E. 320 ft. on an incline of 22°. This is an old shaft which was sunk by claimant herein prior to the date of location of this claim which, through the old shaft, has been further developed as follows: From the collar of the shaft a out 10 ft. face 5 ft. wide has been run 30 ft. in a N. 18° E. direction. From the northeast side of the shaft and at 90 ft. from the collar, a drift 4 x 6 ft. has been run N. 38° E. 20 ft. From the southwest side of the shaft and at 95 ft. from the collar, a drift 5 x 6½ ft. has been run S. 44° W. 14 ft., thence N. 36° W. 30 ft., thence N. 7° 10' E. 161 ft., thence a 4 x 6 ft. raise vertically 28 ft. to the surface.

Value of entire development of this improvement since January 1, 1912, \$2700.00

Value of an undivided one-ninth interest credited to this lode claim, \$300.00

No. 2. A shaft which from Cor. No. 1 bears N. 13° E. 422 ft., 4 x 6 ft. x 10 ft. deep.

Value \$100.00

Note: An undivided one-ninth interest in improvement No. 2 Pittsburg No. 4 lode and in improvement No. 1 Pittsburg No. 7 lode, value \$100.00 each, is also credited to this claim.

Pittsburg No. 2 lode.

No. 1. The discovery cut the face of which being the discovery point is on the center line 27 ft. from the center of line 3-4, 7 ft. face 4½ ft. wide running N. 60° W. 30 ft.

Value \$100.00

Note: An undivided one-ninth interest in each of the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2 Pittsburg No. 4 lode, value \$100.00, and No. 1 Pittsburg No. 7 lode, value \$100.00

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Pittsburg No. 3 lode.

No. 1. The discovery shaft which is on the center line 265 ft. from the center of line 1-3, 4 x 6 ft. x 8 ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2 Pittsburg No. 4 lode, value \$100.00, and No. 1 Pittsburg No. 7 lode, value \$100.00

Pittsburg No. 4 lode.

No. 1. The discovery shaft which is on the center line 270 ft. from the center of line 3-4, 4 x 6 ft. x 10 ft. deep.

Value \$100.00

No. 2. An incline shaft which from Cor. No. 3 bears N. 7° 20' W. 492 ft., 6 x 12 ft. running N. 41° E. 220 ft. on an incline of 57°. This portion of the shaft was sunk by the claimant herein prior to January 1, 1912. The developments since that time and which are credited to the present claim consist of cleaning and repairing the old shaft, at 145 ft. from the surface driving a 4 x 6 ft. drift S. 45° E. 5 ft. and a 4 x 6 ft. drift N. 45° W. 10 ft. from the southeast and northwest sides of the shaft respectively, and the sinking of the shaft to a depth of 240 ft.

Value of entire improvement since January 1, 1912, \$900.00

Value of an undivided one-ninth interest credited to this claim \$100.00

Note: An undivided one-ninth interest in the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00 and No. 1 Pittsburg No. 7 lode, value \$100.00

Pittsburg No. 5 lode.

No. 1. The discovery shaft which is on the center line 750 ft. from the center of line 1-2, 4 x 6 ft. x 10 ft. deep.

Value \$100.00

Note: An undivided one-ninth interest in the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2 Pittsburg No. 4 lode, value \$100.00, and No. 1 Pittsburg No. 7 lode, value \$100.00

Pittsburg No. 6 lode.

No. 1. The discovery shaft which is on the center line 65 ft. from the center of line 3-4, 4 x 6 ft. x 9 ft. deep.

Value \$90.00

Note: An undivided one-ninth interest in each of the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2 Pittsburg No. 4 lode, value \$100.00, and No. 1 Pittsburg No. 7 lode, value \$100.00

Pittsburg No. 7 lode.

No. 1. The discovery shaft which is on the center line 295 ft. from the center of line 3-4, 6 x 9 ft. x 34 ft. deep. At 15 ft. from the surface a drift 5 x 6½ ft. runs S. 45° E. 35 ft.

Value \$900.00

Value of an undivided one-ninth interest credited to this claim \$100.00

No. 2. A shaft which from Cor. No. 3 bears N. 88° 30' E. 472 ft., 5 x 12 ft. x 5½ ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in each of the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00 and No. 2 Pittsburg No. 4 lode, value \$100.00

Pittsburg No. 8 lode.

No. 1. The discovery shaft which is on the center line 508 ft. from the center of line 1-2, 4 x 6 ft. x 8 ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in each of the following improvements is also credited to this claim: No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2

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Pittsburg No. 4 lode, value \$100.00 and No. 1 Pittsburg No. 7 lode, value \$100.00

Pittsburg No. 9 lode.

No. 1. The discovery shaft which is on the center line 224 ft. from the center of line 1-2, 4 x 6 ft. x 10 ft. deep.

Value \$100.00

Note: An undivided one-ninth interest in each of the following improvements is also credited to this claim:

No. 1 Pittsburg No. 1 lode, value \$300.00, No. 2 Pittsburg No. 4 lode, value \$100.00 and No. 1 Pittsburg No. 7 lode, value \$100.00

While the surface of this claim is in part hilly and uneven ground it cannot be developed to advantage by any other method than by shaft sinking, drifting and crosscutting. Realizing the economy and efficiency of this method and expecting satisfactory results it is the aim of the claimant to extend improvements No. 1 Pittsburg No. 1 lode, No. 2 Pittsburg No. 4 lode and No. 1 Pittsburg No. 7 lode by further sinking, drifting and crosscutting and eventually develop his entire claim through these three openings and in time unite them all. The soundness of this aim appears to be beyond dispute and it is for this reason that an undivided one-ninth interest in the said improvements No. 1 Pittsburg No. 1 lode, No. 2 Pittsburg No. 4 lode and No. 1 Pittsburg No. 7 lode, value \$300.00, \$100.00 and \$100.00 respectively has been credited to each lode location of this claim.

OTHER IMPROVEMENTS.

A shaft which from Cor. No. 4 Pittsburg No. 3 lode bears N. 68° 15' W. 248 ft., 4 x 6 ft. x 10 ft. deep

A shaft which from Cor. No. 2 Pittsburg No. 3 lode bears S. 81° 40' W. 370 ft., 4 x 6 ft. x 4 ft. deep.

A cut the face of which from Cor. No. 1 Pittsburg No. 8 lode bears S. 65° 30' W. 310 ft., 10 ft. face

SURVEY NO. 3625.

5 ft. wide running S. 80° E. 16 ft. These "other improvements" are all claimed by claimant herein.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No. 4 transit. The courses were deflected from a meridian established by observing Polaris at elongation at Cor. No. 2 Pittsburg No. 1 lode. The distances were measured with a Lufkin 660 ft. steel tape.

REPORT.

The S. W. and N. W. corners of Sec. 7, T. 8 N., R. 14 W., G. S. R. M., are the regular iron posts adopted by the General Land Office for use on the public surveys and are properly marked.

Though I made diligent search for the quarter section corner on the west boundary of Sec. 7, T. 8 N., R. 14 W., G. S. R. M., I failed to find it.

Note: The disagreement between these field notes and the location notices is due to errors in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by C. C. Thompson

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

F. L. Garlinghouse

known as the Pittsburg No. 1, Pittsburg No. 2, Pittsburg No. 3, Pittsburg No. 4, Pittsburg No. 5, Pittsburg No. 6, Pittsburg No. 7,

Pittsburg No. 8, and Pittsburg No. 9 Lodes and showing the respective capacities in which they acted.

J. F. Vickers, Chainman.

G. A. Fick, Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. F. Vickers

and G. A. Fick, do solemnly swear that we assisted

C. C. Thompson, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of F. L. Garlinghouse

known as the Pittsburg No. 1, Pittsburg No. 2, Pittsburg No. 3, Pittsburg No. 4, Pittsburg No. 5, Pittsburg No. 6,

Pittsburg No. 7, Pittsburg No. 8, and Pittsburg No. 9, 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 instructions furnished by the United States Surveyor-General for Arizona.

J. F. Vickers, Chainman.

G. A. Fick, Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 30

day of October, 19 19.

Tom Lodson

Notary Public.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, C. C. Thompson, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 4, 1919, 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 F. L. Garlinghouse, known as the Pittsburg No. 1, Pittsburg No. 2, Pittsburg No. 3, Pittsburg No. 4, Pittsburg No. 5, Pittsburg No. 6, Pittsburg No. 7, Pittsburg No. 8, and Pittsburg No. 9, Lodes, situate in HARCUVAR Mining District, Yuma County, Arizona, in Sections 7, unsurveyed, T. 18 N., R. 14 W., and 11, 12, 1, Township No. 8 N., Range No. 15 W., G. S. R. M., and designated as Survey No. 3625, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or his grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

C. C. Thompson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said C. C. Thompson
U. S. Mineral Surveyor, before me a Notary Public
this 30
day of October, 19 19.

Tom Jackson
Notary Public.

My Commission expires March 29, 1922.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

MAR 12 1920, 191

I, U. S. Surveyor-General for 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 F. L. GARLINGHOUSE, known as the PITTSBURG NO. 1, PITTSBURG NO. 2, PITTSBURG NO. 3, PITTSBURG NO. 4, PITTSBURG NO. 5, PITTSBURG NO. 6, PITTSBURG NO. 7, PITTSBURG NO. 8, and PITTSBURG NO. 9 Lodes, situate in HARCUVAR

Mining District, YUMA County, ARIZONA.

in Section 7 unsurveyed, Township No. 8 N., Range No. 14 W., Secs. 11, 1, and 12, T. 8 N., R. 15 W. G&SRB&M, and designated as Survey No. 3625, 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 his grantors, and that said improvements consist of a cut and 11 shafts, value \$5,330.00.

As improvements Nos. 1, on the Pittsburg No. 1; 2 on the Pittsburg No. 4; and 1 on the Pittsburg No. 7 Lodes, are common improvements for the benefit and development of the nine lodes in this survey, an undivided one-ninth interest therein, - \$300.00, \$100.00, and \$100.00 respectively, is properly 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.

Frank P. Trott,

United States Surveyor-General for Arizona.

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.

MAR 12 1920, 191

I, U. S. Surveyor-General for DISTRICT OF ARIZONA.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of F. L. GARLINGHOUSE, known as the PITTSBURG NO. 1, PITTSBURG NO. 2, PITTSBURG NO. 3, PITTSBURG NO. 4, PITTSBURG NO. 5, PITTSBURG NO. 6, PITTSBURG NO. 7, PITTSBURG NO. 8, and PITTSBURG NO. 9, Lodes,

situate in HARCUVAR mining district, YUMA County, ARIZONA,

in Section 7, Township No. 8 N., Range No. 14 W. and Secs. 11, 1, and 12, T. 8 N., R. 15 W., G. & S. R. B. & M., designated as Survey No. 3625

executed by C. C. Thompson, United States Mineral Surveyor, September 10 - September 24, 1919, under my instructions dated September 4, 1919, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Handwritten signature of Frank A. Frost

U. S. Surveyor-General for Arizona.