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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4498 A & B

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

R. W. Wingfield

Known As The
Boom, Gold Shad, Clinker, Alice, El Toro, Sunny Brook and Duplex lodes;
Alice #s 1, 2 and 3, Duplex #s 1 and 2 Mill Sites.

Cherry Creek Mining District,

Yavapai County, Arizona

Sections 17, 19, 20, Township 14 N., Range 3 E.

Surveyed under order dated 1 June, 1959
and amended 8 February, 1960

by Richard L. Merritt
Mineral Surveyor.

Boom, 8/26/1889; Gold Shad and Clinker, 1/1/06; Alice and El Toro, 6/20/06;
Sunny Brook, 3/15/09; Duplex, 8/4/10.
Alice #s 1, 2 and 3, Duplex #1 and 2 Mill Sites, 5/14/59
Claim located, 19

Survey commenced November 21, 1959

Survey completed February 10, 1960

Address of claimant Joseph H. Morgan, Attorney
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

El Toro, 5/27/09 and 11/19/41

Gold Shad--February 8, 1960

Clinker --February 8, 1960

Original
Feet

This survey was made with a Burger transit, No. 17503 with horizontal limb 5-1/8 in. diam., having two double verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; a prismatic eyepiece with colored glass was attached to the eyepiece of the transit for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in the record were determined by the method of deflection angles referred to the meridian determined by direct observation on the sun:

November 21, 1959, at cor. No. 4 of the Alice lode, in latitude 34° 34' 50" N., and longitude 112° 03' 30" W., turning from a reference point on line 4-3, Alice lode, extending southwesterly to the sun.

True bearing of line 3-4, Alice lode: S. 20° 20' W.

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot, the first and last foot being graduated to tenths and hundredths; the tape was compared with a Lufkin 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 declination observed at each corner of the survey gave a uniform value of 15° 30' E.

Survey No. 4498A

Boom Lode

At cor. No. 1 of the Boom lode.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. B-1-4498A; from which

The 1/4 cor. on the north line Sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears S. 8° 23' 40" E., 379.66 ft. dist.; an iron pipe, 3/4 ins. diam., 12 ins. above ground mkd. and witnessed as described in the official record.

An oak, 14 ins. diam., bears N. 2° 24' W., 5.67 ft. dist., mkd. X B-1-4498 A - BT.

Thence S. 13° 51' W.

345.0 Center of road, bears S. 60° 30' W., and N. 60° 30' E.

1499.5 Cor. No. 2, identical with cor. No. 1 of the Gold Shad lode of this survey.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. B-2, G S-1-4498A.

Thence N. 69° 40' W.

300.0 Lode line; discovery point bears N. 13° 51' E., 749.5 ft. dist.

| CHAINS Feet | |
|----------------|--|
| 600.0 | <p>Cor. No. 3, identical with cor. No. 4 of the Gold Shad lode of this survey.</p> <p>Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. B-3-GS-4-4498A.</p> <p>Thence N. 13° 51' E.</p> |
| 690.0 | Center of road, bears S. 84° E., and S. 74° 30' W. |
| 1499.5 | <p>Cor. No. 4.</p> <p>Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. B-4-4498A.</p> <p>Thence S. 69° 40' E.</p> |
| 300.0 | Lode line; discovery point bears S. 13° 51' W., 750 ft. dist. |
| 600.0 | <p>Cor. No. 1 and place of beginning.</p> <p style="text-align: center;">Gold Shad Lode</p> <p>Beginning at cor. No. 1 of the Gold Shad lode, identical with cor. No. 2 of the Boom lode of this survey; from which</p> <p>The $\frac{1}{4}$ cor. on the north line of sec. 20, T. 14 N., R. 3 E., G&SRM, bears N. 20° 59' 10" E., 1157.06 ft. dist.</p> <p>Thence S. 5° 34' E.</p> |
| 655.3 | <p>Cor. No. 2, identical with cor. No. 3 of the Clinker lode of this sur.</p> <p>Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. GS-2-C-3-4498A.</p> <p>Thence N. 69° 40' W.</p> |
| 300.0 | Lode line; discovery point bears N. 5° 34' W., 315.3 ft. dist. |
| 600.0 | <p>Cor. No. 3, identical with cor. No. 2 of the Clinker lode and cor. No. 3 of the Alice lode of this survey.</p> <p>Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. GS-3-C-2-A-3-4498A; from which</p> <p>A pine, 14 ins. diam., bears S. 6° 47' W., 17.13 ft. dist., mkd. X-GS-3-C-2-A-3-4498A BT.</p> <p>Thence N. 5° 34' W.</p> |
| 655.3 | <p>Cor. No. 4, identical with cor. No. 3 of Boom lode of this survey.</p> <p>Thence S. 69° 40' E.</p> |
| 300.0 | Lode line; discovery point bears S. 5° 34' E., 340 ft. dist. |
| 600.0 | <p>Cor. No. 1 and place of beginning.</p> <p style="text-align: center;">Clinker Lode</p> <p>At cor. No. 1 of the Clinker lode.</p> <p>On line 3-4, Alice, and line 1-2, Sunny Brook lodes of this survey.</p> |

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Feet

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. C-1-4498A; from which

The west $\frac{1}{4}$ cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears S. 84° 18' W., 1366.36 ft. dist.; an iron pipe, $\frac{3}{4}$ ins. diam., 10 ins. above ground, mkd. and witnessed as described in the official record.

Cor. No. 2, Sunny Brook lode, identical with cor. No. 1 of the El Toro lode, both of this survey, bears N. 70° 12' E., 361.69 ft. dist.

Thence N. 20° 20' E.

1049.51 Cor. No. 2, identical with cor. No. 3, Alice lode, and cor. No. 3, Gold Shad lode, both of this survey.

Thence S. 69° 40' E.

300.0 Lode line; discovery point bears S. 20° 20' W., 500 ft. dist.

600.0 Cor. No. 3, identical with cor. No. 2 of the Gold Shad lode of this survey.

Thence S. 20° 20' W.

543.67 Intersect line 1-2, El Toro lode of this survey at a point from which cor. No. 1 bears S. 70° 12' W., 423.09 ft. dist.

604.0 Center of Cherry Creek, 30 ft. wide, course N. 78° 40' E.

1049.51 Cor. No. 4.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. C-4-4498A; from which

Cor. No. 1, El Toro lode, identical with cor. No. 2 of the Sunny Brook lode, both of this survey, bears N. 33° 53' 10" W., 398.72 ft. dist.

Thence N. 69° 40' W.

126.92 Intersect line 4-1, El Toro lode, identical with line 2-3, Sunny Brook lode, both of this survey, at a pt. from which cor. No. 1, El Toro lode, identical with cor. No. 2, Sunny Brook lode, bears N. 19° 48' W., 304.93 ft. dist.

300.0 Lode line; discovery point bears N. 20° 20' E., 549.51 ft. dist.

525.0 Center of Cherry Creek, 30 ft. wide, course N. 88° E.

600.0 Cor. No. 1 and place of beginning.

El Toro Lode

At cor. No. 1 of the El Toro lode, identical with cor. No. 2 of the Sunny Brook lode of this survey.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. E T-1, S B-2-4498A; from which

The west $\frac{1}{4}$ cor. Sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears S. 81° 21' 50" W., 1719.4 ft. dist.

| | |
|---------|--|
| | <p>Cor. No. 4 of the Clinker lode of this survey bears S. 33° 53' 10" E.; 398.72 ft. dist.</p> <p>Thence N. 70° 12' E.</p> |
| 300.00 | Lode line; discovery point bears S. 19° 48' E., 1150 ft. dist. |
| 423.09 | Intersect line 3-4, Clinker lode of this survey at a point from which cor. No. 4 bears S. 20° 20' W., 505.84 ft. dist. |
| 600.00 | Cor. No. 2. |
| | Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. E T-2-4498A. |
| | Thence S. 19° 48' E. |
| 72.00 | Center of Cherry Creek, 30 ft. wide, course N. 80° E. |
| 1500.00 | Cor. No. 3. |
| | Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. E T-3-4498A. |
| | Thence S. 70° 12' W. |
| 300.00 | Lode line; discovery point bears N. 19° 48' W., 350 ft. dist. |
| 600.00 | Cor. No. 4, identical with cor. No. 3 of the Sunny Brook lode of this survey. |
| | Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. E T-4-S B-3-4498A. |
| | Thence N. 19° 48' W. |
| 1195.07 | Intersect line 4-1 of the Clinker lode of this survey at a point from which cor. No. 4 bears S. 69° 40' E., 126.92 ft. dist. |
| 1407.00 | Center of Cherry Creek, 30 ft. wide, course N. 80° 30' E. |
| 1500.00 | Cor. No. 1 and place of beginning. |
| | SUNNY BROOK LODGE |
| | At cor. No. 1 of the Sunny Brook lode. |
| | Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. S B-1-4498A; from which |
| | The west $\frac{1}{4}$ cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears S. 87° 13' 40" W., 1136.71 ft. dist. |
| | An oak, 20 ins. diam., bears N. 19° 26' E., 28.97 ft. dist., mkd. X-S B-1-4498A-BT. |
| | Thence N. 70° 12' E. |
| 176.00 | Center of Cherry Creek, 40 ft. wide, course S. 80° 10' E. |
| 238.31 | Cor. No. 1, Clinker lode of this survey. |
| 238.31 | Intersect line 3-4, Alice lode of this survey at a point from which cor. No. 4 bears S. 20° 20' W., 450.49 ft. dist. |

Survey No. 4498 A

| Chains Feet | | Feet |
|----------------|---|------|
| 300.0 | Lode line; discovery point bears S. 19°48' E., 600 ft. dist. | |
| 600.0 | Cor. No. 2, identical with cor. No. 1 El Toro lode of this survey. Thence S. 19°48' E. | |
| 93.0 | Center of Cherry Creek, 30 ft. wide, course N. 80°30' E. | |
| 304.93 | Intersect line 4-1 Clinker lode of this survey at a point from which cor. No. 4 bears S. 69°40' E., 126.92 ft. dist | |
| 1500.0 | Cor. No. 3, identical with cor. No. 4 El Toro lode of this survey. Thence S. 70°12' W. | |
| 196.0 | Center of wash, 20 ft. wide, course N. 50° W. | |
| 300.0 | Lode line; discovery point bears N. 19°48' W., 900 ft. dist | |
| 355.0 | Center of wash, 20 ft. wide, course N. 14° W. | |
| 600.0 | Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground; mkd., S B-4-4498 A. Thence N. 19°48' W. | |
| 1217.53 | Intersect line 3-4 Alice lode of this survey at a point from which cor. No. 4 bears S. 20°20' W., 80.77 ft. dist. | |
| 1500.0 | Cor. No. 1, and place of beginning. ALICE LODGE At cor. No. 1 of the Alice lode Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-1-4498 A; from which The west 1/4 cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian bears N. 83°02'10" W., 645.21 ft. dist. Thence N. 20°20' E. | |
| 432.04 | Cor. No. 1 Sur. No. 4498 B Alice #3 Mill Site; intersect line 3-4 Duplex lode of this survey, at a point from which Cor. No. 4 bears S. 19°24' E., 730.13 ft. dist. | |
| 525.0 | Center of road, bears S. 75° E., and N. 75° W. | |
| 1224.0 | Cor. No. 4 Sur. No. 4498 B, Alice #3 Mill Site, identical with cor. No. 3, Alice #2 Mill Site. | |
| 1500.0 | Cor. No. 2, on line 2-3, Alice #2 Mill Site of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-2-4498 A. | |

Survey No. 4498 A

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| Feet | |
|---------|--|
| | Thence S. 69°40' E. |
| 300.0 | Lode line; discovery point bears S. 20°20' W., 1200 ft. dist. |
| 600.0 | Cor. No. 3, identical with cor. No. 3 Gold Shad, and Cor. No. 2 Clinker lodes of this survey. |
| | Thence S. 20°20' W. |
| 1049.51 | Cor. No. 1 Clinker lode of this survey, intersect line 1-2 Sunny Brook lode of this survey at a point from which cor. No. 1 bears S. 70°12' W., 238.31 ft. dist. |
| 1080.0 | Center of Cherry Creek, 40 ft. wide, course S. 79° E. |
| 1419.23 | Intersect line 4-1 Sunny Brook lode of this survey at a point from which cor. No. 1 bears N. 19°48' W., 282.67 ft. dist. |
| 1500.0 | Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-4-4498 A; from which Cor. No. 1 of the Sunny Brook lode of this survey bears N. 11°12'10" W., 348.34 ft. dist. Thence N. 69°40' W. |
| 195.0 | Center of wash, 5 ft. wide, course N. 6° W. |
| 240.89 | Intersect line 3-4 Duplex lode of this survey at a point from which cor. No. 4 bears S. 19°24' E., 177.33 ft. dist. |
| 275.0 | Center of Cherry Creek, 30 ft. wide, course N. 30° E. |
| 300.0 | Lode line; discovery shaft bears N. 20°20' E., 300 ft. dist. |
| 600.0 | Cor. No. 1, and place of beginning. |
| | DUPLEX LODGE |
| | At cor. No. 1 of the Duplex lode. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. D-1-4498 A; from which The west 1/4 cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian bears N. 39°34' W., 738.65 ft. dist. A pine, 18 ins. diam., bears S. 19°43' W., 36.32 ft. dist., mkd. D-1-4498 A-BT Thence N. 19°24' W. |
| 99.0 | Center of Cherry Creek, 30 ft. wide, course N. 53° E. |
| 212.0 | Cor. No. 2 Sur. No. 4498 B Duplex #1 Mill Site. |
| 1010.0 | Center of road, bears N. 53°30' E., and S. 53°30' W. |
| 1500.0 | Cor. No. 2. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. D-2-4498 A. |

Survey No. 4498 A

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| Chains Feet | |
|----------------|--|
| | Thence N. 70°36' E. |
| 300.0 | Lode line; discovery point bears S. 19°24' E., 750 ft. dist. |
| 600.0 | Cor. No. 3. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-3-4498 A. |
| | Thence S. 19°24' E. |
| 148.67 | Cor. No. 2 Sur. No. 4498 B, Alice #3 Mill Site. |
| 235.0 | Center of road, bears S. 1° W., and N. 1° E. |
| 650.0 | Center of road, bears N. 83° W., and S. 83° E. |
| 760.87 | Cor. No. 1 Sur. No. 4498 B, Alice #3 Mill Site, intersect line 1-2 Alice lode of this survey at a point from which cor. No. 1 bears S. 20°20' W., 432.04 ft. dist. |
| 1288.0 | Center of Cherry Creek, 30 ft. wide, course N. 30° E. |
| 1322.67 | Intersect line 4-1, Alice lode of this survey at a point from which cor. No. 1 bears N. 69°40' W., 359.11 ft. dist. |
| 1500.0 | Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-4-4498 A; from which Cor. No. 1, Alice lode of this survey bears N. 53°34' W. 491.74 ft. dist. |
| | Thence S. 70°36' W. |
| 300.0 | Lode line; discovery point bears N. 19°24' W., 750. ft. dist. |
| 432.0 | Center of wash, 5 ft. wide, course N. 22° E. |
| 600.0 | Cor. No. 1, and place of beginning. |

Chains
Feet

ALICE #1 MILL SITE

At cor. No. 1 of the Alice #1 Mill Site

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-1-MS-1-4498B; from which

The Northwest cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears N. $48^{\circ} 02' 30''$ W., 1018.96 ft. dist.; an iron post, 2 in. diam., 12 in. above ground, mkd. and witnessed as described in the official record.

Cor. No. 1, Sur. No. 4498A, Alice lode, bears S. $3^{\circ} 13' 50''$ W., 2040.22 ft. dist.

Thence S. $69^{\circ} 40'$ E.

600.0

Cor. No. 2.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-1-MS-2-4498B.

Thence S. $20^{\circ} 20'$ W.

50.0

Center of road, bears N. 55° E., and S. 55° W.

363.0

Cor. No. 3, identical with cor. No. 2, Alice #2 Mill Site of this survey.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-1-MS-3, A-2-MS-2, 4498B.

Thence N. $69^{\circ} 40'$ W.

230.0

Center of road, bears N. 55° E., and S. 55° W.

600.0

Cor. No. 4, identical with cor. No. 1, Alice #2 Mill Site of this survey.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-1-MS-4, A-2-MS-1, 4498B.

Thence N. $20^{\circ} 20'$ E.

363.0

Cor. No. 1, and place of beginning.

ALICE #2 MILL SITE

Beginning at cor. No. 1 of the Alice #2 Mill Site, identical with cor. No. 4, Alice #1 Mill Site of this survey; from which

The Northwest cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears N. $31^{\circ} 43' 30''$ W., 1201.1 ft. dist.

Cor. No. 1, Sur. No. 4498A, Alice lode, bears S. $0^{\circ} 22' 35''$ E., 1696.64 ft. dist.

Thence S. $69^{\circ} 40'$ E.

| Feet | |
|--------|---|
| 370.0 | Center of road, bears N. 55° E., and S. 55° W. |
| 600.0 | Cor. No. 2, identical with cor. No. 3, Alice #1 Mill Site of this survey. Thence S. 20° 20' W. |
| 87.0 | Cor. No. 2, Sur. No. 4498A, Alice lode. |
| 363.0 | Cor. No. 3, identical with cor. No. 4, Alice #3 Mill Site of this survey. On line 1-2, Sur. No. 4498A, Alice lode. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-2-MS-3, A-3-MS-4-4498B. Thence N. 69° 40' W. |
| 370.0 | Center of road, bears N. 36° E., and S. 36° W. |
| 391.93 | Cor. No. 3, Alice #3 Mill Site of this survey. |
| 600.0 | Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-2-MS-4-4498B. Thence N. 20° 20' E. |
| 363.0 | Cor. No. 1 and place of beginning. ALICE #3 MILL SITE At cor. No. 1 of the Alice #3 Mill Site. On line 1-2, Sur. No. 4498A, Alice lode. On line 3-4, Sur. No. 4498A, Duplex lode. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-3-MS-1-4498B; from which The west $\frac{1}{4}$ cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears S. 67° 32' 40" W., 855.49 ft. dist. Cor. No. 1, Sur. No. 4498A, Alice lode, bears S. 20° 20' W., 432.04 ft. dist. A pine, 14 ins. diam., bears S. 34° 19' E., 11.36 ft. dist., mkd. X-A-3-MS-1-4498 B BT. Thence N. 19° 24' W. |
| 110.87 | Center of road, bears N. 83° W., and S. 83° E. |
| 525.87 | Center of road, bears S. 1° W., and N. 1° E. |
| 612.20 | Cor. No. 2. On line 3-4, Sur. No. 4498A, Duplex lode. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the |

| Feet | |
|--------|--|
| | ground, mkd., A-3-MS-2-4498 B. Thence N. 20°20' E. |
| 89.0 | Center of road, bears N. 1° E., and S. 1° W. |
| 264.0 | Center of road, bears N. 38° E., and S. 38° W. |
| 321.16 | Cor. No. 3. On line 3-4 Alice #2 Mill Site of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. A-3-MS-3-4498 B. Thence S. 69°40' E. |
| 21.93 | Center of road, bears N. 36° E., and S. 36° W. |
| 391.93 | Cor. No. 4, identical with cor. No. 3 Alice #2 Mill Site of this survey, on line 1-2, Sur. No. 4498A, Alice lode. Thence S. 20°20' W. |
| 699.0 | Center of road, bears S. 75° E., and N. 75° W. |
| 791.96 | Cor. No. 1, and place of beginning. DUPLIX #1 MILL SITE. At cor. No. 1 of the Duplex #1 Mill Site. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. D-1-MS-1-4498 B; from which The west 1/4 cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, bears N. 6°42'50" W., 493.40 ft. dist. Cor. No. 1 Sur. No. 4498 A Duplex lode, bears S. 79°06'50" E., 420.37 ft. dist. Thence N. 70°36' E. |
| 206.0 | Center of Cherry Creek, 30 ft. wide, course S. 64° E. |
| 363.0 | Cor. No. 2. On line 1-2 Sur. No. 4498 A Duplex lode. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-1-MS-2-4498 B. Thence S. 19°24' E. |
| 113.0 | Center of Cherry Creek, 30 ft. wide, course N. 53° E. |
| 212.0 | Cor. No. 1, Sur. No. 4498 A Duplex lode. |
| 237.0 | Cor. No. 1 Duplex #2 Mill Site of this survey. |
| 373.0 | Center of wash, 5 ft. wide, course N. 50° E. |
| 600.0 | Cor. No. 3, identical with cor. No. 4 Duplex Mill Site, of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the |

Survey No. 4498 B

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| | | | |
|-------|--------------|--|----------------|
| | XXXX Feet | ground, mkd., D-1-MS-3, D-2-MS-4, 4498 B. Thence S. 70°36' W. | XXXX Feet |
| 263.0 | | Center of wash, 5 ft. wide, course N. 15° W. | 0.88 |
| 363.0 | | Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-1-MS-4-4498 B. Thence N. 19°24' W. | 0.403 0.153 |
| 600.0 | | Cor. No. 1, and place of beginning. DUPLIX #2 MILL SITE At cor. No. 1 of the Duplex #2 Mill Site. On line 2-3, Duplex #1 Mill Site of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-2-MS-1-4498 B; from which The west 1/4 cor. sec. 20, T. 14 N., R. 3 E., Gila and Salt. River Meridian, bears N. 38°55'05" W., 762.15 ft. dist. Cor. No. 1 Sur. No. 4498 A Duplex lode, bears N. 19°24' W. 25 ft. dist. Thence N. 70°36' E. | 0.13 0.128 |
| 155.0 | | Center of wash, 5 ft. wide, course N. 22° E. | 0.2 |
| 600.0 | | Cor. No. 2. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-2-MS-2-4498 B. Thence S. 19°24' E. | 0.233 |
| 40.0 | | Center of wash, 5 ft. wide, course N. 4° E. | 0.237 |
| 347.0 | | Center of wash, 5 ft. wide, course N. 29° W. | 0.237 |
| 363.0 | | Cor. No. 3. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd., D-2-MS-3-4498 B; from which A pine, 20 ins. diam., bears S. 46°57' W., 11.78 ft. dist., mkd. X-D-2-MS-3-4498 B BT. Thence S. 70°36' W. | 0.237 0.008 |
| 600.0 | | Cor. No. 4, identical with cor. No. 3 Duplex #10 Mill Site of this survey. Thence N. 19°24' W. | 0.237 |
| 227.0 | | Center of wash, 5 ft. wide, course N. 50° E. | 0.237 |
| 363.0 | | Cor. No. 1, and place of beginning. Survey No. 4498 A and B. | 0.008 |

Survey No. 4498 A and B.

Survey No. 4498 A and B.

| Feet | AREAS | Acres |
|-------|--|--------|
| | Total area, Boom lode. | 20.552 |
| | Total area, Gold Shad lode. | 8.120 |
| | Total area, Clinker lode | 14.456 |
| | Total area, El Toro lode. | 20.661 |
| | Area in conflict with Clinker lode of this survey | 2.218 |
| | Total area, Sunny Brook lode. | 20.661 |
| | Area in conflict with Clinker lode of this survey | 1.266 |
| | Alice lode of this survey | 0.773 |
| | Total area, Alice lode | 20.661 |
| | Total area, Duplex lode | 20.661 |
| | Area in conflict with Alice lode of this survey | 1.781 |
| | Total area, Alice #1 Mill Site | 5.0 |
| | Total area, Alice #2 Mill Site | 5.0 |
| | Total area, Alice #3 Mill Site. | 5.0 |
| | Total area, Duplex #1 Mill Site. | 5.0 |
| | Total area, Duplex #2 Mill Site. | 5.0 |
| | LOCATION | |
| | This survey is located in the NE 1/4 sec. 19, SW 1/4 sec. 17, NW 1/4 sec. 20, SW 1/4 sec. 20, SE 1/4 sec. 20, T. 14 N., R. 3 E., Gila and Salt River Meridian, within the Prescott National Forest, Yavapai County, Arizona. | |
| | The survey of all lodes and Mill Sites of this claim is identical with the respective location, or amended location as marked on the ground. The location monuments were rebuilt alongside at the four corners of each lode and mill-site. | |
| | EXPENDITURES | |
| | The improvements and 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 its grantors are as follows: | |
| No. 1 | The discovery point of the Boom lode is on the lode line S. 13° 51' W., 750. ft dist. from the center of line 4-1. No value. | |
| No. 2 | A shaft, the center of which bears N. 2° 30' W., 870 ft. dist., from cor. No. 2 of the Boom lode, 8 x 6 ft., 6 ft. deep. Value, \$50. | |
| No. 3 | A tunnel, 4 x 6 ft. in size, the portal of which bears S. 6° 30' E., 788 ft from cor. No. 4 of the Boom lode, and runs S. 46° 30' W., 244 ft. Value, \$2400. | |
| No. 1 | The discovery point of the Gold Shad lode is on the lode line, S. 5° 34' E., 340 ft. from the center of line 4-1. No value. | |
| No. 2 | A tunnel, 4 x 6 ft. in size, the portal of which bears S. 35° 30' E., 548 ft. from cor. No. 4 of the Gold Shad Lode, 4 x 6 ft. in size, running S. 10° W., 75 ft. Value, \$750. | |

14

| Stratum Feet | Description |
|---|--|
| 20.00 14.50 8.50 20.00 1.00 0.75 20.00 20.00 1.75 0.50 0.50 0.50 0.50 0.50 | <p>No. 3 An interest in a common improvement described as follows: A shaft, inclined $48^{\circ}30'$ from the horizontal, the center of the portal of which bears N. 40° W., 402 ft. from Cor. No. 2 of the Gold Shad lode; 4 x 5 ft., in size, running S. 85° W., 228 ft. measured on the incline. Value, \$10,500. Value of one-seventh interest, \$1,500.</p> <p>This improvement is in the course of construction for the development of the seven lodes of this survey, which are all contiguous lode claims owned in common within the range of benefit of said shaft.</p> <p>Five Hundred Dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey, subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one seventh interest in its value is hereby credited to each of said lodes.</p> <p>Except as stated above, no portion of, or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.</p> |
| 1.75 0.50 0.50 | <p>No. 4 A tunnel, 4 x 6 ft. in size, the portal of which bears S. 62° W., 248 ft. from cor. No. 1 of the Gold Shad lode, runs N. 40° E., 80 ft. Value, \$800.</p> |
| 1.75 0.50 0.50 | <p>No. 5 A tunnel, 4 x 6 ft. in size, the portal of which bears N. $61^{\circ}30'$ W., 333 ft. from cor. No. 2 of the Gold Shad lode, runs N. 16° E., 30 ft. Value, \$300.</p> |
| 1.75 0.50 0.50 | <p>No. 1 The discovery point of the Clinker lode is on the lode line S. $20^{\circ}20'$ W., 500 ft. from the center of line 2 - 3. No value.</p> |
| 1.75 0.50 0.50 | <p>No. 2 A shaft, inclined 44° from the horizontal, the center of which bears S. $48^{\circ}45'$ E., 320 ft. from cor. No. 2 of the Clinker lode, 4 x 6 ft., running N. 65° W., 50 ft., measured on the incline. Value, \$2500.</p> |
| 1.75 0.50 0.50 | <p>No. 3 A shaft, inclined 35° from the horizontal, the portal of which bears N. $76^{\circ}30'$ W., 315 ft.; from cor. No. 3 of the Clinker lode, runs S. 20° E., 61 ft. measured on the incline. Value, \$5000.</p> |
| 1.75 0.50 0.50 | <p>No. 4 A shaft, inclined $49^{\circ}30'$ from the horizontal, the center of which bears S. $64^{\circ}30'$ E., 280 ft. from cor. No. 2 of the Clinker lode, 4 x 6 ft., running S. 82° W., 200 ft., measured on the incline. Value, \$20,000.</p> |
| 1.75 0.50 0.50 | <p>No. 1 The discovery point of the El Toro lode is on the lode line, N. $19^{\circ}48'$ W., 350 ft. from the center of line 3 - 4. No value.</p> |
| 1.75 0.50 0.50 | <p>No. 2 A trench, the west end of which bears S. 33° E., 768 ft. from cor. No. 1 of the El Toro lode, 6 ft. wide, 3 ft. deep, running N. 70° E., 15 ft. Value, \$40.</p> |

Corner
Feet

- No. 1 The discovery point of the Sunny Brook lode is on the lode line S. 19°48' E., 600 ft. from the center of line 1 - 2.
No value.
- No. 2 A tunnel, 4 x 6 ft. in size, the portal of which bears S. 56°18' E., 448 ft. from cor. No. 1 of the Sunny Brook lode runs S. 15° E., 100 ft.
Value, \$1,000.
- No. 1 The discovery shaft of the Alice lode, the center of which being the discovery point, is on the lode line N. 20°20' E. 300 ft. from the center of line 4 - 1, 8 x 8 ft., 5 ft. deep.
Value, \$50.
- No. 1 The discovery point of the Duplex lode is on the lode line, S. 19°24' E., 750 ft. from the center of line 2 - 3.
No value.
- No. 2 A shaft, the center of which bears S. 0°40' W., 850 ft. from cor. No. 3 of the Duplex lode, 4 x 6 ft., 5 ft. deep.
Value, \$50.

OTHER IMPROVEMENTS

A galvanized iron house, the southeast Cor. of which bears N. 42°30' W., 100 ft. from cor. No. 4 of the Alice lode, 18 x 50 ft., the long sides bear N. 80° W.
Claimant herein.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

None

FIELD ASSISTANTS

| Name | Capacity |
|--------------|----------|
| J. B. Sarvis | Chainman |
| Keith Bunn | Chainman |

| Chains | xxxx Feet |
|--|--------------|
| The discovery point of the Sunny Brook lode is on the lode line 2. 19 48' E., 600 ft. from the center of line 1 - 2. No value. | No. 1 |
| A tunnel, 4 x 6 ft. in size, the portal of which bears S. 58 18' E., 248 ft. from cor. No. 1 of the Sunny Brook lode runs S. 15. W., 100 ft. Value, \$1,000. | No. 2 |
| The discovery shaft of the Alice lode, the center of which being the discovery point, is on the lode line 1. 20 30' E., 300 ft. from the center of line 4 - 1, 8 x 8 ft., 5 ft. deep. Value, \$50. | No. 1 |
| The discovery point of the Duplex lode is on the lode line 2. 19 24' E., 780 ft. from the center of line 2 - 3. No value. | No. 1 |
| A shaft, the center of which bears S. 0 40' W., 850 ft. from cor. No. 3 of the Duplex lode, 4 x 6 ft., 5 ft. deep. Value, \$50. | No. 2 |
| OTHER IMPROVEMENTS | |
| A galvanized iron house, the southeast cor. of which bears N. 42 30' W., 100 ft. from cor. No. 4 of the Alice lode, 18 x 30 ft., the long sides bear N. 30' W. Claimant herein. | |
| OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA | |
| None | |
| FIELD ASSISTANTS | |
| Capacity | Name |
| Chainman | J. E. Survis |
| Chainman | Kath Bern |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

22 January, 19 60

I, Richard L. Merritt,
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the cadastral
engineer's office, at Phoenix, Arizona

dated 1 June 1959 & amended 2-8-60, I have faithfully and correctly executed the survey of
the mining claim of R. W. Wingfield,
Boom, Gold, Shad, Clinker, Alice, El Toro, Sunny Brook and Duplex
known as the lodes: Alice #s 1, 2 and 3, Duplex #s 1 and 2 Mill Sites.
(Lode, placer, or mill site)
situate in sections 17, 19 and 20.

T. 14 N, R. 3 E, G. & S. R. Meridian, Arizona, and
(State)

designated as Survey No. 4498 A & B, which is represented in the foregoing field notes as having been
executed by me and under my direction, and that said survey has been made in strict conformity with said order,
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode location(s) embraced in the said mining claim by
(Lode or placer)

claimant(s) or his grantors are fully stated in my report therein, and that the character,
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

Prescott, Arizona
(Place)

Richard L. Merritt
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office
(Office)

Phoenix, Arizona April 21, 19 60
(Place) (Date)

The foregoing field notes of mineral survey No. 4498 A&B, in Sections 17, 19 and
20, T. 14 North, R. 3 East, Gila & Salt River Meridian,
Arizona, executed by Richard L. Merritt, Mineral Surveyor,
(State)

under order dated June 1, 1959 & amended 2-8-60, having been critically examined and the necessary
corrections made prior to their certification by the surveyor, the field notes and the survey therein described
are hereby approved.

Lester S. Mann
Lester S. Mann

Office Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

(Title)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 100
1-2-50

CERTIFICATE OF SURVEYOR

28 January 1950

I, Richard J. Vetter, Surveyor, do hereby certify that in pursuance of an order received from the Agricultural Experiment Station, Phoenix, Arizona, I have faithfully and correctly executed the survey of

the miscellanea of N. W. Windmill, known as the "Lodge", Alice #1 and #2, Tracts #1 and #2, in Sections 17, 18 and 20,

Yuma County, Arizona, which is recorded in the foregoing field notes as having been executed by me and which said survey has been made in conformity with the plan of survey for the survey of the Public Land of the United States, and in the specific manner described in the foregoing field notes, and I do further certify that the survey executed and approved as herein stated is a true and correct copy of the original field notes as the same were made and approved as herein stated.

Richard J. Vetter, Surveyor, Yuma County, Arizona

CERTIFICATE OF APPROVAL

I, the Surveyor General of the State of Arizona, do hereby approve the foregoing field notes of Richard J. Vetter, Surveyor, Yuma County, Arizona, in and to the above described land, and I do further certify that the survey executed and approved as herein stated is a true and correct copy of the original field notes as the same were made and approved as herein stated.

Richard J. Vetter, Surveyor, Yuma County, Arizona

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of field notes of the above described mineral survey is a true copy of the original field notes.

Richard J. Vetter, Surveyor, Yuma County, Arizona