

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4581

State

Arizona

Land District

Arizona

FIELD NOTES

Of the Survey of the Mining Claim of (Name & address of Claimant)

Clarence Keese
P. O. Box 1632
Longview, Texas

Known as the (Name of group, if any)

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

| NAME OF LOCATION | DATE | |
|--------------------|----------|---------|
| | LOCATED | AMENDED |
| Sunset # (1) | 7/1/55 | |
| Sunset #4 Fraction | 6/27/58 | |
| Sunset #5 | 11/21/55 | |
| Consolation No. 1 | 6/26/57 | 8/17/58 |
| Consolation #2 | 6/27/58 | |

| | | | |
|-----------------------------------|-----------------------------------|---|--|
| Mining District Mineral Creek | | County Pinal | Section 12 & 13 |
| Township 3 S. | Range 13 E. | Meridian G. & S. R. B. & M | Surveyed under order dated Sept. 28, 1961 |
| Survey commenced Oct. 28, 1961 | Survey completed Nov. 24, 1961 | Name of Mineral Surveyor Harvey W. Smith | |

FIELD NOTES

1
Date
Location
Page 1 of 1

| DATE | DESCRIPTION |
|----------|-------------|
| 1958 | |
| 8/21/58 | |
| 10/12/58 | |
| 11/12/58 | |
| 12/12/58 | |

County of ... State of ...
Approved and dated this 1st day of ... 1958
Special Agent in Charge

SUR. NO. 4581

1

x Chains

Feet

This survey was made with a K. & E. transit, No. 51591, with horizontal limb 5.5 ins. diam.; having two double opposite verniers and full vertical circle 4.5 ins. diam., having one double vernier, the verniers read to one minute of arc; the instrument is equipped with a colored eye-shade to be attached for making direct observations on the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of horizontal-angles-right referred to the meridian established by direct observation on the sun. At 10:00 A. M. on Nov. 4, 1961 at Cor. No. 1 of the Sunset #1 lode, latitude $33^{\circ}11'29''$ North, longitude $110^{\circ}57'58''$ West, turning from a reference pt. about 600 ft. south clockwise to the sun in a southeast direction.

True bearing of reference pt.
S. $0^{\circ}31'$ W.

The lines were measured with a Lufkin steel tape, 300 ft. in length graduated every ft. for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was compared to a standard at the beginning of the survey and found to be 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 $13^{\circ}00'$ East.

SURVEY NO. 4581

CONSOLATION #2 LODE

At Cor. No. 1 of the Consolation #2 lode, identical with Cor. No. 1 of the Consolation No. 1 lode of this survey.

Set a galvanized iron post, $3/4$ in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C21 C1 1 X; from which

The $1/4$ Cor. of secs. 12 & 13, T.3 S., R.13E., G.&S.R.B.&M., bears N. $46^{\circ}44'E.$, 129.10 ft. dist.; an iron post with a brass cap, 12 ins. above ground, firmly set and properly mkd. as described in the official record.

A mound of stones constructed adjacent to the iron post.

Thence N. $0^{\circ}31'$ E.

- 140.0 Unimproved dirt road bears N. $75^{\circ}E.$ and S. $75^{\circ}W.$
 160.0 Left bank local drainage, 40 ft. wide, course, S. $65^{\circ}W.$
 279.90 Lode line, discovery pt. bears N. $88^{\circ}36'50'' E.$, 800 ft. dist.
 460.0 Left bank local drainage, 40 ft. wide, course, S. $65^{\circ} W.$

| Chain Feet | Description |
|---------------|--|
| 597.90 | <p>Cor. No. 2, identical with Cor. No. 1 of the Sunset #(1) lode of this survey.</p> <p>Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C2 2 S1 1 X; from which</p> <p>The 1/4 Cor. of secs. 12 & 13, T. 3 S., R. 13 E., G. & S. R. B. & M., bears S. 90° 52' 10" E., 517.05 ft. dist.; previously described.</p> <p>Cor. No. 4, Sur. No. 4404, Diabase No. 5 lode, bears N. 0° 46' E., 400.33 ft. dist.; identical with Cor. No. 1, Sur. No. 4404, Diabase No. 2 lode.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N. 88° 36' 50" E.</p> |
| 1.40 | Intersect line 4-1, Sur. No. 4404, Diabase No. 5 lode at a pt. from which Cor. No. 4 bears N. 0° 34' E., 400.29 ft. dist. |
| 175.0 | Unimproved dirt road bears N. 30° W., S. 3° E. and S. 10° W. |
| 1500.0 | <p>Cor. No. 3 identical with Cor. No. 4 of the Sunset #(1) lode of this survey.</p> <p>Set a galvanized iron post 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C2 3 S1 4 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 0° 31' W.</p> |
| 300.0 | Lode line; discovery pt. bears S. 88° 36' 50" W., 700.0 ft. dist. |
| 600.0 | <p>Cor. No. 4 identical with Cor. No. 2 of the Consolation No. 1 lode of this survey.</p> <p>Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C2 4 C1 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 88° 41' 40" W.</p> |
| 1404.92 | Unimproved dirt road bears S. 50° W. and N. 50° E. |
| 1499.05 | Intersect line 4-1, Sur. No. 4404, Diabase No. 5 lode at a pt. from which Cor. No. 1 bears S. 0° 34' W., 498.91 ft. dist. |
| 1499.92 | Cor. No. 1 and the place of beginning. |

SURVEY NO. 4581

| Chains Feet | CONSOLATION NO. 1 |
|----------------|---|
| | Beginning at Cor. No. 1 of the Consolation No. 1 lode identical with Cor. No. 1 of the Consolation #2 lode of this survey; previously described. |
| | Thence N. $88^{\circ}41'40''$ E. |
| 0.87 | Intersect line 4-1, Sur. No. 4404, Diabase No. 5 lode at a pt. from which Cor. No. 1 bears S. $0^{\circ}34'$ W., 498.91 ft. dist. |
| 95.0 | Unimproved dirt road bears S. 50° W. and N. 50° E. |
| 1499.92 | Cor. No. 2 identical with Cor. No. 4 of the Consolation #2 lode of this survey; previously described. |
| | Thence S. $0^{\circ}31'$ W. |
| 300.0 | Lode line; discovery pt. bears S. $88^{\circ}41'40''$ W., 974.92 ft. dist. |
| 575.71 | Intersect the line running from the NW to the NE Cors. of the Copper Ace No. 4 lode (unsurveyed) at a pt. from which the NW Cor. bears N. $88^{\circ}22'20''$ W., 459.03 ft. dist. |
| 600.0 | Cor. No. 3 |
| | Set a galvanized iron post $3/4$ in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C1 3 X; from which |
| | The NW Cor. of the Copper Ace No. 4 lode (unsurveyed) bears N. $85^{\circ}20'50''$ W., 460.14 ft. dist.; identical with the NE Cor. of the Copper Ace No. 2 lode, (unsurveyed). |
| | A mound of stones constructed adjacent to the iron post. |
| | Thence S. $88^{\circ}44'10''$ W. |
| 460.08 | Intersect the line running from the NW to the SW Cors. of the Copper Ace No. 4 lode, (unsurveyed) at a pt. from which the NW Cor. bears N. $1^{\circ}37'40''$ E., 47.50 ft. dist.; identical with the NE to the SE line of the Copper No. 2 lode (unsurveyed). |
| 908.43 | Intersect the line running from the NW to the SW Cors. of the Copper Ace No. 2 lode, (unsurveyed) at a pt. from which the NW Cor. bears N. $1^{\circ}37'40''$ E., 70.13 ft. dist.; identical with the NE to the SE line of the Copper Ace No. 1 lode, (unsurveyed). |
| 1240.0 | Left bank local drainage; 25 ft. wide, course S. 24° W. |
| 1499.88 | Cor. No. 4 |
| | Set a galvanized iron post, $3/4$ in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 C1 4 X; from which |

x Chains
Feet

- The NW Cor. of the Copper Ace No. 2 lode (unsurveyed) bears N. $82^{\circ}01'20''$ E., 599.11 ft. dist.; identical with the NE Cor. of the Copper Ace No. 1 lode (unsurveyed).
- Cor. No. 1, Sur. No. 4404, Diabase No. 8 lode, bears N. $0^{\circ}45'$ E., 100.0 ft. dist.; identical with Cor. No. 1, Sur. No. 4404, Diabase No. 5 lode and the NW Cor. of the Copper Ace No. 1 lode, (unsurveyed).
- A mound of stones constructed adjacent to the iron post.
- Thence N. $0^{\circ}31'$ E.
- 77.40 Intersect line 1-2, Sur. No. 4404, Diabase No. 8 lode at a pt. from which Cor. No. 1 bears N. $1^{\circ}33'20''$ E., 22.60 ft. dist.; common with the line bet. the NW. and SW. cors. of the Copper Ace No. 1 lode (unsur.)
- 99.99 Intersect line 4-1, Sur. No. 4404, Diabase No. 8 lode at a pt. from which Cor. No. 1 bears N. $89^{\circ}04'$ E., 0.41 ft. dist.; identical with line 1-2, Sur. No. 4404, Diabase No. 5 lode and Cor. No. 1 of the Diabase No. 5 lode respectively.
- 298.89 Lode line; discovery pt. bears N. $88^{\circ}41'40''$ E., 525 ft. dist.
- 598.89 Cor. No. 1 and the place of beginning.

SUNSET #(1) LODGE

- Beginning at Cor. No. 1 of the Sunset #(1) lode, identical with Cor. No. 2 of the Consolation #2 lode of this survey; previously described.
- Thence N. $0^{\circ}46'$ E.
- 150.0 Unimproved dirt road bears S. 40° E. and N. 25° W.
- 190.0 Unimproved dirt road bears N. 20° E. and S. 20° W.
- 300.0 Lode line; discovery pt. bears N. $88^{\circ}36'50''$ E., 200 ft. dist.
- 400.33 Cor. No. 4, Sur. No. 4404, Diabase No. 5 lode identical with Cor. No. 1, Sur. No. 4404, Diabase No. 2 lode.
- 576.18 Witness pt. for Cor. No. 2 identical with Cor. No. 1 of the Sunset #4 Fraction lode of this survey, on line 4-1, Sur. No. 4404, Diabase No. 2 lode.
- Set a galvanized iron post, $3/4$ in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam. firmly fastened to the iron post, mkd. MS 4581 S1 2 S4 1 WC X; from which
- A mound of stones constructed adjacent to the iron post.

SURVEY NO. 4581

5

XChainsX

Feet

600.0

1397.50

1500.0

1500.0

300.0

600.0

1325.0

1498.60

1500.0

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1500.0

300.0

600.0

Cor. No. 2 identical with Cor. No. 1 of the Sunset #4 Fraction lode of this survey; on line 4-1, Sur. No. 4404, Diabase No. 2 lode.

This Cor. falls on the left bank of a local drainage 100 ft. wide, course S. 60° W., where a permanent marker would soon be obliterated; from this pt. the 1/4 Cor. of secs. 12 & 13, T. 3 S., R. 13 E., G. & S. R. B. & M. bears S. 4° 09' 20" E., 1112.28 ft. dist.; previously described.

Thence N. 88° 36' 50" E.

200.0 Unimproved road bears S. 40° W. and N. 50° E.

1397.50 Cor. No. 4 of the Sunset #4 Fraction lode of this survey.

1500.0 Cor. No. 3

Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 S1 3 X; from which

A mound of stones constructed adjacent to the iron post.

Thence S. 0° 46' W.

300.0 Lode line; discovery pt. bears S. 88° 36' 50" W., 1300 ft. dist.

600.0 Cor. No. 4 identical with Cor. No. 3 of the Consolation #2 lode of this survey; previously described.

Thence S. 88° 36' 50" W.

1325.0 Unimproved road bears N. 30° W., S. 3° E., and S. 10° W.

1498.60 Intersect line 4-1, Sur. No. 4404, Diabase No. 5 lode at a pt. from which Cor. No. 4 bears N. 0° 34' E., 400.29 ft. dist.

1500.0 Cor. No. 1 and the place of beginning.

SUNSET #4 FRACTION LODE

Beginning at Cor. No. 1 of the Sunset #4 Fraction lode identical with Cor. No. 2 of the Sunset #1 lode of this survey, on line 4-1, Sur. No. 4404, Diabase No. 2 lode; previously described.

Thence N. 0° 46' E.

300.0 Lode line; discovery pt. bears N. 88° 36' 50" E., 320 ft. dist.

600.0 Cor. No. 2 identical with Cor. No. 1 of the Sunset #5 lode of this survey, on line 4-1, Sur. No. 4404, Diabase No. 2 lode.

| Chains Feet | |
|----------------|---|
| | Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS. 4581 S4 2 S5 1 X; from which |
| | The 1/4 Cor. of secs. 12 & 13, T. 3S., R. 13 E., G. & S. R. B. & M., bears S. 2° 25' 50" E., 1710.84 ft. dist.; previously described. |
| | A mound of stones constructed adjacent to the iron post. |
| | Thence N. 88° 36' 50" E. |
| 165.0 | Unimproved road bears S. 33° W. and N. 40° E. |
| 1397.5 | Cor. No. 3 identical with Cor. No. 3 of the Sunset #5 lode of this survey. |
| | Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS 4581 S4 3 S5 3 X; from which |
| | A mound of stones constructed adjacent to the iron post. |
| | Thence S. 0° 46' W. |
| 300.0 | Lode line of the Sunset #5 lode of this survey; discovery pt. bears N. 67° 49' 30" W.; 450 ft. dist. |
| 300.0 | Lode line; discovery pt. bears S. 88° 36' 50" W., 1077.50 ft. dist. |
| 600.0 | Cor. No. 4 identical with Cor. No. 4 of the Sunset #5 lode of this survey, on line 2-3 of the Sunset #(1) lode of this survey. |
| | Set a galvanized iron post, 3/4 in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS. 4581 S4 4 S5 4 X; from which |
| | A mound of stones constructed adjacent to the iron post. |
| | Thence S. 88° 36' 50" W. |
| 1197.50 | Unimproved road bears S. 40° W. and N. 50° E. |
| 1397.50 | Cor. No. 1 and the place of beginning. |

SUNSET #5 LODE

Beginning at Cor. No. 1 identical with Cor. No. 2 of the Sunset #4 Fraction lode of this survey, on line 4-1, Sur. No. 4404, Diabase No. 2 lode; previously described.

Thence N. 0° 46' E.

SURVEY NO. 4581

7

| Chains Feet | |
|----------------|--|
| 300.0 | Lode line; discovery pt. bears S. $67^{\circ}49'30''$ E., 1050 ft. dist. |
| 440.0 | Left bank local drainage; 120 ft. wide, course West. |
| 600.0 | Cor. No. 2 on line 4-1, Sur. No. 4404, Diabase No. 2 lode. Set a galvanized iron post, $\frac{3}{4}$ in. diam., 24 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 3 ins. diam., firmly fastened to the iron post, mkd. MS. 4581 S5 2 X; from which Cor. No. 4, Sur. No. 4404, Diabase No. 2 lode, bears N. $0^{\circ}46'$ E., 99.50 ft. dist. A mound of stones constructed adjacent to the iron post. Thence S. $67^{\circ}49'30''$ E. |
| 175.0 | Right bank local drainage; 100 ft. wide, course, West. |
| 1500.0 | Cor. No. 3 identical with Cor. No. 3 of the Sunset #4 Fraction lode of this survey; previously described. Thence S. $0^{\circ}46'$ W. |
| 300.0 | Lode line; discovery pt. bears N. $67^{\circ}49'30''$ W., 450 ft. dist. |
| 300.0 | Lode line of the Sunset #4 Fraction lode of this survey; the discovery pt. bears S. $88^{\circ}36'50''$ W., 1077.50 ft. dist. |
| 600.0 | Cor. No. 4 identical with Cor. No. 4 of the Sunset #4 Fraction lode and on line 2-3 of the Sunset #(1) lode, both of this survey; previously described. Thence N. $67^{\circ}49'30''$ W. |
| 1365.0 | Unimproved road bears S. 33° W. and N. 33° E. |
| 1500.0 | Cor. No. 1 and the place of beginning. |

SURVEY NO. 4581

AREAS

| | Acres |
|------------------------------------|--------|
| Total area Consolation No. 1 lode | 20.630 |
| Area in conflict with | |
| Sur. No. 4404, Diabase No. 5 lode | 0.007 |
| Sur. No. 4404, Diabase No. 8 lode | 0.000 |
| Copper Ace No. 1 lode (unsurveyed) | 1.156 |
| Copper Ace No. 2 lode (unsurveyed) | 0.605 |
| Copper Ace No. 4 lode (unsurveyed) | 0.378 |
| Total area Consolation #2 lode | 20.614 |
| Area in conflict with | |
| Sur. No. 4404, Diabase No. 5 lode | 0.016 |
| Total area Sunset #(1) lode | 20.647 |
| Area in conflict with | |
| Sur. No. 4404, Diabase No. 5 lode | 0.006 |
| Total area Sunset #4 Fraction lode | 19.236 |
| Area in conflict with | |
| Sunset #5 lode of this survey | 9.618 |
| Total area Sunset #5 lode | 19.236 |

Chains
Feet

LOCATION

This survey is located in the SW $\frac{1}{4}$ & SE $\frac{1}{4}$ of Sec. 12, NE $\frac{1}{4}$ & NW $\frac{1}{4}$ of Sec. 13, T. 3 S., R. 13 E., G. & S. R. B. & M.

The survey of the Consolation No. 1, Consolation #2, Sunset #(1), Sunset #4 Fraction and Sunset #5 lodes is identical with the respective location or amended location as marked on the ground.

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 pt. of the Consolation No. 1 lode is on the lode line 525 ft. from a pt. on line 4-1, 298.89 ft. from Cor. No. 4. | Value, None |
| No. 2 | A cut, the NW cor. of which bears S. 57° E., 450 ft. from Cor. No. 1 of the Consolation No. 1 lode; 30 ft. wide running N. 45° E., 60 ft., the face at the SE Cor. is 20 ft. high. | Value, \$1500. |
| No. 3 | A cut, the NE Cor. of which bears S. 32° E., 500 ft. dist. from Cor. No. 1 of the Consolation No. 1 lode; 12 ft. wide, 3½ ft. average depth and running S. 60° W., 120 ft. | Value, \$250. |
| No. 1 | The discovery pt. of the Consolation #2 lode is on the lode line 800 ft. from a pt. on line 1-2, 297.90 ft. from Cor. No. 1. | Value, None |
| No. 2 | An adit with a shaft at its portal, the portal bears N. 69°30' E., 930 ft. dist. from Cor. No. 1 of the Consolation #2 lode; the adit is 4x5½ ft. in size and runs S. 10° W., 30 ft. The shaft is 6x8 ft. in size, 20 ft. deep, untimbered. | Value, \$2000. |
| No. 3 | A cut, the SW Cor. of which bears N. 74°30' E., 767 ft. dist. from Cor. No. 1 of the Consolation #2 lode; 12 ft. wide, 4 ft. average depth and running N. 25° E., 100 ft. | Value, \$800. |
| No. 4 | An adit, the portal of which bears N. 63°30' E., 520 ft. dist. from Cor. No. 1 of the Consolation #2 lode; 4x6 ft. in size and running S. 65° E., 30 ft. | Value, \$600. |
| No. 5 | An adit, the portal of which bears N. 63°30' E., 505 ft. dist. from Cor. No. 1 of the Consolation #2 lode; 4x6 ft. in size, and running S. 32° E., 35 ft. | Value, \$700. |
| No. 6 | A cut, the SW Cor. of which bears N. 77°30' E., 1510 ft. dist. from Cor. No. 1 of the Consolation #2 lode; 4 ft. wide, 5' deep at the face, running east, 10 ft. | Value, \$100. |
| No. 1 | The discovery pt. of the Sunset #(1) lode is on the lode line 200 ft. from a pt. on line 1-2, 300 ft. from Cor. No. 1. | Value, None |

Chains
Feet

- No. 1 The discovery cut of the Sunset #4 Fraction lode is on the lode line 320 ft. from a pt. on line 1-2, 300.0 ft. from Cor. No. 1; 7 ft. wide, $6\frac{1}{2}$ ft. deep at the face and running N. 50° E., 14 ft.
Value, \$250.
- No. 1 The discovery cut of the Sunset #5 lode is on the lode line, 450 ft. from a pt. on line 3-4, 300.0 ft. from Cor. No. 3; a cut 12 ft. wide, 6 ft. average depth and running S. 80° W., 260 ft. At a pt. 70 ft. from the NE end, a leg branches S. 50° W., 90 ft.; 10 ft. wide, $3\frac{1}{2}$ ft. average depth.
Value \$2000.
- No. 2 A cut, the NW Cor. of which bears S. $5^{\circ}30'$ E., 305 ft. dist. from Cor. No. 2 of the Sunset #5 lode, 5 ft. wide, 7 ft. deep at the face and running south, 12 ft.
Value, \$250.

An interest in a common improvement described as follows:

A drilling program to develop mineralization on these claims. Drilling completed at the time of the survey is as follows:

1. Diamond drill hole #S1 bears S. 58° E., 465 ft. dist. from Cor. No. 1 of the Consolation No. 1 lode; depth 1,537 ft.
2. Diamond drill hole #S2 bears N. 62° E., 510 ft. dist. from Cor. No. 1 of the Consolation #2 lode; depth 100 ft.
3. Diamond drill hole #S3 bears N. $51^{\circ}30'$ E., 325 ft. dist. from Cor. No. 1 of the Sunset #(1) lode; depth, 100 ft.
4. Diamond drill hole #S4 bears N. $77^{\circ}30'$ E., 305 ft. dist. from Cor. No. 1 of the Sunset #4 Fraction lode; depth 100 ft.
5. Diamond drill hole #S5 bears N. $77^{\circ}30'$ E., 230 ft. dist. from Cor. No. 1 of the Sunset #5 lode; depth 100 ft.

Value of the combined drilling program:

\$12,485.00

Value of one-fifth interest:

\$ 2,496.60

Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of each lode of the survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, one-fifth interest in its value is hereby credited to each of the said lodes.

No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

xChains
Feet

OTHER IMPROVEMENTS

A frame house, the SW Cor. of which bears N. 7° E., 170 ft. dist from Cor. No. 1 of the Sunset #1 lode; 20x22 ft., the long sides bear S. 75° E. Claimant herein.

OTHER CORNER DESCRIPTIONS
AND SUPPLEMENTAL DATA

Sur. No. 4404, Diabase No. 2 lode; Cors. Nos. 1 & 4 are iron posts, $1\frac{3}{4}$ in. diam., 24 ins. above ground firmly set, properly marked and witnessed as described in the official record. Cor. No. 1 is identical with Cor. No. 4, Sur. No. 4404, Diabase No. 5 lode. Line 4-1 was found to be S. $0^{\circ}46'$ W., 1499.17 ft. instead of S. $0^{\circ}48'30''$ W.; 1500 ft. as approved. Lines 3-4 and 1-2 are shown approved. Line 1-2 is common with line 3-4, Sur. No. 4404, Diabase No. 5 lode. From Cor. No. 1 the $\frac{1}{4}$ Cor. of secs. 12 & 13 bears S. $5^{\circ}13'40''$ E., 913.49 ft. dist. instead of S. $6^{\circ}21'30''$ E., 919.30 ft. as approved.

Sur. No. 4404 Diabase No. 5 lode: Cor. No. 1 is an iron post, $1\frac{3}{4}$ ins. diam., 24 ins. above ground, firmly set, properly marked and witnessed as described in the official record; identical with Cor. No. 1, Sur. No. 4404; Diabase No. 8 lode. Cor. No. 4 identical with Cor. No. 1, Sur. No. 4404, Diabase No. 2 lode, described above. Line 4-1 was found to be S. $0^{\circ}34'$ W., 1497.11 ft. instead of S. $0^{\circ}33'10''$ W., 1495.77 ft. as approved. Line 3-4 and 1-2 shown as approved. From Cor. No. 1 the $\frac{1}{4}$ Cor. of secs. 12 & 13 bears N. $9^{\circ}28'40''$ E., 595.52 ft. dist. instead of N. $11^{\circ}17'50''$ E., 593.57 ft. as approved.

Sur. No. 4404, Diabase No. 8 lode: Cor. No. 1 identical with Cor. No. 1, Sur. No. 4404 Diabase No. 5 lode, described above. Lines 4-1 and 1-2 shown as approved.

Copper Ace No. 1, (unsurveyed): The NW Cor. is identical with Cor. No. 1, Sur. No. 4404 Diabase No. 5 lode described above. The NE Cor., identical with the NW Cor. of Copper Ace No. 2 lode (unsurveyed) is a mound of stones with a $\frac{1}{2}$ in. square wooden stake in the center. The line from the NW to the NE Cors. was found to be S. $88^{\circ}22'20''$ E., 592.24 ft. The west side line of the claim is common with line 1-2, Sur. No. 4404, Diabase No. 8 lode, described above. The east side line, common with the west side line of the Copper Ace No. 2 lode, (unsurveyed), is shown as S. $1^{\circ}37'40''$ W., based on a rectangular claim description.

Copper Ace No. 2 lode (unsurveyed): The NW Cor. is identical with the NE corner of Copper Ace No. 1 lode (unsurveyed, described above. The NE Cor. identical with the NW Cor. of Copper Ace No. 4 lode (unsurveyed), is a mound of stones with a $\frac{1}{2}$ in. square wooden stake in the center. The line between the NW and the NE Cors. was found to be S. $88^{\circ}22'20''$ E., 447.78 ft. The west side line, common with the east side line of Copper Ace No. 1 lode, (unsurveyed), described above. The east side line, common with

~~x~~Chains
Feet

the west side line of Copper Ace No. 4 lode, (unsurveyed), is shown as S. $1^{\circ}37'40''$ W., based on a rectangular claim description.

Copper Ace No. 4 lode, (unsurveyed): The NW cor. is identical with the NE Cor. of the Copper Ace No. 2 lode, (unsurveyed), described above. The west side line, common with the east side line of the Copper Ace No. 2 lode, (unsurveyed), described above. The north end line is shown as S. $88^{\circ}22'20''$ E. and was determined between the NW Cor. and the N. center end pt.

FIELD ASSISTANTS

| Name | Capacity |
|-----------|-----------------|
| Lde Crane | Chainman-Axeman |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

June 15, 1962

I, Harvey W. Smith,
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
 _____ Cadastral Engineer _____, at Phoenix, Arizona
 dated Sept. 28, 1961, I have faithfully and correctly executed the survey of
 the mining claim of Clarence Keese
 known as the Sunset #1, Sunset #4 Fraction, Sunset #5, Consolation No. 1 and
 (Lode, placer, or mill site) Consolation #2 lodes.
 situate in Mineral Creek Mining District, Pinal County, Secs. 12 & 13
 T. 3 S., R. 13 E., G. & S. R. G. & Meridian, Arizona, and
 (State)
 designated as Survey No. 4581, 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.

Scottsdale, Arizona
(Place)

Harvey W. Smith
 (Mineral Surveyor)
 Harvey W. Smith

CERTIFICATE OF APPROVAL

Bureau of Land Management, State Office
 (Office)
Phoenix, Arizona October 10, 1962
 (Place) (Date)

The foregoing field notes of mineral survey No. 4581, in Mineral Creek Mining District
S½ Sec. 12, N½ Sec. 13, T. 3 S., R. 13 E., G. & S. R. Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
 (State)
 under order dated September 28, 1961, 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.

Raymond C. Cleghorn
 Raymond C. Cleghorn
 Acting State Director
 (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)

