

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4450

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Robert D. Miller and Ruth L. Miller

Known As The

Gold Nugget and the Forty-Niner lodes

Superstition Mining District,

Maricopa County, Arizona

Section 30, Township 2 North, Range 9 East, G. & S.R.M. (unsurveyed)

Surveyed under order dated April 7, 1958

by Harvey W. Smith
Mineral Surveyor.

Claim located Gold Nugget lode, March 22 1949
Forty-Niner lode, August 8, 1949

Survey commenced April 19, 1958

Survey completed May 10, 1958

Address of claimant Hale C. Tognoni
725 First National Bank Bldg.
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Survey No. 4450

~~Chains~~
Feet

This survey was made with a C. L. Berger & Sons transit, No. 15045, with horizontal limb $6\frac{1}{2}$ ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc. A colored lense was adopted 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 this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

May 8, 1958, at Cor. No. 1 of the Gold Nugget lode, in latitude $33^{\circ} 28.8' N.$ and longitude $111^{\circ} 28.16' W.$, I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from a reference point about one mile southeastward to the sun.

Local standard time of observation,
105th meridian standard time -9:34 A.M.

Declination of sun, Greenwich apparent
noon on day of observation May 8, 1958 - $17^{\circ} 01' 24.1'' N.$

Mean observed vertical angle to sun's center - $48^{\circ} 45' 30''$

Mean horizontal angle from reference point
to sun's center - $306^{\circ} 14' 55''$

True bearing to reference point -S. $23^{\circ} 32' E.$

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was new at the beginning of the survey and guaranteed to be accurate.

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 $15^{\circ} 0' E.$

Survey No. 4450

GOLD NUGGET LODGE

At Cor. No. 1 of the Gold Nugget lode.

Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 GN 1 X and pinned to the post with a $\frac{3}{16}$ in. brass rod; from which

The cor. of secs. 1, 6, 31 and 36, Ts. 1 and 2 N., Rs. 8 and 9 E., G. & S.R.M., bears S. $11^{\circ} 43' W.$, 6135.23 ft. dist., an iron post, 2 ins. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

The NE. cor. of a house bears W., 76 ft. dist.

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~~0.00~~
Feet

	<p>A cor. of the location bears S. 12° W., 24 ft. dist.</p> <p>A mound of stone constructed adjacent to iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence N. 12° 51' E.</p>
929.0	Dirt road, bears N. 45° W.
1499.19	Cor. No. 2
	<p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 GN 2 X and pinned to the post with a 3/16 in. brass rod; from which</p> <p>A cor. of the location bears N. 12° 21' E., 149.75 ft. dist.</p> <p>An igneous rock knob, 300 ft. high, bears N. 70° W., 1800 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence N. 70° 51' W.</p>
12.22	Cor. No. 1, the Forty-Niner lode of this survey.
300.0	Lode line, discovery monument bears S. 12° 51' W., 749.19 ft. dist. N. center end post of this location bears N. 12° W., 37 ft. dist.
599.64	Cor. No. 3, identical with Cor. No. 4 of the Forty-Niner lode of this survey.
	<p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 GN 3 FN 4 X and pinned to the post with a 3/16 in. brass rod; from which</p> <p>An igneous rock knob; 300 ft. high, bears N. 70° W., 1200 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence S. 10° 44' W.</p>
1506.36	Cor. No. 4.
	<p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 GN 4 X and pinned to the post with a 3/16 in. brass rod; from which</p> <p>An igneous rock knob, 300 ft. high, bears N. 8° W., 800 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p>

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<p>XXXXXX Feet</p> <p>243.70</p> <p>543.70</p>	<p>Thence S. 70° 51' E. ...</p> <p>Lode line, discovery monument bears N. 12° 51' E., 750 ft. dist. S. center end monument of this location bears S. 19° W., 45 ft. dist.</p> <p>Cor. No. 1 and place of beginning.</p>
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THE FORTY-NINER LODE

<p>142.0</p> <p>995.0</p> <p>1495.16</p> <p>300.0</p> <p>595.29</p>	<p>Beginning at Cor. No. 1 of the Forty-Niner lode...</p> <p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 FN 1 X and pinned to the post with a 3/16 in. brass rod; from which</p> <p>The cor. of secs. 1, 6, 31 and 36, Ts. 1 and 2 N., Rs. 8 and 9 E., previously described, bears S. 11° 51' W., 7,635.75 ft. dist.</p> <p>A cor. of the location bears S. 17° W., 140 ft. dist.</p> <p>Cor. No. 2, Gold Nugget lode of this survey bears S. 70° 51' E., 12.22 ft. dist.</p> <p>An igneous rock knob, 300 ft. high, bears N. 70° W., 1800 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence N. 17° 15' E.</p> <p>Dirt road bears N. 15° W., ...</p> <p>Dirt road bears N. 65° W. ...</p> <p>Cor. No. 2. ...</p> <p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 FN 2 X and pinned to the post with a 3/16 in. brass rod; from which</p> <p>An igneous rock knob, 500 ft. high with a sheer bluff shoulder on E. side, bears N. 18° W., 2500 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence N. 70° 51' W. ...</p> <p>Lode line, location monument bears S. 17° 15' W.; 1100 ft. dist. Local drainage bears N. 25° E. N. center end monument bears N. 27° E., 28 ft. dist.</p> <p>Cor. No. 3.</p> <p>Set a galvanized iron post, 20 ins. long, 1 in. diam., in a 10 in. concrete base, 10 ins. in the ground, with a copper cap, 1 in. diam., mkd. MS 4450 FN 3 X and pinned to the post with a 3/16 in. brass rod; from which</p>
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<p>Chas. Feet</p>	<p>An igneous rock knob, 500 ft. high with a sheer bluff shoulder on the E. side, bears N., 2000 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence S. 16° 57' W.</p>
<p>350.0</p>	<p>Dirt road bears N. 65° W.</p>
<p>1495.44</p>	<p>Cor. No. 4, identical with Cor. No. 3 of the Gold Nugget lode of this survey, previously described.</p> <p>A cor. of the location bears S. 29° W., 42 ft. dist.</p> <p>Thence S. 70° 51' E.</p>
<p>387.43</p>	<p>Lode line, discovery monument bears N. 17° 15' E., 395.16 ft. dist.</p> <p>S. center end monument of this location bears S. 22° W., 140 ft. dist.</p>
<p>587.43</p>	<p>Cor. No. 1 and place of beginning.</p>

AREAS

	Acres
Total area, Gold Nugget lode	19.556
Total area, Forty Niner lode	20.287

LOCATION

This survey is located in the SW $\frac{1}{4}$ and S $\frac{1}{2}$ of the NW $\frac{1}{4}$ of sec. 30, T. 2 N., R. 9 E., G. & S. R. B. & M. (unsurveyed)

The survey is wholly within the locations as marked on the ground. Cors. Nos. 3 and 4 of the Gold Nugget lode are identical with corners of the location. Cors. Nos. 1 and 2 differ to the extent previously shown. Cor. No. 2 of the Forty-Niner lode is identical with the corner of the location. Cors. Nos. 1, 3, and 4 differ to the extent previously shown.

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 shaft and trench of the Gold Nugget lode are located N. 8° 30' E., 800 ft. dist. from Cor. No. 1. The inclined shaft, 4x6 ft., 10 ft. deep was deeper at one time, but is presently filled to a depth of 10 ft. This is the original working. The adjacent trench bears S. 48° W., 12 ft. wide and 100 ft. long, Average depth is 3 $\frac{1}{2}$ ft.
Value, \$350
- No. 2 A pit, 8x10 ft., 7 ft. deep, bears N. 4° E., 620 ft. dist. from Cor. No. 1 of the Gold Nugget lode.
Value \$100

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SINKS

- No. 3. Two trenches on the Gold Nugget lode bear S. 64° W., 350 ft. dist. from Cor. No. 2.
- One trench bears S. 80° E., 60 ft. long, 12 ft. wide and 2½ ft. average depth.
- At the center of the first trench, a second trench bears S., 50 ft. long, 4 ft. wide and one ft. deep.
- Value, \$75
- No. 4. Three trenches on the Gold Nugget lode bear N. 20° W., 450 ft. dist., from Cor. No. 1.
- Trench No. 1 bears N. 25° E., 75 ft. long, 12 ft. wide and 1½ ft. deep.
- Trench No. 2 at S. end of trench No. 1 bears S. 80° W., 40 ft. long, 6 ft. wide, 1 ft. deep.
- Trench No. 3 is located N., 45 ft. dist. from trench No. 1. It bears S. 75° E., 40 ft. long, 6 ft. wide, 1 ft. deep.
- Value \$75
- No. 1. The discovery shaft of the Forty-Niner lode bears N. 16° W., 400 ft. dist. from Cor. No. 1. The shaft is 4x5 ft., 5 ft. deep.
- Value \$40
- No. 2. An inclined shaft, not timbered, 4x6 ft., 35 ft. deep and inclined at an angle of 53° bears N. 8° 30' W., 350 ft. dist. from Cor. No. 1 of the Forty-Niner lode.
- Value \$700
- No. 3. An inclined shaft, not timbered, partially filled with muck, inclined at an angle of 30° bears N. 1° E., 795 ft. dist. from Cor. No. 1. Original shaft probably 5x6 ft. in cross-section and 50 ft. deep.
- Value, \$1000

OTHER IMPROVEMENTS

A frame house, 32x20 ft. in size, the SW. cor. of which bears N. 35° E., 310 ft. dist. from the location monument of the Gold Nugget lode.

Dirt road constructed from highway to both locations.

Prospect pits on both lode locations:

1. Shaft, 3x4½ ft., 5 ft. deep, bears S. 71° E., 145 ft. dist. from Cor. No. 4, Gold Nugget lode.
2. Shaft, 3x5 ft., 3½ ft. deep, bears S. 20° E., 160 ft. dist. from the location monument of the Gold Nugget lode.
3. Trench, 12x7 ft., 2 ft. deep, situate at SW. cor. of discovery trench of Gold Nugget lode.
4. Trench, 4x10 ft., 4 ft. deep, bears due S., 140 ft. dist. from location monument at the Forty-Niner lode.
5. Trench, 3x8 ft., 2 ft. deep, bears due S., 160 ft. dist. from location monument of the Forty-Niner lode.

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6. Trench, 5x8 ft., 6 ft. deep, bears N. 10° E., 210 ft. dist. from Cor. No. 1, Forty-Niner lode.

The original locations of these claims were never surveyed and a layman in making the location undoubtedly was not precise in his measurements of bearings and distances. Consequently the claims were laid out larger than allowed and were overlapping. These errors were resolved by making the claims the proper length and making a common end line between the two locations.

FIELD ASSISTANTS

Troy E. Sheets
James De Paoli

Chainman
Axeman

SUPPLEMENTAL DATA

The longitude and latitude of the common corner to secs. 1, 6, 31, 36, Ts. 1 and 2 N., Rs. 8 and 9 E., was determined from the U.S.G.S. Florence quadrangle which was surveyed in 1900.

OTHER IMPROVEMENTS

A stone house, 32x20 ft. in size, the SW. corner of which bears N. 35° E., 210 ft. dist. from the location monument of the Gold Nugget lode.

Dist. measured from highway to both locations.

Prospect pits on both lode locations:

1. Shaft, 1x2 ft., 2 ft. deep, bears S. 71° E., 125 ft. dist. from Cor. No. 1, Gold Nugget lode.

2. Shaft, 2x2 ft., 3 ft. deep, bears S. 20° E., 150 ft. dist. from the location monument of the Gold Nugget lode.

3. Trench, 1x7 ft., 2 ft. deep, situated at SW. corner of discovery trench of Gold Nugget lode.

4. Trench, 6x10 ft., 4 ft. deep, bears S. 20° E., 140 ft. dist. from location monument at the Forty-Niner lode.

5. Trench, 3x3 ft., 2 ft. deep, bears S. 20° E., 150 ft. dist. from location monument of the Forty-Niner lode.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

October 13, 1958

I, Harvey W. Smith

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____

Office of Cadastral Engineer, at Phoenix, Arizona

dated April 7, 1958, I have faithfully and correctly executed the survey of

the mining claim of Robert D. Miller and Ruth L. Miller,

known as the Gold Nugget and the Forty-Niner lodes
(Lode, placer, or mill site)

situate in Superstition Mining District, Maricopa County, Section 30,

T. 2 North, R. 9 East, Gila and Salt River Meridian, Arizona, and
(State)

designated as Survey No. 4450, 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 _____ 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.

Phoenix, Arizona
(Place)

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

CERTIFICATE OF APPROVAL

Bureau of Land Management Survey Office
(Office)

Phoenix, Arizona March 11, 1959
(Place) (Date)

The foregoing field notes of mineral survey No. 4450, in Superstition Mining District,
Maricopa Cty., Sec. 30, T. 2 N., R. 9 E., Gila & Salt River Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
(State)

under order dated April 7, 1959, 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.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)
BUREAU OF LAND MANAGEMENT M.S. 4450
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Gold Nugget and The Forty Niner lodes, Mineral Survey No. 4450, located in section 30, Township 2 North, Range 9 East, Gila and Salt River Meridian, Arizona, are hereby canceled.

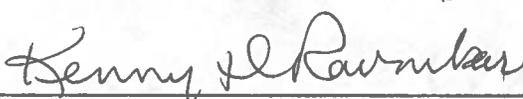
These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Gold Nugget and The Forty Niner lodes, M.S. 4450 were canceled April 13, 1999, by memo 9605 (952) M.S. 4450, which is now a part of the original field notes."

April 13, 1999
Date



Chief Cadastral Surveyor of Arizona

