

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. ....4539 Amd.....

.....Arizona..... Land District.

**FIELD NOTES**

Of The Survey Of The Mining Claim Of

.....R.E. Beecroft.....

Known As The

.....Rough Hill #1 lode.....

.....Long Valley..... Mining District,

.....Coconino..... County, Arizona.....

Section .....30....., Township 14 N....., Range 10 E. G.& S.R.M.

Surveyed under order dated .....28 Feb....., 1961.....

by ..Richard L. Merritt.....  
Mineral Surveyor.

Claim located .....20 September....., 1958.....

Survey commenced .....1 March....., 1961.....

Survey completed .....8 March....., 1961.....

Address of claimant Joseph H. Morgan, Atty.,

Phoenix, Arizona

DATES OF AMENDED LOCATIONS

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.....  
.....



CHAIN  
Feet

This survey was made with a Burger transit No. 17503, with horizontal limb 5 1/8 ins. in diameter, 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 methods of deflection angles referred to the meridian determined by direct observation upon the sun.

August 12, 1960, at a point on line 1-2, 250 ft. N. 44° 33' E. from Cor. No. 1 of the Rough Hill #1 lode, in latitude 34° 33' 30" N., and longitude 111° 20' 40" W., turning from Cor. No. 2 of the Rough Hill #1 lode to the sun.

True bearing of line 1-2, Rough Hill #1 lode - N. 44° 33' E.

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° E.

The above was accomplished while making Survey No. 4539.

ROUGH HILL #1 LODE

Beginning at Cor. No. 1 of the Rough Hill #1 lode.

An iron pipe, 2 ft. long, 1 in. diam., set 18 ins. in the ground, mkd. RH 1-1-4539; from which

The southeast cor., sec. 25, T. 14 N., R. 9 E., Gila and Salt River Meridian, bears S. 52° 07' 50" E., 182.47 ft. dist.

An iron pipe, 2 ins. diam., 12 ins. above ground, mkd. and witnessed as described in the official record.

A pine, 24 ins. diam., bears S. 77° 50' W., 41.82 ft. dist., mkd. X-RH 1-1-4539 BT.

Thence N. 44° 33' E.

204.69 Intersect east line of Sec. 25, T. 14 N., R. 9 E., Gila and Salt River Meridian at a point from which the SE. cor. of Sec. 25 bears S. 0° 06' E., 257.88 ft. dist.

1454.79 Cor. No. 2.

An iron pipe, 2 ft. long, 1 in. diam., set 18 ins. in the ground, mkd. RH 1-2-4539; from which

A pine, 24 ins. diam., bears N. 20° 03' E., 17.19 ft. dist., mkd. X-RH 1-2-4539 BT.

Thence S. 45° 27' E.

300.0 Lode line; from which

Obvious  
Feet

Cor. No. 3, Sur. No. 4291, Psilomelane No. 1 lode, bears  
N. 54° 45' 40" E., 63.19 ft. dist. Discovery point bears  
S. 44° 33' W., 730 ft. dist.

600.0 Cor. No. 3.

An iron pipe, 2 ft. long, 1 in. diam., set 18 ins. in the ground,  
mkd. PH 1-3-4539; from which

A pine, 24 ins. diam., bears N. 12° 45' W., 13 ft. dist., mkd.  
X-RH 1-3-4539 BT.

Thence S. 44° 33' W.

1021.32 Intersect the south line, Sec. 30, T. 14 N., R. 10 E., Gila and Salt  
River Meridian at a point from which the southwest cor. of Sec. 30  
bears west, 587.63 ft. dist.

1154.79 Cor. No. 4.

A sandstone, 24 x 12 x 3 ins., set 13 ins. in the ground, mkd.  
X-RH 1-4-4539; from which

A pine, 13 ins. diam., bears S. 63° 45' W., 13 ft. dist.,  
mkd. X-RH 1-4-4539 BT.

Thence N. 45° 27' W.

300.0 Lode line; discovery point bears N. 44° 33' E., 724.79 ft. dist.

397.87 Intersect the west line, Sec. 31, T. 14 N., R. 10 E., Gila and Salt  
River Meridian at a point from which the NW. cor. of Sec. 31 bears  
north, 29.79 ft. dist.

440.22 Intersect the north line, Sec. 36, T. 14 N., R. 9 E., Gila and Salt  
River Meridian, at a point from which the NE. cor. of Sec. 36 bears  
N. 89° 51' E., 30.18 ft. dist.

600.0 Cor. No. 1 and place of beginning.

AREAS

	Acres
Total area Rough Hill #1 lode . . . . .	20.0384
Area in conflict with	
The NW $\frac{1}{4}$ Sec. 31, T. 14 N., R. 10 E., G. & S.R.M. . . . .	2.1806
The NE $\frac{1}{4}$ Sec. 36, T. 14 N., R. 9 E., G. & S.R.M. . . . .	0.0103
The SE $\frac{1}{4}$ Sec. 25, T. 14 N., R. 9 E., G. & S.R.M. . . . .	0.4648

LOCATION

This survey is located in the NE  $\frac{1}{4}$  Sec. 36, SE  $\frac{1}{4}$  Sec. 25, T. 14 N.,  
R. 9 E., and the SW  $\frac{1}{4}$  Sec. 30, NW  $\frac{1}{4}$  Sec. 31, T. 14 N., R. 10 E. of  
the Gila and Salt River Meridian, within the Coconino National  
Forest, Coconino County, Arizona.

The survey of the Rough Hill #1 lode is identical with the respec-  
tive location or amended location as marked on the ground. The  
location monuments at the four corners of the lode were rebuilt  
alongside.

Chains  
Feet

## EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant or his grantors are as follows:

- No. 1 The discovery point of the Rough Hill #1 lode is on the lode line, S.44°33' W., 730. ft dist. from the center of line 2-3.
- No. 2 A trench, the northwest end of which bears N.68°40' E., 475 ft. from cor. No. 1 of the Rough Hill #1 lode, 20 ft. wide, 8 ft. deep, running S.45° E., 110 ft.  
Value, \$900.
- No. 3 A trench, the north end of which bears N.68°40' E., 475 ft. from cor. No. 1 of the Rough Hill #1 lode, 20 ft. wide, 8 ft. deep, running S.35° W., 150 ft.  
Value, \$1350.
- No. 4 A shaft, the center of which bears S.73°20' W., 575 ft. from cor. No. 3 of the Rough Hill #1 lode, 7 x 7 ft., 8 ft. deep.  
Value, \$75.
- No. 5 A shaft, the center of which bears S.20°10' W., 575 ft. from cor. No. 2 of the Rough Hill #1 lode, 5 ft. diam., 22 ft. deep.  
Value, \$200.
- No. 6 A trench, the northeast end of which bears S.25°10' W., 582 ft. from cor. No. 2 of the Rough Hill #1 lode, 30 ft. wide, 10 ft. deep, running S.50° W., 60 ft.  
Value, \$2000.
- No. 7 A trench, the south end of which bears S.44°33' W., 500 ft. from the center of line 2 - 3 of the Rough Hill #1 lode, 18 ft. wide, 8 ft. deep. running N.35° W. 40 ft.  
Value, \$300.

## OTHER IMPROVEMENTS

None

## OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 4291 Psilomelane No. 1 lode, cor. No. 3 is a sandstone firmly set and properly marked.

## FIELD ASSISTANTS

Name	Capacity
W. J. Cheek	Chairman
Keith Bunn	Chairman

*Richard L. Merritt*

Richard L. Merritt  
Mineral Surveyor

Mar. 8<sup>th</sup> 1961

Chains

Foot

The measurements and the value of the chains are given in this table. The bearings of the lines are given in degrees and minutes. The bearings of the lines are given in degrees and minutes.

No. 1. The bearing of the line is 120° 15' 00". The distance is 1000 feet.

No. 2. The bearing of the line is 135° 00' 00". The distance is 1000 feet.

No. 3. The bearing of the line is 150° 00' 00". The distance is 1000 feet.

No. 4. The bearing of the line is 165° 00' 00". The distance is 1000 feet.

No. 5. The bearing of the line is 180° 00' 00". The distance is 1000 feet.

No. 6. The bearing of the line is 195° 00' 00". The distance is 1000 feet.

No. 7. The bearing of the line is 210° 00' 00". The distance is 1000 feet.

OTHER INFORMATION

None

ADDITIONAL DATA

The bearings of the lines are given in degrees and minutes. The bearings of the lines are given in degrees and minutes.

FIELD NOTES

The bearings of the lines are given in degrees and minutes. The bearings of the lines are given in degrees and minutes.

*[Handwritten signature]*  
Surveyor  
1917

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

8 March, 19 61

I, Richard L. Merritt,

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

Office Cadastral Engineer, at Phoenix, Arizona

dated 28 February 1961, I have faithfully and correctly executed the survey of

the mining claim of R. F. Beecroft,

known as the Rough Hill #1 lode

(Lode, placer, or mill site)

situate in Southwest Quarter sec. 30

T. 14 N., R. 10 E. Gila and Salt River Meridian, Arizona, and  
(State)

designated as Survey No. 4539 Amd., 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

\_\_\_\_\_  
(Office)

\_\_\_\_\_  
(Place)

\_\_\_\_\_, 19\_\_\_\_\_  
(Date)

The foregoing field notes of mineral survey No. \_\_\_\_\_, in \_\_\_\_\_

\_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_, \_\_\_\_\_ Meridian,

\_\_\_\_\_, executed by \_\_\_\_\_, Mineral Surveyor,  
(State)

under order dated \_\_\_\_\_, 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.

\_\_\_\_\_  
(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)

