

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4529

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Reuben S. Hamaker and Lillian M. Hamaker

Known As The

Blue Bird No. 1 Lode

Superstition Mining District,

Pinal County, Arizona

Section 1, Township 1N, Range 8E G. & S. R. B. & M.

Surveyed under order dated May 25, 1960

by Harvey W. Smith
Mineral Surveyor.

Claim located May 23, 1944

Survey commenced July 1, 1960

Survey completed July 4, 1960

Address of claimant Apache Junction, Arizona

Box 2740 Rt. #1

DATES OF AMENDED LOCATIONS

April 12, 1946

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 08:23 AM on July 4, 1960 at Cor. No. 1 of the Blue Bird No. 1 lode; latitude 33° 27' 21" North, longitude 111° 29' West, turning from a reference pt. about one mile southeast clockwise to the sun in a northeast direction. True bearing of reference pt. S. 69° 36' 15" E.

The lines were measured with a Lufkin steel tape, 300 ft. in length and graduated every foot 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 14° 05' East.

SURVEY NO. 4529

BLUE BIRD NO. 1 LODE
At Cor. No. 1 of the Blue Bird No. 1 lode.

Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base, 18 ins. in the ground with a brass cap, 2 ins. diam., firmly fastened within the iron post, marked MST 4529 BB1 1 X; from which

The cor. of secs. 1, 6, 31 and 36, Tps. 1 & 2 N., R. 8 & 9 E., G. & S. R. B. & M. bears N. 47° 24' 35" E., 4, 156.65 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

The pt. for Cor. No. 2, Sur. No. 3886, Montezuma lode, bears N. 13° 17' 05" W., 0.74 ft. dist.

The pt. for Cor. No. 1, Sur. No. 3886, Hot Stuff lode, bears S. 13° 42' 10" E., 216.78 ft. dist.

The pt. for Cor. No. 38, Sur. No. 1130, Montezuma lode on line 23-24, Sur. No. 1130, Mammoth No. 2 lode bears S. 13° 42' E., 228.81 ft. dist.

Chains Feet	
	A post, 4x4 ins., 4 ft. above ground, set adjacent to the iron post.
4.92	Intersect line 2-3, Sur. No. 3886, Montezuma lode, from which the point for Cor. No. 2 bears N.13°42'W., 5.66 ft. dist.
216.78	Intersect line 1-2, Sur. No. 3886, Hot Stuff lode, at a pt. from which the point for Cor. No. 1 bears S.76°48'W., 0.23 ft. dist.
216.87	Intersect line 4-1, Sur. No. 3886, Mammoth No. 2 lode at a pt. from which Cor. No. 1, identical with Cor. No. 4, Sur. No. 3886, Mammoth lode bears N.83°20'W., 554.05 ft. dist.
228.90	Intersect line 23-24, Sur. No. 1130, Mammoth No. 2 lode at a pt. from which the pt. for Cor. No. 24, identical with Cor. No. 23, Sur. No. 1130, Mammoth lode, bears N.83°20'W., 558.27 ft. dist.
1469.40	Intersect line 3-4, Sur. No. 3886, Hot Stuff lode, at a pt. from which Cor. No. 4 bears S.76°48'W., 1.58 ft.
1482.81	Cor. No. 2

Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base, 18 ins. in the ground with a brass cap, 12 ins. diam., firmly fastened within the iron post, mkd. MS 4529 BB1 2 X; from which

The pt. for Cor. No. 4, Sur. No. 3886, Hot Stuff lode, bears N.20°28'20"W., 13.52 ft. dist.

The pt. for Cor. No. 39, Sur. No. 1130, Montezuma lode bears N.13°52'50"W., 507.50 ft. dist.

The pt. for Cor. No. 3, Sur. No. 3886, Montezuma lode bears N.14°09'40"W., 198.66 ft. dist.

The pt. for Cor. No. 4, Sur. No. 3886, Hot Stuff lode bears N.20°28'20"W., 13.52 ft. dist.

A wooden post, 4x4 ins. 4 ft. above ground set adjacent to the iron post.

Thence S.76°52'15"W.

SURVEY NO. 4529

(3)

Chains Feet	
300.0	Lode line; discovery pt. bears N.13°45'45"W., 972.81 ft. dist.
600.0	Cor. No. 3
	Set a galvanized iron post 3/4 in. diam. to 30 ins. long, in a 15 pound concrete and rock base, 18 ins. in the ground with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4529 BBl 3 X; from which
	A wooden post, 4x4 ins., 4 ft. above ground set adjacent to the iron post.
	Thence N.13°45'45"W.
197.90	Intersect line 3-4, Sur. No. 3886, Montezuma lode at a pt. from which the point for Cor. No. 3 bears N.76°48'E., 598.6 ft. dist.
723.95	Intersect line 39-40, Sur. No. 1130, Montezuma lode at a pt. from which the point for Cor. No. 39 bears S.83°20'E., 639.12 ft. dist.
1278.0	Center line Apache Trail Highway bears N.45°E. and S.45°W.
1470.75	Intersect line 27-28, Sur. No. 1130, Mammoth lode at a pt. from which the pt. for Cor. No. 28 bears S.83°20'E., 81.97 ft. dist.
1482.81	Cor. No. 4 identical with Cor. No. 1, Sur. No. 3886, Montezuma lode and Cor. No. 1, Sur. No. 3886, Nettie lode, on line 2-3, Sur. No. 1134, Old Wasp lode; and on line 4-1, Sur. No. 3886, Mammoth lode. Found a wooden post, 4x4 ins., 2 ft. above ground mkd. 3886 N1. M1.
	Replace wooden post with an iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 3886 4529 N1. 4 X; from which
	Cor. No. 4, Sur. No. 3886, Mammoth lode identical with Cor. No. 1, Sur. No. 3886, Mammoth No. 2 lode, bears S.83°20'E., 86.19 ft. dist.
	The point for Cor. No. 2, Sur. No. 1134, Old Wasp lode bears N.13°42'W., 26.78 ft. dist.
	Set a wooden post 4x4 ins., 2 ft. above ground adjacent to the iron post.
	Thence N.76°52'15"E.
	Intersect line 3-4, Sur. No. 3886, Mammoth lode identical with line 1-2, Sur. No. 3886, Mammoth No. 2 lode, identical with line 28-25, Sur. No. 1130 Mammoth lode, identical with line 24-21, Sur. No. 1130, Mammoth No. 2 lode

SURVEY NO. 4529

(4)

Chains Feet	Description
	at a pt. from which Cor. No.4, Sur. No.3886 Mammoth lode identical with Cor. No.1, Sur. No.3886, Mammoth No.2 lode bears S.6°43'W., 31.03 ft. dist. and the pt. for Cor. No.28, Sur. No.1130, Mammoth lode; identical with the pt. for Cor. No.24, Sur. No.1130, Mammoth No.2. lode bears S.6°43'W., 42.33 ft. dist.
300.0	Lode line; discovery pt. bears S.13°45'45"E., 510 ft. dist.
343.24	Center line Apache Trail Highway bears N.45°E. and S.45°W.
600.0	Cor. No.1 and place of beginning.

AREAS

Description	Acres
Total area Blue Bird No.1 lode	20.423
Area in conflict with	
Sur. No.1130, Montezuma lode	10.275
Sur. No.1130, Mammoth lode	0.053
Sur. No.1130, Mammoth No.2 lode	1.607
Sur. No.3886, Montezuma lode	17.672
Sur. No.3886, Montezuma lode exclusive of its conflict with	
(1) Sur. No.1130, Montezuma lode	7.397
(2) Sur. No.1130, Mammoth lode	17.619
(3) Sur. No.1130, Mammoth No.2 lode	16.065
(4) Sur. No.1130, Montezuma, Mammoth and Mammoth No.2 lode	5.737
Sur. No.3886, Hot Stuff lode exclusive of its conflict with	0.026
(1) Sur. No.1130, Mammoth No.2 lode	0.026
Sur. No.3886, Mammoth lode exclusive of its conflict with	0.031
(1) Sur. No.1130, Mammoth lode	0.000
(2) Sur. No.3886, Montezuma lode	0.000
(3) Sur. No.1130, Mammoth lode and Sur. No.3886, Montezuma lode	0.000
Sur. No.3886, Mammoth No.2 lode	1.463
Sur. No.3886, Mammoth No.2 lode exclusive of its conflict with	
(1) Sur. No.1130, Mammoth No.2 lode	0.000
(2) Sur. No.3886, Montezuma lode	0.000
(3) Sur. No.1130, Mammoth lode and Sur. No.3886, Montezuma lode	0.000

LOCATION

This survey is located in the SW $\frac{1}{4}$, Sec.1, T.1N., R. E., G.&S.R.B.&M.
 The survey of the Blue Bird No.1 lode is identical with amended location as marked on the ground.

Chains Feet											
No.10	A pit, the NE. cor. of which bears S.17° W., 800 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x6 ft. in size, 9 ft. deep.										Value, \$110.
No.11	A pit, the NE. cor. of which bears S.16° 30' W., 765 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x5 ft. in size, 4 ft. deep.										Value, \$50.
No.12	A pit, the NE. cor. of which bears S.10° W., 1125 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 8x7 ft. in size; 12 ft. deep.										Value, \$150.
No.13	A pit, the NE. cor. of which bears S.6° W., 1045 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 7x10 ft. in size; 9 ft. deep.										Value, \$140.
No.14	A cut, the north end of which bears S.4° W., 1,020 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6 ft. wide, 8 ft. deep and running S.32° W., 40 ft.										Value, \$200.
No.15	A pit, the NE. cor. of which bears S.3° W., 1400 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 4x5 ft. in size, 10 ft. deep.										Value, \$200.
No.16	A pit, the NE. cor. of which bears S.3° W., 710 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 6 ft. deep.										Value, \$150.
No.17	A pit, the NE. cor. of which bears S.31° W., 270 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 6 ft. deep.										Value, \$150.
No.18	A pit, the NE. cor. of which bears S.15° W., 580 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x6 ft. in size, 3 ft. deep.										Value, \$40.
No.19	A pit, the NW. cor. of which bears S.10° E., 632 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 8x10 ft. in size, 4 ft. deep.										Value, \$80.

SURVEY NO. 4529

(5)

Chains
Feet

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 cut of the Blue Bird No. 1 lode is on the lode line 510 ft. from a pt. on line 4-1, 300.0 ft. from Cor. No. 4; a pit 8x10 ft.; 5 ft. deep.
Value, \$75.
- No. 2 A shaft, the NE. cor. of which bears S. 29° W., 300 ft. from Cor. No. 1 of the Blue Bird No. 1 lode; 5x10 ft. in size, 50 ft. deep.
Value, \$3,000.
- No. 3 An adit, the portal of which bears S. 21° W., 445 ft. from Cor. No. 1 of the Blue Bird No. 1 lode; 6x4 ft. in size, and running N. 40° W., 100 ft.
Value, \$2,000.
- No. 4 An adit, with a shaft at the portal; the NE. cor. of the shaft bears S. 8° W., 500 ft. from Cor. No. 1 of the Blue Bird No. 1 lode; the adit is 4x5 ft. in size and runs N. 44° W., 80 ft. The shaft is 10x10 ft. in size, 50 ft. deep.
Value, \$4,500.
- No. 5 A pit, the NW. cor. of which bears S. 12° E., 640 ft. from Cor. No. 1 of the Blue Bird No. 1 lode; 6x5 ft., 12 ft. deep.
Value, \$400.
- No. 6 A pit, the NW. cor. of which bears S. 9° E., 635 ft. dist. from Cor. No. 1 of the Blue Bird No. 1 lode; 6x8 ft., 3 ft. deep.
Value, \$75.
- No. 7 A cut, the NE. cor. of which bears S. 15° W., 640 ft. dist. from Cor. No. 1 of the Blue Bird No. 1 lode; 3 ft. wide, 3 ft. deep and running S. 10° W., 36 ft.
Value, \$75.
- No. 8 A pit, the NE. cor. of which bears S. 16° 30' W., 570 ft. dist. from Cor. No. 1 of the Blue Bird No. 1 lode; 6x6 ft. in size, 5 ft. deep.
Value, \$60.
- No. 9 A pit, the NE. cor. of which bears S. 23° W., 835 ft. from Cor. No. 1 of the Blue Bird No. 1 lode; 6x6 ft. in size, 4 ft. deep.
Value, \$50.

SURVEY NO. 4529

(7)

-Chains
Feet

No.20 A pit, the NW. cor. of which bears $S.12^{\circ}30'E.$, 625 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 8x8 ft. in size, 3 ft. deep.
Value, \$40.

No.21 A pit, the NE. cor. of which bears $S.1^{\circ}30'W.$, 1362 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 4x6 ft. in size, 6 ft. deep.
Value, \$70.

OTHER IMPROVEMENTS

A frame house, the NE. cor. of which bears $S.49^{\circ}W.$, 175 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 20x25 ft. in size; the long sides bear East and West.
Claimant herein.

A frame store building, the NE. cor. of which bears $S.53^{\circ}30'W.$, 27800 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 18x30 ft. in size; the long sides bears North and South.
Claimant herein.

A pit, the NE. cor. of which bears $S.5^{\circ}W.$, 460 ft. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 8 ft. deep.
Claimant unknown.

A shaft, the NE. cor. of which bears $S.47^{\circ}30'W.$, 510 ft. from Cor., No.1 of the Blue Bird No.1 lode; 5x6 ft. in size, 20 ft. to waterlevel.
Claimant unknown.

A shaft, the NE. cor. of which bears $S.43^{\circ}30'W.$, 670 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 30 ft. to water level.
Claimant unknown.

A shaft, the NE. cor. of which bears $S.12^{\circ}30'W.$, 1170 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 4x7 ft. in size, 40 ft. to water level.
Claimant unknown.

A shaft, the NE. cor. of which bears $S.16^{\circ}W.$, 805 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 50 ft. deep.
Claimant unknown.

A pit, the NE. cor. of which bears $S.42^{\circ}30'W.$, 645 ft. dist. from Cor. No.1 of the Blue Bird No.1 lode; 6x8 ft. in size, 4 ft. deep.
Claimant unknown.

-Chains
Feet

OTHER CORNER DESCRIPTIONS &
SUPPLEMENTAL DATA

Sur. No. 3886, Mammoth and Mammoth No. 2 lodes; common cor. 1 and 4 is a wooden post, 4x4 ins., 2 ft. above ground, mkd. 3886 M 4 M 2 1. No other corners could be found. The distance between Cor. No. 1, Sur. No. 3886, Montezuma lode identical with Cor. No. 1, Sur. No. 3886, Nettie lode, identical with Cor. No. 4, Blue Bird No. 1 lode, this survey and Cor. No. 4, Sur. No. 3886, Mammoth lode identical with Cor. No. 1, Sur. No. 3886, Mammoth No. 2 lode was found to be 86.19 instead of 86.13 as approved; all other lines shown as approved.

Sur. No. 3886, Nettie lode, Cor. No. 2, obliterated, Cor. No. 4 identical with Cor. No. 1, Sur. No. 3886, Aztec lode, is a wooden post, 4x4 ins., 2 ft. above ground mkd. 3886 AZ1 N 4. Line 4-1 is correct as approved. Lines 1-2 and 2-3 shown as approved.

Sur. No. 1134, Old Wasp lode; Cors. 1 & 4 obliterated, all lines shown as approved.

Sur. No. 1130, Montezuma, Mammoth and Mammoth No. 2 lodes - all corners obliterated; all lines shown as approved under M.S. No. 3886.

FIELD ASSISTANTS

Name Capacity

Richard Mengel Chainman
Richard Cleveland Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

Nov 1, 19 60

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 May 25, 1960, I have faithfully and correctly executed the survey of
the mining claim of R. S. and I. M. Hamaker
known as the Blue Bird No. 1 Lode
(Lode, placer, or mill site)
situate in Superstition Mining District, Pinal County, Sec. 1
T. 1N, R. 8E, G. & S. R. & B. Meridian, Arizona, and
(State)
designated as Survey No. 4529, 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, Survey Office
(Office)
Phoenix, Arizona July 10, 1961, 19
(Place) (Date)

The foregoing field notes of mineral survey No. 4529, in Sec. 1
1 N., 8 E., G. & S. R. M. Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
(State)
under order dated May 25, 1960, 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)

*approved
cannot change
on post*

1717 So. Orange Ave.
Scottsdale 6, Arizona
September 1, 1961

Mr. Lester Mann, Cadastral Engineer
Bureau of Land Management
Federal Building
Phoenix, Arizona

Re: M.S. 4529

Dear Mr. Mann:

Pursuant to our conversation recently this letter will serve to make a correction in the description of the improvements on the Blue Bird No. 1 lode.

Improvements Nos. 3 and 4 are actually only one improvement. Improvement No. 3 is a gently inclined drift that bears S.44°E. instead of N.44°W. This drift runs approximately 125 ft. and curves to the south side of improvement No. 4, a shaft. The drift described for improvement No. 4 is the same drift described for improvement No. 3.

In addition at a pt. opposite the bottom of the shaft on the south side of the drift is a winze 4x5 ft. in size, 20 ft. deep.

If you have any questions please contact me.

Sincerely,

Harvey W. Smith
Harvey W. Smith, E.M.
U. S. Mineral Surveyor

