

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4541

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Ralph Morrow

Known As The

Silver Lode and Silver Lode No. 2

California Mining District,

Cochise County, Arizona

Section 28 and 33, Township 16 South, Range 30 East

Surveyed under order dated December 5, 1960

by Robert Lenon  
Mineral Surveyor.

Silver lode July 1, 1935  
Claim located Silver lode No. 2 Jan. 10, 1938

Survey commenced March 1, 1961

Survey completed March 3, 1961

Address of claimant Ralph Morrow  
Portal, Arizona

DATES OF AMENDED LOCATIONS

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Survey No. 4541

1

Chains  
Feet

This survey was made with a Bausch & Lomb Precise Transit, No 9259, with horizontal limb  $5\frac{1}{2}$  ins. diam., having two single opposite verniers, and full vertical circle  $4\frac{1}{4}$  ins. diam., having two double opposite verniers, all verniers reading to one minute of arc. The eyepiece is equipped with a colored glass set in the dust shutter, 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 double horizontal angles referred to the meridian determined by the following observations:

March 2, 1961, at cor. No. 2, Silver Lode, No. 2 in latitude  $32^{\circ}00'$  N., and longitude  $109^{\circ}16'30''$  W., I make a series of four altitude observations (in two sets of two each) upon the sun for azimuth, at approximately equal time-intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles clockwise, from cor. No. 3, Silver Lode No. 2, 1500 feet W'yly, SW. to the sun:

	(1st set)	(2nd set)
Mean time of observation,		
105th meridian standard time:	$3^h 15^m$ P.M.	$3^h 19^m$ P.M.
Declination of sun at mean		
time of observation:	$7^{\circ} 01'$	S.
Mean observed vertical angles		
to sun's center:	$34^{\circ} 15'$	$33^{\circ} 46'$
Mean horizontal angles from ref-		
erence point to sun's center:	$321^{\circ} 47'$	$322^{\circ} 25'$
True bearing to reference point:	$N.88^{\circ} 37' W.$	

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the end feet graduated to tenths and hundredths; and a Chicago steel tape, 300 feet in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard steel tape at the time of beginning the survey, and found correct.

All lines and connections were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of  $12^{\circ} 15'$  E.

#### SILVER LODGE

At cor. No. 1 of the Silver Lode, identical with cor. No. 1 of the Silver Lode No. 2 of this survey.

Set a galvanized iron pipe,  $1\frac{1}{2}$  ins. diam., 30 ins. long, 18 ins. in the ground, with a brass cap mkd. SL-1-SL 2-1-4541. From which

The cor. of secs. 27, 28, 33, and 34, T. 16 S., R. 30 E., G. and S. R. M., Arizona, bears S.  $54^{\circ} 42' 15''$  E., 420.02 ft. dist., an iron pipe with brass cap attached, firmly set and properly mkd.

CHAINS  
Feet

	Thence N. 88° 37' W.
415	Road, 15 ft. wide; bears N. 45° W. and S. 45° E.
640	White Tail Creek, 12 ft. wide; course S. 65° E.
700	Gulch, 5 ft. wide; course N. 45° E.
1000	Telephone line on steel poles; bears N. 30° W. and S. 30° E.
1140	High tension line, on wooden poles; bears N. 60° W. and S. 60° E.
1500.0	Cor. No. 2, identical with cor. No. 4 of the Silver Lode No. 2 of this survey.
	Set a galvanized iron pipe, 1½ ins. diam., 30 ins. long, 18 ins. in the ground, surrounded by a mound of stone, with brass cap mkd. SL-2-SL 2-4-4541; from which
	an oak, 10 ins. diam., bears N. 61° 00' E., 21.8 ft. dist., mkd. X-SL-3-4541;
	Thence N. 1° 23' E.
75.0	Old post, 4 x4 ins. in size, set in stone mound.
300.0	Lode line; discovery point bears S. 88° 37' E., 200 ft. dist.
427	High tension line, on wooden poles; bears N. 38° W. and S. 38° E.
586	White Tail Creek, 15 ft. wide; course S. 80° E.
600.0	Cor. No. 3.
	Set a galvanized iron pipe, 1½ ins. diam., 30 ins. long, 18 ins. in the ground, surrounded by a mound of stone, with brass cap mkd. SL-3-4541.
	Thence S. 88° 37' E.
106	Road, 15 ft. wide; bears S. 60° E. and N. 60° W.
175	Telephone line on steel poles, bears N. 30° W. and S. 30° E.
1500.0	Cor. No. 4.
	Set a galvanized iron pipe, 1½ ins. diam., 30 ins. long, 18 ins. in the ground, surrounded by a mound of stone, with brass cap mkd. SL-4-4541.
	Thence S. 1° 23' W.
300.0	Lode line; discovery point bears N. 88° 37' W., 1300 ft. dist.
600.0	Cor. No. 1, and place of beginning.



## Survey No. 4541

3

Chain Feet	SILVER LODE NO. 2
	At Cor. No. 1 of the Silver Lode No. 2, identical with Cor. No. 1 of the Silver Lode of this survey, previously described; from which  The cor. of secs. 27, 28, 33 and 34, T. 16 S., R. 30 E., G. & S.R.M., Arizona, bears S. 54° 42' 15" E., 420.02 ft. dist., previously described.  Thence S. 1° 23' W.
203	Road, 15 ft. wide, bears N. 80° W. and S. 80° E.
300.0	Lode line; discovery point bears N. 88° 37' W., 1400 ft. dist.  Set an iron pin, 1 in. diam., surrounded by a mound of stone; from which  The cor. of secs. 27, 28, 33 and 34 bears N. 80° 43' E., 354.7 ft. dist., previously described.
364	White Tail Creek, 10 ft. wide, course S. 55° E.
449	Road, 12 ft. wide, bears N. 75° W. and S. 75° E.
600.0	Cor. No. 2.  Set a galvanized iron pipe, 1½ ins. diam., 30 ins. long, 18 ins. in the ground, with brass cap mkd. SL 2-2-4541, stone mound alongside; from which  Cor. No. 1, Sur. No. 4336, White Tail Lode, bears S. 35° 09' 30" E., 226.97 ft. dist.; a juniper post, 4 x 4 ins., 36 ins. above ground, firmly set and properly mkd.  Cor. No. 5, Sur. No. 3125, New Year lode, bears N. 65° 02' 40" W., 579.05 ft.; a pine post, 4 x 4 ins., 30 ins. above ground, firmly set and properly marked.  A juniper tree, 18 ins. diam., bears S. 79° 55' E., 9.6 ft. dist., mkd. X-BT-2-4541.  Thence N. 88° 37' W.
10	Steel water line, 4 ins. outside diam., on surface, bears N. 40° W. and S. 40° E.
54	High tension line on wooden poles, bears N. 60° W. and S. 60° E.
155	Gulch, 3 ft. wide, course N. 20° E.
270	Gulch, 3 ft. wide, course N. 50° E.
278.34	Intersect line 5-1, Sur. No. 3125, New Year lode at a point from which Cor. No. 5 bears N. 46° 05' W., 342.52 ft. dist.
618.55	Intersect line 4-5, Sur. No. 3125, New Year lode at a point from which Cor. No. 5 bears N. 22° 09' E., 247.64 ft. dist., previously described.
621	Mine road, 12 ft. wide, bears north and south.
1001	Gulch, 6 ft. wide, course N. 30° E.

~~CHAINS~~  
Feet

- 1260 Gulch, 6 ft. wide, course N. 80° E.
- 1500.0 Cor. No. 3.  
Set a galvanized iron pipe, 1½ ins. diam., 30 ins. long, 18 ins. in the ground, stone mound alongside, with brass cap mkd. SL 2-3-4541; from which  
A large stone mound bears S. 76° E., 30 ft. dist.  
Thence N. 1° 23' E.
- 29 Gulch, 6 ft. wide, course S. 60° E.
- 98 Gulch, 4 ft. wide, course east.
- 300.0 Lode line; discovery point bears S. 88° 37' E., 100 ft. dist.  
Set an iron pin, 1 in. diam., surrounded by a mound of stone.
- 600.0 Cor. No. 4, identical with Cor. No. 2 of the Silver Lode of this survey, previously described.  
Thence S. 88° 37' E.
- 360 High tension line on wooden poles bears N. 60° W., and S. 60° E.
- 500 Telephone line on steel poles bears N. 30° W. and S. 30° E.
- 800 Gulch, 5 ft. wide, course N. 45° E.
- 860 White Tail Creek, 12 ft. wide, course S. 65° E.
- 1085 Road, 15 ft. wide, bears N. 45° W. and S. 45° E.
- 1500.0 Cor. No. 1 and place of beginning.

AREAS

	Acres
Total area, Silver Lode . . . . .	20.661
Total area, Silver Lode No. 2 . . . . .	20.661
Area in conflict with Sur. No. 3125, New Year Lode . . . . .	.904

LOCATION

This survey is located in the SE¼ and the NE¼, respectively of secs. 28 and 33, T. 16 S., R. 30 E., G. and S. R. M., Arizona.

The survey of the Silver Lode and Silver Lode No. 2 is identical with the respective locations as marked on the ground.

## Chains

## 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 his grantors are as follows:

- No. 1 The discovery point of the Silver Lode, being on the lode line, 200 ft. from the center of line 2-3.  
Value, none
- No. 2 An adit, 5 x 6 ft. in size, partially timbered, the portal of which bears N. 71° 00' E., 360 ft. from Cor. No. 2, Silver Lode, runs S. 20° W., 26 ft. to breast.  
Value, \$600.
- No. 3 A shaft, 5 x 5 ft., 4 ft. deep, the center of which bears N. 62° 30' E., 390 ft. from Cor. No. 2, Silver Lode.  
Value, \$50.
- No. 4 A shaft, 8 x 8 ft., 8 ft. deep, the center of which bears S. 42° 00' E., 135 ft. from Cor. No. 3, Silver Lode.  
Value, \$150.
- No. 1 The discovery point of the Silver Lode No. 2, being on the lode line 100 ft. from the center of line 3-4.  
Value, none.
- No. 2 A shaft, 5 x 6 ft., 50 ft. deep, the center of which bears N. 8° 30' E., 290 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$1000.
- No. 3 A shaft, 4 x 6 ft., 6 ft. deep, the center of which bears N. 3° 30' E., 287 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$75.
- No. 4 A shaft, 6 x 6 ft., 50 ft. deep, the center of which bears N. 18° 00' E., 340 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$1000.
- No. 5 A shaft, 6 x 6 ft., 15 ft. deep, the center of which bears N. 36° 30' E., 295 ft. from Cor. No. 3, Silver Lode No. 2.  
Value \$300.
- No. 6 A shaft, 6 x 6 ft., 40 ft. deep, the center of which bears N. 41° 30' E., 375 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$800.
- No. 7 A shaft, 5 x 7 ft., 40 ft. deep, the center of which bears N. 50° 45' E., 455 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$1000.
- No. 8 A shaft, 5 x 5 ft., 10 ft. deep, the center of which bears N. 51° 30' E., 465 ft. from Cor. No. 3, Silver Lode No. 2.  
Value, \$100.
- No. 9 An adit, 5 x 7 ft. in size, the portal of which bears N. 51° 00' E., 385 ft. from Cor. No. 3, Silver Lode No. 2, runs westerly a total of 500 ft., including branches.  
Value, \$7500.
- No. 10 An adit, 5 x 7 ft. in size, the portal of which bears N. 22° 30' E., 267 ft. from Cor. No. 3, Silver Lode No. 2, runs northwesterly a total length of 85 ft.  
Value, \$1250.



Chains

No. 11

A well, 5 x 5 ft., 20 ft. deep, concreted, the center of which bears S. 62° 15' W., 360 ft. from Cor. No. 1, Silver Lode No. 2.  
Value, \$500.

Five hundred dollars or over has been expended in these improvements 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. No portion of, or interest in, these improvements has been credited heretofore as patent expenditures on any lode claim.

OTHER IMPROVEMENTS

A frame house, the SE'ly corner of which bears S. 50° 00' W., 185 ft. from Cor. No. 1, Silver Lode No. 2, 14 x 44 ft. in size, the long sides bear N. 82° W., with a frame annex, 17 x 17 ft. in size.

Claimant herein.

A timber barn, the NW'ly corner of which bears S. 16° 15' W., 235 ft. from Cor. No. 1, Silver Lode No. 2, 16 x 25 ft. in size, the long sides bear N. 25° E.

Claimant herein.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Line 4-5, 5-1 and 1-2 of Sur. No. 3125, New Year lode, are shown as approved. Lines 2-3 and 3-4 of Sur. No. 3125, Duluth lode are shown as approved. Lines 1-2 and 4-1 of Sur. No. 4336, White Tail lode are shown as approved.

FIELD ASSISTANTS

James A. Yanez	Instrumentman
Joe D. Alvarez	Chainman
Frank M. Vasquez	Chainman
Eraclio D. Matrecito	Rodman



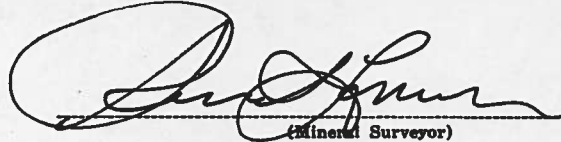
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

March 10, 19 61

I, Robert Lenon,  
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the U.S. Public  
Office, at Phoenix, Arizona  
 dated Dec. 5, 1960, I have faithfully and correctly executed the survey of  
 the mining claim of Mr. Ralph Marrow,  
 known as the Silver Lode and Silver Lode No. 2  
(Lode, placer, or mill site)  
 situate in Cochise County, Arizona,  
 T. 16 S., R. 30 E., G. & S. R. Meridian, Arizona, and  
(State)  
 designated as Survey No. 4541, 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.

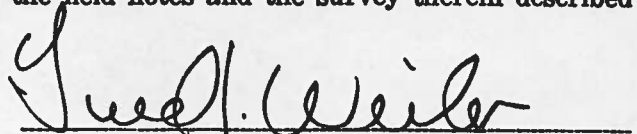
Patagonia, Arizona  
(Place)

  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office  
(Office)  
Phoenix, Arizona June 8, 1961  
(Place) (Date)

The foregoing field notes of mineral survey No. 4541, in California Mining District  
Secs. 28, 33, T. 16 S., R. 30 E., Gila & Salt River Meridian,  
Arizona, executed by Robert Lenon, Mineral Surveyor,  
(State)  
 under order dated December 5, 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.

  
Fred J. Weller  
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)



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)  
BUREAU OF LAND MANAGEMENT M.S. 4541  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Silver Lode, Mineral Survey No. 4541, located in section 28, Township 16 South, Range 30 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has 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:

"Silver Lode, M.S. 4541, was canceled July 5, 2005, by memo 9605 (956) M.S. 4541, which is now a part of the original field notes."

July 5, 2005  
Date

*Anthony E. Carrow*

Chief Cadastral Surveyor of Arizona

