

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4328

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

American Smelting and Refining Co.

Known As The

June #28 and June No. 30

Silver Bell Mining District,

Pima County, Arizona

Section 3, Township 12 South, Range 8 East

Surveyed under instructions dated June 1, 1948

by T.N. Stevens
U. S. Mineral Surveyor.

Claim located July 13 and July 24, 1940

Survey commenced June 29, 1948

Survey completed July 5, 1948

Address of claimant Ben C. Hill, Attorney
77 Court Street, Tucson, Arizona

DATES OF AMENDED LOCATIONS

None

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4128

Arizona
Land District

FIELD NOTES

Of the Survey of the Mining Claims of

American Smelting and Refining Co.

Known As The

June 23 and June 24

Silver Hill
Mining District

Arizona
County

Section 3 Township 12 South Range 8 East

Surveyed under instructions dated June 1, 1918

by T. H. Stevens
U. S. Mineral Surveyor

Claim located July 11 and July 24 1910

Survey commenced June 29 1918

Survey completed July 2 1918

Address of claimant Ben C. Hill, Attorney
17 Court Street, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

None

Survey No. 4328

1

This survey was made with a Buff & Buff Transit No. 25780 with horizontal limb 5 ins. diam., having two opposite verniers and full vertical circle, 4 ins. diam. having one double vernier; the verniers read to one minute of arc. 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.

June 30, 1948 at Cor. No. 1 of the June # 28 lode in latitude $32^{\circ}24'17''$ and longitude $111^{\circ}30'32''$ W., I made a series of altitude observations upon the sun for azimuth at approximately equal intervals; three each with the telescope in direct and reversed positions, bisecting the sun and reading the horizontal angle from the reference point NE. to the sun.

Mean time of observation, 105th meridian
standard time = 9h 15m a.m.

Apparent time = 8h 50m a.m.

Declination of sun at mean time of
observation = $23^{\circ}09'33.3''$

Mean observed vertical angle to
sun's center = $46^{\circ}47'00''$

Mean horizontal angle from reference
point to sun's center = $72^{\circ}28'30''$

True bearing of reference point = N. $17^{\circ}15'$ E.

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

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.

Survey No. 4328

Feet

JUNE # 28 lode

At Cor. No. 1 of the June # 28 lode, identical with Cor. No. 1 Sur. No. 2799 Sampson lode, on line 4-1 Sur. No. 2799 Boston Boy lode and on line 2-3 Sur. No. 2799 Boston Beauty lode, which is monumented by a pine post, 4 ins. sq. firmly set and properly marked; being badly decayed, I remove the post and in its place,

Set an iron post $3\frac{1}{2}$ ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone to top with leaden cap mkd. 1 J.No.28-4328, 1S-2799; from which

The cor. to secs. 2; 3, 10 and 11, T. 12 S., R. 8 E., bears S. $77^{\circ}13'$ E., 1310.5 ft. dist.; an iron post, 2 ins. diam. showing 24 ins. above ground, firmly set, marked and witnessed as described in the official record.

U.S.M.M. No. 2 bears S. $13^{\circ}57'$ E., 1483.7 ft. dist., consisting of a very old weathered post 4 ins. sq. showing 8 ft. above ground in mound of stone 6 ft. base, $4\frac{1}{2}$ ft. high, mkd. U.S.M.M. No. 2.

Cor. No. 1 Sur. No. 2799 Boston Boy lode, bears S. $30^{\circ}35'$ E., 360.5 ft. dist.

No other bearing objects are available.

Survey No. 4328

Feet	
	Thence N. 17° 15' E.
50.00	Cor. No. 3 Sur. No. 2799 Boston Beauty lode, identical with Cor. No. 5, Sur. No. 602, True Blue lode, claimant herein.
300.00	Lode line; discovery point bears N. 30° 35' W., 120 ft. dist.
	Set a pine post 4 ins. sq. by 4 ft. long, firmly in the ground and surrounded by a mound of stone, mkd. E.Cr.J No. 28 E. Cr. S.
350.00	N. end center, Sur. No. 602 True Blue lode, a decayed post in a mound of stone.
600.00	Cor. No. 2, identical with Cor. No. 4 Sur. No. 2799 Sampson lode, which is monumented by a pine post 4 ins. sq. firmly set and properly marked; being badly decayed, I remove the post and in its place,
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone to top with leaden cap mkd. 2 J No. 28-4328, 4 S-2799; from which
	Cor. No. 3 Sur. No. 602 True Blue lode, bears N. 17° 15' E., 50. ft. dist.
	Thence N. 30° 35' W.
1433.5	Cor. No. 3, identical with Cor. No. 3 Sur. No. 2799 Sampson lode, which is monumented by a pine post, 4 ins. sq. firmly set and properly marked; being badly decayed, I remove the post and in its place,
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone to top, with leaden cap mkd. 3 J No. 28-4328, 3 S-2799; from which
	Cor. No. 3 Sur. No. 2437 Murray lode, claimant herein bears S. 46°02' 45" W., 257.67 ft. dist.
	Thence S. 17° 15' W.
300.00	Lode line; discovery point bears S. 30° 35' E., 1313.5 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 2 Sur. No. 2799 Sampson lode and E. end center Sur. No. 2799 Dewey lode, claimant herein, which is monumented by a pine post, 4 ins. sq. firmly set and properly marked; being badly decayed, I remove the post and in its place,
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone to top, with leaden cap mkd. 4 J. No. 28-4328, 2 S-2799, E. Cr. D.
	No local bearing objects are available.
	Thence S. 30° 35' E.
300.00	Cors. Nos. 1 and 4, Sur. No. 2799 Dewey and Boston Boy lodes.
1433.5	Cor. No. 1 and place of beginning.

Survey No. 4328

4
3

Feet

JUNE No. 30 Lode

Beginning at Cor. No. 1 of the June No. 30 lode.

Set an iron post, $3\frac{1}{2}$ ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone to top, with leaden cap mkd. J. No. 30-4328; from whichThe $\frac{1}{4}$ cor. bet. Secs. 3 and 10, T. 12 S., R. 8 E., bears S. $31^{\circ} 02' E.$, 1693.69 ft. dist.; an iron post, $\frac{3}{4}$ ins. diam. showing 2 ft. above ground, firmly set; marked and witnessed as described in the official record;Cor. No. 4, Sur. No. 2437 Murray lode, bears N. $12^{\circ} 12' 15'' E.$, 224.96 ft. dist.Cor. No. 3, Sur. No. 2799 Georgia lode, bears N. $2^{\circ} 25' 45'' E.$, 308.97 ft. dist.Cor. No. 3, Sur. No. 2799, Nightingale lode, identical with Cor. No. 4, El Plomo lode of same survey, bears N. $70^{\circ} 08' 10'' E.$, 148.37 ft. dist.Thence N. $30^{\circ} 35' W.$ 59.71 Intersect lines 3-4, Sur. No. 2799 Nightingale and El Plomo lodes at a point from which Cor. Nos. 3 and 4, bears S. $89^{\circ} 40' E.$, 169.92 ft. dist.300.00 Lode line; discovery point bears N. $56^{\circ} 40' 30'' E.$; 163.0 ft. dist.

Set a redwood post, 4 ft. long, 4 ins. sq. firmly in the ground and surrounded by a mound of stone, scribed W. Cr. June No. 30.

591.09 Cor. No. 2, identical with Loc. mon. and Cor. No. 5, Sur. No. 2437 Mollie lode, claimant herein. I remove the old corner monument which is a pine post, 4 ins. sq. firmly set and properly marked.

At the corner point, set an iron post, $3\frac{1}{2}$ ft. long, 2 ins. diam., 18 ins. in the ground and surrounded by a mound of stone to top with leaden cap stamped 2 J No. 30-4328, 5 M-2437; from whichCor. No. 2, Sur. No. 2799 Nightingale lode, bears N. $67^{\circ} 51' E.$, 147.28 ft. dist.Cor. No. 1, Sur. No. 2437 Murray lode, bears N. $39^{\circ} 53' 15'' E.$, 389.75 ft. dist.Cor. No. 3; Sur. No. 2799 Dewey lode; bears N. $61^{\circ} 45' 50'' E.$, 661.01 ft. dist.A cross (+) on limestone, bears N. $23^{\circ} 45' W.$, 5.9 ft. dist.A cross (+) on quartzite rock, bears N. $56^{\circ} 40' E.$, 5.75 ft. dist.Thence N. $56^{\circ} 20' E.$ 100.72 Intersect line 1-2, Sur. No. 2799 Nightingale lode at N. $89^{\circ} 40' W.$, 52.58 ft. from Cor. No. 2.324.11 Intersect line 4-1, Sur. No. 2437 Murray lode at S. $9^{\circ} 31' E.$ 120.7 ft. from Cor. No. 1.

Feet	
604.32	E. end center Sur. No. 2437 Mollie lode.
620.87	Intersect line 1-2 Sur. No. 2437 Murray lode at N. 80° 20' E., 270.78 ft. from Cor. No. 1.
1200.00	Cor. No. 4 Sur. No. 2437 Mollie lode.
1500.00	Cor. No. 3
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground and surrounded by a mound of stone to top with leaden cap stamped 3 J No. 30-4328.
	No bearing objects are available.
	Thence S. 30° 35' E.
300.00	Lode line; discovery point bears S. 56° 40' 30" W., 1336.52 ft. dist.
	Set a redwood post, 4 ft. long, 4 ins. sq., firmly in the ground and surrounded by a mound of stone, scribed E.Cr.J.No. 30.
382.80	Intersect line 1-2, Sur. No. 2437 Murray lode at a point from which Cor. No. 2 bears N. 80° 20' E., 278.44 ft. dist.
600.00	Cor. No. 4.
	Set an iron post, 3½ ft. long, 2 ins. diam., 18 ins. in the ground and surrounded by a mound of stone to top, with leaden cap stamped 4-J. No. 30-4328; from which
	Cor. No. 2, Sur. No. 2437 Murray lode; bears N. 35° 03' E., 285.52 ft. dist.
	No other bearings are available.
	Thence S. 56° 40' 30" W.
475.75	Intersect line 3-4, Sur. No. 2799 Dewey lode at a point from which Cor. No. 3, bears N. 65° 41' W., 629.69 ft. dist.
838.23	Intersect line 2-3, Sur. No. 2799 Dewey lode at a point from which Cor. No. 3 bears N. 30° 35' W., 532.52 ft. dist.
942.68	Intersect line 3-4, Sur. No. 2799 Georgia lode at a point from which Cor. No. 3 bears N. 89° 40' W., 478.39 ft. dist., and at 432.57 feet on same bearing intersect line 4-1, Sur. No. 2437 Murray lode at 89.79 feet N. 9° 31' W. of Cor. No. 4.
982.09	Intersect line 3-4, Sur. No. 2437 Murray lode at a point from which Cor. No. 4 bears S. 80° 30' W., 390.15 ft. dist.
1353.57	Intersect lines 2-3, Sur. No. 2799 Nightingale and Georgia lodes at a point from which Cors. Nos. 2 and 3 bear N. 30° 35' W., 562.69 ft. and 265.43 ft. dist. respectively.
1407.10	Intersect lines 3-4 and 3-4, Sur. No. 2799 El Plomo and Nightingale lodes at a point from which cors. Nos. 4 and 3 respectively bear S. 89° 40' E., 62.32 ft. dist.
1499.52	Cor. No. 1 and place of beginning.

Feet	AREAS	Acres
	Total area, June #28 lode, identical with Survey No. 2799. Sampson lode	14.635
	Total area, June No. 30 lode	20.478
	Area in conflict with	
	Sur. No. 2799, Nightingale lode	1.900
	Sur. No. 2799, El Plomo lode	.063
	Sur. No. 2799, Dewey lode	2.213
	Sur. No. 2799, Georgia lode	1.250
	Sur. No. 2437, Murray lode	13.035
	Sur. No. 2437, Murray lode, exclusive of its conflict with	
	(1) Sur. No. 2799, Dewey lode	10.822
	(2) Sur. No. 2799, Georgia lode	12.524
	(3) Sur. No. 2799, Dewey and Georgia lodes	10.311

LOCATION

This survey is located in Sec. 3, T. 12 S., R. 8 E., G. & S.R.M.

The survey of the June #28 and June No. 30 lodes is identical with the respective locations 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 shaft of the June #28 lode, the center of which being the discovery point is on the center line, 120.0 ft. from the center of line 1-2, 4x6 ft., 8 ft. deep.
Value, \$100.
- No. 2 A shaft, the center of which bears from Cor. No. 1 June #28 lode, N. 5° 45' E., 332 ft., 4x6 ft., 8 ft. deep.
Value, \$100.
- No. 3 A shaft, the center of which bears from Cor. No. 1 June #28 lode, N. 6° 30' W., 380.0 ft. dist., 4x6 ft., 8 ft. deep.
Value, \$100.
- No. 4 A cut, the mouth of which bears from Cor. No. 1, June #28 lode, N. 8° 55' E., 425.0 ft., 5 ft. wide, 8 ft. face, running N. 10° W., 15 ft. to face.
Value, \$100.
- No. 5 A cut, the mouth of which bears from Cor. No. 1 June #28 lode, N. 15° 55' E., 370.0 ft. dist., 5 ft. wide, 8 ft. face, running N. 50° W., 28 ft. to face, from face is a tunnel 4x6 ft. running N. 50° W., 20 ft. to breast.
Value cut and tunnel, \$300.
- No. 6 A trench, the S. end of which bears from Cor. No. 4 June #28 lode, N. 70° 04' E., 90 ft. dist., 3 ft. wide, 3 ft. deep, running N. 71° E., 21 ft. to N. end.
Value, \$50.

No. 1

The discovery cut of the June No. 30 lode, the mouth of which being the discovery point is on the center line 163.0 ft. from the center of line 1-2, 5 ft. wide, 8 ft. face, running N.56°30'E., 15 ft. to face.
Value, \$100.

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 602 True Blue lode, Cors. Nos. 3, 4 and 5 are pine posts, 4 ins. sq., firmly set in stone monuments and scribed with the number of the corner and the survey. I find line 3-5 to be correct as approved.

Sur. No. 2799, Sampson, Boston Boy and Dewey lodes, all corners are pine posts 4 ins. sq. showing 3½ to 4 ft. above ground firmly set in stone monuments and scribed with the number of the corner and the survey. All lines are correct as approved. Cors. Nos. 1, 2, 3 and 4, Sur. No. 2799 Sampson lode which are identical with the four corners of June #28 lode of this survey were found to be in badly decayed condition and unsuitable for permanent corners, I therefore set 2 in. lead capped pipe at the exact point of their original positions as described in the foregoing field notes.

Sur. No. 2799 Nightingale, El Plomo, Georgia and Dewey lodes, all corners are pine posts 4 ins. sq., 3 ft. above ground firmly set in stone monuments and scribed with the number of the corner and the survey.

I find line 2-3 of the Nightingale lode to be S.30°35'E. 597.26 ft. instead of 600 feet as approved. Sur. No. 2437 Cor. No. 4 of the Mollie lode is a granite rock 10x10 ins., 2 ins. above ground, marked and witnessed as described in the official record. Cors. Nos. 1, 2, 3 and 4 of the Murray lode are wooden posts marked and witnessed as described in the official record. I find line 2-3 to be S.9°31'E., 600.23 ft. instead of 595.9 ft. and line 3-4, S.80°30'W., 1488.5 ft. instead of S.80°20'W., 1489 ft. as approved. Lines 1-2 and 4-1 are correct as approved.

ADJOINING CLAIMS

On the north by Sur. No. 2437 Mollie and Murray lodes.
On the east by Sur. No. 2437 Murray lode and Sur. No. 602 True Blue lode.
On the south by Sur. No. 602 True Blue lode; Sur. No. 2799 Dewey and Georgia lodes.
On the west by Sur. No. 2799 Boston Boy, El Plomo and Nightingale lodes and Sur. No. 2437 Mollie lode.

FIELD ASSISTANTS

Name	Capacity
E.H. Jenkins	Chainman

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, T.N. Stevens, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated June 1, 1948,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions thereunder, and the instructions of said Office Cadastral Engineer,
faithfully and correctly executed the survey of the mining claim of
American Smelting and Refining Co., known as the
June # 28 and June No. 30,
situate in Silver Bell Mining District,
Pima County, Arizona, in Section
3, Township No. 12 South, Range No. 8 East
and designated as Survey No. 4328, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy of
the location certificate, which was received by me from the Office Cadastral Engineer
with said instructions, and that all corners of said survey have been established and
perpetuated in strict accordance with the law, official regulations and instructions
thereunder; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and im-
provements made upon said mining claim by claimant or its
grantors are as therein fully stated, and that the character, extent, location, and
itemized value thereof are specified therein with particularity and full detail, and
that no portion of said labor or improvements so credited to this claim has been included
in the estimate of expenditures upon any other claim.

T.N. Stevens
(Mineral Surveyor)

Subscribed and sworn to by the said T.N. Stevens
Mineral Surveyor, before me Jan G. Shanagan
this 27th
day of December, 1948

Jan G. Shanagan
Notary Public

My Commission expires July 1-1951
U. S. GOVERNMENT PRINTING OFFICE 6-9475

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE Bureau of Land Management PUBLIC SURVEY OFFICE

At Phoenix, Arizona

March 28, 1949, 19

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of American Smelting and Refining Co.

June #28 and June No. 30

situate in Silver Bell mining district, Pima County, Arizona

in Section 3, Township No. 12 South, Range No. 8 East

G. & S. R. M., designated as Survey No. 4328

executed by T. N. Stevens, Mineral

Surveyor, June 29th to July 5th, 1948, under my instructions dated

June 1, 1948, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Frank W. Chapin Office Cadastral Engineer.

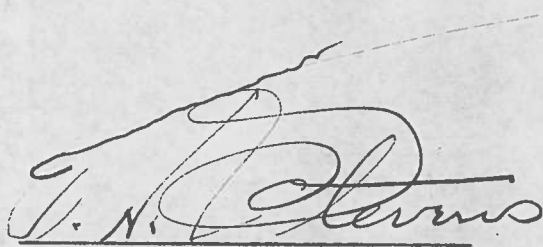
Survey No. 4328

Supplemental Proof Expenditure of \$500.

JUNE No. 30 Lode

No. 1 From the face of the discovery cut is a new cut 5 ft. wide, 10 ft. face, running N 3° E., 6 ft. to 10 ft. face; At the face is portal of tunnel 4 X 6 ft. in size running N. 23° W., 18 ft. to breast.

Value of new cut and tunnel \$420.00


 T. N. Stevens
 U.S. Mineral Surveyor

State of Arizona SS
 County of Pima

Subscribed and sworn to by said T.N. Stevens before me, a Notary Public in and for the County of Pima, State of Arizona, this 9th day of June, 1949

My commission expires

July 1-1951


 Notary Public.

OFFICE CADASTRAL ENGINEER'S CERTIFICATE ON SUPPLEMENTAL REPORT
DEPARTMENT OF THE INTERIOR

Public Survey Office

Phoenix, Arizona

June 22, 1949

I, Office Cadastral Engineer at Phoenix, Arizona, do hereby certify that proof of additional expenditures on the JUNE NO. 30 lode mining claim has been submitted to this office subsequent to the approval of Mineral Survey No. 4328.

I further certify that Five Hundred dollars worth of labor has been expended or improvements made upon or for the benefit of each location embraced in said mining claim including the JUNE NO. 30 lode, and that the additional improvements not previously reported consist of 1 new cut and tunnel, total value \$420.00 and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

Frank M. Chapin
Office Cadastral Engineer.