

4-683

MINERAL SURVEY No. 3737

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Mineral Hill Consolidated Copper Company

KNOWN AS THE

Black Prince and Two Boys lodes

Pima Mining District,

Pima County, Arizona

Section 35, Township 16 S., Range 12 E., G & S.R.M

Surveyed under instructions dated January 10, 19 21

by *J. N. Stevens*
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced January 19, 19 21

Survey completed January 23, 19 21

Address of claimant Box 1568, Tucson, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3737

Feet

BLACK PRINCE Lode.

Beginning at Cor.No. 1, identical with Loc.Mon. and Cor.No.1 Sur. No.2191 Black Prince lode, also Cor. No.3, Sur. No.1649, Azurite No.4 lode. On line 4-1 Sur. No. 1649, Jupiter lode, Claimant herein, at S. $78^{\circ}25'$ W. 187.57 ft from Cor.No.1.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, $3\frac{1}{2}$ ft above ground, set in concrete mon. 4 ft base by 3 ft high, stamped with Cross (X) 1 BP-3737 and 3 A.No.4-1649, with md. of stone 3 ft. base by 2 ft. high alongside. Whence the $S\frac{1}{2}$ Cor. Sec 35, T. 16 S.R. 12 E. G. & S. R.M. brs S $42^{\circ}27'$ E. 596.92 ft.

A limestone boulder 10 ft long by 6 ft high brs S $48^{\circ}35'$ W, 71.2 ft; chiseled with Cross (X) 1-2191, 3-1649, 1-3737 BR.

No other bearings are available.

Thence N. $11^{\circ}35'$ W
Va. $13^{\circ}30'$ E.

300 To E. end Center, identical with ^{E. end Center Sur. No. 2191 Black Prince lode, &} W. end Center, Sur. No.1649, Azurite No. 4 lode. An iron pipe 2 ins. diam. by 4 ft. high set firmly in the ground, and surrounded with a md. of stone $3\frac{1}{2}$ ft. base by 3 ft. high, stamped E. Cr.BP.

600 To Cor.No.2, identical with ^{Sur. No. 2191} Cor.No. 4, Sur.No.1649, ^{Cor. No. 2, Black Prince lode, &} Azurite No.4 lode. An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with cross (X) 2BP 3737, with md of stone $3\frac{1}{2}$ -ft base by 3 ft high alongside.

No bearings are available

Thence S $78^{\circ}25'$ W
Va. $13^{\circ}30'$ E.

301.39 To Cor.No.1, Two Boys lode of this Sur. hereinafter described.

791.39 New road brs northeasterly.

1351.39 Road brs northwesterly.

MINERAL SURVEY NO. 3737

Feet	BLACK PRINCE Lode Cont'd
1500	<p>To Cor. No.3, identical with Cor. No.3 Sur. No. 2191 Black Prince lode.</p> <p>An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with cross (X), 3 BP 3737, with md of stone 3½ ft. base by 3 ft. high alongside.</p> <p>Thence S 11° 35' E. Va. 13° 30' E.</p>
300	<p>To W. end Center, identical with W. end center, Sur. No. 2191, Black Prince lode.</p> <p>An iron pipe 2 in. s diam. by 4 ft high, set firmly in the ground, and surrounded with a md of stone 3½ ft. base by 3 ft high, stamped W Cr. BP.</p>
600	<p>To Cor. No.4, identical with Cor. No.4 Sur. No 2191 Black Prince lode.</p> <p>An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with a Cross (X) 4 BP 3737, with md. of stone 3½ ft base by 3 ft high alongside.</p> <p>No bearings are available.</p> <p>Thence N 78° 25' E Va. 13° 30' E.</p>
187.8	To Cor. No.4, Sur. No. 1649, Jupiter. lode.
750	Road brs S 38° E.
1500	To Cor. No.1, the place of beginning.
	<u>TWO BOYS. Lode.</u>
	<p>Beginning at Cor. No. 1 on line 2-3, Black Prince lode of this Sur. and line 2-3 Sur. No. 2191 Black Prince lode.</p>
	<p>An iron pipe 1 in. diam with brass cap 2 ins. sq. on top 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 1-TB 3737, with md. of stone 3½ ft base by 3 ft. high alongside, whence the S¼ Cor. Sec. 35 T. 16 S R 12 E brs S 40° 13' 30" E. 1267.54 ft.</p>

MINERAL SURVEY NO. 3737

Feet

TWO BOYS Lode Cont'd

No other bearings are available.

Thence N. 11° 35' W

Va. 13° 30' E

300 To E. end Center.

An iron pipe 2 ins. diam. by 4 ft high, set firmly in the ground and surrounded with a md of stone 3½ ft base by 3 ft high. Stamped E:Cr:TB.

600 To Cor. No.2.

An iron pipe 1 in. diam with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 2 TB-3737; with md of stone 3½ ft base by 3 ft high alongside.

No bearings are available.

Thence S 78° 25' W

Va. 13° 30' E.

210 Road brs northeasterly.

1500 To Cor. No. 3.

An iron pipe 1 in. diam with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 3TB - 3737, with md of stone 3½ ft base by 3 ft high alongside.

No bearings are available.

Thence S 11° 35' E.

Va. 13° 30' E.

10 Road brs. northwesterly.

300 To W. end Center.

An iron pipe 2 ins. diam. by 4 ft high, set firmly in the ground and surrounded with a md of stone 3½ ft base by 3 ft high, stamped W Cr.TB.

600 To Cor. No.4.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 4 TB 3737, with md of stone 3½ ft base by 3 ft high alongside.

No bearings are available.

MINERAL SURVEY NO. 3737

Feet

TWO BOYS Lode Cont'd

Thence N. 78° 25' E.
Va. 13° 30' E.

- 301.39 To Cor. No. 3, Black Prince lode of this Sur, heretofore described.
- 450 Road brs northwesterly.
- 1010 Road brs. northeasterly.
- 1500 To Cor.No.1, the place of beginning.

LODE LINES

As near as can be determined from present developments, the veins of the several locations embraced in this claim extend as follows from their respective discovery points;

Black Prince lode 55 ft N 78° 25' E and 1445 ft S 78° 25' W ✓
Two Boys lode 350 ft S 78° 25' W and 1150 ft N 78° 25' E. ✓

<u>AREA</u>	Acres
Total area Black Prince lode	20.661 ✓
Area in conflict with Sur.No.2191, Black Prince lode, 20.661	
Total area Two Boys lode	20.661 ✓

The Survey of each lode of this location is identical with the original location as staked upon the ground.

LOCATION.

This Survey is located in S W ¼ Sec. 35 T. 16 S.R. 12 E.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, or for the benefit of each of the locations embraced in said mining claim by the Claimant or its grantors, is not less than Five Hundred Dollars and that said improvements consist of;

MINERAL SURVEY NO. 3737

EXPENDITURE OF FIVE HUNDRED DOLLARS
Cont'dBLACK PRINCE Lode.

No.1 The discovery shaft, the center of which being the discovery point, ^{is} on the center line, 55 ft from the center of line 1-2, 4X6 ft 10 ft deep.

Value \$100.00

No. 2. A cut, the mouth of which brs from Cor.No.1 N 54° 30' W. 220 ft. 5 ft wide, 10 ft face, running S 54° E. 20 ft to face; from face is tunnel 4X6 ft running S 80° E. 10 ft to face; from same point is another tunnel 4X6 ft running S 30° W 10 ft to face.

Value Cut and Tunnels \$300.00

No.3. An incline shaft, the center of which brs from Cor.No.1 S 84° W. 275 ft, 4X6 ft. 120 ft deep.

Value \$1200.00

No.4 A shaft the center of which brs. from Cor. No.1, N. 84° 45' W. 340 ft. 4X6 ft 8 ft deep.

Value \$80.00

No. 5. A tunnel, the mouth of which brs. from Cor, No. 1, N 61° W. 310 ft, 4X6 ft, running S 60° E, 55 ft.

Value \$550.00

No. 6. A shaft, the center of which brs from Cor. No. 2, S 74° 30' W. 220 ft. 4X6 ft. 20 ft deep.

Value \$200.00

No.7. A shaft, on line 2-3, 180 ft from Cor.No.2 4X6 ft, 10 ft deep.

Value \$100.00

No.8. A shaft the center of which brs from Cor.No.1 N.19 W, 170 Ft., 4X6 ft, 10 ft deep.

Value \$100.00

TWO BOYS LODE.

No. 1 The discovery shaft, the center of which

MINERAL SURVEY NO. 3737

EXPENDITURE OF FIVE HUNDRED DOLLARS Cont'd

TWO BOYS Lode Cont'd

being the discovery point is on the center line 350 ft from the center of line 3-4, 4X6 ft. 8 ft deep.

Value \$80.00

No.2. A shaft, the center of which brs from Cor.No. 3, S 72° E. 675 ft, 4X6 ft. 30 ft deep.

Value \$300.00

No.3 A shaft, the center of which brs from Cor, No. 3, S 68° 30' E. 650 ft, 4X6 ft, 10 ft deep.

Value \$100.00

No.4 A cut, the S. end of which brs from Cor.No.1, N. 15° W. 280 ft. 5 ft wide, 10 ft deep, running N. 12° W 25 ft.

Value \$250.00

INSTRUMENT

This survey was made with a Gurley Mountain Transit. The courses were deflected from the true Meridian, as determined by direct solar observations. The distances were measured with a 500 ft steel tape.

REPORT.

The lode line of each location of this claim was run directly upon the ground, and the corners were established by running around the claims.

All tie lines were run directly upon the ground.

The S $\frac{1}{2}$ Cor. Sec. 35 T. 16 S. R. 12 E. consists of a limestone rock 4X10 ins. showing 12 ins. above ground, chiseled with 1/4 on N face.

A diligent search was made for the SW Cor. Sec. 35 T. 16 S. R. 12 E. and I failed to find any evidence of same.

Sur: No. 1649, Azurite and Jupiter lodes, all corners consist of limestone rocks, properly set and

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REPORT Cont'd.

chiseled with the number of the Corner and the Survey.

I find all courses and distances to be correct as approved, except line 4-1 Jupiter lode, which fails to furnish the distance as approved (1500 ft) and same is properly given in these field notes.

The tie from Cor. No. 1 Sur. No. 2191, Black Prince lode, fails to furnish the course and distance as approved, S 43° 11' E. 579.7, and same is properly given in these field notes.

As my assistant lives in the vicinity of this group of claims, and as there is no Notary Public within a long distance, I therefore proceeded to administer the necessary oath.

ADJOINING CLAIMS

This Survey is adjoined on the North by Extension No. 4 lode, ^{Unsur.} Claimant herein; on the East by JJJ No. 3 lode, unsur., Claimant unknown, and Sur. No. 1649, Azurite No. 4 lode; On the South by Sur. No. 1649 Jupiter, ^{lode,} and Vulcan No. 6 lode~~s~~, unsur. Claimant unknown; on the West by Extension No. 5 and Extension No. 6 lodes, unsur., Claimant herein.

MINERAL SURVEY NO 3737

SOLAR OBSERVATION.

not included in transcript

Direct Solar Observation taken Wed. Jan. 19, 1921 at 2.06 P.M

Solar time.

Sun bisected

Lat. 31 58'

Lon. 111 05'

Difference in time 9h 30m

Apparent declination 20° 23' 5.4''

Dec'l----- $\frac{5''}{20^{\circ} 18' 5''}$

$$\sin \frac{1}{2} A. = \sqrt{\frac{\sin (S-L)(S-H)}{\cos L \cos H}}$$

$$P = 90^{\circ} + \text{Dec'l} - 110^{\circ} 18' 5''$$

$$L = 31^{\circ} 58'$$

$$H = 30^{\circ} 08'$$

$$P = 110^{\circ} 18' 5''$$

$$2) \begin{array}{r} 172 \ 24 \ 5 \\ 86 \ 12 \end{array}$$

$$S-L = 54^{\circ} 14' \quad 9.9092371$$

$$S-H = 56^{\circ} 04' \quad 9.9189146$$

$$0.0714217$$

$$0.0630544$$

$$2) \begin{array}{r} 19.9626278 \\ 9.9813139 \end{array}$$

$$- 73-19' = \frac{1}{2} A.$$

$$146-38' = A.$$

$$180^{\circ}$$

$$\underline{146^{\circ} 38'}$$

S. $33^{\circ} 22'$ W. - Course of Sun.

$$134^{\circ} 57' \text{ Ang. to left from Sun.}$$

$$\underline{33^{\circ} 22'}$$

$$101^{\circ} 35'$$

$$180^{\circ}$$

$$\underline{101^{\circ} 35'}$$

N. $78^{\circ} 25'$ E Course of line

Set up at Cor No. 4 Black Prince lode- F.S. to Cor. No. 1.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of
The Mineral Hill Consolidated Copper Company
 known as the BLACK PRINCE and TWO BOYS lodes
 and showing the respective capacities in which they acted.

- Dionicio Olivas....., *Chainman.*
-, *Chainman.*
-, *Axman.*
-, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~ I, Dionicio Olivas
~~and~~....., do solemnly swear that ^Iwe assisted
T.N. Stevens....., United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The Mineral Hill Consolidated Copper Company
 known as the Black Prince and Two Boys lodes
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona

- Dionicio Olivas....., *Chainman.*
-, *Chainman.*
-, *Axman.*
-, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 23rd

day of January....., 1921

T.N. Stevens
US Mineral Surveyor
 -1013

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T. N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 10, 1921, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of The Mineral Hill Consolidated Copper Company, known as the BLACK PRINCE and TWO BOYS lodes, situate in Pima Mining District, Pima County, Arizona, in Section 35, Township No. 16 S., Range No. 12 E. G. & S. R. M., and designated as Survey No. 3737, 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 Surveyor General with said instructions, and that all the 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 improvements 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.



U. S. Mineral Surveyor.

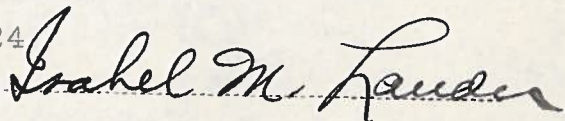
Subscribed and sworn to by the said T. N. STEVENS

U. S. Mineral Surveyor, before me Isabel M. Lauder a Notary Public

in and for Pima County, Arizona this 23rd

day of February, 1921

My Commission expires June 4 1924



Notary Public Pima County Ariz

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

April 14, 1921

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

The Mineral Hill Consolidated Copper Company

known as the BLACK PRINCE and TWO BOYS Lodes

situate in Pima

Mining District, Pima County, Arizona

in Section 35, Township No. 16 S., Range No. 12 E., and

designated as Survey No. 3737, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if

incorporated into a patent, serve fully to identify the premises, and that such reference is made therein

to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 9 shafts, 2 cuts and 3 tunnels, total value \$3360.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott

United States Surveyor-General for Arizona

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SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES
AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR
OFFICE OF U. S. SURVEYOR GENERAL

Phoenix, Arizona

April 14, 1921

I, U. S. Surveyor General for District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

The Mineral Hill Consolidated Copper Company

, known as the

BLACK PRINCE and TWO BOYS Lodes

situate in Pima mining district,

Pima County, Arizona

in Section 35, Township No. 16 S., Range No. 12 E.

, designated as Survey No. 3737

executed by T. N. Stevens, U. S. Mineral

Surveyor, January 19 - 23, 1921, under my instructions dated

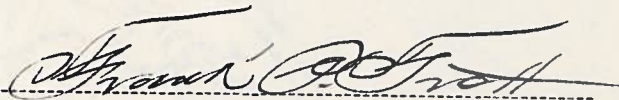
January 10, 1921, have been critically examined and the necessary cor-

rections 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.



U. S. Surveyor General for Arizona

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARIZONA STATE OFFICE

9605 (942)
M.S. 3737

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Two Boys lode, Mineral Survey No. 3737, located in sections 35, Townships 16 South, Range 12 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 facilitate a proposed land exchange with ASARCO Incorporated and to clear the record.

The Mineral Survey Plat should be noted as follows:

"Two Boys lode, M.S. 3737 was canceled January 30, 1992, by memo 9605 (942) M.S. 3737, which is now a part of the original field notes."

January 30, 1992
Date



Chief Cadastral Surveyor of Arizona

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARIZONA STATE OFFICE

9605 (922-TR)

January 16, 1992

Memorandum

To: Chief, Branch of Cadastral Survey
From: Deputy State Director, Mineral Resources
Subject: Mining Claim Verification

This is in response to your request for verification of mining claims in sections 3, 4, 5, 10, 14 and 15, T. 12 S., R. 8 E., section 35, T. 16 S., R. 12 E., sections 2 and 11, T. 17 S., R. 12 E., G&SRM. See the attachment for a list of the Survey Numbers, Claim Names, and Case File Serial Numbers (if available) and Status. So that the Mineral Surveys may or may not be canceled, we have checked if all of the lodes were recorded as required under FLPMA and that the annual assessment work has been kept up to date.

If you have any questions, please contact Tom Reitmeyer at extension 358.

Carol Busque

1 Attachment
1 - UNPATENTED CLAIMS (SURVEYED) (2 pp)

TOWNSHIP 17 SOUTH, RANGE 12 EAST
Sections 2 and 11

<u>Claim No. and Name:</u>	<u>Serial Number:</u>	<u>Status:</u>
3726	Elda B.	Not filed under FLPMA
1650	Gen No. 1 San Xavier	Not filed under FLPMA
2294	Vulcan No. 5	Not filed under FLPMA
2237	Prince Rupert AMC 5922	91 assessment on file
4295	Staple AMC 5917	91 assessment on file
4583	Jupiter Fraction No. 2	Not filed under FLPMA
4583	Hogle Fraction AMC 24398	Closed March 7, 1989
4548	Blackfoot AMC 24420	Closed March 7, 1989
3730	Red Oxide No. 3	Not filed under FLPMA