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to V. Jones 2/06.

(4-683.)

Mineral Survey No. 2191

Lot No. \_\_\_\_\_

Yuma Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mineral Hill Consolidated Copper Co.

KNOWN AS THE

Black Canyon Mining District,

Yuma County, Arizona

Section 35, Township 16 S., Range 12 E.

Surveyed under instructions dated January 9th, 1906

by Phillip Contz  
U. S. Deputy Mineral Surveyor

Claim located See location notices 1

Survey commenced January 15th 1906

Survey completed January 15th 1906

6-171

Address of Claimants Atty.

Chas. Plummer, Atty.

Tucson, Arizona.

File  
with  
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to V. Jan 22/06

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Mineral Survey No. 2191

Lot No. \_\_\_\_\_

Yuma Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mineral Hill Consolidated Copper Co.

KNOWN AS THE

Black Canyon Road

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Section 35, Township 16 S., Range 12 E.

Surveyed under instructions dated January 9th, 1906  
by Phillip Contz,  
U. S. Deputy Mineral Surveyor

Claim located See location notices

Survey commenced January 15th, 1906

Survey completed January 15th, 1906

Address of Claimants Atty.

Chas. Blumman, Atty.

Tucson, Arizona.

File  
copy  
with  
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# Black Prince Road

2

Beginning at Cor. No. 1

Identical with the S. E. cor. of the location which is a mound of stone, 3 ft. base and  $2\frac{1}{2}$  ft. high  
Also identical with Cor. No. 3 of the Azurite No. 4 Road Survey No. 1649 which is a cross (+) and 3-1649 chiseled on a limestone boulder in place, 30 ins. x 14 ins. x 6 ins. above the ground with mound of stone

I now chisel thereon 1-2191

From which the  $\frac{1}{4}$  section corner between Section 35, T. 16 S. R. 12 E. and Section 2 T. 17 S. R. 12 E. bears  $S 43^{\circ} 11' E.$  579.7 ft. dist.

And a limestone boulder in place 6 ft x 6 ft x 4 ft above the ground chiseled with a cross (x) and 3-1649 B.R. - 1-2191 B.R. bears  $S 48^{\circ} 40' W.$  71.8 ft. dist.

And a red butte bears  $S 74^{\circ} 50' E.$

And Cor. No. 1 of the Jupiter Road - Survey No. 1649 bears  $N. 78^{\circ} 25' E.$  189.2 ft.

Thence  $N. 11^{\circ} 35' W.$

$N. 12^{\circ} 45' E.$

On the line 3-4 of the Azurite No. 4 Road Ridge bears  $N. 8 S.$

50  
300  
to end centre monument.

Identical with the location which is a mound of stone 2 ft. base and  $1\frac{1}{2}$  ft. high

360  
440  
600  
Road, bears  $NW \& SE$

Wash. course  $N. W.$

Cor. No. 2

Identical with the location which is a mound of stone, 3 ft. base and  $2\frac{1}{2}$  ft. high.

Also identical with Cor. No. 4 of the Azurite No. 4 Road Survey 1649 which is a Quartzite stone 12 ins. by 10 ins. by 12 ins. above the ground and chiseled with a cross (x) and 4-1649

On which I now chisel 1-2191 on top and B.P. on SW face

From which a Palo Verde 4 ins. in diam. bears  $S 8^{\circ} W.$  72 ft. dist.

And a Palo Verde 5 ins. in diam. bears  $N 45^{\circ} E.$  33 ft. dist. both blazed and scribed 1-2191 B.T.

Thence S.  $78^{\circ} 25' W.$   
Var.  $12^{\circ} 50' E.$

40  
720  
1300  
1500

Wash, course NW.  
Road, bears N.  $82^{\circ} S.$   
Wash, course NE.  
Cor. No. 3.

Identical with the N.W. cor. of the location which is a mound of stone 3ft base and  $2\frac{1}{2}$  ft. high.

Set a limestone 24 ins. x 18 ins. x 12 ins., 12 ins. in the ground chiseled with a cross (x) and 3-2191 on top and B.P. on S.E. face and raised a mound of stone alongside and from which a mesquite 4 ins. in diam. bears S.  $82\frac{1}{2}^{\circ} W.$  43 ft. dist. and a Mesquite 5 ins. in diam. bears N.  $25\frac{1}{2}^{\circ} E.$  94 ft. dist. both blazed and peribed 3-2191 B.P.

Thence S.  $11^{\circ} 35' E.$   
Var.  $12^{\circ} 45' E.$

80  
300  
600

Wash, course NE.  
W. end centre monument.

Identical with the location which is a mound of stone 2 ft. base and 2 ft. high.

Cor. No. 4  
Identical with the S.W. cor. of the location which is a mound of stone 3ft base and  $2\frac{1}{2}$  ft. high.

Set a limestone 24 ins. x 12 ins. x 10 ins. 16 ins. in the ground chiseled with a cross (x) and 4-2191 on top and B.P. on N.E. face and raised a mound of stone alongside. From which a mesquite 8 ins. in diam. blazed and peribed 4-2191 B.P. bears N.  $17\frac{1}{2}^{\circ} E.$  73 ft. dist. and a mesquite 3 ins. in diam blazed peribed 4-2191 B.P. bears S.  $35\frac{1}{2}^{\circ} W.$  46 ft. dist.

Cor. No 4 of the Jupiter Road Survey No 1649 bears N.  $78^{\circ} 25' E.$  189.2 ft. dist.

Thence N.  $78^{\circ} 25' E.$   
Var.  $12^{\circ} 45' E.$

189.2

Cor. No 4 of the Jupiter Road Survey No 1649

On line 1 (Julien Road)

690  
1430  
1500

Track, beyond No. 5.  
Ridge, beyond No. 5.  
Or. No. 1 - the point of beginning.

Containing 20.661 Acres.

~ Punctuation ~

The claim is located in the S.W. 1/4 of Section 35. S. 16 & R. 12 E. S. 29 & R. 30 E.

~ Old Mining Claims

This claim is bounded on the ~~N~~ East by the Diprate No. 4 Rock Survey No. 1649 and partially by the South by the Julien Road Survey No. 1649

~ Corners of Claim ~

The four corner points of the vein of this lode is N. 78° 25' E. 150 ft. running from the West end corner to the East end corner of claim.

Exp. in district of Five Hundred Dollars

I certify that the value of the labor and improvements as shown by this claim, placed thereon by the claimant and their grantors, is not less than five hundred dollars, and that said improvements consist of

Two dressing shaft No. 1 - rough frame 8' x 25' x 140 ft. dia. from the east end center monument, 6 ft. x 5 ft. x 10 ft. deep. 1 stake 100.

And shaft No. 2 - which frame 8' x 10' x 90 ft. dia. from cor. No. 1 - 6 ft. x 5 ft. x 58 ft. deep. The flat form which supports total measurement with shaft 6 x 5 x 90 ft. long - 1 stake, 1 stake on

And shaft No. 3. 4x6x10 ft. deep bears S48°W 349 ft. dist.  
from east end center Value \$100.00

And a Pit No. 4 - 20x20x5 ft. average depth bears S34°W 350 ft. dist.  
from east end center Value \$100.00

And a shaft No. 5 - 4x6x10 ft. deep bears S27°W 150 ft. from  
east end center Value \$100.

And a shaft No. 6 - 4x6x10 ft. deep bears S10°E 178 ft. dist.  
from east end center Value \$100.

## Polaris Observation.

At corner No. 4 of the Black Prince Road  
January 15<sup>th</sup> 1906 at 11 hrs. 43.5 minutes P. M.  
local mean time I observed Polaris at its  
Western elongation. I mark this line  
by a tack in a stake 18 ins. long 400 ft.  
North of the corner. At 9:20 A. M. January  
16-1906 P. M. T. I deflect to the east the  
azimuth 1° 26'. From the meridian  
thus established I determine the courses of  
the lines of this survey which agree with the  
courses determined by solar observations within  
one minute.

## Instrument

This survey was made with a Young & Sons  
Right Mountain Transit. The courses were  
deflected from the true meridian, as determined  
by direct solar and polaris observations.  
The distances were measured with a  
100 ft. Coady steel tape.

Philip Coutzen  
U. S. Deputy Mineral Surveyor

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Pontzen  
 United States Deputy 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 Mineral  
Hill Consolidated Copper Co.  
 known as the Black Prince Lode  
 and showing the respective capacities in which they acted.

Frank Blair, Chainman.  
Harry Mallory, Chainman.  
Walter Percival, Axman.  
Walter Percival, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Frank Blair and Harry Mallory  
 and Walter Percival, do solemnly swear that we assisted Philip  
Pontzen, United States Deputy Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Mineral Hill Consolidated  
Copper Co.  
 known as the Black Prince Lode  
 represented in the foregoing field notes as having been surveyed by said deputy 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 instructions  
 furnished by the United States Surveyor-General for:

Frank Blair, Chainman.  
Harry Mallory, Chainman.  
Walter Percival, Axman.  
Walter Percival, Flagman.

Subscribed and sworn to by the above-named persons before me this 16th

day of January, 1906

H. G. Power



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Gontzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona Territory, dated January 9, 1906, 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 10 Mineral Hill Consolidated Copper Co, known as the 10 Jack & Annie's Lode, situate in Yuma Mining District, Yuma County, Yuma, in Section 35, Township No. 16.0., Range No. 12.0. and designated as Survey No. 2191, 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 etc 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.

Philip Gontzen  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Gontzen  
U. S. Deputy Mineral Surveyor, before me W. G. Power  
Notary Public this 16<sup>th</sup>  
day of January 1906.

W. G. Power

Affidavit of Five Hundred Dollars Improvements.

We, Frank K. Blair and Walter Percival

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Black Prince mining claim, situate in Pima

mining district, Pima County, Arizona Territory, for which Mineral

Hill Consolidated Copper Co.

has made application for survey prior to application for patent under the provisions of the Act of Congress approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and

it grantor exceed five hundred dollars in value, and further that we are not personally interested in said mine.

Frank K. Blair  
Walter Percival

TERRITORY OF ARIZONA,  
COUNTY OF Pima } ss:

Sworn to and subscribed before me this 16<sup>th</sup> day

[SEAL.]

of January, 1906  
H. G. Power

## amended Location Certificate. Law of 1895.

Territory of Arizona, } W.

County of Pima. }

Know all men by these presents, that C. B. Reiser attorney in fact for the Mineral Hill Consolidated Copper Co. the undersigned, have this 5th day of January 1906 amended, located and claimed and by these presents do amend, locate and claim by right of discovery and amended location in compliance with the mining Acts of Congress, approved May 10th, 1872, and all subsequent acts and with an act concerning mines, enacted by the Legislative Assembly of the Territory of Arizona, approved March 5th. 1895, amended March 2nd, 1899, and with local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Black Prince lode, vein, ledge, or deposit, along the vein thereof, with all its dips, angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface so far as can be determined from present developments, and all veins, lodes, ledges or deposit and surface ground within the lines of said claim. 40 feet running Easterly from center of discovery point and 1460 feet, running Westerly from center of discovery point said discovery point being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Pima Mining District, County of Pima, Territory of Arizona, described by metes and bounds as follows, to-wit: Beginning at corner No. 1, whence Mt. Baldy, Santa Rita Range North  $35^{\circ} 32'$  East: Rincon Peak N.  $74^{\circ} 25'$  East: Helmet Peak S.  $21^{\circ}$  East thence Northerly 300 feet to the East end center, thence Northerly 300 feet to corner No. 2, thence Westerly 1500 feet to corner No. 3, thence Southerly 300 feet to West end center, thence Southerly 300 feet to corner No. 4, thence 1500 feet to place of beginning.

This being the same lode originally located on the 15th day of March

TERRITORY OF ARIZONA, }  
County of Pima } ss.

I, Chas. A. Shibell County Recorder in and

for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy  
of Amended Location Certificate of the Black Prince lode,  
situated in Pinal Mining District, Pinal County A. T.

as appears of Record now in my office in Book K. K. Records of Mines Pages 355

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this 10<sup>th</sup> day  
of January A. D. 1906

Chas. A. Shibell  
County Recorder of Pima County, Arizona.  
by L. M. K. Deputy.

*[Faint vertical text in the left margin, possibly a date or reference number]*

1899 and recorded on the 12th day of May 1899, in Book 9. G. of Mines, 10  
page 286, in the office of the Recorder of Pima County.

This further and amended certificate of location is made without  
waiver of any previously acquired rights, but for the purpose  
of correcting any errors in the original location, description  
or record.

Witness:

J. L. Minter

Harry Malloy

E. B. Reeser, attorney in fact for  
The Mineral Hill Consolidated Copper Co.

## Black Prince Mining Claim.

Location Notice, Quartz claim. To all whom it may concern:  
 Annie Hughes pr. claims for mining purposes  
 600 feet wide and 1500 feet long in the form  
 of a parallelogram. Monuments of stones at  
 each corner at the center of each end and center  
 of each side line. This notice is placed in a  
 monument at the discovery shaft Forty 1/2 feet  
 from the South Center end of claim. General direction  
 South and North. Situated in Pima Mining District,  
 Pima County Arizona, about one mile north of the San

TERRITORY OF ARIZONA, } ss.  
 County of Pima

I, Chas. A. Shibell County Recorder in and

for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy

of Black Prince Mining Claim situated in Pima  
Mining Dist. Pima Co. A. T. located March 15<sup>th</sup>  
1899-

as appears of Record now in my office in Book G. G. Records of Mines Pages 286-

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this 20<sup>th</sup> day

of December A. D. 19 05.

Chas. A. Shibell  
 County Recorder of Pima County, Arizona.

by L. M. Shibell, deputy.

## Black Prince Mining Claim.

Location Notice. Quartz claim. To all whom it may concern:  
 Annie Hughes Jr. claims for mining purposes  
 600 feet wide and 1500 feet long in the form  
 of a parallelogram. Monuments of stone at  
 each corner at the center of each end and center  
 of each side line. This notice is placed in a  
 monument at the discovery shaft forty feet  
 from the south center end of claim. General direction  
 South and North. Situated in Pima Mining District,  
 Pima County Arizona, about one mile north of the  
 Xavier hoisting works. This claim is situated directly  
 north of the Jupiter mine. The south end of this claim  
 joins on the north side line of Jupiter mine. This claim  
 is bounded on the north by the Agurite No. 4 and  
 Red Prince mines, and shall be known as the Black  
 Prince mine. Located March 15 - 1899.

Annie Hughes Jr.

Witness Thomas Hughes Jr.

Filed & recorded at request of Thomas Hughes, May 12 - 1899.

Chas. A. Inghel  
 County Recorder.

Recorded B. G. J. Page 286.

## Black Prince Mining Claim.

Location Notice. Swartz claim. Is all whom it may concern  
 Annie Hughes, Sr. claims for mining purpose  
 600 feet wide and 1500 feet long in the form  
 of a parallelogram. Monuments of stones at  
 each corner at the center of each end and center  
 of each side line. This notice is placed in a  
 monument at the discovery shaft forty 40 feet  
 from the South Center end of claim. General direction  
 South and North. Situated in Pima Mining District,  
 Pima County Arizona, about one mile north of the San  
 Xavier hoisting works. This claim is situated directly  
 north of the Jupiter mine. The South end of this claim  
 joins on the North side line of Jupiter mine. This claim  
 is bounded on the North by the Agurite No. 4 and  
 Red Prince mines, and shall be known as the Black  
 Prince mine. Dated March 15-1899.

Annie Hughes Sr.

Witness Thomas Hughes Jr.

Filed & recorded at request of Thomas Hughes, May 12-1899.

Chas. A. Shibley

County Recorder.

Recorded B. G. G. Page 286.



Certified Copy of Report  
Primer Mining Co.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

Feb. 10 - 1906, 190

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Copper Hill Consolidated Copper Co.,

known as the Black Prince Lode,

situate in Pima

Mining District, Pima County, Arizona,

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

designated as Survey No. 2191, 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 S Shafter's Cut, Value \$1000.00

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.

(Signed) Frank S. Ingalls

United States Surveyor-General for Arizona.

(4-687.)

# 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, .....

Feb 15, 1906, 18 .

I, U. S. Surveyor General for Arizona, .....,  
do hereby certify that the foregoing and hereto attached Field Notes and Return of the  
Survey of the Mining Claim of Mineral Hill Consolidated Copper Co. ....

....., known as the

Black Prince Lode, .....

situate in Pima ..... mining district,

Pima ..... County, Arizona, .....

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

....., designated as Survey No. 2191 .....

executed by Philip Contzen, ....., U. S. Deputy Mineral

Surveyor, January 15th, 1906, 18, under my instructions dated

January 9th, 1906, 18, have been critically examined and the

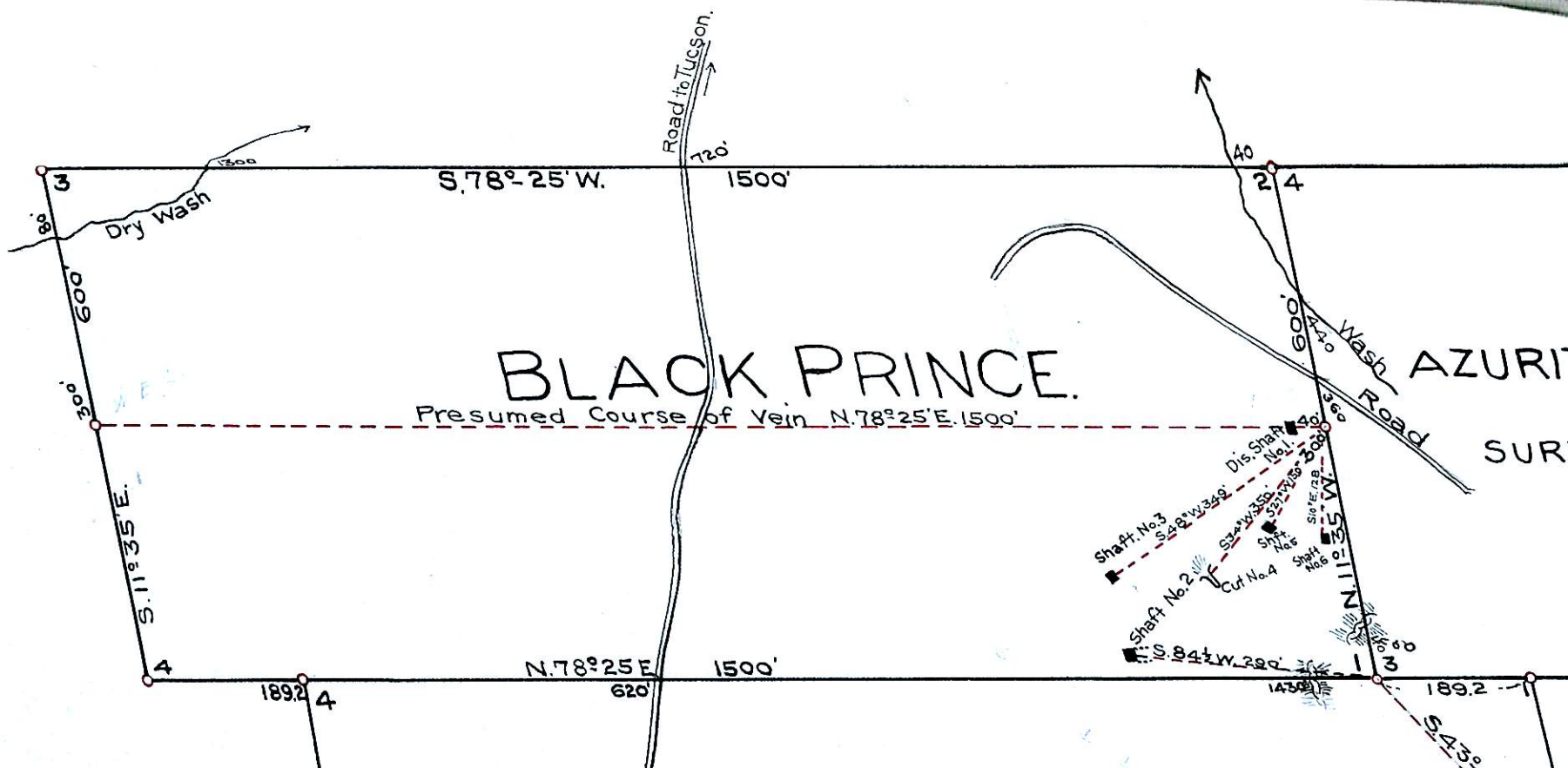
necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.



U. S. Surveyor General for Arizona, .....



BLACK PRINCE.

Presumed Course of Vein N. 78° 25' E. 1500'

AZURITE No. 4

SURVEY 1649

JUPITER  
SURVEY No. 1649

Section 35  
T. 16 S., R. 12 E.

Cor. between  
S. 35 - T. 16 S. R. 12 E. and  
S. 2 - T. 17 S. R. 12 E.

# Survey No. 2191

## Gila Land District.

SURVEYED JAN. 15 - 1906

By Philip Contzen  
U.S. Dep. Min. Surveyor.

Scale: 1" = 200'