

MINERAL SURVEY No. 3555

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mrs. Ann Hughes

KNOWN AS THE

Black Hawk No 1, Black Hawk No 2, Black Hawk No 3, Black Hawk No 4, Black Hawk No 5 lodes

WARREN Mining District,

Cochise County, Arizona

Section 21 and 28, Township 23 S., Range 25 E G & S R B & M

Surveyed under instructions dated February 19th 1919.

by Ralph L. Motz U. S. Mineral Surveyor.

Claim located see location notices 1919

Survey commenced March 1st, 1919.

Survey completed March 4th, 1919.

Address of claimant's attorney. O. Gibson,

Tombstone, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3555

Claims		M & B Desc.	Improvements	Loc. Notices
Black Hawk No.	No.	Pg.	Pg.	<u>Red</u> <u>Pg.</u>
	1	1	7	1
"	2	2	8	5
"	3	3	8	2
"	4	4	8	6
"	5	5	8	3

Feet.

BLACK HAWK NO. 1. lode

Beginning at Cor No 1, the S E Cor, identical with location and with the northeast corner of Old Beck lode, unsurveyed, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3555 B H 1, whence a quartzite ledge with 17 x 28 x 19 ins high exposure and chiseled B R x 1-3555 brs S 3° 20' W 14.6 ft., and a second quartzite ledge with 24 x 41 x 23 ins high exposure and like chiseling brs S 71° 38' W 15.0 ft. The 1/4 Cor between Secs. 28 and 33, T. 23 S., R. 25 E., G & S R B & M brs S 0° 35' E 1560.7 ft.

thence N 62° 17' W

- 85.6- cross gulch, course northerly and southerly,
 169.0 cross gulch, course northeasterly and southwesterly,
 257.3 cross gulch, course northeasterly and southwesterly,
 300.0 to original location for south end center, being a mound of stones 3 ft high with a 3 ft base,
 600.0 to Cor No 2, the S W Cor, identical with location and with the northwest, northeast and southeast corners of Old Beck, Oneka and Happy Find lodes, all unsurveyed, respectively, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3555 B H 1, whence a quartzite ledge with 8 x 31 x 31 ins high exposure, chiseled B R x 2-3555 brs N 13° 15' E 28.7 ft., and a second quartzite ledge with 12 x 32 x 17 ins high exposure with like chiseling brs S 69° 35' W 11.5 ft.
- thence N 28° 55' E
- 779.0 cross gulch; course easterly and westerly,
 1495.8 to Cor No 3; the N W Cor, identical with location and with Cors No 3 and 4 and the northeast corner of Black Hawk No 3 and Black Hawk No 4 lodes of this survey, and Happy Find lode, unsurveyed, respectively, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3555 B H 1, whence a quartzite ledge with 18 x 29 x 3 ins high exposure and chiseled B R x 3-3555 brs S 34° 34' W 13.2 ft., and a second quartzite ledge with 31 x 50 x 4

ins high exposure with like chiseling brs N 49° 17' W 16.6 feet.

thence S 62° 17' E

300.0 along line 4-3 Black Hawk No 4 lode of this survey to the north end center identical with location and with the south end center Black Hawk No 4 lode of this survey, a mound of stones 3 ft high with a 3 ft base,

309.5 cross gulch, course southeasterly and northwesterly,

600.0 to Cor No 4, the N E Cor, identical with location and with Cor No 3 Black Hawk No 4 lode of this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3555 B H 1, whence a limestone ledge with 12 x 13 x 7 ins high exposure chiseled B R x 4-3555 brs N 81° 18' E 15.8 ft., and a second limestone ledge with 11 x 20 x 19 ins high exposure with like chiseling brs N 30° 16' E 17.4 ft.

thence S 28° 55' W

131.0 cross gulch, course southeasterly and northwesterly,

338.0 cross gulch, course easterly and westerly,

1231.0 cross gulch, course northeasterly and southwesterly,

1495.8 to Cor No 1, the place of the beginning.

BLACK HAWK NO. 2. lode.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 1 Black Hawk No 5 lode of this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3555 B H 2, whence the 1/4 Cor between Secs. 21 and 28, T. 23 S. R. 25 E. G & S R B & M brs N 20° 11' E 218.6 ft.

thence S 62° 17' E

300.0 along line 1-4 Black Hawk No 5 lode of this survey to original location for north end center, being a mound of stones 3 ft high with a 3 ft base,

600.0 to Cor No 2, the N E Cor, identical with location and with Cor No 1 Black Hawk No 3 lode of this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3555 B H 2. No bearings available.

thence S 62° 17' E

260.0 along line 1-4 Black Hawk No 5 lode of this survey, cross gulch, course northeasterly and southwesterly,

300.0 to original location for north end center, being a mound of stones 3 ft high with a 3 ft base,

600.0 to Cor No 2, the N E Cor, identical with location and with Cor No 1 Black Hawk No 4 lode of this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3555 B H 3, whence a limestone ledge with 12 x 14 x 4 ins high exposure chiseled B R x 2-3555 brs N 83° 02' E 19.5 ft., and a second limestone ledge with 12 x 20 x 7 ins high exposure with like chiseling brs S 76° 25' E 15.2 ft.

thence S 28° 55' W

1495.0 along line 1-4 Black Hawk No 4 lode of this survey to Cor No 3, the S E Cor, identical with location and with Cor No 3 Black Hawk No 1 lode of this survey, heretofore described to which I add 3-3555 B H 3 for this claim.

thence N 62° 17' W

300.0 to original location for south end center, being a mound of stones 3 ft high with a 3 ft base,

600.0 to Cor No 4, the S W Cor, identical with location and with Cor No 3 Black Hawk ^{No.2} lode of this survey, heretofore described to which I add 4-3555 B H 3 for this claim.

thence N 28° 55' E

1495.0 along line 3-2 Black Hawk No 2 lode of this survey, to Cor No 1 the place of the beginning.

BLACK HAWK NO. 4. lode.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 2 Black Hawk No 3 lode of this survey, heretofore described to which I add 1-3555 B H 4 for this claim. The 1/4 Cor between Secs. 21 and 28, T. 23 S., R. 25 E. G & S R B & M brs N 52° 17' W 1247.6 ft.

thence S 62° 17' E

300.0 to north end center, identical with location and with Cor No 4 Black Hawk No 5 lode of this survey, a pine post 4 ft

Feet.	
	long 4 ins sq set 18 ins in the ground in a mound of stones and scribed N E C T B H 4 - 3555.
600.0	to Cor No 2, the N E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3555 B H 4, whence a limestone ledge with 37 x 49 x 3 ins. high exposure chiseled B R x 2-3555 brs N 23° 15' W 7.4 ft., and a second limestone ledge with 27 x 31 x 4 ins. high exposure with like chiseling brs. S 9° 52' E 15.3 ft., thence S 28° 55' W
623.0	cross gulch, course easterly and westerly,
1495.0	to Cor No 3, the S E Cor, identical with location and with Cor No 4 Black Hawk No 1 lode of this survey, heretofore described to which I add 3-3555 B H 4 for this claim. thence N 62° 17' W
290.5	along line 4-3 Black Hawk No 1 lode of this survey, cross gulch, course southeasterly and northwesterly,
300.0	to south end center, identical with location and with the north end center Black Hawk No 1 lode of this survey, heretofore described.
600.0	to Cor No 4, the S W Cor, identical with location and with Cor No 3 Black Hawk No 1 lode of this survey, heretofore described to which I add 4-3555 B H 4 for this claim. thence N 28° 55' E
1495.0	along line 3-2 Black Hawk No 3 lode of this survey to Cor No 1 the place of the beginning. -----
	BLACK HAWK NO. 5. lode
	Beginning at Cor No 1, the S W Cor, identical with location and with Cor No 1, Black Hawk No 2 lode of this survey, heretofore described to which I add 1-3555 B H 5 for this claim. The 1/4 Cor between Secs. 21 and 28, T. 23 S., R. 25 E., G & S R B & M brs N 20° 11' E 218.6 ft. thence N 28° 55' E
235.1	intersect line between Secs. 21 and 28, T. 23 S., R. 25 E. at N 89° 07' E 38.2 ft from the 1/4 Cor between Secs. 21 and 28, and S 89° 07' W 2601.8 ft from the Cor of Secs.

- 21, 22, 27 and 28, T. 23 S., R. 25 E.
- 300.0 to original location for west end center, being a mound of stones 3 ft high with a 3 ft base,
- 600.0 to Cor No 2, the N W Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3555 B H 5. No bearings available.
- thence S 62° 17' E
- 661.5 intersect line between Secs. 21 and 28, T. 23 S., R. 25 E. at N 89° 07' E 800.3 ft. from the 1/4 Cor between Secs. 21 and 28, and S 89° 07' W 1839.7 ft from the Cor of Secs. 21, 22, 27 and 28, T. 23 S., R. 25 E.
- 1043.0 cross gulch, course northeasterly and southwesterly,
- 1500.0 to Cor No 3, the N E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3555 B H 5. No bearings available.
- thence S 28° 55' W
- 300.0 to original location for east end center, being a mound of stones 3 ft high with a 3 ft base,
- 600.0 to Cor No 4, the S E Cor, identical with location and with the north end center Black Hawk No 4 lode of this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3555 B H 5, whence a limestone ledge with 36 x 50 x 4 ins high exposure chiseled B R x 4-3555 brs S 38° 04' W 10.3 ft. and a second limestone ledge with 120 x 123 x 6 ins high exposure with like chiseling brs N 23° 02' W 21.2 ft.
- thence N 62° 17' W
- 300.0 to Cors No 1 and 2 of Black Hawk No 4 and Black Hawk No 3 lodes of this survey, respectively,
- 600.0 to north end center Black Hawk No 3 lode of this survey,
- 640.0 cross gulch, course northeasterly and southwesterly,
- 900.0 to Cors No 1 and 2 of Black Hawk No 3 and Black Hawk No 2 lodes of this survey, respectively,
- 1200.0 to north end center Black Hawk No 2 lode of this survey,
- 1500.0 to Cor No 1, the place of the beginning.

LEDGES.

BLACK HAWK NO.1

The presumed course of the vein on this claim is from the north end center S 28° 55' W 1495.8 ft.

BLACK HAWK NO.2.

The presumed course of the vein on this claim is from the north end center S 28° 55' W 1495.0 ft.

BLACK HAWK NO.3.

The presumed course of the vein on this claim is from the north end center S 28° 55' W 1495.0 ft.

BLACK HAWK NO.4.

The presumed course of the vein on this claim is from the north end center S 28° 55' W 1495.0 ft.

BLACK HAWK NO.5.

The presumed course of the vein on this claim is from the east end center N 62° 17' W 1500.0 ft.

AREAS.

Total area of Black Hawk No 1- - - - -	20.599 A. ✓
Total area of Black Hawk No 2- - - - -	20.588 A. ✓
Total area of Black Hawk No 3- - - - -	20.588 A. ✓
Total area of Black Hawk No 4- - - - -	20.588 A. ✓
Total area of Black Hawk No 5- - - - -	20.656 A. ✓

LOCATION.

This survey is located in Secs. 21 and 28, T. 23 S., R. 25 E., G & S R B & M, in the Warren Mining District, Cochise County, Arizona.

IMPROVEMENTS.

I hereby certify that the value of the labor and improvements placed upon or for the benefit of each claim of this survey, by the claimant or her grantors, was at the time of survey as follows:-

BLACK HAWK NO. 1.

No. 1.	Discovery shaft 4 x 6 x 10 ft deep. brs from north end center on lode line 500 ft.	Value \$75.00
No. 2.	Shaft 4 x 7 x 21 ft deep brs from Cor No 3 S 14° 39' E 182.8 ft.	Value 225.00
No. 3.	Shaft 5 x 7 x 11 ft deep brs from Cor No 3 S 45° 10' E 214.8 ft.	Value 100.00
No. 4.	Shaft 4 x 6 x 10 ft deep brs from point on line 4-1 S 28° 55' W 848.0 ft from Cor No 4 N 76° 13' W 80.1 ft.	Value 75.00

No.5.	Shaft 4 x 6 x 8 ft. deep brs from same point S 58° 18' W 170.9 ft.	Value	<u>\$ 60.00</u>
	Total		\$535.00

BLACK HAWK NO. 2.

No.1.	Discovery cut 4 x 8 x 12 ft long brg S 63° E, the face of which brs from south end center on lode line 330.0 ft.	Value	\$ 50.00
No.2.	Shaft 4 x 6 x 10 ft deep brs from south end center N 46° 32' E 278.3 ft.	Value	50.00
No.3.	Shaft 4 x 6 x 10 ft deep brs from south end center N 43° 49' E 356.8 ft.	Value	50.00
No.4.	Open cut 4 x 10 x 10 ft long brg N 76° E, the mouth of which brs from point on line 4-1 N 28° 55' E 553.3 ft from Cor No 4, N 54° 42' E 108.0 ft.	Value	50.00
No.5.	Shaft 5 x 6 x 10 ft deep brs from point on line 4-1 N 28° 55' E 850.1 ft from Cor No 4, S 45° 24' E 157.0 ft.	Value	75.00
No.6.	Shaft 5 x 6 x 20 ft deep brs from north end center S 13° 31' W 568.0 ft.	Value	225.00
No.7.	Shaft 6 x 7 x 8 ft deep brs from north end center S 7° 43' W 539.0 ft.	Value	100.00
No.8.	Shaft 5 x 7 x 10 ft deep brs from north end center S 16° 37' W 92.0 ft.	Value	<u>100.00</u>
	Total		\$700.00

BLACK HAWK NO. 3.

No.1.	Discovery Open cut 4 x 10 x 12 ft long brg S 63° E, the face of which brs from north end center on lode line 500.0 ft.	Value	\$ 75.00
No.2.	Open cut 7 x 9 x 10 ft long brg west, the mouth of which brs from point on lode line 503.0 ft from north end center, N 43° 26' W 73.3 ft.	Value	100.00
No.3.	Open cut 4 x 9 x 16 ft long with tunnel at face 4 x 6 x 33 ft long, both brg S 83° E, the mouth of open cut brs from point on lode line 792.5 ft from north end center, S 84° 46' E 85.0 ft. Total value \$450.00. This tunnel is being driven to cut the country covered by the Black Hawk No 3 claim and the Black Hawk No 4 claim. The tunnel will gain a depth of 250 feet below the surface of the Black Hawk No 4 claim. It has therefore been considered as a common improvement for Black Hawk No 3 and Black Hawk No 4 claims of this survey. The reason no portion has been allotted to the other claims of this survey is that the tunnel is pointed away from the ground covered by the other locations. 1/2 allotted to this claim		225.00
No.4.	Open cut 5 x 8 x 10 ft long brg S 80° W, the mouth of which brs from same point S 37° 17' E 55.5 ft.	Value	75.00

No.5.	Open cut 4.5 x 10 x 14 ft long, with tunnel at face 4 x 6 x 26.5 ft long, both brg west, the mouth of open cut brs from point on lode line 970.7 ft from the north end center S 69° 47' E 151.4 ft.	Value \$400.00
No.6.	Open cut 4 x 7 x 20 ft long with tunnel at face 4 x 6 x 23 ft long, both brg S 44° W, the mouth of open cut brs from same point S 11° 16' W 260.5 ft.	Value 350.00
No.7.	Open cut 4 x 8 x 8 ft long brg S 40° W, the mouth of which brs from same point S 23° 36' E 328.6 ft.	Value 40.00
No.8.	Open cut 4.5 x 10.5 x 22 ft long brg S 53° E, with tunnel at face 4.5 x 6 x 15 ft long, brg S 65° E, the mouth of open cut brs from same point S 29° 19' E 322.8 ft. Value \$410.00 This tunnel is situated on both the Black Hawk No 3 and Black Hawk No 4 lodes of this survey, and 1/2 interest has been allotted to each of these two claims. 1/2 interest allotted to this claim	205.00
Total		\$ 1470.00

BLACK HAWK NO. 4.

No.1.	Discovery shaft 4 x 6 x 10 ft deep brs from north end center on lode line 730 ft.	Value \$ 75.00
No.2.	Shaft 4 x 7 x 10 ft deep brs from point on line 2-3 S 28° 55' W 558.6 ft. from Cor No 2, N 86° 18' W 407.3 ft.	Value 100.00
No.3.	Shaft 4 x 6 x 8 ft deep brs from Cor No 4 N 58° 39' E 248.4 ft.	Value 60.00
	1/2 interest in Improvement No 3 Black Hawk No 3 lode of this survey, allotted to this claim	225.00
	1/2 interest in Improvement No 8 Black Hawk No 3 lode of this survey, allotted to this claim	205.00
Total		\$665.00

BLACK HAWK NO. 5.

No.1.	Discovery shaft 4 x 6 x 10 ft deep brs from west end center on lode line 275.0 ft.	Value \$ 50.00
No.2.	Open cut 6 x 8 x 10 ft long brg west, the mouth of which brs from west end center on lode line 900.0 ft.	Value 50.00
Total		\$100.00
Total improvements on group		\$3470.00

Note. Affidavit of additional improvements on Black Hawk No 5 lode, will be furnished prior to the expiration of the period of publication of the notice of application for patent.

INSTRUMENT.

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined by a solar observation. The distances were measured with a 100 and 300 foot steel tape. Magnetic variation 12° 30' East at all corners.

ADJOINING CLAIMS.

South
and
West.

Old Beck, Happy Find and Charlotte, all unsurveyed and owned by J. Muheim.

REPORT.

1/4 Cor between Secs. 21 and 28, T. 23 S., R. 25 E., is a quartzite rock 6 x 12 x 12 ins above ground, chiseled 1/4 on south face. A monument of rocks 3 feet north.

Cor of Secs. 21, 22, 27 and 28 is a limestone rock 5 x 7 x 9 ins above ground, chiseled II on south face, III on east face. A monument of rocks 2 ft north.

1/4 Cor between Secs. 28 and 33 is a X chiseled on south face of quartzite ledge with 13 x 13 x 21 ins high exposure. A monument of rocks 3 feet west.

Ralph L. Mox

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

March, 8th, 1919.

oooooooooooo

= 29° 33' W
39.70
28
40.09
589° 46' E

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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

Mrs. Ann Hughes,

known as the Black Hawk No 1, Black Hawk No 2, Black Hawk No 3, Black Hawk No 4 and Black Hawk No 5 lodes and showing the respective capacities in which they acted.

John Caretto, *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~Me,~~ I, John Caretto

~~XXXX~~....., do solemnly swear that ~~we~~ ^I assisted

Ralph L. Motz, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Mrs. Ann Hughes

known as the Black Hawk No 1, Black Hawk No 2, Black Hawk No 3, Black Hawk No 4 and Black Hawk No 5 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~~ ^{my} 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

John Caretto, *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman*

Subscribed and sworn to by the above-named persons before me this 8th

day of March, 19 19.

JW Ross

Notary Public in and for the County of Cochise State of Arizona.

My commission expires Feb 21 1920.

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 19th, 1919., 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 Mrs. Ann Hughes, known as the Black Hawk No 1, Black Hawk No 2, Black Hawk No 3, Black Hawk No 4, Black Hawk No 5 lodes situate in Warren Mining District, Cochise County, Arizona, in Section s 21 and 28, Township No. 23 S., Range No. 25 E. G & SR B & M, and designated as Survey No. 3555, 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 her 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me J. W. Ross, Notary Public
this 8th
day of March, 19 19.

J W Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires Febry 21, 1920.

4-688

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 17, 1919

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 MRS., ANN HUGHES known as the BLACK HAWK NO. 1, BLACK HAWK NO. 2, BLACK HAWK NO. 3, BLACK HAWK NO. 4, BLACK HAWK NO. 5 lodes, situate in WARREN Mining District, COCHISE County, ARIZONA, in Sections 21 and 28, Township No. 23 S., Range No. 25 E., and designated as Survey No. 3555, 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 improved or for each of except the Black Hawk No. 5 improvements made upon said mining claims by claimant or her grantors, and that said improvements consist of at time of survey, 15 shafts, 11 cuts and 1 tunnel, total value \$3470.

One-half of the value of improvements Nos. 3 & 8 on the Black Hawk No. 3 lode is credited to each the Black Hawk No. 4 and the said Black Hawk No. 3 lodes, the former being a common improvement for the benefit and development of those two lodes, and the latter being situated on both of said lodes.

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.

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,

June 17, 1919

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 MRS. ANN HUGHES,

known as the

BLACK HAWK NO. 1, BLACK HAWK NO. 2, BLACK HAWK NO. 3, BLACK HAWK NO. 4, BLACK HAWK NO. 5, Lodes,

situate in WARREN mining district, COCHISE County, ARIZONA,

in Sections 21 and 28, Township No. 23 S., Range No. 25 E., G. & S. R. B. & M., designated as Survey No. 3555

executed by RALPH L. MOTZ, U. S. Mineral Surveyor, March 1 - 4, 1919, under my instructions dated

February 19th, 1919, 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.

[Handwritten signature]

U. S. Surveyor General for Arizona.

DEC 31 1919

I hereby certify that the value of labor performed and improvements made upon the claims embraced in Mineral Survey No. 3555 by the claimant or her grantors is not less than \$500.00 for each claim and that said improvements in addition to those which were reported at the time of survey, consist of:-

BLACK HAWK NO. 5

No. 3. Open cut 4 x 8 $\frac{1}{2}$ x 24 $\frac{1}{2}$ ft. long, with tunnel at face 4 x 6 x 30 ft. long, both bearing S 20° E., the mouth of open cut bears from a point on line 4-1 N. 62° 17' W. 300.0 ft. from Cor. No. 4, N. 20° W. 100.0 ft.
Value \$410.00

Ralph L. Motz
U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

December 10th, 1919.

I, Ralph L. Motz, U. S. Mineral Surveyor for the District of Arizona, first being duly sworn, depose and say that the above supplemental report is true and correct and that the improvements mentioned therein were made and completed prior to the date of the expiration of the publication of the notice of application for patent to lands embraced in Mineral Survey No. 3555.

Ralph L. Motz
U. S. Mineral Surveyor.

State of Arizona.)
County of Cochise) ss.

Subscribed and sworn to by said Ralph L. Motz, before me, a Notary Public in and for the County of Cochise, State of Arizona, this 10th day of December 1919, A. D.

Charles Woods
Notary Public.

My Commission expires May 23, 1921.



(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or her ^{or for each of} grantors, upon the mining claim^s of
Mrs. Ann Hughes,

known as the Black Hawk No. 1, Black Hawk No. 2, Black Hawk No. 3,
Black Hawk No. 4, and Black Hawk No. 5 lodes,
situate in WARREN mining district,

Cochise County, Arizona,

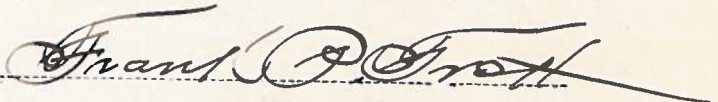
in Section 21 & 22, Township No. 23 S., Range No. 25 E., G&SRB&M;

that said improvements consist of 15 shafts, 12 cuts, and 2 tunnels,

Total value \$5880.00, of which 1 cut and 1 tunnel is covered
by supplemental report hereto attached:

No. 3, Black Hawk No. 5, value \$410.00

, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Ralph L. Metz, U. S. Deputy Mineral Surveyor, dated
December 10, 1919, 18 , is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona,

JAN 30 1920, 1