

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4489

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Banner Mining Company

Known As The

Klondyke & Atlanta Lodes

Pima Mining District,

Pima County, Arizona

Section 6, Township 18S, Range 13E. G.&S.R.B.&M.

May 20, 1959

Surveyed under order dated Amended July 19, 1960

by Harvey W. Smith  
Mineral Surveyor.

Claim located Klondyke Sept. 5, 1897  
Atlanta Feb. 11, 1901, 19

Survey commenced June 1, 1959

Survey completed Sept. 1, 1960

Address of claimant P.O. Box  
Tucson, Arizona

DATES OF AMENDED LOCATIONS

Atlanta Sept. 17, 1959

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 1000

Arizona

FIELD NOTES

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Chains  
Feet

This survey was made with a C.L. Berger & Sons transit No. 15045, with horizontal limb  $6\frac{1}{2}$  ins. diam. having two double opposite verniers and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the instrument is equipped with a colored eye-shade to be attached 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 horizontal-angles-right referred to the meridian established by the following direct observation on the sun: At 7:45 AM. on June 13, 1959, at Cor. No. 2 of the Klondyke lode, latitude  $31^{\circ}53'01.9''N$ , longitude  $111^{\circ}03'30.94''W$ , turning from a reference point about 500 ft. southwest clock-wise to the sun in an east direction.

True bearing of the reference pt.  
 $S. 7^{\circ}04'W$ .

The lines were measured with a Lufkin steel tape, 300 ft. in length graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was compared to a standard at the beginning of the survey and found to be correct.

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  $13^{\circ}30'E$ .

KLONDYKE LODGE

Beginning at Cor. No. 1 of the Klondyke lode, identical with Cor. No. 2, Sur. No. 3509, Klondyke lode.

A galvanized iron post, firmly set, marked and witnessed as described in the official record.

I change the markings to MS 4489 K 1 X; from which

The south  $\frac{1}{2}$  cor., sec. 1, T. 18S., R. 12E., G. & S. R. B. & M. bears  $S. 45^{\circ}46'30''W$ , 5,392.38 ft. dist.; a stone 6x8 ins. in size, 5 ins. above ground marked and witnessed as described in the official record.

Cor. No. 3, identical with Cor. No. 4, Sur. 2643 of the Copper Queen and Copper Clance lodes, respectively; bears  $N. 70^{\circ}27'E$ , 760.43 ft. dist.

A mound of stones constructed adjacent to the iron post, firmly set, marked and witnessed as described in the official record.

I change the markings to MS 4489 K 1 X; from which

SURVEY NO. 4489

(2)

Chains	Feet	
		Thence N.7°04'E.
	300.32	Lode line; discovery pt. bears S.62°01'30"E., 300.00 ft.
	547.91	Intersect line 2-3, Sur. No.2643, Copper Queen lode; Cor. No.3 bears S.65°59'E., 710.72 ft. dist.
	600.32	Cor. No.2 identical with Cor. No.1, Sur. No.3509, Klondyke lode; Found a galvanized iron post, firmly set, marked and witnessed as described in the official record. I change the markings to MS 4489 K 2 X; from which A mound of stones constructed adjacent to the iron post.
		Thence S.62°01'30"E.
	727.63	Intersect line 3-4, Copper Queen lode identical with line 4-1, Copper Glance lode, both of Sur. No.2643; Cor. No.3 of the Copper Queen lode identical with Cor. No.4 of the Copper Glance lode, bears S.7°04'W., 0.26 ft. dist.
	798.00	Twin Buttes paved highway; bears N.10°W. and S.10°E.
	1477.97	Cor. No.3 identical with Cor. No.4, Klondyke lode and Cor. No.1, Atlanta lode, both of Sur. No.3509 and identical with Cor. No.2, Atlanta lode of this survey. Found a galvanized iron post, firmly set, marked and witnessed as described in the official record. I change the markings to MS 4489 K 3 A 2 X; from which A mound of stones constructed adjacent to the iron post.
		Thence S.7°04'W.
	139.69	Intersect line 3-4, Sur. No.2643, Copper Glance lode; Cor. No.4 bears N.59°15'W., 765.39 ft. dist.
	300.0	Lode line; discovery pt. bears N.62°01'30"W., 1177.97 ft.
	599.83	Cor. No.4, identical with Cor. No.3, Klondyke lode and Cor. No.2, Atlanta lode, both of Sur. No.3509 and identical with Cor. No.1, Atlanta lode, of this survey. Found a galvanized iron post, firmly set, marked and witnessed as described in the official record. I change the markings to MS 4489 K 4 A 1 X; from which

Chains  
Feet

The S. 1/2 cor. sec. 1, T. 18 S., R. 12 E., G. & S. R. B. & M. bears S. 59° 18' 30" W., 6,011.54 ft. dist.; previously described.

Cor. No. 3 identical with Cor. No. 4, Sur. 2643 of the Copper Glance and Copper Bullion lodes respectively, bears N. 69° 20' E., 656.02 ft. dist.

A mound of stones constructed adjacent to the iron post.

Thence N. 62° 03' W.

717.0 Twin Buttes paved highway; bears N. 20° E. and S. 20° W.

1477.65 Cor. No. 1 and place of beginning.

ATLANTA LODE

Beginning at Cor. No. 1 of the Atlanta lode, identical with Cor. No. 2, Atlanta lode and Cor. No. 3, Klondyke lode, both of Sur. No. 3509 and identical with Cor. No. 4, Klondyke lode of this survey; previously described.

Thence N. 7° 04' E.

299.83 Lode line; discovery pt. bears S. 70° 09' E., 1200 ft. dist.

560.14 Intersect line 3-4 Sur. No. 2643; Copper Glance lode; Cor. No. 3 bears S. 59° 15' E., 634.14 ft. dist.

599.83 Cor. No. 2, identical with Cor. No. 1, Atlanta lode and Cor. No. 4, Klondyke lode, both of Sur. No. 3509 and identical with Cor. No. 3, Klondyke lode of this survey; previously described.

Thence S. 59° 01' E.

635.28 Intersect line 2-3, Copper Glance lode identical with line 4-1 Copper Bullion lode, both of Sur. 2643; Cor. No. 3, Copper Glance lode identical with Cor. No. 4 Copper Bullion lode bears S. 7° 04' W., 36.86 ft. dist.

1433.65 Cor. No. 3 identical with Cor. No. 4, Sur. No. 3509, Atlanta lode.

Found a galvanized iron post 18 ins. long, firmly set, marked and witnessed as described in the official record.

I change the markings to MS 4489 A 3 X; from which

A mound of stones constructed adjacent to the iron post.

Thence S. 7° 04' W.

Chains Feet	<p>Intersect line 3-4, Sur. No. 2643, Copper Bullion lode; Cor. No. 4 bears N. 61° 26' 15" W., 784.39 ft. dist.</p> <p>Lode line; discovery pt. bears N. 70° 09' W.; 143.76 ft. dist.</p> <p>Cor. No. 4, identical with Cor. No. 3, Sur. No. 3509, Atlanta lode.</p> <p>Found a galvanized iron post, firmly set, marked and witnessed as described in the official record.</p> <p>I change the markings to MS 4489 A 4 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p>	<p>Atlanta lode Thence N. 70° 09' W.</p> <p>Cor. No. 1 and place of beginning.</p> <p>SURVEY NO. 4489</p>																
	<p style="text-align: center;">AREAS</p> <table border="0"> <tr> <td>Total area Klondyke lode</td> <td style="text-align: right;">19.0182</td> </tr> <tr> <td>Area in conflict with</td> <td></td> </tr> <tr> <td>Sur. 2643 Copper Queen lode</td> <td style="text-align: right;">0.411</td> </tr> <tr> <td>Sur. 2643 Copper Glance lode</td> <td style="text-align: right;">0.3220</td> </tr> <tr> <td>Total area Atlanta lode</td> <td style="text-align: right;">13.771</td> </tr> <tr> <td>Area in conflict with</td> <td></td> </tr> <tr> <td>Sur. 2643 Copper Glance lode</td> <td style="text-align: right;">0.510</td> </tr> <tr> <td>Sur. 2643 Copper Bullion lode</td> <td style="text-align: right;">0.313</td> </tr> </table>		Total area Klondyke lode	19.0182	Area in conflict with		Sur. 2643 Copper Queen lode	0.411	Sur. 2643 Copper Glance lode	0.3220	Total area Atlanta lode	13.771	Area in conflict with		Sur. 2643 Copper Glance lode	0.510	Sur. 2643 Copper Bullion lode	0.313
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Sur. 2643 Copper Bullion lode	0.313																	
	<p style="text-align: center;">LOCATION</p> <p>This survey is located in the NW<math>\frac{1}{4}</math>, NE<math>\frac{1}{4}</math> and SE<math>\frac{1}{4}</math>, Sec. 6, T. 18S., R. 13E., C. &amp; S. R. B. &amp; M.</p> <p>The survey of the Klondyke and Atlanta lodes is identical with the respective location or amended location as marked on the ground.</p>																	

SURVEY NO. 4489

(5)

Chains  
Feet

## EXPENDITURES

The improvements and the value of the labor and improvements made upon of 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 monument to the Klondyke lode is on the lode line 300 ft. from a pt. on line 1-2, 300.32 ft. from Cor. No.1.      | Value, None      |
| No.2  | A pit, the NE. cor. of which bears S.38° W., 150 ft. dist.; from Cor. No.3, Klondyke lode; 5x6 ft. in size, 9 ft. deep.         | Value, \$180.    |
| No.3  | A pit, the NE. cor. of which bears N.88° W., 405 ft. dist. from Cor. No.3, Klondyke lode; 4x6 ft. in size, 4 ft. deep.          | Value, \$50.     |
| No.4  | A pit, the SW. cor. of which bears N.39° E., 90 ft. dist. from Cor. No.1, Klondyke lode; 5x7 ft., 10 ft. deep.                  | Value, \$200.    |
| No.5  | A pit, the SW. cor. of which bears N.51° E., 90ft. dist. from Cor. No.1, Klondyke lode; 6x6 ft., 10 ft. deep.                   | Value, \$200.    |
| No.6  | A pit, the SW. cor. of which bears N.40° E., 145 ft. dist. from Cor. No.1, Klondyke lode; 5x7 ft., 10 ft. deep.                 | Value, \$200.    |
| No.7  | A pit, the SW. cor. of which bears N.43° E., 156 ft. dist. from Cor. No.1, Klondyke lode; 4x8 ft., 9 ft. deep.                  | Value, \$150.    |
| No.8  | A pit, the SW. cor. of which bears N.51° E., 165 ft. dist. from Cor. No.1, Klondyke lode; 7x9 ft., 10 ft. deep.                 | Value, \$250.    |
| No.9  | A pit, the SW. cor. of which bears N.57° 30' E., 225 ft. dist. from Cor. No.1, Klondyke lode; 5x7 ft., 11 ft. deep.             | Value, \$200.    |
| No.10 | A pit, the SW. cor. of which bears N.55° E., 255 ft. dist. from Cor. No.1, Klondyke lode; 5x7 ft., 12 ft. deep.                 | Value, \$200.    |
| No.11 | A timbered shaft, the SW. cor. of which bears N.57° 30' E., 340 ft. dist. from Cor. No.1, Klondyke lode; 5x6 ft., 150 ft. deep, | Value, \$10,000. |

## SURVEY NO. 4489

(6)

Chains Feet		
No.12	A pit, the SW. cor. of which bears N.53° 30'E., 365 ft. dist. from Cor. No.1, Klondyke lode; 5x22 ft., 9 ft. deep.	Value, \$300.
No.13	A pit, the SW. cor. of which bears N.57° 30'E., 410 ft. dist. from Cor. No.1, Klondyke lode; 4x6 ft., 10 ft. deep.	Value, \$175.
No.14	A pit, the SW. cor. of which bears N.63° E., 430 ft. dist. from Cor. No.1, Klondyke lode; 5x15 ft., 5 ft. deep.	Value, \$200.
No.15	A pit, the SW. cor. of which bears N.62° 30'E., 460 ft. dist. from Cor. No.1, Klondyke lode; 4x18 ft., 9 ft. deep.	Value, \$250.
No.16	A pit, the SW. cor. of which bears N.64° 30'E., 512 ft. dist. from Cor. No.1, Klondyke lode; 4x10 ft., 5 ft. deep.	Value, \$150.
No.17	A diamond drill hole which bears N.38° 51'E., 225.62 ft. dist. from Cor. No.1, Klondyke lode; 1 7/8 ins. diam. 753 ft. deep.	Value, \$5500.
No.1	The discovery monument of the Atlanta lode is on the lode line 143.76 ft. from a pt. on line 3-4, 15.82 ft. from Cor. No.3.	Value, None
No.2	A pit, the SE. cor. of which bears N.48° W., 860 ft. dist. from Cor. No.4, Atlanta lode; 4x6 ft., 7 ft. deep.	Value, \$125.
No.3	A pit, the south end of which bears N.21° 30'W., 370 ft. dist. from Cor. No.4, Atlanta lode; 4x20 ft., 5 ft. deep.	Value, \$200.
No.4	A pit, the SE. cor. of which bears N.20° W., 385 ft. dist. from Cor. No.4, Atlanta lode; 4x6 ft., 6 ft. deep.	Value, \$100.
No.5	A pit, the NW. cor. of which bears S.1° E., 90 ft. dist. from Cor. No.2, Atlanta lode; 5x8 ft., 9 ft. deep.	Value, \$180.



SURVEY NO. 4489

(7)

Chains  
Feet

- No. 6 A pit, the NW. cor. of which bears S.15° E., 110 ft. dist. from Cor. No.2, Atlanta lode; 6x7 ft., 40 ft. deep. Value, \$200.
- No. 7 A pit, the NW. cor. of which bears S.22° E., 135 ft. dist. from Cor. No.2, Atlanta lode; 8x8 ft., 9 ft. deep. Value, \$225.
- No. 8 A pit, the NW. cor. of which bears S.28° E., 150 ft. dist. from Cor. No.2, Atlanta lode; 5x6 ft., 9 ft. deep. Value, \$150.
- No. 9 A pit, the NW. cor. of which bears S.28° E., 170 ft. dist. from Cor. No.2, Atlanta lode; 5x7 ft., 9 ft. deep. Value, \$150.
- No. 10 A pit, the NW. cor. of which bears S.25° E., 195 ft. dist. from Cor. No.2, Atlanta lode; 4x7 ft., 8 ft. deep. Value, \$150.

## OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND  
SUPPLEMENTAL DATA

Sur. 2643, Copper Queen lode, Cor.3 identical with Cor.4 Copper Glance lode; Cor.3, Copper Glance lode identical with Cor.4, Copper Bullion lode; these are granite stones firmly set and properly marked.

Cor. No.2 Copper Queen lode is a granite stone properly marked and witnessed as described in the official record.

Cor. No.4 Copper Queen lode identical with Cor. No.1 Copper Glance lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Cor. No.2, Copper Glance lode identical with Cor. No.1, Copper Bullion lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Cor. No.3, Copper Bullion lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Line 3-4, Copper Bullion lode was found to be correct as approved.

Line 4-1, Copper Bullion lode was found to be N.7 04'E., 598.20 ft. instead of N.7 04'E., 600.0 ft. as approved.

Chains  
Feet

5557

Lines 3-4, Copper Queen was found to be correct as approved.

Lines 3-4, Copper Glance lode was found to be N. 59° 15' W., 1399.53 ft. instead of N. 59° 14' 15" W., 1399.80 ft. as approved.

Line 2-3, Copper Queen lode was found to be S. 65° 59' E., 1474.78 ft. instead of S. 65° 58' 15" E., 1475.90 ft. as approved.

Line 3-4, Copper Queen lode, identical with line 4-1, Copper Glance lode was found to be correct as approved.

FIELD ASSISTANTS

Name of which person	Capacity
Russell Hart	Chainman
Richard Cleveland	Axeman

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Cor. 2-4, Copper Queen lode, Cor. 3, identical with Cor. 1. Copper Glance lode, Cor. 3, Copper Glance lode identical with Cor. 1, Copper Bullion lode, these are granite stones firmly set and properly marked.

Cor. No. 2, Copper Queen lode is a granite stone properly marked and witnessed as described in the official record.

Cor. No. 4, Copper Queen lode identical with Cor. No. 1. Copper Glance lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Cor. No. 2, Copper Glance lode identical with Cor. No. 1. Copper Bullion lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Cor. No. 3, Copper Bullion lode is a granite stone firmly set, properly marked and witnessed as described in the official record.

Line 3-4, Copper Bullion lode was found to be correct as approved.

Line 4-1, Copper Bullion lode was found to be N. 59° 15' W., 1399.53 ft. instead of N. 59° 14' 15" W., 1399.80 ft. as approved.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

Aug. 30, 19 60

I, Harvey W. Smith,  
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_  
Cadastral Engineer, at Phoenix, Arizona  
May 20, 1959  
 dated Amended July 19, 1960, I have faithfully and correctly executed the survey of  
 the mining claim of Banner Mining Company,  
 known as the Klondyke and Atlanta Lodes  
(Lode, placer, or mill site)  
 situate in Pima Mining District, Pima County, Sec. 6,  
 T. 18S., R. 13E., G. & S. R. B. & Meridian, Arizona, and  
(State)  
 designated as Survey No. 4489, 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 its 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.

Scottsdale, Arizona  
(Place)

Harvey W. Smith  
(Mineral Surveyor)  
 Harvey W. Smith

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office  
(Office)  
Phoenix, Arizona May 9, 19 61  
(Place) (Date)

The foregoing field notes of mineral survey No. 4489, in Sec. 6  
 \_\_\_\_\_, T. 18 S., R. 13 E., G. & S. R. M. Meridian,  
Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State)  
 under order dated 5-20-59, Amended 7-19-60, 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.

Lester S. Mann  
 Lester S. Mann  
 Office Cadastral Engineer  
(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)

