

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4494

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Banner Mining Company

Known As The

Scorpio Annex Lode

Pima Mining District,

Pima County, Arizona

Section 6, Township 18S., Range 13E.

May 20, 1959

Surveyed under order dated Amended July 12, 1960.

by Harvey W. Smith
Mineral Surveyor.

Claim located Jan. 24, 1945.

Survey commenced June 1, 1959.

Survey completed July 15, 1959.

Address of claimant P.O. Box
Tucson, Arizona

DATES OF AMENDED LOCATIONS

Sept, 14, 1959

SURVEY NO. 4494

(1)

Chains
Feet

Chains
Feet

This survey was made with a C.L. Berger & Sons transit No. 15045, with horizontal limb, 6 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 color 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 7:30 AM. on June 13, 1959, at Cor. No. 3 of the Scorpio Annex lode, latitude 31° 53' 23" N., longitude 111° 03' 30.94" W., turning from a reference pt. about 500 ft. southwest clockwise to the sun in an east direction.

True bearing of reference pt.
S. 6° 47' 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° 30' E.

SCORPIO ANNEX LODE

At Cor. No. 1 of the Scorpio Annex lode

This corner falls in a local drainage; a marker here would be destroyed or obliterated; from which

The S. 1/2 cor., sec. 1, T. 18 S., R. 12 E., G. & S. R. B. & M. bears S. 43° 17' W., 4,747.88 ft. dist.; a stone, 6x8 ins. in size, 5 ins. above ground properly marked and witnessed as described in the official record.

Cor. No. 1, Sur. 4489, Klondyke lode, bears N. 63° 27' E., 680.84 ft. dist.

Cor. No. 4, Sur. 4492, Minnehaha Falls lode, bears N. 16° 09' E., 552.18 ft. dist.

Thence N. 7° 21' E.

29.29 Witness pt. for Cor. No. 1

Chains Feet	
563.82	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., set in a 15 pound concrete and rock base, 12 ins. in the ground with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4494 SA 1 WC X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p>
1096.08	<p>Intersect line 4-1, Sur. 4492, Minnehaha Falls lode, at a pt. from which Cor. No. 4 bears S.70°32'E., 86.42 ft. dist.</p>
1101.11	<p>Intersect line 2-3, Sur. 2643, Copper Queen lode, at a pt. from which Cor. No. 3 bears S.65°59'E., 1298.03 ft. dist.</p> <p>Cor. No. 2</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4494 SA 2 X; from which,</p> <p>Cor. No. 2, Sur. 2643, Copper Queen lode, bears N.67°33'30"W., 175.37 ft. dist.</p> <p>A mound of stones constructed adjacent to the iron post.</p>
20.76	<p>Thence S.66°25'30"E.</p> <p>Intersect line 3-4, Sur. 4492, Minnehaha Falls lode, at a pt. from which Cor. No. 4 bears S.0°39'W., 553.41 ft. dist.</p>
288.71	<p>Lode line; discovery pt. bears S.6°47'W., 380.0 ft. dist.</p>
585.73	<p>Intersect line 1-2, Sur. 4489, Klopdyke lode, at a pt. from which Cor. No. 1 bears S.7°04'W., 557.72 ft. dist.</p>
588.71	<p>Cor. No. 3</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. diam., firmly fastened within the iron post; mkd. MS 4494 SA 3 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S.6°47'W.</p>

SURVEY NO. 4494

(3)

Chains- Feet	
9.85	Intersect line 2-3, Sur.2643, Copper Queen lode, at a pt. from which Cor. No.3 bears S.65°59'E., 707.87 ft. dist.
559.02	Intersect line 4-1, Sur.4489; Klondyke lode, at a pt. from which Cor. No.1 bears N.62°03'W., 5.99 ft. dist.
1104.28	Cor. No.4 Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post; mkd. MS 4494 SA 4 X; from which A mound of stones constructed adjacent to the iron post. Thence N.66°25'30"W.
300.0	Lode line; discovery pt. bears N.64°47'E., 724.28 ft. dist.
600.0	Cor. No.1 and place of beginning.

SURVEY NO. 4494

AREAS

	Acres
Total area Scorpio Annex lode	14.425
Area in conflict with	
Sur.2643, Copper Queen lode	0.096
Sur.4489, Klondyke lode	0.054
Sur.4489, Klondyke lode, exclusive of its conflict with Sur.2643, Copper Queen lode	0.052
Sur. 4492, Minnehaha Falls lode	0.543
Sur. 4492, Minnehaha Falls lode, exclusive of its conflict with Sur.2643, Copper Queen lode	0.540

LOCATION

This survey is located in the NW 1/4, Sec. 6, T.18S., R. 13E., G. & S. R. B. & M., Arizona.
The survey of the Scorpio Annex lode is identical with its amended location as marked on the ground.

Chains
Feet

3991

EXPENDITURES

No. 1 The discovery cut of the Scorpio Annex lode is on the lode line 380.0 ft. from a pt. on line 2-3, 288.71 ft. from Cor. No. 2; a pit 4x6 ft., 4 ft. deep. Value, \$50.

No. 2 A pit, the SW cor. of which bears N. 32° 30' E., 465 ft. from Cor. No. 1 of the Scorpio Annex lode; 5x12 ft., 5 ft. deep. Value, \$175.

No. 3 A pit, the SW cor. of which bears N. 14° E., 805 ft. from Cor. No. 1 of the Scorpio Annex lode; 5x7 ft., 10 ft. deep. Value, \$175.

No. 4 A shaft, the SW cor. of which bears N. 32° E., 490 ft. from Cor. No. 1 of the Scorpio Annex lode; 5x6 ft., 60 ft. deep. Value, \$2,500.

No. 5 A shaft, the SW cor. of which bears N. 32° 30' E., 720 ft. from Cor. No. 1 of the Scorpio Annex lode; 6x6 ft., 30 ft. deep. Value, \$1,000.

No. 6 A pit, the SW cor. of which bears N. 35° E., 740 ft. dist. from Cor. No. 1 of the Scorpio Annex lode; 4x7 ft., 7 ft. deep. Value, \$125.

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND
SUPPLEMENTAL DATA

Sur. 4489, Klondyke lode, Cors. Nos. 1, 2 & 4 are iron posts with brass caps properly marked. Line 1-2 was found to be N. 7° 04' E., 600.32 feet. Line 4-1 was found to be N. 62° 03' W., 1477.65 feet.

Sur. 4492, Minnehaha Falls lode, Cors. Nos. 1, 3 & 4 are iron posts with brass caps properly marked. Line 3-4 was found to be S. 0° 39' W., 590.22 feet. Line 4-1 was found to be N. 70° 32' W., 1513.88 feet.

Sur. 2643, Copper Queen lode, Cors. Nos. 2 & 3 are stone

SURVEY NO. 4494

(5)

Chains
Feet

Station

monuments properly marked and witnessed as described in the official record. Line 2-3 was found to be S.65°59'E., 1474.78 ft., instead of S. 65° 58' 15" E., 1475.9 ft. as approved.

FIELD ASSISTANTS

Name	Capacity
Russell Hart	Transit man
Richard Cleveland	Chainman-Axeman

SURVEY NO. 4494

Chains

Chain
Feet

monuments properly marked and witnessed as described in
the official record. Line 1-3 was found to be 2° 52' 59"
174.78 ft. instead of 2° 52' 17". It is
approved.

FIELD ASSISTANTS

Capacity	Name
TRANSIT MAN	Russell Hart
CADASTRAL EXAMINER	Richard Cleveland

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 12, 1960, I have faithfully and correctly executed the survey of
 the mining claim of Banner Mining Company,
 known as the Scorpio Annex Lode
(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. 4494, 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 their 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 June 8, 1961
(Place) (Date)

The foregoing field notes of mineral survey No. 4494, in Pima Mining District
Sec. 6, T. 18 S., R. 13 E., Gila & Salt River Meridian,
Arizona, executed by Harvey W. Smith, Mineral Surveyor,
(State)
 under order dated 5-20-59; Amd. 7-12-60, 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.

Fred J. Weiler
 Fred J. Weiler
 State Director of Engineers
(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)

