

MINERAL SURVEY No. 4163

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation, a corporation, assignee of J. E. Blacketer,
Joe Branceti and Carmine Cupelli, (Original locators, Jan 1, 1915,
April 20, July 9 and Oct 13, 1921)

KNOWN AS THE

LA VENEZIA, CRAG No. 1, CRAG No. 2, ST JOHN, ST JOSEPH and BANKER Lode
Mining claims .

Copper Mountain Mining District,

Greenlee County, Arizona

Section 28, Township 4 S., Range 29 E., G. & S.R. M.

Surveyed under instructions dated April 22, 1933.

By *J. H. Thomas*
U. S. Mineral Surveyor.

Claim located See Location Notices.

Survey commenced May 6, 1933.

Survey completed May 11, 1933.

Address of claimant John H. Page & Co., Attorneys,
Luhrs Bldg., Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

Feet

MINERAL SURVEY NO. 4163

Mineral survey No.4163 was made with a Gurley Mountain transit with horizontal limb 6.5 ins. diam, having two opposite verniers and full vertical circle, 5 ins. diam.,having one double vernier, the verniers read to one minute of arc.

The instrument was in good condition at the time of the survey and all adjustments were in good order. An AM altitude observation for azimuth and at noon on the meridian for latitude and time were made at a corner of the survey, the details of which observations are shown in the calculation sheets herewith submitted for examination.

All azimuths of this record are referred to the true meridian, by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape, 500 ft in length, graduated every foot, with the first and last foot graduations to tenths and hundredths.

The tape was correct at the time of the survey. All lines and connections of this survey were run directly upon the ground. The magnetic variation observed at each corner gave a uniform value of 13°45'E.

LA VENEZZIA Lode.

Beginning at Cor. No.1 of the La Venezia lode, identical with the Loc. Mon. and Cor. No.2, Crag No.1 lode of this Sur. on the Section line bet. Secs. 21 and 28 T.4 S. R. 29 E., where I - Set an iron pipe 2 ins. diam, with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone , stamped 1 L V, 2 C. No.1 - 4163, from which the 1/4 Cor. Bet. Secs. 21 and 28 T.4 S. R. 29 E. G. & S R. B & M brs. N.89°58'E., 450 ft. Dist. consisting of a standard G.L.O. iron post firmly set and stamped 1/4 S 21, S.28.

No other bearings are available.

Thence S.89°58'W.

90.00 Trail brs. southerly.

200.00 To N. end center, identical with the Loc. Mon. where I- Set an iron pipe 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, Stamped N. Cr. L V.

MINERAL SURVEY NO. 4163
LA VENEZZIA Lode.

Feet. 273.8 To Cor. No.2, identical with Loc. Mon. and Cor. No.1, St. Joseph lode of this Sur. Where I-
Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 2 L V, 1 S J - 4163.
No bearings are available.
Thence S.O. 18'E.

550.00 Trail brs. southwesterly.

1240.00 To Cor. No.3, identical with Loc. Mon. and Cors. Nos. 2,3 and 4, St. John, Banker and St. Joseph lodes respectively of this Sur. Where I- Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone, stamped 3 L V, 2 S J, 3 B, 4 S JOS - 4163 .
No bearings are available.
Thence N. 89°58'E.

73.80 To S. end center, identical with Loc. Mon. and N. end center St. John lode of this Sur. Where I-
Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone, stamped S. Cr. L V, N. Cr. S J.

273.80 To Cor. No.4, identical with Loc. Mon. and Cors. Nos. 1,2 and 3 St John, Crag No.2 and Crag No.1 lodes respectively of this Sur. Where I - Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped, 4 LV, 1 SJ, 2 C No.2, 3 C No.1 - 4163.
No bearings are available.
Thence N. 0°18'W.

1240.00 To Cor. No. 1, the place of beginning.
CRAG NO. 1 Lode.
Beginning at Cor. No.1, identical with Loc. Mon. and the 1/4 Cor. bet. Secs 21 and 28, T. 4 S. R. 29 E. G. & S. R. B. & M.
A standard G.L.O. Iron post with brass cap showing 24 ins. above ground and firmly set in md of stone, stamped S.21,S.28-1/4.
I stamp on the brass cap 1 C No.1 4163.
No bearings are available.

Feet.

MINERAL SURVEY No.4163
CRAG NO. 1 lode.

Thence S. 89°58'W.,

150.00 To N. end center, identical with Loc. Mon. Where I-
Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground
and surrounded with md of stone, stamped N. Cr. C No.1.

450.00 To Cor. No.2, identical with Loc. Mon. and Cor. No.1 La Venezia
lode of this Sur., heretofore described.

Thence S.0°18'E.

1240.00 To Cor. No.3, identical with Loc. Mon. and cors. Nos. 4,1 and 2
La Venezia, St. John and Crag No.2 lodes of this Sur. heretofore
described.

Thence N.89°58'E.

30.00 Gulch brs. southerly.

280.00 Gulch brs. southwesterly.

300.00 To S. end center, identical with Loc. Mon. and N. end center
Crag. No.2 lode of this Sur. Where I-

Set an iron post 2 ins. diam. by 4 ft. high set firmly in the ground
and surrounded with md of stone, stamped S. Cr. C No.1, N. Cr.
C. No.2

450.00 To Cor. No.4, identical with Loc. Mon. and Cor. No.1 Crag No.2
lode of this Sur. where I -

Set an iron pipe 2 ins. diam. with Cap on top, 24 ins. above ground,
set 18 ins. in the ground, and surrounded with md.of stone, stamped
4 C. No.1, 1 C. No.2 - 4163.

No bearings are available.

Thence N. 0° 18'W.

240.00 Gulch brs. southwesterly.

1240.00 To Cor. No.1, the place of beginning.

CRAG NO. 2 Lode.

Beginning at Cor. No.1, identical with Loc. Mon. and Cor. No.4
Crag. No.1 lode of this Sur. heretofore described, from which
the 1/4 Cor. bet. Secs. 21 and 28, T. 4 S. R. 29 E., G. & S. R. B
& H brs. N. 0° 18'W., 1240.0 ft. dist.

Thence S.89°58'W.

Feet.	MINERAL SURVEY NO. 4163 CRAG NO.2 Lode.	Feet
150.00	To N. end center, identical with Loc. Mon. and S. end center Crag. No.1 lode of this Sur., heretofore described.	
170.00	Gulch brs. Southwesterly.	
420.00	Gulch brs. southerly.	
450.00	To Cor. No.2, identical with Loc. Mon. and Cors. Nos 1,4 and 3 St John, La Venezia and Crag No.1 lodes of this Sur., heretofore described. Thence S. 0°18'E.	
1030.00	Gulch brs. southwesterly.	
1400.00	To Cor. No.3, identical with Loc. Mon. and Cor. No.4 St. John lode of this sur. where I - Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone stamped 3 C. No.2, 4 S J - 4163 . No bearings are available. Thence N. 89°58'E.	
300.00	To S. end center, identical with Loc. Mon. Where I- Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, stamped S. Cr. C No.2.	
450.00	To Cor. No.4, identical with Loc. Mon. where I- Set an iron Pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone stamped 4 C No.2 - 4163. No bearings are available. Thence N. 0° 18' W.,	
1400.00	To Cor. No.1, the place of beginning. ST JOHN Lode. Beginning at Cor. No.1, identical with Loc. Mon. and Cors. Nos. 2,3 and 4 Crag No.2, Crag No.1 and La Venezia lodes respectively of this Sur., heretofore described, from which the 1/4 Cor. bet. Secs. 21 and 28 , T.4 S. R. 29 E., G. & S. R. B & M. brs. N. 19°40'10"E., 1317.61 ft. dist. Thence S. 89°58'W.	

Feet.	MINERAL SURVEY No.4163 ST JOHN Lode.
200.00	To N. end center, identical with Loc. Mon. and S. end center La Venezia lode of this Sur., heretofore described.
273.80	To Cor. No.2, identical with Loc. Mon. and Cors. Nos. 3, 4 and 3, La Venezia, St Joseph and Banker lodes respectively of this Sur. heretofore described.
	Thence S. 0°18'E.
920.00	Trail brs. southeasterly.
1125.00	Gulch brs. southeasterly.
1400.00	To Cor. No.3, identical with Loc. Mon. and Cor. No.2 Banker lode of this Sur. where I -
	Set an iron Pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 3 S J, 2 B. - 4163
	No bearings are available.
	Thence N. 89°58'E.
73.8	To S. end center, identical with Loc. Mon. Where I - Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, stamped S. Cr. S.J.
83.00	Trail brs. southerly.
180.00	Gulch brs. southeasterly.
210.00	Gulch brs. southerly.
273.80	To Cor. No.4, identical with Loc. Mon. and Cor. No.3, Crag. No.2 lode of this Sur., heretofore described.
	Thence N. 0°18'W.
370.00	Gulch brs. southwesterly.
1400.00	To Cor. No.1, the place of beginning.
	ST JOSEPH Lode.
	Beginning at Cor. No.1, identical with Loc. Mon. and Cor. No.2 La Venezia lode of this Sur., heretofore described, from which the 1/4 Cor. Bet. Secs. 21 and 28, T.4 S. R. 29 E. brs. N.89°58'E., 723.8 ft. dist.
	Thence S. 89°58' W.

Feet.

MINERAL SURVEY NO. 4163
ST JOSEPH Lode.

- 110.00 Gulch brs. southwesterly.
- 300.00 To N. End center, identical with Loc. Mon. Where I -
Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, stamped N. Cr. S Jos.
- 600.00 To Cor. No.2, identical with Loc. Mon. where I -
Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md.of stone stamped 2 S Jos - 4163, whence the Cor. to Secs. 20, 21,28 and 29
T.4 S.R 29 E. brs. S.89°58'W., 1323.8 ft. dist. an iron post 2 ins. diam. 18 ins above ground, firmly set, marked and witnessed as described in the official record. No other bearings are available. Thence S.0°18'E.
- 1240.00 To Cor. No.3, identical with Loc. Mon. and Cor. No.4 Banker lode of this Sur. where I -
Set an iron pipe 2 ins. diam.with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 3 S Jos, 4 B - 4163. No bearings are available. Thence N.89°58'E.
- 280.00 Gulch brs. southeasterly.
- 300.00 To S. end center, identical with Loc. Mon. and N. end center Banker lode of this Sur. Where I -
Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, stamped S. Cr. S Jos.N. Cr. B.
- 520.00 Trail brs. southerly.
- 600.00 To Cor. No.4, identical with Loc. Mon. and Cors. Nos. 3,2 and 5, La Venezia, St John and Banker lodes respectively of this Sur. heretofore described.
Thence N. 0°18'W.
- 690.00 Trail brs. southwesterly.
- 1240.00 To Cor. No.1, the place of beginning.
BANKER Lode.
Beginning at Cor. No.1, identical with Loc. Mon. where I -

Feet.

MINERAL SURVEY No.4163
BANKER Lode.

Set an iron pipe 2 ins. diam. with cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped I B. - 4163, from which the 1/4 Cor. Bet. Secs. 28 and 29 T.4 S. R. 29 E. brs. S. 89°58'W., 1323.8 ft. dist. An iron post 1 In. diam. showing 24 ins above ground in md of stone, firmly set, marked and witnessed as described in the official record.

No other bearings are available.

Thence N.89°58'E.

300.00 To S. end center, identical with Loc. Mon. Where I-
Set an iron post 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone, stamped S. Cr. B.

600.00 To Cor. No.2, identical with Loc. Mon. and Cor. No.3 St John lode of this Sur., heretofore described.

Thence N. 0°18'W.

275.00 Gulch brs. southeasterly.

480.00 Trail brs. southeasterly.

1400.00 To Cor. No.3, identical with Loc. Mon. and Cors. Nos. 2,3 and 4, St John, La Venezzia and St Joseph lodes respectively of this Sur. heretofore described.

Thence S. 89°58'W.

80.00 Trail brs. southerly.

300.00 To N. end center, identical with Loc. Mon. and S. end center St Joseph lode of this Sur., heretofore described.

320.00 Gulch brs. southeasterly.

600.00 To Cor. No.4, identical with Loc. Mon. and Cor. No.3 St Joseph lode of this Sur., heretofore described.

Thence S. 0°18'E.

1400.00 To Cor. No.1, the place of beginning.

LODE LINES.

The presumed course of the vein of each of several lode locations embraced in this survey, counted from the respective points of discovery is as follows:

La Venezzia lode, N.0°18'W., 450.0 ft.; and S.0°18'E., 790.0 ft.

Crag No.1 lode, N.0°18'W., 10.0 ft.; and S0°18'E., 1230.0 ft.

MINERAL SURVEY No.4163
LODE LINES.

Crag No.2 lode, N. 0°18'W., 270.0ft.; and S.0°18'E., 1130 ft.
St John lode, N.0°18'W., 150.0 ft.; and S.0°18'E., 1250.0 ft.
St Joseph lode, S.0°18'E., 100.0 ft.; and N.0°18'W., 1140.0 ft.
Banker lode, N.0°18'W., 10.0 ft.; and S.0°18'E., 1390.0 ft.

AREAS

	Acres
Total area, La Venezia lode -----	7.794
Total area, Crag No.1 lode -----	12.810
Total area, Crag No.2 lode -----	14.463
Total area, St John lode -----	8.800
Total area, St Joseph lode -----	17.079
Total area, Banker lode -----	19.284

LOCATION.

This Survey is located in the N.W. 1/4 Sec. 28, T.4 S., R.29 E.
G. & S. R. B & M.

EXPENDITURE OF \$500.00

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantors is not less than \$500 and that said improvements consist of:

- LA VENEZZIA Lode.
- No.1 The discovery shaft of the La Venezia lode, the center of which being the discovery point is on the lode line 450 ft. from a point on line 1-2, 200 ft. from Cor. No.1, 4 x 6 ft. 10 ft. deep.
Value \$100.00
- No.2 A cut, the mouth of which brs. from Cor. No.1 S.21°W., 380 ft. 4 1/2 ft. wide, 8 ft. face, running N. 20°E., 30 ft. to face.
Value \$150.00
- No. 3 A Cut, the mouth of which brs. from Cor. No.1, S.18°30'W., 240 ft. 4 1/2 ft. wide, 8 ft. face running N.12°E. 20 ft. to face. From face is a tunnel 4 x 6 ft. running N.12°E. 66 ft. to breast.
Value Cut and tunnel \$760.00

EXPENDITURE OF \$500
LA VENEZZIA Lode.

- No.4 A shaft, the center of which brs. from Cor: No.4, N. 25°W., 258.0 ft. 4 x 6 ft. 15 ft. deep.
Value 150.00
- No.5 A trench, the south end of which brs. from Cor. No.4, N.20°W.,250.0 ft. 8 ft. wide, by 8 ft. deep, running N.1°W., 40 ft. to N. end.
Value \$500.00
- Crag No.1 lode.
- No.1 The discovery cut of the Crag No.1 lode, the face of which being the discovery point, is on the lode line, 10 ft. from a point on line 1-2, 150 ft. from Cor. No.1, 5 ft. wide, 10 ft. face running South 25 ft. to mouth.
Value \$100.00
- No.2 A shaft, the center of which brs. from Cor. No.1, S.52°W., 160.0 ft. 4 x 6 ft. 70 ft. deep., at the N. edge of shaft is a tunnel 4 x 6 ft. running North 50 ft. to breast.
Value \$1200.00
- No.3 A cut, the mouth of which brs. from Cor. No. 3 N.5°15'E.,575.0 ft. 4 1/2 ft. wide, 10 ft. face running N.42°E.,30 ft. to face. From face is a tunnel 4 x 6 ft. running N.43°E.,35 ft. to breast.
Value Cut and tunnel \$500.00
- No.4 A shaft, the center of which brs. from Cor. No.3 , N.32°30'E., 325 ft. 5 x 12 ft. 8 ft. deep.
Value \$200.00
- No.5 A tunnel, the portal of which brs. from Cor. No.1 S.43°30'W.,250.00 ft. 4 x 6 ft. running N.14°E., 20 ft. to breast.
Value \$200.00
- No.6 A cut, the mouth of which brs from Cor. No.1, S.29°W.,500 ft. 4 1/2 ft. wide 8 ft. face, running East 20 ft. to face.
Value \$100.00
- Crag No.2 Lode.
- No.1 The discovery shaft of the Crag No.2 lode, the center of which being the discovery point is on the lode line, 270 ft. from a point on line 1-2 , 150 ft. from Cor. No.1, 4 x 6 ft. 8 ft. deep.
Value \$100.00
- No.2 A shaft, the center of which brs. from Cor. No.1, S.29°W.,280 ft. 4 x 6 ft. , 8 ft. deep.
Value \$100.00

EXPENDITURE OF \$500.00
CRAG NO.2. Lode.

No.3 A shaft, the center of which hrs. from Cor.No.1 S. 29°W., 330 ft.
4 x 6 ft. 8 ft. deep.

Value \$100.00

No.4 A shaft, the center of which hrs. from Cor. No.1 S.25°30'W.,390 ft.,
4 x 6 ft. 100 ft. deep. On the South side of shaft is a cut 4 ft.
wide 8 ft. deep running S. 25° W., 50 ft. to mouth.

Value Cut and shaft \$1600.00

No.5 A shaft, on the lode line 135 ft. from a point on line 3-4 , 300
ft. from Cor. No.3, 4 x 6 ft. 10 ft. deep.

Value \$100.00

ST JOHN Lode.

No.1 The discovery shaft of the St. John lode, the center of which
being the discovery point is on the lode line 150 ft. from a point
on line 1-2, 200 ft. from Cor. No.1, 4 x 6 ft. 30 ft. deep. at the
bottom of which is a tunnel 4 x 6 ft. running North 25 ft. to face.

Value Shaft and tunnel \$550.0

No.2 A shaft, the center of which hrs. from Cor. No.2,S.7°E., 255.0 ft.
4 x 6 ft. 8 ft. deep.

Value \$100.00

ST JOSEPH Lode.

No.1 The discovery tunnel of the St Joseph lode, the portal of which
being the discovery point is on the center line 100 ft. from the
center of line 3-4, 4 x 6 ft. running N. 25°E., 30 ft. to breast.

Value \$300.00

No.2 A shaft, the center of which hrs. from Cor. No.4 N.81°W.,150.0
4 x 6 ft. 40 ft. deep.

Value \$500.00

BANKER Lode.

No.1 The discovery point of the Banker lode, on the center line 10 ft.
from the center of line 3-4. A md of stone on cropping.

No. Value.

No.2 A tunnel, the portal of which is on line 3-4, 350 ft. from Cor. No.3
4 x 6 ft. running S.25°W.,16 ft. to Sta. 1, thence a tunnel 4 x 6 ft.
running west 15 ft. to breast, At the breast is an upraise 4 x 6 ft.
10 ft. high to surface. From Sta. 1 is a tunnel 4 x 6 ft. running
S.25°W.,30 ft. to breast.

Value Tunnel and upraise \$ 700.00

MINERAL SURVEY NO. 4163

EXPENDITURE OF \$500.00

BANKER Lode.

No.3 A shaft, the center of which brs. from Cor. No.3, S.66°W., 180.0 ft.
4 x 6 ft. 40 ft. deep.

Value \$500.00

No.4 A shaft, the center of which brs from Cor. No.2 N.3°30'W., 490.00
ft., 4 x 6 ft. 8 ft. deep.

Value \$100.00

No.5 A shaft, the center of which brs. from Cor. No.4, S.30°E., 130.0 ft.
4 x 6 ft. 10 ft. deep.

Value \$100.00

Adjoining Claims.

There are no adjoining or conflicting claims known.

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

Phelps Dodge Corporation

known as the LA VENEZZIA, CRAG NO. 1, CRAG NO. 2, ST JOHN, ST JOSEPH and BANKER

and showing the respective capacities in which they acted.

E.G. Lewis, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS

~~we~~, I E.G. Lewis

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

T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Phelps Dodge Corporation

known as the LA VENEZZIA, CRAG NO. 1, CRAG NO. 2, ST JOHN, ST JOSEPH and BANKER

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 ^{my} ~~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 Office Cadastral Engineer, at Phoenix, arizona.

E.G. Lewis, Chainman.

....., Chainman.

....., Axman.

....., Flagman

Subscribed and sworn to by the above-named persons before me this 13th

day of May, 19 33

G. Gershwin

Notary Public

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 Office Cadastral Engineer, at Phoenix, Arizona, dated April 22, 1933, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Phelps Dodge Corporation, known as the LA VENEZZIA, CRAG NO. 1, CRAG NO. 2, ST. JOHN, ST. JOSEPH, and BANKER lodes, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 28., Township No. 4 S., Range No. 29 E., G. & S. R. B & M., and designated as Survey No. 4163, 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 Office Cadastral Engineer with said instructions, and that all 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.

T. N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T. N. Stevens
U. S. Mineral Surveyor, before me Tom K. Richey a Notary Public
in and for the County of Pima, State of Arizona this 1st
day of August, 1933

My Commission Expires
Jan. 30-1934.

Tom K. Richey
Notary Public.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

August 25, 1933

I, Office Cadastral Engineer at Phoenix, Arizona

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

known as the LA VENEZZIA CRAC No.1, CRAC NO.2, ST. JOHN, ST. JOSEPH and BANKER lode mining claims situate in Copper Mountain

Mining District County in Section 28, Township No. 4 South, Range No. 29 East and designated as Survey No. 4163

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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant Phelps Dodge Corporation or its grantors, and that said improvements consist of Fifteen (15) shafts, Six (6) cuts, Eight (8) tunnels, One (1) trench, One (1) upraise

Value \$ 8,810.00

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.

Sherman C. Fiske

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

August 25, 1933.

Acting
I, Office Cadastral Engineer at Phoenix, Arizona

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

....., known as the
LA VENEZZIA, CRAG No.1, CRAG No.2, ST. JOHN, ST. JOSEPH
and BANKER lodes
situate in Copper Mountain mining district,
Greenlee County, Arizona

in Section 28, Township No. 4 South, Range No. 29 East

G. & S. R. B. & M., designated as Survey No. 4163

executed by T. N. Stevens, U. S. Mineral
Surveyor, May 6 to May 11, 1933, under my instructions dated

April 22, 1933, 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.

Sherman C. Fiske
Sherman C. Fiske
Acting Office Cadastral Engineer.