

11/5/45  
12/3/45

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4295

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

The Eagle - Picher Mining and Smelting Co.

Known As The

ARGO, TURK, KEY, MINNESOTA, STAPLE, PASS, AND COLUMBIA Lodes.

Pima Mining District,

Pima County, Arizona

Sections 1, 2, 11 and 12, Township 17 S., Range 12 E.

Surveyed under instructions dated July 23, 1945.

by T. N. Stevens  
Mineral Surveyor.

Claims located Argo, January 11, 1922; Staple, July 1, 1923  
Turk, October 20, 1900; Pass, April 2, 1902  
Key, July 1, 1923; Columbia, March 20, 1902  
Minnesota, March 9, 1906

Survey commenced August 21, 1945.

Survey completed November 3, 1945.

Address of claimant's attorney; Ben C. Hill  
77 North Court Street, Tucson, Arizona.

DATES OF AMENDED LOCATIONS

Turk, June 21, 1938  
Key, June 21, 1938  
Pass, July 14, 1945  
Columbia, July 14, 1945

Wheeler  
200 x 400

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4288

FIELD NOTES

Of the survey of the Mining claim of

the lands - Fisher Mining Company, Inc.  
and

known as the

ABO, T.M., M.Y., MINERAL, STATE, WEST, IN CONGRESS, Code,

Mining District

County, Arizona

Section 12, Township 14 N., Range 18 E.

surveyed under instructions dated July 23, 1902

by T. W. Stevens  
Mineral Surveyor

Also, January 11, 1902; Steele, July 1, 1902  
July, October 20, 1900; Pate, April 2, 1902  
M.Y., July 1, 1902; Columbia, March 20, 1902  
Mineral, March 9, 1902

Survey commenced August 21, 1902

Survey completed November 2, 1902

Address of claimant's attorney: Ben C. Hill  
11 North Court Street, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

July 21, 1902  
July 21, 1902  
July 14, 1902  
Columbia July 14, 1902

Feet

MINERAL SURVEY No.4295

Mineral survey No.4295 was made with a Buff & Buff light mountain transit, with horizontal limb 6 ins diam. having two opposite verniers and full vertical circle, 5 ins. diam. having two opposite verniers. The verniers read to one minute of arc. The instrument is also equipped with an auxiliary telescope.

The instrument was in good condition at the time of the survey and all adjustments were in good order.

An A.M. altitude observation for azimuth, and at noon on the meridian for latitude and time were made on a line of the survey. The details of which observations are shown in the calculation sheets, herewith submitted for examination.

All azimuths in 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 feet 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 in this survey were run directly upon the ground.

The magnetic variation observed at each corner gave a uniform value of 14°45' E.

ARGO Lode.

Beginning at Cor. No.1 of the Argo lode, identical with the location mon., Where I -

Set an iron post 2 ins. diam. with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone, stamped 1 A - 4295 from which the N.W. Cor. Sec. 1 T.17 S. R. 12 E., brs. N. 6° 19' 40" E., 3448.0 ft. dist. consisting of a limestone rock 6 x 8 ins., showing 12 ins. above ground, chiseled with 1 notch on the east face and 5 notches on the west face.

No other bearings are available.

Thence S. 9° 00' E.

30.0 Enters sand wash 80 ft. wide, course northeasterly

190.0 Leaves sand wash.

300.0 Intersect the lode line at the E. end center, identical with the loc. mon. Where I set a pine post 4 ins sq by 4 ft. high, firmly in the ground and surrounded with md of stone, scribed E. Cr. A.

596.4 Intersect line 2,3 and 4,1 Sur. No.3726, Martha B. Ketz and Eida B. lodes respectively at N. 70°15'W., 100.25 ft. from Cor. Nos. 3 and 4. and S. 70°15' E., 1279.12 ft. from Cor. Nos 1 and 2.

600.0 To Cor.No.2, identical with the Loc. Mon. where I -  
Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone, Stamped 2 A. - 4295.

The Cor. Nos. 1,2 3 and 4; Sur. No.3726, Eida B. No.2, Martha B. Ketz No.2, Martha B. Ketz and Eida B. lodes respectively, brs. S. 72°05' E., 98.57 ft. dist.

No other bearings are available.

Thence S. 78°51' W.,

519.17 Intersect line 3-4 Key lode of this Sur. at S. 9°20'E., 3.19 ft. from Cor. No.3

530.0 Enters sand wash 80 ft. wide, course northeasterly.

640.0 Leaves sand wash.

969.45 To Cor. No.3, identical with the Loc. Mon. and Cor. No.3, Sur. No.411 Patterson lode, Empire Zinc Co. Claimant. Where I -  
Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone. Stamped 3 A - 4295, 3 P - 411

Feet

MINERAL SURVEY No. 42 95  
ARGO Lode, Cont'd.

Cor. No. 2, Sur. No. 3726 Eida B. lode brs. N. 84° 51' 10" W., 357.36 ft. dist.

Cor. No. 3 Key lode of this Sur. brs. N. 78° 26' 40" E., 450.39 ft.

No other bearings are available.

Thence N. 9° 00' W.

17.46 Intersect line 2-3 Key lode of this Sur. at S. 80° 40' W., 449.95 ft. from Cor. No. 3

300.00 Intersect the lode line at the W. end center, identical with the loc. mon. and Cor. No. 4

Sur. No. 411 Patterson lode Where I - Set a pine post 4 ins sq by 4 ft. high, set firmly in the ground and surrounded with md of stone, scribed 4 P, W cr. A.

571.41 Intersect line 4-1 and 2-3, Sur. No. 3726 Eida B and Martha B. Ketz lodes at S. 70° 15' E., 174.13 ft. from Cor. Nos. 1 and 2, & N. 70° 15' W. 1223.24 ft. from Cor. Nos. 4 & 3.

600.0 To Cor. No. 4, identical with the loc. mon. and Cor. Nos. 2 and 5, Sur. No. 1650 and 411, Iron Mountain and Patterson lodes respectively.

Where I :-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 4 A- 4295, 5 P - 411, 2 I M - 1650.

Cor. Nos. 1 and 2, Sur. No. 3726, Eida B and Martha B Ketz lodes brs. N. 79° 08' W. 162.33 ft. dist.

No other bearings are available.

Thence N. 78° 51' E.

969.45 To Cor. No. 1 and the place of beginning.

TURK Lode

Beginning at Cor. No. 1 of the Turk lode, identical with the Loc. mon. and Cor. No. 4 Sur. No. 1454, Ruby lode, Empire Zinc Co. Claimant, on line 5-1 Minnesota lode of this Sur.,

Where I :-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md. of stone stamped 1 T - 4295, 4 R. - 1454, from which the Cor. to Secs. 2, 3, 10 and 11 T. 17 S. R. 12 E. Brs. S. 85° 23' 15" W., 1645.2 ft. dist. consisting of a 2 inch capped pipe in an old md of stone, stamped S. 2, S. 3, S. 10, S. 11 T. 17 S. R. 12 E.

No other bearings are available.

Thence N. 9° 20' W.

300.00 Intersect the lode line at the W. end center, identical with Loc. mon. and E. end center Sur. No. 1454, Ruby lode.

A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md. of stone, scribed W. Cr. T, E Cr. R.

470.0 Gulch 10 ft. wide, course southeasterly.

597.38 Intersect line 2-3 Sur. No. 415 San Xavier lode, Empire Zinc Co. claimant, at N. 81° E., 450 ft. from Cor. No. 2, and S. 81° W. 1050 ft. from Cor. No. 3.

600.0 To Cor. No. 2, identical with loc. mon., and Cor. No. 3 Sur. No. 1454 Ruby lode. Where I - Set an iron pipe 2 ins diam. with lead cap on top, set 18 ins. in the ground and surrounded with md. of stone,

397.37  
174.13  
12.23 27

MINERAL SURVEY No. 4295  
TURK Lode, Cont'd.

Stamped 2 T - 4295, 3 R - 1454 .

Thence N. 80°40' E. 450.08

1050.05 Intersect lines 3-4 and 1-2, Sur. No. 415 and 411, San Xavier and Patterson lodes at N. 9° W., 872 ft. from Cor. Nos. 3 and 2, consisting of a pine post 4 ins. sq in old stone monument.

1500.00 To Cor. No. 3, identical with the Loc. Mon. and Cor. No. 2 Key lode of this Sur. Where I :-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins above ground, set 18 ins. in the ground and surrounded with md. of stone, stamped 3 T, 2 K - 4295 from which Cor. Nos. 2 and 3 Sur. Nos. 411 and 415 Patterson and San Xavier lodes brs S. 79°33'30" W., 450.08 ft. dist.

No other bearing objects are available.

Thence S. 9°20' E.

11.34 Intersect line 2-3, Sur. No. 411, Patterson lode at N. 81° E., 450.0 ft. from Cor. No. 2

300.0 Intersect the lode line at the E. end center, identical with the Loc. Mon. and the W. end center Key lode of this Sur. Where I :-

Set a pine post 4 ins sq by 4 ft. high, set firmly in the ground and surrounded with md of stone, scribed E. Cr. T., W. Cr. K.

600.0 To Cor. No. 4, identical with the Loc. Mon. and Cor. No. 1 Key lode of this Sur., Where I :-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone, stamped 4 T, 1 K - 4295.

No bearing objects available.

Thence S. 80°40' W.

40.0 Gulch 10 ft. wide brs. easterly.

1275.6 To Cor. Nos. 1 and 5, Staple and Minnesota lodes of this Sur., hereinafter described.

1370.0 Gulch 10 ft. wide brs. northeasterly.

1500.0 To Cor. No. 1 and the place of beginning.

KEY Lode.

Beginning at Cor. No. 1 of the Key lode, identical with the Loc. mon. and Cor. No. 4 Turk lode of this Sur. heretofore described, on line 4-1 Staple lode of this Sur. from which the Cor. to Secs. 2, 3, 10 and 11, T. 17 S., R. 12 E., brs. S. 83°08' W., 3142.5 ft. dist.

Thence N. 9°20' W.

300.0 Intersect the lode line at the W. end center, identical with the Loc. Mon. and E. end center Turk lode of this Sur., heretofore described.

588.66 Intersect line 2-3, Sur. No. 411 Patterson lode at S. 81° W., 1650.0 ft. from Cor. No. 3, and 862.68 from its intersection with lines 2-3 Sur. No. 3726, Eida B. lode.

600.0 To Cor. No. 2, identical with the Loc. Mon. and Cor. No. 3 Turk lode of this Sur., heretofore described.

Feet	MINERAL SURVEY No. 4295 Key Lode, Cont'd.
	Thence N. 80°40' E.
833.18	Intersect line 2-3, Sur. No. 3726 Eida B. lode at S. 70°15' E., 147.89 ft. from Cor. No. 2.
1050.05	Intersect lines 3-4, Sur. No. 411 Patterson lode and Argo lode of this Sur. at N. 9°00' W., 17.46 ft. from Cor. Nos. 3.
1500.00	To Cor. No. 3, identical with the Loc. Mon. Where I :- Set an iron pipe 2 ins. diam, with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone, stamped 3 K - 4295. No other bearing objects available.
3.19	Intersect line 2-3 Argo lode of this survey. Intersect the lode line at Thence S. 9°20' E.
300.0	the E. end center, identical with the Loc. Mon., Where I :- Set ampine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone, scribed E. Cr. K.
370.89	Intersect line 2-3, Sur. No. 3726 Eida B. lode at S. 70°15' E. 910.90 ft. from Cor. No. 2, and 722.731 ft. from its intersection with line 2-3 Sur. No. 411 Patterson lode, and N. 70°15' W., 469.47 ft. from Cor. No. 3
425.0	Road brs. easterly.
600.0	To Cor. No. 4, identical with Loc. Mon. on line 4-1 Pass lode of this Sur., Where I :- Set an iron pipe 2 ins. diam with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone, stamped 4 K - 4295 No bearing objects are available.
	Thence S. 80°40' W.
365.6	Road brs. northeasterly.
575.6	Enters sand wash 100 ft. wide, course northeasterly.
755.6	Leaves sand wash.
1275.60	To Cor. Nos. 1 and 4 Pass and Staple lodes of this Sur., hereinafter described.
1500.00	To Cor. No. 1 and the place of beginning. MINNESOTA Lode. Beginning at Cor. No. 1 of the Minnesota lode, identical with the loc. mon. and Cor. No. 4 Sur. No. 1504 Hoosier lode, claimant unknown, on line 4-1 Sur. No. 1454 Ruby lode, Empire Zinc Co., claimant, Where I :- Set an iron pipe 2 ins. diam, with lead cap on top, 24 ins above ground, 18 ins in the ground and surrounded with md of stone, stamped 1 M - 4295, 4 H - 1504, from which the Cor. to Secs. 2, 3, 10 and 11 T. 17 S. R. 12 E. brs. S. 88°15' 30" W., 1024.65 ft. dist. U.S.M.M. No. 2 brs. N. 81°55' W. 2337.9 ft. dist. consisting of a very old pine post about 6 ins. sq, showing 8 ft. above ground, surrounded with md of stone 6 ft. base by 4 1/2 ft. high. Scribed USMM No. 2. No other bearing objects are available.

Feet.	MINERAL SURVEY No. 4295 MINNESOTA Lode, Cont'd.
	Thence S. 9°20' E.
30.0	Enters Highway to Twin Buttes, course southeasterly,
70.0	Leaves highway.
300.0	Intersect the lode line at the W. end center, identical with Loc. Mon. and E. end center Sur. No. 1504 Hoosier lode, Where I:- Set a pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone, scribed W. Cr. M. E. Cr. H.
600.0	To Cor. No.2, identical with Loc. Mon. and Cor. No.3 Sur. No.1504 Hoosier lode, Where I :- Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 2 M - 4295, 3 H - 1504. No bearing objects are available.
	Thence N. 80° 40' E.
195.0	Enters highway to Twin Buttes, course southeasterly.
215.0	Leaves highway.
335.0	Fence brs. northeasterly.
490.0	To Cor. No.3, identical with Loc. mon. Where I:- Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins above ground, set 18 ins. in the ground and surrounded with md of stone stamped 3 M - 4295. No bearing objects are available.
	Thence N. 40°44'E.,
110.0	Fence brs. northeasterly.
467.37	To Cor. No. 4, identical with the Loc. mon. and W. end center Staple lode of this Sur., Where I :- Set an iron pipe 2 ins. diam with lead cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone stamped 4 M - 4295, W. Cr. S. No bearing objects available.
	Thence N. 9° 20' W,
110.0	Junction of roads, brs. easterly and northeasterly.
300.0	To Cor. No.5, identical with the Loc. mon and Cor. No.1 Staple lode of this Sur., on line 4-1 Turk lode of this Sur. Where I:- Set an iron pipe with lead cap on top, 24 ins above ground, set 18 ins in the ground and surrounded with md of stone, stamped 5 M - 4295, 1 S. No bearing objects available.
	Thence S. 80°40' W.
94.4	Gulch 10 ft. wide brs. northeasterly.
224.4	To Cor. No.1 Turk lode of this Sur. and Cor. No. 4 Sur. No. 1454 Ruby lode, heretofore described.
848.4	To Cor. No.1 and the place of beginning. STAPLE Lode. Beginning at Cor. No.1 of the Staple lode, identical with the Loc. mon. and Cor. No.5 Minnesota lode of this Sur. on line 4-1 Turk lode

Feet.	MINERAL SURVEY No.4295 STAPLE LODE, Cont'd.
	of this Sur. heretofore described, from which the Cor. to Secs. 2,3 10 and 11 T. 17 S. R. 12 E. brs. S. 84°49'20" W., 1868.9 ft. dist.
	Thence S. 9°20' E.
190.0	Junction of roads, brs. northeasterly and southeasterly.
300.0	Intersect the lode line at the W end center, identical with the Loc. mon and Cor. No.4, Minnesota lode of this Sur., heretofore described.
455.0	Fence brs. northeasterly.
600.0	To Cor. No.2, identical with the Loc. Mon., Where I:- Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone stamped 2 S -4295.
	No bearing objects are available.
	Thence N.80° 40' E.
1160.0	Gulch 10 ft wide brs. northeasterly.
1500.0	To Cor. No.3, identical with the Loc. Mon. and Cor. No.2, Pass lode of this Sur., Where I:- Set an iron pipe 2 ins. Diam with lead cap on top, 24 ins above ground, set 18 ins. in the ground and surrounded with md of stone stamped 3 S - 22PS 4295.
	No bearing objects are available.
	Thence N.9°20'W.
160.0	Gulch 10 ft. wide brs northeasterly.
285.0	Fence brs. southeasterly.
300.0	Intersect the lode line at the E. end center, identical with the Loc. mon and W end center Pass lode of this Sur., where I:- Set a pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone, Scribed E. Cr. S, W. Cr. P.
405.0	Road brs northeasterly.
550.0	Gulch 10 ft. wide brs, northeasterly.
600.0	To Cor. No.4, identical with the Loc. Mon. and Cor. No.1 Pass lode of this sur. On line 4-1 Key lode of this Sur., where I:- Set an iron pipe 2 ins diam with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md. of stone, stamped 4 S, 1 P - 4295.
	No bearing objects are available.
	Thence S. 80°40' W.
224.4	To Cor. Nos.1 and 4 Key and Turk lodes respectively of this Sur., heretofore described.
264.4	Gulch 10 ft. wide brs. southeasterly.
1500.0	To Cor. No.1 and the place of beginning.
	PASS Lode.
	Beginning at Cor. No.1 of the Pass lode, identical with the loc. mon. and Cor. No.4 Staple lode of this Sur., heretofore described, from which the Cor. to Secs. 2;3 10 and 11, T. 17 S. R. 12 E., brs. S.82°58'20" W. 3366.8 ft. dist.



Feet.

MINERAL SURVEY No.4295  
PASS Lode Cont'd.

Thence S. 9°20'E.

50.0 Gulch 10 ft. wide brs. northeasterly.  
195.0 Road brs. northeasterly.  
300.0 ~~Intersect the lode line at~~ the W. end center, identical with the Loc. mon. and E. end center Staple lode of this Sur., heretofore described.

315.0 Fence brs. southeasterly.  
440.0 Gulch 10 ft. wide brs. northeasterly.  
600.0 To Cor. No.2, identical with the loc. mon. and Cor. No.3 Staple lode of this Sur., heretofore described.

Thence N. 80°40'E.

140.0 Gulch 10 ft. wide brs northeasterly.  
490.0 Fence brs. southeasterly.  
1212.97 Intersect line 4-1 Columbia lode of this Sur. at S. 51°57'E., 221.24 ft. from Cor. No.1  
1500.0 To Cor. No.3, identical with the loc mon Where I:-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone , stamped 3 P - 4295.

Cor. No.1 Columbia lode of this Sur. brs. N.78°53'33"W., 466.18 ft. dist.

No other bearing objects available.

Thence N. 9°20' W.

300.0 ~~Intersect the lode line at~~ the E. end center, identical with the loc. mon. Where I:-

Set a pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone , scribed E. Cr. P.

564.72 Intersect line 1-2 Columbia lode of this Sur. at S.38°03' W., 6.41 ft. from Cor. No.2

600.00 To Cor. No.4, identical with the loc mon. Where I:-

Set an iron pipe 2 ins. diam with lead cap on top, 24 ins. above ground, set 18 ins. in the ground and surrounded with md of stone, stamped 4 P - 4295.

No bearing objects are available.

Thence S. 80°40'W.

224.4 To Cor No.4 Key lode of this Sur., heretofore described.

590.0 Road brs. northeasterly.  
800.0 Enters sand wash 100 ft. wide.  
980.0 Leaves sand wash .

1500.0 To Cor. No.1 and the place of beginning.

## COLUMBIA Lode.

Beginning at Cor. No.1 of the Columbia lode, identical with the Loc. Mon. Where I:-

Set an iron pipe 2 ins. diam with lead cap on top, 24 ins. above ground, set 18 ins: in the ground and surrounded with md of stone, stamped 1 C - 4295 from which the Cor. to Secs.2,3,10 and 11 T.17 S.,R: 12 E., brs. S.88°02' 10" W., 4464.0 ft. dist.

Cor. No.3 Pass lode of this Sur. brs. S.78°53'33"W., 466.18 ft. dist.  
No other bearing objects are available.

MINERAL SURVEY No. 4295  
COLUMBIA Lode Cont'd.

Thence N. 38°03' E.

Intersect the lode line at

300.0 The W. end center, identical with the loc. mon. Where I:-

Set a pine post 4 ins sq by 4 ft. high, set firmly in the ground and surrounded with md of stone Scribed W. Cr. C

593.59 Intersect line 3-4 Pass lode of this Sur. at S. 9°20' E., 35.28 ft. from Cor. No. 4

600.00 To Cor. No. 2, identical with the loc mon. Where I:-

Set an iron pipe 2 ins. diam with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone stamped 2 C - 4295.

Cor. No. 4 Pass lode of this sur. brs. N. 18°00' W., 31.3 ft. dist.

No other bearing objects are available.

Thence S. 51°57' E.

1280.0 Fence brs. southeasterly.

1500.0 To Cor. No. 3, identical with the loc. mon. Where I:-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone stamped 3 C - 4295.

No bearing objects are available.

Thence S. 38°03' W.

Intersect the lode line at

300.0 The E. end center, identical with the Loc. Mon. Where I :-

Set a pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone Scribed E. Cr. C.

600.0 To Cor. No. 4, identical with the Loc. mon. Where I:-

Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, set 18 ins in the ground and surrounded with md of stone, stamped 4 C - 4295.

No bearing objects are available.

Thence N. 51°57' W.

975.0 Fence brs northeasterly.

1278.76 Intersect line 2-3 Pass lode of this Sur. at S. 80°40' W., 287.03 ft. from Cor. No. 3

1500.00 To Cor. No. 1 and the place of beginning.

LODE LINES.

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

Argo lode, S. 78°51' W., 100.0 ft. and N. 78°51' E., 869.45 ft.

Turk lode, S. 80°40' W., 50.0 ft. and N. 80°40' E., 950.0 ft.

Key lode, S. 80°40' W., 650.0 ft. and N. 80°40' E., 850.0 ft.

Minnesota lode, S. 80°40' W., 225.0 ft. and N. 80°40' E., 623.4 ft.

MINERAL SURVEY No.4295  
LODE LINES, Cont'd.

Staple lode, N.80°40'E.,100.0 ft. and S. 80°40' W., 1400.0 ft.  
Pass lode , N.80°40'E.,580.0 ft., and S.80°40'W., 920.0 ft..  
Columbia lode, S.51°57' E.,730.ft.,and N.51°57' W., 770.0 ft.

AREAS .

	Acres.
Total area Argo lode -----	13.344
Area in conflict with -	
Sur. No.3726 Martha B. Ketz lode -----	6.958
Sur. No.3726 Eida B. lode -----	6.394
Key lode of this Sur. -----	0.107
" " " " " exclusive of its conflict with Eida B.lode, Sur.3726	0.000
Total area Turk lode -----	20.661
Area in conflict with	
Sur. No.415 San Xavier lode -----	0.137
Sur. No. 411 Patterson lode -----	0.104
Total area Key lode -----	20.661
Area in conflict with -	
Sur. No.411 Patterson lode -----	0.343
Sur. No.3726 Eida B. lode -----	2.839
Sur. No.3726 Eida B. lode, exclusive of its conflict with Sur.No.411 Patterson lode -----	2.743
Total area Minnesota lode -----	10.452
Total Area Staple lode -----	20.661
Total area Pass lode -----	20.661
Area in conflict with -	
Columbia lode of this Sur. -----	3.368
Total area Columbia lode -----	20.661

LOCATION.

This survey is located in the S.1/2 Sec. 2, N.1/2 Sec. 11,  
N.W. 1/4 Sec. 12 and the S.W. 1/4 Sec. 1 T. 17 S. R. 12 E.,  
G. & S. R. M.

EXPENDITURE OF \$500.

I certify that the value of the labor and ~~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 :

- No.1 ARGO lode.  
The discovery shaft of the Argo lode, the center of which being the discovery point is on the lode line, 100 ft. from the center of line 3-4. 4 x 6 ft. 10 ft. deep.  
Value \$100.0
- No.2 A cut, the mouth of which bears from Cor. No.3 Argo lode N.27° E., 150 ft. 5 ft. wide, 8 ft. face, running S. 80° W., 20 ft. to face.  
Value \$100.0

An undivided 1/7 interest in improvement No.2 Staple lode of this Sur. hereinafter described, credited to this lode.

Value \$3702.85

MINERAL SURVEY No. 4295  
EXPENDITURE OF \$500 Cont' d

TURK Lode.

- No. 1 The discovery shaft of the Turk lode, the center of which being the discovery point is on the lode line 550 ft. from the center of line 1-2, 4 x 6 ft. 25 ft. deep.  
Value \$250.
- No. 2 A shaft, the center of which brs. from Cor. No. 2 Turk lode S. 27° 20' E. 265 ft. 5 x 10 ft. 100 ft. deep.  
Value \$4000.
- No. 3 A tunnel, the mouth of which is on the center line, 800 ft. from the center of line 3-4, 5 x 7 ft. running N. 44° 40' E., 80 ft. to breast.  
Value \$800.0
- No. 4 A shaft, the center of which brs. from Cor. No. 3 Turk lode S. 43° 30' W., 570 ft., 4 x 6 ft. 100 ft. deep.  
Value \$ 4000.
- No. 5 A shaft, the center of which brs. from Cor. No. 3 Turk lode S. 49° 30' W., 520 ft. 4 x 6 ft. 50 ft. deep.  
Value \$2000.
- No. 6 A shaft, the center of which brs. from Cor. No. 3 Turk lode S. 56° 45' W., 460. ft. 4 x 6 ft. 10 ft. deep.  
Value \$100.
- An undivided 1/7 interest in improvement No. 2 Staple lode of this Sur. hereinafter described, credited to this lode.  
Value \$3702.85

KEY Lode.

- No. 1 An inclined shaft, the center of which being the discovery point is on the lode line, 650 ft. from the center of line 1-2, 4 x 6 ft. 15 ft. deep.  
Value \$150.0
- No. 2 A shaft, the N.W. Cor. of which is on the center line, 570 ft. from the center of line 1-2, 4 x 6 ft. 10 ft. deep.  
Value 100.0
- No. 3 A cut, the mouth of which brs. from Cor. No. 2, Key lode S. 54° 30' E., 335 ft. 5 ft. wide, 8 ft. face, running N. 20° E., 35 ft. to face.  
Value \$125.
- No. 4 A shaft, the center of which brs. from Cor. No. 2 Key lode of this Sur. S. 54° 30' E., 375 ft. 4 x 6 ft. 100 ft. deep.  
Value \$4000.
- No. 5 A shaft, the center of which brs from Cor. No. 2, Key lode of this Sur. S. 76° E., 705 ft. 4 x 6 ft. 8 ft. deep.  
Value \$100.0
- No. 6 A cut, the mouth of which brs. from Cor. No. 2, Key lode of this Sur. S. 77° 30' E., 740 ft. 5 ft. wide, 8 ft. face, running east 20 ft. to face.  
Value \$100.
- No. 7 A shaft, the center of which brs from Cor. No. 2 Key lode of this Sur. S. 80° E. 880 ft. 4 x 6 ft. 100 ft. deep.  
Value \$4000.
- No. 8 A shaft, the center of which brs from Cor. No. 2 Key lode of this Sur S. 82° 15' E. 865 ft. 4 x 6 ft. 12 ft. deep.  
Value \$120.
- No. 9 A shaft, the center of which brs from Cor. No. 2 Key lode of this Sur. S. 81° 30' E., 940 ft. 5 x 8 ft. (timbered) about 200 ft. deep.  
Value \$20000.

MINERAL SURVEY No.4295  
EXPENDITURE OF \$ 500. Cont' d  
KEY Lode, cont'd.

No.10 A shaft, on the center line, 490 ft. from the center of line 3-4  
4 x 6 ft. about 50 ft. deep.

Value \$1000

No.11 A shaft, the center of which brs from Cor. No.2 Key lode of this Sur  
S.85° E., 1005 ft., 4 x 6 ft. 15 ft. deep. at 10 ft. below collar is  
a tunnel 4 x 6 ft. running S. 60° E. 20 ft. to mouth, at mouth of  
of tunnel is a cut 4 1/2 ft. wide 8 ft. face running S. 60° E., 40  
ft. to mouth.

Total value shaft, tunnel and cut \$550.0

No.12 A shaft, the center of which brs. from Cor. No 2 Key lode of this Sur.  
S. 87° E., 1090 ft., 4 x 6 ft. 150 ft. deep.

Value \$6000.0

No.13 A shaft, the center of which brs. from Cor. No.2 Key lode of this Sur.  
S.86° E. 1110 ft., 4 x 6 ft. 10 ft. deep.

Value \$100.0

An undivided 1/7 interest in improvement No.2, Staple lode of this  
Sur. hereinafter described, credited to this lode.

Value \$3702.85

MINNESOTA Lode.

No.1 The Discovery shaft of the Minnesota lode, the center of which  
being the discovery point is on the center line, 225 ft. from the  
center of line 1-2, 4 x 6 ft. 9 ft. deep.

Value \$100.0

No.2 A shaft, the center of which brs/ from Cor. No.2 Minnesota lode of  
this Sur. N.29°30'E., 450 ft., 4 x 6 ft. 8 ft. deep.

Value \$100.0

No.3 A shaft, the center of which brs. from Cor. No.2,  
N.26° E., 450 ft. 4 x 6 ft. 25 ft. deep.

Value \$300.0

No.4 A shaft, the center of which brs from Cor. No. 2,  
N.22°15' E., 420 ft. 4 x 6 ft. 8 ft. deep.

Value \$100.0

No.5 A shaft, the center of which brs. from Cor. No.1,  
S. 32° E., 220 ft. 4 x 6 ft. 8 ft. deep (caved)

Value \$100.0

No.6 An open cut, the north end of which brs. from Cor. No.1,  
S. 51° E. 140 ft. 4 1/2 ft. wide, average 5 ft. deep, running  
south 80 ft. to S. end.

Value \$700.

No.7 A shaft, the center of which brs. from Cor. No. 3,  
N.72°20' W., 125 ft., 4 x 6 ft. 10 ft. deep.

Value \$100.0

No.8 A shaft, the center of which brs. from Cor. No.3,  
N.72°20'W., 100 ft. 4 x 6 ft. 8 ft. deep.

Value \$100.

An undivided 1/7 interest in improvement No.2 Staple lode of this Sur.  
hereinafter described, credited to this lode.

Value \$3702.85

MINERAL Survey No. 4295  
EXPENDITURE OF \$500. Cont'd.  
STAPLE Lode.

No.1 The discovery shaft of the Staple lode, the center of which being the discovery point, is on the center line, 100 ft. from the center of line 3-4, 4 x 6 ft. 8 ft. deep.  
Value \$100.

An interest in a common improvement described as follows:

No.2 A shaft, the center of which hrs. from Cor. No.1 Staple lode, S.70°15' E., 350 ft. 5 x 12 ft. timbered 200 ft. deep  
At the 100 ft. level is a drift 5 x 7 ft. running north 16 ft. to Sta. 101, thence N.55° E., 19 ft. to Sta. 102, thence S. 81° E., 34 ft. to Sta. 103, thence S. 61°15' E., 44.5 ft. to Sta. 104, thence S. 61°15' E., 66 ft. to Sta. 105, thence S. 61°15' E., 18.5 ft. to Sta. 106, thence S. 61°15' E. 69 ft. to face.  
At Sta. 104 is a cross-cut 5 x 7 ft. running S.56° W., 28 ft. to face. At face is a winze 4 x 6 ft. 30 ft. deep.  
At Sta. 105 is a cross-cut 5 x 7 ft. running S. 50° W. 40 ft. to face.  
At Sta. 105 is a cross-cut 5 x 7 ft. running N.50° E., 21 ft. to face.  
At Sta. 106 is a raise to surface, running N.50°30'E., 100 ft. high  
Value 200 ft. shaft - \$20,000  
Value 30 ft. winze - 600.  
Value 100 ft. raise - 1,000.  
Value 360 ft. of drifts and cross-cuts - 320.  
Total Value \$25,920.

Value 1/7 interest- \$3,702.85

This improvement is in the course of construction for the development for the seven lodes of this Sur. consisting of the Argo, Turk, Key, Minnesota, staple, Pass, and Columbia lodes which are all the lode claims owned in common within the range of benefit of said improvement.

The surface rises rapidly to the North and south from the collar of this shaft, and all the discoveries of the above mentioned claims are above the collar of this shaft, as drifting and cross-cutting, with necessary laterals, affords the most practical and economical means of developing each of the stated lodes at depth.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this Sur. subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one seventh interest in its value is hereby credited to each of the said lodes.

An undivided 1/7 interest in the above improvement, credited to this lode.

Value \$3,702.85

PASS Lode.

No.1 The discovery point of the Pass lode is on the center line 580 ft. from the center of line 3-4, consisting of a mound of stone on outcrop.  
No Value.

No.2 A shaft, the center of which hrs. from Cor. No. 4 Pass lode of this Sur. S.56° W., 635 ft. 4 x 6 ft. 8 ft. deep.  
Value \$100.

No.3 A shaft, the center of which hrs. from Cor. No. 4 Pass lode, S.52°45'W., 575 ft. 4 x 6 ft. 4 ft. deep (caved)  
Value \$100.0

No.4 A shaft, the center of which hrs from Cor. No.1 Pass lode, N85°40' E., 740 ft. 4 x 6 ft. 150 ft. deep.  
Value \$6000.

MINERAL SURVEY No.4295  
EXPENDITURE OF \$500. Cont'd.  
PASS LODE Cont'd.

- No.5 A shaft, the center of which brs from Cor. No.1 Pass lode N.87°40'E., 670 ft. 4 x 6 ft. 50 ft. deep.  
Value \$2000.
- An undivided 1/7 interest in improvement No.2 Staple lode of this Sur. heretofore described, credited to this lode.  
Value \$3702.85
- COLUMBIA Lode.
- No.1 The discovery shaft of the Columbia, the center of which being the discovery point is on the center line, 730 ft. from the center of line 3-4, 4 x 6 ft. 10 ft. deep.  
Value \$100.
- No.2 A shaft, the center of which brs. from Cor. No.2, Columbia lode, S.22°30'E., 640 ft., 4 x 6 ft. 8 ft. deep.  
Value \$100.
- No.3 A shaft, the center of which brs. from Cor. No.2, Columbia lode, S.26°30'E., 550 ft. 4 x 6 ft. 10 ft. deep.  
Value \$100.
- No.4 A shaft, the center of which brs. from Cor. No.1, Columbia lode, N.57° E. 155 ft. 4 x 6 ft. 8 ft. deep.  
Value \$100.0
- No.5 A cut, the mouth of which brs. from Cor. No. 1, Columbia lode, N. 69°15' E., 180 ft. 5 ft. wide, 8 ft. face, running N.58°30'W., 20 ft. to face.  
Value \$100.
- No.6 A trench, the S. end of which brs. from Cor. No. 4 Columbia lode, N.28° W., 790 ft. 20 ft. long, 8 ft. deep Course N.57° E. 4 ft. wide.  
Value \$200.
- No.7 A trench the center of which is on the lode line 700 ft. from the center of line 3-4, 4 ft. wide, 20 ft. long x 8 ft. deep, course N.85° E. and S.85° W.,  
Value \$200.
- No.8 A shaft, the center of which brs. from Cor. No.4, Columbia lode, N. 28° W. 700 ft. 4 x 6 ft. 25 ft. deep.  
Value \$300.0
- No.9 A shaft, the N.E. cor of which is on the center line 451.5 ft. from the center of line 3-4, 4 x 6 ft. 10 ft. deep.  
Value \$100.
- No.10 A shaft, the S.E. cor of which is on the center line 400 ft. from the center of line 3-4, 4 x 6 ft. 6ft. deep (caved)  
Value \$100.
- No.11 A trench, the S. end of which brs. from Cor. No.4 Columbia lode, N. 18°15' W., 450 ft. 4 ft. wide, average 4 ft. deep, running N. 33° E., 50 ft. to N. end.  
Value \$200.
- No.12 A Diamond Drill Hole, 300 ft. deep, brs. from Cor. No.4 Columbia lode N.20° 30' W. 480 ft. (1 13/16 " diameter)  
Value \$1200.
- No.13 A diamond Drill Hole (1 13/16" Diam) 275 ft. deep brs. from Cor. No.4 Columbia lode, N. 25° W. 805 ft.  
Value \$ 1100.0

MINERAL SURVEY NO. 4295  
EXPENDITURE OF \$500. Cont'd  
COLUMBIA Lode Cont'd.

An undivided 1/7 interest in improvement No.2 Staple lode of this Sur. heretofore described, credited to this lode.

Value \$ 3702.85

OTHER IMPROVEMENTS.

A frame (iron clad building) the N.W. cor of which is on the center line of the Turk lode of this Sur. 25 ft. from the center of line 1-2. 15 x 18 ft. Course of long sides N. 80° E. Claimant herein.

OTHER CORNER DESCRIPTIONS.

Sur. No.1504, Hoosier lode, Cor. No.5 was a pine post 4 ins. sq. by 4 ft high, scribed H 3 -1504 but found to be <sup>in a</sup> badly decayed condition.

The E end center was a pine post 4 ins sq by 4 ft. high properly set and scribed but badly decayed and unsuitable for permanent mon. I replaced same with another post in the exact position of the orig. mon. as described in the foregoing field notes. Cor. No.4 was apparently obliterated when the highway to Twin Buttes was constructed I re established this corner by setting a capped iron pipe from the record course and distance from Cor. No.3 marked with the number of the corner and the survey as described in the foregoing field notes.

Cor. No.3 was replaced with a capped iron pipe in the exact position of the original corner and marked with the number of the corner and the survey as described in the foregoing field notes.

Sur. No.415 San Xavier lode, All corners consist of pine posts properly set and scribed with the number of the corners and the survey. I find all courses and distances to be correct as approved.

Sur. No.411 Patterson lode. Cor. No.1,2,3 and 4 consist of pine posts and Cor. No.5 a limestone rock which is identical with Cor. No.2

~~Sur. No.~~ Sur. No.1650 Iron Mountain lode, firmly set and properly marked. All lines are correct as approved.

Cor. No.3 which is identical with Cor. No.3 Argo lode and Cor. No.5 which is identical with Cor. No.2 Sur. No.1650 Iron Mountain and Cor. No. 4 Argo lode of this Sur., were found to be in poor condition; I replaced same by setting 2 in. capped pipe in their exact original positions, ~~and~~ marked with the number of the corner and the survey as described in the foregoing field notes.

Sur. No.3726 Martha B. Ketz and Eida B. lodes. All corners <sup>are</sup> in iron pipe with brass caps, firmly set and properly marked. I find all lines to be correct as approved.

After diligent search no evidence of the Cor. to Secs.1,2,11 and 12, or the 1/4 Cor. bet. Secs. 1 and 2, T17S., R.12 E. could be found.

ADJOINING CLAIMS.

On the north by Sur. No.415 San Xavier lode, Sur. No.411 Patterson lode, Sur. No.3726 Martha B. Ketz and Eida B. lodes and Sur. No.1650 Iron Mountain lode.

On the East by Sur. No.2726 Martha B. Ketz and Eida B. lodes.

On the South by Bobbie No.1 lode Uns., Henry A. Meyer, Claimant.

On the West by Sur. No.1504 Hoosier lode, and Sur. No.1454 Ruby lode.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by T.N. Stevens

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 \_\_\_\_\_

The Eagle-Picher Mining and Smelting Company

known as the ARGO, TURK, KEY, MINNESOTA, STABLE, PASS, and COLUMBIA lodes

and showing the respective capacities in which they acted.

Chas A. Walsh \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

FINAL OATHS OF ASSISTANTS

We, I, Chas A. Walsh

~~and~~ \_\_\_\_\_, do solemnly swear that <sup>I</sup>we assisted \_\_\_\_\_

T.N. Stevens \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of The Eagle -Picher Mining and Smelting Company

known as the ARGO, TURK, KEY, MINNESOTA, STABLE, PASS, and COLUMBIA 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 <sup>my</sup>our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona

Chas A. Walsh \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3rd

day of Nov \_\_\_\_\_, 1945

Charles W. Davis

Notary Public

My commission expires June 5, 1949

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, T. N. Stevens, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Ariz, dated July 23, 1945,  
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  
The Eagle-Picher Mining and Smelting Company, known as the  
ARGO, TURK, KEY, MINNESOTA, STAPLE, PASS, and COLUMBIA lodes  
situate in PIMA Mining District,  
pima County, Arizona, in Section  
1, 2, 11 and 12, Township No. 17 S., Range No. 12 E.  
and designated as Survey No. 4295, 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 im-  
provements 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  
(Mineral Surveyor)

Subscribed and sworn to by the said T. N. Stevens  
Mineral Surveyor, before me Oscar W. Davis  
a. Notary Public this 3rd  
day of Nov, 1945

Oscar W. Davis

U. S. GOVERNMENT PRINTING OFFICE 0-0475  
My Commission expires June 5, 1945

CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States  
Department of the Interior  
GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

Phoenix, Arizona

December 28, 19 45

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 The Eagle-Picher Mining and Smelting Co.

known as the Argo, Turk, Key, Minnesota, Staple, Pass and Columbia lodes situate in Pima

Mining District Pima County Arizona

in Sections 1, 2, 11 & 12 Township No. 17 S., Range No. 12 E., and designated as Survey No. 4235

, 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 or its grantors, and that said improvements consist of 7 cuts, 3 trenches, 36 shafts, 2 tunnels and 2 diamond drill holes, total value \$87,415.00.

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

E.A. Thompson  
Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

December 28, 1945

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 The Eagle-Picher Mining and Smelting Company

....., known as the  
Argo, Turk, Key, Minnesota, Staple, Pass and Columbia lodes

situate in Pima mining district,

Pima County, Arizona

in Sections 12, 11 and 12, Township No. 17 S., Range No. 12 E.

G. & S.R.M., designated as Survey No. 4295

executed by T. N. Stevens, Mineral

Surveyor, August 21 to November 3, 1945, under my instructions dated

July 23, 1945, 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.

E. A. Thompson  
Office Cadastral Engineer.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
State Office  
3022 Federal Building  
Phoenix, Arizona 85025

(A) *col*  
IN REPLY REFER TO:

E  
9183.1

November 23, 1965

Memorandum

To : Land Office Manager, Arizona  
From : State Director, Arizona  
Subject: Mineral Survey No. 4295

By Relinquishment of Portion of Entry, dated February 3, 1950, Phoenix Serial No. 083091, Mineral Survey 4295, The Eagle-Picher Mining and Smelting Company relinquished all of its right, title, claim and interest in and to the Argo unpatented lode mining claim situate in Section 2, Township 17 South, Range 12 East, Gila and Salt River Meridian, Arizona, and withdrew the Denial of Charges and Application for Hearing previously filed. The relinquishment was brought about by reason of charges filed in Contest No. 9589.

This memorandum cancels the survey of the Argo lode of Mineral Survey No. 4295. A notation should be made on the plat of Mineral Survey No. 4295 stating the survey of the Argo lode has been canceled by memorandum dated November 23, 1965. No notations should be made on the field notes. The plat and field notes should remain in the files.

*Greg J. White*

cc: Director

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE

9605 (942)  
M.S. 4295

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Staple lode, Mineral Survey No. 4295, located in sections 2 and 11, Township 17 South, Range 12 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

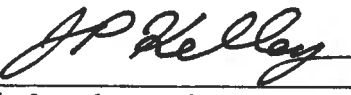
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to facilitate a proposed land exchange with ASARCO Incorporated and to clear the record.

The Mineral Survey Plat should be noted as follows:

"Staple lode, M.S. 4295 was canceled February 20, 1992, by memo 9605 (942) M.S. 4295, which is now a part of the original field notes."

February 20, 1992  
Date

  
\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona