

MAR 15 1921

MINERAL SURVEY No. 3730

1

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

San Xavier Extension Copper Company

KNOWN AS THE

CRESTA BLANCA, RED OXIDE NO 2, and RED OXIDE NO 3 lodes

Pima Mining District,

Pima County, Arizona

Section 3, Township 17 S, Range 12 E.

Surveyed under instructions dated December 10, 1920

by J. N. Stevens U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced January 5, 1921

Survey completed January 8, 1921

Address of claimant's Attys. Kingan, Campbell & Connor, Tucson, Arizona.

DATES OF AMENDED LOCATIONS.

## MINERAL SURVEY NO. 3730

Feet

CRESTA BLANCA Lode.

Beginning at Cor.No. 1, identical with Loc.Mon. and Cor. No. 4, Red Oxide No. 3 lode of this Sur.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 1 CB - 4 R O No.3 - 3730, with md of stone  $3\frac{1}{2}$  ft base by 3 ft high alongside; whence the 1/4 Cor. bet. Secs 2 and 3, T. 17 S.R. 12 E., brs. N.  $62^{\circ}51'$  E., 1300.0 ft.

No other bearings are available.

Thence S  $5^{\circ}30'$  W.  
Va.  $15^{\circ}30'$  E.

300 To E. end Center, identical with W. end Center Red Oxide No.3 lode of this Sur.

An iron pipe 2 ins. diam. by 4 ft. high set firmly in the ground and surrounded with md. of stone  $3\frac{1}{2}$  ft base by 3 ft high, stamped E Cr. C B and W.Cr.R O No.3.

600 To Cor. No.2, identical with Cor. Nos. 3 and 3 Red Oxide No.3 and Red Oxide No.2 lodes of this Sur.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with a cross (X) 2 C B, 3 R O No.3, and 3 R O No.2 - 3730, with md. of stone  $3\frac{1}{2}$  ft base by 3 ft high alongside.

No bearings are available.

Thence S  $81^{\circ}W$   
Va.  $15^{\circ}30'$  E.

650 To Cor. No.4, Red Oxide No. 2 lode of this Sur. hereinafter described.

800 To Cor. No. 3.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in ground, stamped with Cross (X) 3 - C B - 3730, with md of stone  $3\frac{1}{2}$  ft base by 3 ft high alongside.

## MINERAL SURVEY NO. 3730

Feet

CRESTA BLANCA Lode Cont'd

No bearings are available.

Thence N 5° 30' E  
Va. 13° 30' E.

300 To W. end Center.

An iron pipe 2 in.s. diam. by 4 ft. high, set firmly in the ground and surrounded with a md. of stone 3½ ft. base by 3 ft. high, stamped W.Cr. C B.

600 To Cor. No. 4.

An iron pipe 1 in. diam. with brass cap 2 ins. sq on top, 18 ins. above ground, set 18 ins. in the ground, stamped with cross (X) 4 C B -3730, with md. of stone 3½ ft base by 3 ft high along side.

No bearings are available.

Thence N. 81° E.  
Va. 13° 30' E.

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

RED OXIDE NO. 2 Lode.

Beginning at Cor. No. 1, identical with Loc. Mon. and Cor. No. 1, Sur. No. 1758 Wedge lode, claimant herein.

A limestone rock 8X10 ins. showing 12 ins. above ground, chiseled with cross (X) 1 R O No. 2 3730 and 1-W-1758, with a md of stone 3½ ft base by 3 ft high alongside; whence the Cor. to Secs. 2, 3 10 and 11, T. 17 S.R. 12 E., brs S 24° 26' E. 1093.6 ft.

Cor. Nos. 2 and 5, Sur. No. 416 Arizona Queen and Sur. No. 412 <sup>Western</sup> Extension San Xavier lodes, Claimant unknown, brs N. 81° 26' W. 31.9 ft.

No other bearings are available.

Thence N. 5° 30' E  
Va. 13° 30' E.

9.69 Intersect line 5-6, Sur. No. 412, <sup>Western</sup> Extension San Xavier lode, at N 81° 26' E. 32.84 ft from Cor. No. 5

MINERAL SURVEY NO. 3730

Feet

RED OXIDE NO. 2. Lode Cont'd

and S 81° 26' W. 1470.25 ft from Cor. No.6.

300 To E. end Center.

An iron pipe 2 ins. diam. by 4 ft high, set firmly in the ground and surrounded with md. of stone 3½ ft. base by 3 ft high, stamped E.Cr. R O No.2.

380.22 To Cor. No. 2, identical with Cor. No. 2, Sur. No.1758 Wedge lode, and on line 2-3 Red Oxide No.3 lode of this Sur.

A limestone rock 8 X 10 ins. showing 10 ins. above ground, chiseled with Cross (X) 2 R O No.2 - 3730, and 2 W 1758, with md of stone 3½ ft base by 3 ft high alongside.

A limestone ledge 25 ft. long, by 8 ft. high, brs S 82° 55' W. 61.4 ft; chiseled with Cross (X) 2-1758 and 2-3730 B R.

A limestone boulder 10 ft long by 5 ft wide brs N.15° W 18.5 ft; chiseled with Cross (X) 2-1758, 2-3730 B R.

No other bearings are available.

Thence N. 84° 30' W.  
Va. 13° 30' E.

800.00 To Cor. No. 3, identical with Cor. Nos. 2 and 3, Cresta Blanca and Red Oxide No.3 lodes respectively of this Sur. heretofore described.

Thence S 81° W  
Va. 13° 30' E.

650 To Cor. No.4.

An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground, stamped with Cross (X) 4 R O No.2 - 3730, with md. of stone 3½ ft base by 3 ft high alongside.

No bearings are available.

Thence S 5° 30' W.  
Va. 13° 30' E.

## MINERAL SURVEY NO. 3730

Feet

RED OXIDE NO. 2 Lode Cont'd

266.9 Intersect line 2-3, Sur. No. 414, Arizona King lode,  
at S 81° W 327.52 ft from Cor. No.2 and N. 81° E. 1172.48  
ft from Cor. No.3.

300 To W. end Center.

An iron pipe 2 ins. diam. by 4 ft. high, set  
firmly in the ground and surrounded with a md. of stone  
3½ ft base by 3 ft high, stamped W.Cr. R O No.2.

600 To Cor. No. 5.

An iron pipe 1 in. diam. with brass cap 2 ins.  
sq. on top, 18 ins. above ground, set 18 ins. in the  
ground; stamped with Cross (X) 5 R O No.2 - 3730, with  
md. of stone 3½ ft base by 3 ft high alongside.

U.S.M.M.No.2 brs S 57° 52' E. 755.0 ft.

Cor. No.3 Sur.No.416 Arizona Queen lode brs.  
N 77° 52' E. 411.53 ft.

No other bearings are available.

Thence N. 80° 31' E.  
Va. 13° 30' E.

410.93 Intersect lines 3-4 and <sup>1</sup>/~~3~~-6, Sur. No.416 Arizona Queen  
<sup>1</sup>/~~3~~ and <sup>1</sup>/~~3~~ Arizona King lodes respectively, at S 9° E. 19.03 ft  
from Cor. Nos. 3, <sup>1</sup>/~~3~~, and N. 9° W. 280.97 ft from Cor. Nos  
4-6. Cor. No. 2, Sur. No. 414 Arizona King lode brs. N. 9° w. 300 ft. from  
Cor. No. 1 thereof.

1449.19 Intersect. lines 2-6 and 3-5 Sur. No.416, Arizona  
Queen, and Sur. No.412 <sup>Western</sup> Extension San Xavier lodes  
respectively, at S 9° E. 9.88 ft. from Cor. Nos 2-5  
and N. 9° E 590.12 ft. from Cor. Nos. 3-6. Cor. No. 3 said  
Arizona Queen lode brs. 581° 01' w. 1038.24 ft. from Cor. No.2 thereof.

1479.6 To Cor. No.1, the place of beginning.

RED OXIDE No.3 Lode

Beginning at Cor. No.1, identical with Loc.Mon.  
and Cor. Nos. 3 and 2, Sur. No. 1573, Vulcan No.1 and  
Vulcan No.2 lodes respectively, Claimant unknown,  
also Cor. No.2, Sur. No.1758.Red Oxide lode, Claimant  
herein;

## MINERAL SURVEY NO. 3730

Feet

RED OXIDE NO. 3 Lode Cont'd

A limestone rock 8X10 ins. showing 12 ins. above ground, chiseled with Cross (X) 1 R O No.3-3730, 3 V No.1-2 V No.2 1573, and 2 R O 1758, with md of stone  $3\frac{1}{2}$  ft base by 3 ft high alongside; whence the 1/4 Cor. bet. Secs 2 and 3, T. 17 S R 12 E. brs N.  $0^{\circ} 59'$  E. 703.6 ft.

No other bearings are available.

Thence S  $5^{\circ} 30'$  W  
Va.  $13^{\circ} 30'$  E.

300 To E. end Center, identical with W. end Center, Sur. No.1758, Red Oxide lode. An iron pipe 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone  $3\frac{1}{2}$  ft base by 3 ft high, Stamped E.Cr.R O No.3.

600 To Cor. No.2. Identical with Cor. No. 1 Sur. No. 1758 Red Oxide lode.

A limestone rock 8X10 ins. showing 12 ins. above ground, chiseled with cross (X) 2 R O No.3-3730, and 1 R O - 1758, with md. of stone  $3\frac{1}{2}$  ft. base by 3 ft. high alongside.

No bearings are available.

Thence N  $84^{\circ} 30'$  W  
Va.  $13^{\circ} 30'$  E.

350 To Cor. No. 2, Sur. No. 1758 Wedge lode, and Cor.No. 2 Red Oxide No.2 lode of this Sur. heretofore described.

1150 To Cor. No. 3, identical with Cor. Nos. 2 and 3, Cresta Blanca and Red Oxide No.2 lodes respectively, of this Sur., heretofore described.

Thence N.  $5^{\circ} 30'$  E  
Va.  $13^{\circ} 30'$  E.

300 To W. end Center, identical with E. end Center, Cresta Blanca lode of this Sur. heretofore described.

600 To Cor. No.4, identical with Cor. No.1, Cresta Blanca lode of this Sur. heretofore described.

MINERAL SURVEY No.3730

Feet

RED OXIDE NO. 3 Lode Cont'd.

Thence S 84° 30' E  
Va. 13° 30' E.

580 To Cor. No. 2, Sur. No. 1573, Vulcan No. 1 lode.  
1150 To Cor. No.1, the place of beginning.

LODE LINES.

As near as can be determined from the present developments the veins of the several locations embraced in this claim extend as follows from their respective discovery points;

Cresta Blanca Lode N 81° E 50 ft and S 81° W 750 ft.'

Red Oxide No.2 lode S 80° 31' W. 1454.6 ft and N.80° 31' E. 25 ft.

Red Oxide No.3 lode S 84° 30' E. 300 ft and N 84° 30' W. 850 ft.

<u>AREA</u>	<u>Acres</u>
Total area Cresta Blanca lode - - - - -	10.668 ✓
Total area Red Oxide No.2 lode - - - - -	17.576 ✓
Area in conflict with	
Sur. No.414 Arizona King lode - 2.717 ✓	
Sur. No.416 Arizona Queen lode- 0.345 ✓	
Sur. No.412 W. <sup>estern</sup> Extension San Xavier lode - - - - -	0.007 ✓
Total area Red Oxide No.3 lode - - - - -	15.840 ✓

The Survey of each lode of this location is identical with the original location; all corners of which were found in place.

LOCATION.

This Survey is located in the SE $\frac{1}{4}$  of Sec.3 T. 17, S.R. 12 E.

MINERAL SURVEY NO. 3730EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in said mining claim by the claimant or its grantors, is not less than Five Hundred Dollars, and that said improvements consist of;

CRESTA BLANCA Lode

No.1. The discovery point on the center line 50 ft from the center of line 1-2; A monument of stone  $3\frac{1}{2}$  ft base by 3 ft high.

No. value.

No. 2 A shaft, the center of which hrs. from Cor. No.1, S. 16° W. 200 ft. 4X6 ft 10 ft deep.

Value \$100.00

An undivided 1/6th interest in main shaft, Sur. No. 1758 Red Oxide lode, hereinafter described, credited to this lode,

Value \$3500.00

RED OXIDE No.2 Lode

No.1. The discovery shaft, the center of which being the discovery point, is on the lode line 25 ft from a point on line 1-2, 300 ft from Cor. No.1 4X6 ft 10 ft deep.

Value \$100.00

No. 2. A shaft on line 1-2, 280 ft from Cor No.1, 4X6 ft, 8 ft deep.

Value \$80.00

No.3. A shaft on line 1-2, 250 ft from Cor. No.1, 4X6 ft 8 ft deep.

Value \$80.00



## MINERAL SURVEY NO. 3730

## EXPENDITURE OF FIVE HUNDRED DOLLARS Cont'd

RED OXIDE NO. 2 Lode Cont'd.

No.4. A cut, the mouth of which brs. from Cor. No.1, N 70° 30' W. 340 ft, 4 ft wide, 8 ft face, running S. 25 ft to face; from face is a tunnel 4X6 ft running S 20 ft to face.

Value Cut and Tunnel \$400.00

No.5. A cut, the mouth of which brs. from Cor. No. 1, N 75° W. 360 ft, 4 ft. wide, 8 ft. face, running S. 20 ft. to face.

Value \$150.00

No.6. A shaft, the center of which brs. from Cor. No.1, N 87° W, 290 ft, 4X6 ft, 10 ft deep.

Value \$100.00

No. 7. A shaft, the center of which brs. from Cor. No. 1, S 84° W, 300 ft, 4X6 ft, 15 ft deep.

Value \$150.00

An undivided 1/6 interest in main shaft, Sur. No. 1758, Red Oxide lode hereinafter described, credited to this lode.

Value \$3500.00

RED OXIDE No.3 Lode.

No.1. The discovery point on the center line 300 ft from the center of line 1-2; a monument of stone 3 ft base by 2 ft high.

No value.

No.2 A shaft the center of which brs from Cor. No.2, N 36° W 250 ft, 4X6 ft, 10 ft deep.

Value \$100.00

No.3. A shaft, the center of which brs from Cor. No.2, N 41° 30' W. 230 ft, 4X6 ft, 10 ft deep.

Value \$100.00

## MINERAL SURVEY NO. 3730

EXPENDITURE OF FIVE HUNDRED DOLLARS Cont'd

RED OXIDE NO. 3 Lode Cont'd.

No.4. A shaft, the center of which brs from Cor. No.2, N 69°15' W. 240 ft, 4X6 ft, 8 ft deep.

Value \$80.00

No.5. A shaft the center of which brs from Cor No.2, N 72°30' W. 250 ft, 4X6 ft, 8 ft deep.

Value \$80.00

No.6. A cut, the mouth of which brs from Cor. No.2 N. 42°W.21.5 ft. 4½ ft wide, 5 ft face, running North 18 ft.

Value \$100.00

The main working shaft (timbered), <sup>on</sup> Sur. No.1758 Red Oxide No.3 lode, this survey Red Oxide lode, brs from Cor. No.2, N 89°30' E, 610 ft 6X8 ft, 500 ft deep, together with 1120 ft of drift.

Total Value \$21,000.00

An undivided 1/6 interest is assigned to this claim.

At the 200 ft level is a drift 4X6 ft running N. 64° W. 60 ft, thence N 58° W. 120 ft to face. At the 312 ft level is a drift 4X6 ft running S 16° E 20 ft to Sta.1, thence S 40° 30' E. 50 ft to face.

From Sta.1 is a drift 4X6 ft running N 69° W.280 ft to face.

At the 400 ft level is a drift 4X6 ft running N.26° 30' W 50 ft to Sta.1, thence N 26° 30' W.10 ft to face.

From Sta. 1 is a drift 4X6 ft running S 38° W.100 ft to face.

From Sta. 1 is another drift 4X6 ft running N. 27° E. 20 ft to face.

At the 500 ft level is a drift 4X6 ft, running N. 28° W, 10 ft to Sta. 1; thence N 66° 30' E. 20 ft to Sta. 3; thence S 50° 30' E. 120 ft to face.

## MINERAL SURVEY NO. 3730

## EXPENDITURE OF FIVE HUNDRED DOLLARS Cont'd

Red Oxide No. 3 Lode, Cont'd.

From Sta. 1 is a drift 4X6 ft, running S 46° W 20 ft to Sta 4; thence S 10° 30' E. 60 ft to Sta 5; thence West 180 ft to face.

This shaft is a practicable and feasible main working shaft for the group, as by drifting and cross-cutting therefrom in different directions towards and under the several claims of the group, the entire group may be advantageously developed and ore extracted therefrom, as all the discoveries are from 500 to 700 ft above the present bottom of this shaft. This improvement is therefore a common improvement for the benefit of the two claims of Sur. No. 1758, consisting of the Red Oxide and Wedge lodes; of the three claims of this Survey consisting of the Cresta Blanca, Red Oxide No.2 and Red Oxide No.3 lodes; also Sur. No. 3734 consisting of the Red Oxide No.4 lode, all belonging to Claimant herein.

An undivided 1/6th interest in this improvement, Value \$3500. has been credited to each of the six above mentioned lodes.

INSTRUMENT.

This Survey was made with a Gurley Mountain transit. The courses were deflected from the true Meridian, as determined by direct Solar Observations. The distances were measured with a 500 ft steel tape.

REPORT.

The lode line of each location of this claim was run directly upon the ground and the corners were established by running around the claims.

All tie lines were run directly upon the ground.

## MINERAL SURVEY NO. 3730

REPORT Cont'd.

The 1/4 Cor. bet. Secs. 2-3, consists of a limestone rock 6X8 ins. showing 10 ins. above ground chiseled with 1/4 on W face (originally) a post in md. of stone.

The Cor. to Secs. 2, 3, 10 and 11 consists of a pine post 4 ins. sq. by 2 1/2 ft. high, set in md. of stone, Scribed 2-3-10-11 T 17 S R 12 E.

U. S. M.M. No. 2 consists of a pine post 8 ins. diam. by 8 ft high, set in md. of stone, 4 ft base by 4 ft high; scribed U S M M No 2 Pima D.

Sur. No. 414, Arizona King lode; All corners consist of pine posts properly set, but most of the scribing thereon cannot be read on account of age of the monuments. I find all courses and distances to be correct as approved.

Sur. No. 416, Arizona Queen lode; All corners consist of pine posts properly set, but on account of the decayed condition of the corner numbers, cannot be distinguished.

Line 2-3 fails to furnish the course and distance as approved (S 81° W. 1050 ft) and same is properly given in these field notes.

Sur. No. 412 <sup>Western Extension</sup> ~~W. Ext.~~ San Xavier lode: Cor. No. 6 I assume to be identical with Cor. No. 5, Sur. No. 1758 Wedge lode, which consists of a limestone rock properly set and chiseled 5-1758. No other markings appear on stone. Near this corner are two pine posts 4 ins. sq. both scribed N W Cor. SX and N E Cor. W Ext. S X, apparently of the same age and set at a more recent date than when the survey was made.

Line 5-6 fails to furnish the course and distance as approved (S 81° W 1500 ft) and same is properly given in these field notes.

## MINERAL SURVEY NO. 3730

REPORT Cont'd.

Sur. No. 1758 Red Oxide lode, Cor. Nos. 1 and 2  
 Consist. of limestone rock properly and chiseled with  
 the number of the corner and the survey. I find course  
 and distance to be correct as approved.

Cor. Nos 1 and 2 Wedge lode; Both consist of  
 limestone rocks properly set and chiseled with the  
 number of the corner and the Sur. I do not agree with the  
 tie line of this survey, nor with the length of line 1-2.

Sur. No. 1573, Vulcan No.1 lode: Cor. Nos.2  
 and 3 both consist of limestone rocks properly set and  
 chiseled with the number of the corner and the Survey.  
 I find the course and distance to be correct as approved.

As there was no Notary Public within a long  
 distance, a great delay, expense and inconvenience would  
 result from strict compliance with the rule, I there-  
 fore proceeded to administer the necessary oath.

ADJOINING CLAIMS

This Survey is adjoined on the north by  
 Empire No.2, Valley lode and Vulcan No.7 lodes, un-  
 surveyed, claimants unknown.

Sur. No. 1573, Vulcan No.1 lode, claimant  
 unknown.

On the east by Sur. No. 1758 Red Oxide and  
 Wedge lodes, Claimant herein.

On the South by Sur. No. 412 W. Ext. San  
 Xavier lode, Sur. No. 416, Arizona Queen lode and Sur.  
 No.414, Arizona King lode, Claimants unknown.

On the West by Sur. No. 414 Arizona King lode  
 and Empire No.2 lode, Claimant unknown.

# 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  
San Xavier Extension Copper Company  
 known as the CRESTA BLANCA, RED OXIDE NO 2, and RED OXIDE NO 3 lodes  
 and showing the respective capacities in which they acted.

Roberto Zazueta ..... , Chainman.  
 ..... , Chainman.  
 ..... , Axman.  
 ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I, Roberto Zazueta  
 and ..... , do solemnly swear that we assisted  
T.N. Stevens ..... , United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of San Xavier Extension Copper Company  
 known as the CRESTA BLANCA, RED OXIDE NO 2, and RED OXIDE NO 3 lodes  
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully  
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-  
 tions furnished by the United States Surveyor-General for Arizona

Roberto Zazueta ..... , Chainman.  
 ..... , Chainman.  
 ..... , Axman.  
 ..... , Flagman.

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

day of January ..... , 1921

T.N. Stevens  
U.S. Mineral Surveyor

# 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 United States Surveyor General for Arizona, dated December 10, 1920, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of San Xavier Extension Copper Company, known as the CRESTA BLANCA, RED OXIDE NO. 2 and RED OXIDE NO. 3 lodes, situate in Pima Mining District, Pima County, Arizona, in Section 3, Township No. 17 S., Range No. 12 E. and designated as Survey No. 3730, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or 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 Isabel M. Lauder, a Notary Public  
 in and for Pima County, Arizona, this 11th  
 day of March, 19 21.

My Commission expires June 4 1924.  
*Isabel M. Lauder*  
 Notary Public Pima County  
 Arizona.

not included in transcript

MINERAL SURVEY NO. 3730

SOLAR OBSERVATIONS.

Direct Solar Observations taken Friday Jan. 7, 1921.  
at 9.06 AM, Solar time.

Sun Bisected.

Lat  $31^{\circ} 58'$

Lon.  $111^{\circ} 05'$ .

Difference in time 2 h 42 m.

Apparent Declination  $22^{\circ} 24' 20.3''$  ✓  
 $51.6$  ✓  
 HDec'l =  $22^{\circ} 23' 28.7''$  ✓  
 $90$   
 $112^{\circ} 23' 28.7''$  ✓

$$\sin \frac{1}{2} A = \sqrt{\frac{\sin (S-L)(S-H)}{\cos L \cos H}}$$

L =  $31^{\circ} 58'$  ✓  
 H =  $21^{\circ} 18'$  ✓  
 $112^{\circ} 23'$   
 $2) 165^{\circ} 39'$   
 $82^{\circ} 49' 30''$  ✓

S-L =  $50^{\circ} 51' 30''$  ✓      9.8896308 ✓  
 S-H =  $61^{\circ} 31' 30''$  ✓      9.9440013 ✓  
    0.0714217 ✓  
    0.0307280 ✓  
 $2) 19.9357818$  ✓  
 $9.9678909$  ✓ =  $68^{\circ} 14' 20''$  ✓  $\frac{1}{2} A$   
 $136^{\circ} 28' \sim A$

$180^{\circ}$   
 $136^{\circ} 28'$   
 S  $43^{\circ} 32'$  E Course of Sun.  
 $40^{\circ} 58'$  Ang. to left from sun.  
 S  $84^{\circ} 30'$  E. Course of line. ✓

Set up at Cor. No. 3 R O No. 3 - F S Cor. No. 2.



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

## Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 30, 1921

I, U. S. Surveyor-General for DISTRICT OF ARIZONA,

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

SAN XAVIER EXTENSION COPPER COMPANY

known as the CRESTA BIANCA, RED OXIDE NO. 2, and RED OXIDE NO. 3 Lodes situate in PIMA

Mining District, PIMA County, ARIZONA,

in Section 3, Township No. 17 S., Range No. 12 E., and

designated as Survey No. 3730, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if

incorporated into a patent, serve fully to identify the premises, and that such reference is made therein

to natural objects or permanent monuments as will perpetuate and fix the *locus* thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements

consist of 10 shafts, 3 cuts, 1 tunnel, and 3/6 of the value of the

main working shaft on the Red Oxide lode, Sur. No. 1758,

total value \$12,120.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for Arizona.

SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES  
AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR  
OFFICE OF U. S. SURVEYOR GENERAL

.....Phoenix, Arizona,.....

.....April 30, 1921.....

I, U. S. Surveyor General for .....DISTRICT OF ARIZONA,.....

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

.....SAN XAVIER EXTENSION COPPER COMPANY.....

....., known as the

.....CRESTA BLANCA, RED OXIDE NO. 2, and RED OXIDE NO. 3 Lodes,.....

situate in .....PIMA..... mining district,

.....PIMA..... County, .....ARIZONA.....

in Section .....3....., Township No. ....17 S.,....., Range No. ....12 E.,.....

.....G. & SRB. & M., designated as Survey No. ....3730.....

executed by .....T. H. Stevens....., U. S. Mineral

Surveyor, .....January 5 - 8....., 1921, under my instructions dated

.....December 10,....., 1920 have been critically examined and the necessary cor-

rections 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.



.....U. S. Surveyor General for Arizona.....

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

9605 (942)  
M.S. 3730

---

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Red Oxide No. 3 lode, Mineral Survey No. 3730, located in section 3, 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:

"Red Oxide No. 3 lode, M.S. 3730 was canceled January 30, 1992, by memo 9605 (942) M.S. 3730, which is now a part of the original field notes."

January 30, 1992  
Date



---

Chief Cadastral Surveyor of Arizona

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

9605 (922-TR)

---

January 16, 1992

Memorandum

To: Chief, Branch of Cadastral Survey  
From: Deputy State Director, Mineral Resources  
Subject: Mining Claim Verification

This is in response to your request for verification of mining claims in sections 3, 4, 5, 10, 14 and 15, T. 12 S., R. 8 E., section 35, T. 16 S., R. 12 E., sections 2 and 11, T. 17 S., R. 12 E., G&SRM. See the attachment for a list of the Survey Numbers, Claim Names, and Case File Serial Numbers (if available) and Status. So that the Mineral Surveys may or may not be canceled, we have checked if all of the lodes were recorded as required under FLPMA and that the annual assessment work has been kept up to date.

If you have any questions, please contact Tom Reitmeyer at extension 358.

*Carol Busque*

1 Attachment  
1 - UNPATENTED CLAIMS (SURVEYED) (2 pp)

**UNPATENTED CLAIMS (SURVEYED)**

TOWNSHIP 12 SOUTH, RANGE 8 EAST  
Sections 3, 4, 5, 10, 14 and 15

<u>Claim No. and Name:</u>	<u>Serial Number:</u>	<u>Status:</u>
396	Blue Coat	Not filed under FLPMA
398	Old Boot	Not filed under FLPMA
496	Detroit	Not filed under FLPMA
604	Dolly Varden	Not filed under FLPMA
2799	Equity	Not filed under FLPMA
4157	Mountain Dew	Not filed under FLPMA
4749	May No. 8	AMC 48528 91 assessment on file
4750	May 46	AMC 48559 91 assessment on file
	May 47	AMC 48560 91 assessment on file

---

TOWNSHIP 16 SOUTH, RANGE 12 EAST  
Section 35

<u>Claim No. and Name:</u>	<u>Serial Number:</u>	<u>Status:</u>
4548	Louis No. 13	AMC 24407 91 assessment on file
	Lime No. 1	AMC 24408 Closed March 7, 1989
	Lime No. 4	AMC 24409 Closed March 7, 1989
	Yaqui	AMC 24410 91 assessment on file
	Algonquin	AMC 24411 91 assessment on file
	Iriquois	AMC 24412 91 assessment on file
	Pueblo	AMC 24413 91 assessment on file
	Acoma	AMC 24414 91 assessment on file
	Pima	AMC 24415 Closed March 7, 1989
	Yuma	AMC 24416 Closed March 7, 1989
	Yavapai	AMC 24417 Closed March 7, 1989
	Mohave	AMC 24418 Closed March 7, 1989
	Gila	AMC 24419 Closed March 7, 1989
	Blackfoot	AMC 24420 Closed March 7, 1989
	Key	AMC 24421 Closed March 7, 1989
4584	Ute	AMC 24403 91 assessment on file
	Piute	AMC 24404 91 assessment on file
	Hopi	AMC 24406 91 assessment on file
	Comanche	AMC 24405 91 assessment on file
4583	Contact	AMC 24402 91 assessment on file
	Gypsy	AMC 24401 91 assessment on file
	Hogle Fraction	AMC 24398 Closed March 7, 1989
	Hogle #1	AMC 24397 91 assessment on file
	Bolsa	AMC 24399 91 assessment on file
	Jupiter No. 2	Not filed under FLPMA
	Fracton 4	
3737	Two Boys	Not filed under FLPMA

TOWNSHIP 17 SOUTH, RANGE 12 EAST  
Sections 2 and 11

<u>Claim No. and Name:</u>	<u>Serial Number:</u>	<u>Status:</u>
3726	Elda B.	Not filed under FLPMA
1650	Gen No. 1 San Xavier	Not filed under FLPMA
2294	Vulcan No. 5	Not filed under FLPMA
2237	Prince Rupert AMC 5922	91 assessment on file
4295	Staple AMC 5917	91 assessment on file
4583	Jupiter Fraction No. 2	Not filed under FLPMA
4583	Hogle Fraction AMC 24398	Closed March 7, 1989
4548	Blackfoot AMC 24420	Closed March 7, 1989
3730	Red Oxide No. 3	Not filed under FLPMA