

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4445

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

ELSIE MASSEY, MARY ELLEN PRATT and ANTHONY A. VICAR

Known As The

RED CROSS EXTENSION Lode

CAVE CREEK

Mining District,

MARICOPA

County,

ARIZONA

Section 33, Township 5 North, Range 4 East G&SRM  
6 North, Range 4 East

Surveyed under order dated February 24, 1958

by Harvey W. Smith  
Mineral Surveyor.

Claim located September 5, 1956

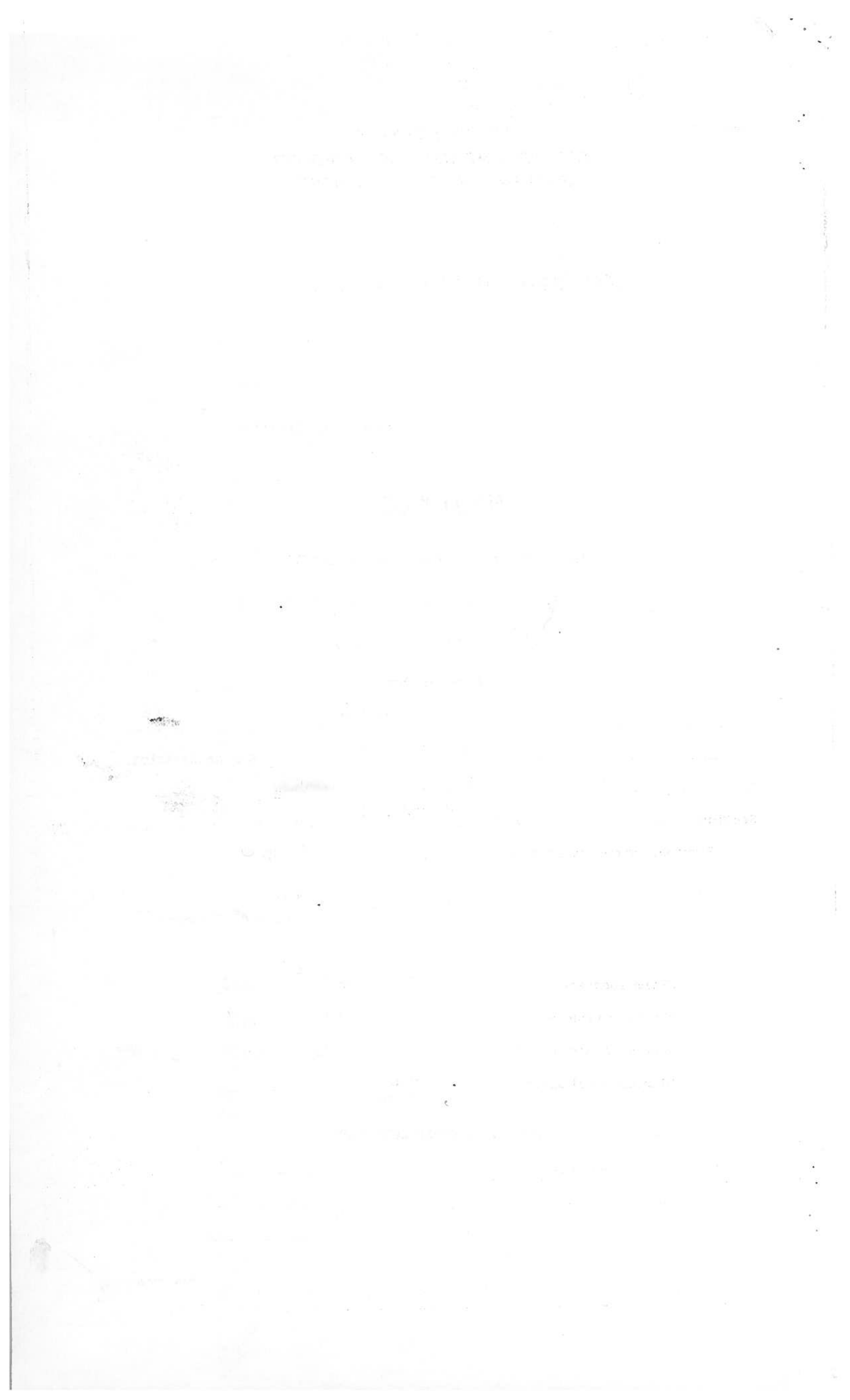
Survey commenced May 10, 1958

Survey completed May 20, 1958

Address of claimant 2515 W. Mariposa  
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

-----  
-----  
-----



Check Feet

This survey was made with a C. E. Berger & Sons transit No. 15045 with horizontal limb 6 1/4 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc. A colored lense was adapted for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

May 19, 1958, at Cor. No. 1 of the Red Cross Extension, in latitude 33° 48.72' N. and longitude 111° 56.62', I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point about 80 yards northeastward to the sun.

- Local standard time of observation, 105th meridian standard time - 7:40 a.m.
- Declination of sun, Greenwich apparent noon on day of observation May 8, 1958 - 19° 42' 59.4"
- Mean observed vertical angle to sun's center - 26° 22"
- Mean horizontal angle from reference point to sun's center - 7° 42.5'
- True bearing to reference point - N. 75° 17' E.

The lines were measured with a Lufkin steel tape, 300 feet in length, graduated every foot for 299 feet, and the remaining foot graduated to tenths and hundredths. The tape was new at the beginning of the survey and guaranteed to be accurate.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 15" 0' E.

RED CROSS EXTENSION LODGE

Cor. No. 1, identical with Cor. No. 5, Sur. No. 4472, Red Cross lode, and on line 2-3, Sur. No. 2678A, Henry W. Grady lode, a standard General Land Office iron post, 1 in. diam., firmly set with 12 ins. above ground and brass cap mkd. RC-5-HWG; I add the marks RCE-1-4445, from which

No bearing trees or objects available.

The N. 1/4 cor. of Sec. 4, T. 5 N., R. 4 E., G&SRM, bears N. 68° 11' W., 2266.89 ft. dist.

Cor. No. 2, Sur. No. 2678A, Henry W. Grady lode, bears N. 21° 25' W., 743.41 ft. dist.

Thence N. 68° 18' 30" E.

300.0 Lode line; discovery pt. bears N. 26° 27' W., 900 ft. dist.

598.62 Cor. No. 2, identical with Cor. No. 1, Sur. No. 4472, Red Cross lode, a standard General Land Office iron post, 1 in. diam., set in mound of rocks, with brass cap mkd. RC-1-4472; I add marks RCE-2-4445.

<p>1498.03</p>	<p>No bearing trees or objects available.</p> <p>Thence N. 26° 22' W.</p>
<p>700.75</p>	<p>Intersect the line between Secs. 4 and 33 at a point from which the cor. of Secs. 3, 4, 33 and 34 bears N. 89° 56' E., 308.32 ft. dist.</p>
<p>1498.03</p>	<p>Cor. No. 3.</p> <p>Set a galvanized iron post, 1 in. diam., 20 ins. long, 10 ins. of which is set in the ground in a 25-pound concrete base, copper cap marked RCE-3-X-4445.</p>
<p>300.14</p>	<p>No bearing tree or objects available.</p> <p>Thence S. 68° 18' 30" W.</p>
<p>600.14</p>	<p>Lode line; discovery point bears S. 26° 27' E., 598.14 ft. dist.</p> <p>Cor. No. 4.</p> <p>Set a galvanized iron post, 1 in. diam., 20 ins. long, 10 ins. of which is set in the ground, in a 25-pound concrete base, copper cap marked RCE-4-X-4445, from which</p> <p>A location cor. bears N. 26° 27' W., 64.30 ft. dist.</p>
<p>550.26</p>	<p>No bearing trees or objects available.</p> <p>Thence S. 26° 27' E.</p> <p>Intersect the sec. line between Secs. 4 and 33 at a point from which the cor. of secs. 3, 4, 33 and 34 bears N. 89° 56' E., 977.63 ft. dist.</p>
<p>750.50</p>	<p>Intersect line 1-2, Sur. No. 2678A, Henry W. Grady lode, at a point from which Cor. No. 2 bears N. 69° 39' E., 65.60 ft. dist.</p>
<p>1498.14</p>	<p>Cor. No. 1 and place of beginning.</p>

<p>AREAS</p>	
	<p>Acres</p>
Total area, Red Cross Extension lode	20.543
Area in conflict with Sur. No. 2678A, Henry W. Grady lode	0.558
<p>LOCATION</p>	
<p>This survey is located in the NE<math>\frac{1}{4}</math> of Sec. 4, T. 5 N., R. 4 E., and SE<math>\frac{1}{4}</math> of Sec. 33, T. 6 N., R. 4 E., G&amp;SRM, Arizona.</p>	
<p>The survey is wholly within the locations as marked on the ground; Cors. Nos. 1, 2 and 3 are identical with the corners of the location; Cor. No. 4 differs to the extent previously shown.</p>	
<p>EXPENDITURES</p>	
<p>The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant or its grantors are as follows:</p>	



- | Corners | Notes   |
|---------|---|
| No. 1   | <p>The discovery cut and shaft, the shaft being sunk on the discovery point, is on the lode line 900 ft. from a point on line 1-2, 300 ft. from Cor. No. 1; the shaft is 5 x 6 ft., 10 ft. deep; a cut bears N. 41° E. from the shaft and is 5 ft. wide, 5 ft. deep at face and 18 ft. long.<br/>Value of shaft and cut, \$400.00</p> |
| No. 2   | <p>A trench, the west end of which bears N. 21° W., 610 ft. dist. from Cor. No. 1, is 8 ft. wide, 15 ft. long and average depth of 3 ft.<br/>Value, \$100.00</p>  |

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 2678A, Henry W. Grady lode: Cor. No. 1 is a black schist rock, 2 x 3 x 1 ft., exposed, mkd. HWG-1, with a 4 x 4 in. wood post firmly set, with 3 ft. above ground adjacent to the rock. Cor. No. 2 is a 4 x 4 in. wood post, firmly set with 2 ft. above ground, mkd. 2678A. Cor. No. 3 is a standard General Land Office iron post, 1 in. diam., firmly set and properly marked. Line 1-2 was found to be N. 69° 39' E., instead of N. 69° 33' 30" E., as approved.

Sur. No. 4472, Red Cross lode: Cors. 1 and 2 are standard General Land Office iron posts, 1 in. diam., firmly set and properly marked. Line 1-2 was found to be 598.62 ft. instead of 600.00 ft., as approved.

The cor. of Secs. 3, 4, 33 and 34, Ts. 5 and 6 N., R. 4 E., is a cross (X) with three grooves on E. and W. sides, marked on NW face of a small ledge. The N.  $\frac{1}{4}$  cor. of Sec. 4 is a standard General Land Office iron post, 1 in. diam., firmly set and properly marked.

FIELD ASSISTANTS

Name	Capacity
Troy Sheets	Chairman
James De Paoli	Axeman

Chains	Description	Number
	<p>The discovery cut and shaft, the shaft being sunk on the discovery point, is on the ledge line 200 ft. from a point on line I-2, 200 ft. from cor. No. 1; the shaft is 5 x 6 ft., 10 ft. deep; a cut bears N. 15° E. from the shaft and is 5 ft. wide, 1 ft. deep at base and 18 ft. top.</p> <p>Value of shaft and cut, \$100.00</p>	No. 1
	<p>A branch, the west end of which bears N. 15° W., 610 ft. dist. from cor. No. 1, is 3 ft. wide, 15 ft. long and averages depth of 5 ft.</p> <p>Value, \$100.00</p>	No. 2
OTHER CORNER DESCRIPTIONS AND INSTRUMENT DATA		
	<p>Cor. No. 2578A, Henry W. Grady lot: Cor. No. 1 is a Jack shaft rock, 2 x 3 x 1 ft., exposed, and 18-1, with a 1/2 x 1/2 in. wood post firmly set, with 3 ft. above ground adjacent to the rock. Cor. No. 2 is a 1/2 x 1/2 in. wood post, firmly set with 2 ft. above ground, and 2578A, Cor. No. 3 is a standard General Land Office iron post, 1 in. diam., firmly set and properly marked. Line I-2 was found to be N. 25° 30' E., instead of N. 25° 30' E., as approved.</p> <p>Cor. No. 2578B, Red Cross ledge: Cor. 1 and 2 are standard General Land Office iron posts, 1 in. diam., firmly set and properly marked. Line I-2 was found to be S 68° 02' E., instead of S 68° 02' E., as approved.</p> <p>The cor. of Sec. 3, 1/4, 33 and 34, T. 2 S. and R. 1 E., is a corner (Y) with three grooves on E. and W. sides, marked on NW face of a small ledge. The N. 1/4 cor. of Sec. 4 is a standard General Land Office iron post, 1 in. diam., firmly set and properly marked.</p>	
FIELD ASSISTANTS		
	<p>Name        Troy Sletta        James De Pauli</p> <p>Occupation        Geologist        Geologist</p>	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

July 28, 1958

I, Harvey W. Smith  
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Bureau  
of Land Management, at Phoenix, Arizona

dated February 24, 1958, I have faithfully and correctly executed the survey of  
the mining claim of Elsie Massey, Mary Ellen Pratt and Anthony A. Vicar

known as the Red Cross Extension lode  
(Lode, placer, or mill site)

situate in Cave Creek mining district, Maricopa County, Section 33  
Section 4

6 N. 4 E.  
T. 5 N., R. 4 E., G&SR Base and Meridian, Arizona, and  
(State)

designated as Survey No. 4445, which is represented in the foregoing field notes as having been  
executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the Red Cross Extension location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or their grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no  
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate  
of expenditures upon any other claim.

HARVEY W. SMITH

Phoenix, Arizona  
(Place)

Harvey W. Smith  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Cadastral Survey Office  
(Office)

Phoenix, Arizona July 21, 1959  
(Place) (Date)

The foregoing field notes of mineral survey No. 4445, in  
Sec. 33 6 N. 4 E.  
Sec. 4 5 N. 4 E., T. 5 N., R. 4 E., Gila & Salt River Meridian,

Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State)

under order dated February 24, 1958, having been critically examined and the necessary  
corrections made prior to their certification by the surveyor, the field notes and the survey therein described  
are hereby approved.

Lester S. Mann  
Lester S. Mann

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CERTIFICATE OF SURVEY

July 28, 1938

Surveyed by [Name], Surveyor  
Section 23  
County, Arizona  
Arizona  
[Signature]  
Phoenix, Arizona

CERTIFICATE OF APPROVAL

Bureau of Land Management - Federal Survey  
Phoenix, Arizona  
July 28, 1938  
[Signature]  
Phoenix, Arizona  
February 25, 1938  
[Signature]  
Phoenix, Arizona  
Jesse J. Mann  
Office Federal Survey

CERTIFICATE OF APPROVAL

[Faint text at the bottom of the page, including a signature and date]





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
3022 Federal Building  
Phoenix, Arizona 85025

IN REPLY REFER TO

9183.1 (942)  
M.S. #4445

11-30-73

1

November 26, 1973

## Memorandum

To : Chief, Division of Management Services  
Att'n. Branch of Records and Data Management (952)

From : State Director, Arizona

Subject: Mineral Survey No. 4445

This memorandum cancels the survey of the RED CROSS EXTENSION lode mining claim of Mineral Survey No. 4445.

The following notation should be made on the plat of Mineral Survey No. 4445:

"Survey of the RED CROSS EXTENSION lode claim canceled by State Director's memorandum dated November 26, 1973."

The plat and field notes should remain in the files. This memorandum should be made a part of the original field notes.

The RED CROSS EXTENSION lode mining claim, surveyed under M.S. #4445, was declared null and void on November 19, 1973.

Mineral Survey No. 4445 does not appear on any subsisting plats. The Maricopa County Board of Supervisors has filed R. & P. P. Application AR-017961-A which includes the lands embraced in M.S. #4445.

*John T. Johnson*

cc: Director (420)



United States Department of Justice

OFFICE OF THE ATTORNEY GENERAL  
WASHINGTON, D. C.

January 10, 1933

To: Chief, Division of Inspection and Investigation  
U. S. Department of Justice

From: Special Agent in Charge, Bureau of Investigation

Re: [Illegible]

The following information was obtained on the file of [Illegible]

[Illegible]

The [Illegible] [Illegible] [Illegible]

The [Illegible] [Illegible] [Illegible]

[Illegible]

Very truly yours,  
[Illegible]