

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4520

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

WOODLIEF F. BROWN

Known As The

COPPER NUGGET NOS. 1, 2, 3 and 4 & ROSE NOS. 1, 4 and 5 LODES

California Mining District,

Cochise County, Arizona

Section 26, Township 15 South, Range 30 East, G&SR Mer.

Surveyed under order dated January 29, 1960

by Robert Lenon  
Mineral Surveyor.

Copper Nugget Nos. 1 thru 4--October 1, 1931  
Claim located Rose Nos. 1, 4 and 5--November 15, 1931

Survey commenced March 27, 1960

Survey completed May 13, 1960

Address of claimant c/o Victor H. Verity, Attorney  
2207 East Waverly Street  
Tucson, Arizona

DATES OF AMENDED LOCATIONS

ALL AMENDED JANUARY 26, 1960



Chains  
Feet

This survey was made with a Bausch and Lomb Precise Transit No. 9259, with horizontal limb  $5\frac{1}{2}$  ins. diam., having two single opposite verniers, and full vertical circle  $4\frac{1}{4}$  ins. diam., having two double opposite verniers, all verniers reading to one minute of arc; the eyepiece is equipped with a colored glass set in the dust shutter 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 double horizontal angles referred to the meridian determined by the following observations:

May 13, 1960, at Cor. No. 1, Copper Nugget No. 2 lode, in latitude  $32^{\circ} 06' N.$ , and longitude  $109^{\circ} 15' W.$ , I make a series of four altitude observations upon the sun for azimuth at approximately equal time intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from Cor. No. 2, Copper Nugget No. 2 lode, clockwise, Wily to the sun.

	(1)	(2)
Mean time of observation		
105th meridian standard time:	$4^h 07^m$ p.m.	$4^h 13^m$ p.m.
Declination of sun at mean time of observation:		$18^{\circ} 34' N.$
Mean observed vertical angles to sun's center:	$36^{\circ} 16'$	$35^{\circ} 37'$
Mean horizontal angles from reference point to sun's center:	$90^{\circ} 44' 30''$	$91^{\circ} 09' 30''$
True bearing to reference point:	$S. 0^{\circ} 24' E.$	

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the end feet graduated to tenths and hundredths; and a Chicago steel tape, 300 ft. in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard at the time of beginning the survey and found correct.

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

The magnetic declination observed at each corner of the survey gave a uniform value of  $13^{\circ} 00' E.$

#### ROSE NO. 1 LODGE

At Cor. No. 1 of the Rose No. 1 lode

This cor. falls in Fox Canyon Wash where a permanent monument cannot be established.

The  $\frac{1}{4}$  cor. of Secs. 25 & 26, T. 15 S., R. 30 E., G&SR Mer., bears  $S. 69^{\circ} 44' E.$ , 698.84 ft. dist.; an iron post, 1 in. diam., 12 ins. above ground, firmly set and properly mkd.

Thence  $S. 0^{\circ} 24' E.$

Chain Feet	
58.0	Leavewash; course N. 70° E.
60.0	Witness to Cor. No. 1. Set an iron pipe, 24 ins. long, 1½ ins. diam., 18 ins. in the ground with a mound of stone alongside, with brass cap mkd. WC-60-RL-1-4520.
300.0	Lode line; discovery pt. bears S. 89° 36' W., 500 ft. dist.
600.0	Cor. No. 2, falling on line 4-1 of the Rose No. 4 lode of this survey. Set an iron pipe, 24 ins. long, 1½ ins. diam., 18 ins. in the ground, with a mound of stone alongside; with brass cap mkd. RL-2-RL-4520; from which A limestone outcrop, 24 x 30 ins., bears N. 0° 24' W., 9.0 ft. dist., mkd. X-BO-4520. Thence S. 89° 36' W.
1040.00	Gulch, 5 ft. wide, course S. 45° E.
1200.00	Cor. No. 4 of the Rose No. 4 lode, identical with Cor. No. 1 of the Rose No. 5 lode of this survey
1500.00	Cor. No. 3, identical with Cor. No. 2 of the Copper Nugget No. 4 lode and falling on line 4-1 of the Rose No. 5 lode, both of this survey. Set an iron pipe, 24 ins. long, 2 ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. RL-3-R5-CN4-2-4520. Thence N. 0° 24' W.
300.00	Lode line; discovery pt. bears N. 89° 36' E., 1000 ft. dist.
580.00	Witness to Cor. No. 4 and Cor. No. 1, Copper Nugget No. 4 lode of this survey. Set an iron pipe, 24 ins. long, 2 ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. WC-20-RL-4-CN4-1-4520.
600.00	Cor. No. 4, identical with Cor. No. 1 of the Copper Nugget No. 4 lode of this survey. This cor. falls in Fox Canyon Wash where a permanent monument cannot be established. Cor. is at foot of the S. bank of wash. Thence N. 89° 36' E.
1500.00	Cor. No. 1 and place of beginning.
	ROSE NO. 4 LODE Beginning at Cor. No. 1 of the Rose No. 4 lode. Cut an "X" 8 ins. up on an outcrop of limestone, 2 x 4 ft., from which



Obends  
Feet

	The $\frac{1}{4}$ cor. of Secs. 25 and 26 bears N. $44^{\circ} 38' 30''$ E., 500.03 ft. dist., previously described.
	Thence S. $0^{\circ} 24'$ E.
3.00	Witness to Cor. No. 1.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with a mound of stone alongside, with brass cap mkd. WC-3-R4-1-4520.
300.00	Lode line; discovery point bears S. $89^{\circ} 36'$ W., 265 ft. dist.
331.00	Road, 12 ft. wide, bears East-West.
469.00	Gulch, 3 ft. wide, course S. $52^{\circ}$ E.
493.00	Gulch, 3 ft. wide, course N. $60^{\circ}$ E.
600.00	Cor. No. 2.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. X-R4-2-4520.
	Thence S. $89^{\circ} 36'$ W.
255.00	Gulch, 3 ft. wide, course N. $50^{\circ}$ E.
915.00	Gulch, 5 ft. wide, course N. $74^{\circ}$ E.
1350.00	Gulch, 7 ft. wide, course S. $71^{\circ}$ E.
1500.00	Cor. No. 3, falling on line 1-2 of the Rose No. 5 lode of this survey.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with a mound of stone alongside, with brass cap mkd. X-R4-3-R5-4520.
	Thence N. $0^{\circ} 24'$ W.
9.00	Gulch, 5 ft. wide, course N. $75^{\circ}$ E.
74.00	Gulch, 5 ft. wide, course N. $75^{\circ}$ E.
263.00	Road, 12 ft. wide, bears East-West.
300.00	Lode line; discovery pt. bears N. $89^{\circ} 36'$ E., 1235 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 1 of the Rose No. 5 lode and falling on line 2-3 of the Rose No. 1 lode, both of this survey.
	Set an iron pipe, 24 ins. long, 2 ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. X-R4-4-R5-1-R1-4520.
	Thence N. $89^{\circ} 36'$ E.
160.00	Gulch, 5 ft. wide, course S. $45^{\circ}$ E.
1200.00	Cor. No. 2 of the Rose No. 1 lode of this survey, previously described.
1350.00	Gulch, 3 ft. wide, course S. $5^{\circ}$ E.
1500.00	Cor. No. 1 and place of beginning.

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CHAINS Feet	ROSE NO. 5 LODE
	Beginning at Cor. No. 1 of the Rose No. 5 lode, identical with Cor. No. 4 of the Rose No. 4 lode and falling on line 2-3 of the Rose No. 1 lode, both of this survey, previously described.
	The $\frac{1}{4}$ cor. of Secs. 25 & 26 bears N. $78^{\circ} 48' 30''$ E., 1887.27 ft. dist., previously described.
	Thence S. $0^{\circ} 24'$ E.
337.00	Road, 12 ft. wide, bears East-West.
526.00	Gulch, 5 ft. wide, course N. $75^{\circ}$ E.
591.00	Gulch, 5 ft. wide, course N. $75^{\circ}$ E.
600.00	Cor. No. 3 of the Rose No. 4 lode of this survey, previously described.
730.00	Gulch, 20 ft. wide, course N. $72^{\circ}$ E.
970.00	Gulch, 3 ft. wide, course N. $81^{\circ}$ E.
1402.00	Gulch, 3 ft. wide, course N. $85^{\circ}$ E.
1480.00	Witness to Cor. No. 2.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground with a mound of stone alongside, with brass cap mkd. WC-20-R5-2-4520.
1500.00	Cor. No. 2 falls in a gulch where a permanent monument cannot be established.
	Thence S. $89^{\circ} 36'$ W.
3300.00	Lode line; discovery point bears N. $0^{\circ} 24'$ W., 1400 ft. dist.
600.00	Cor. No. 3, identical with Cor. No. 2 of the Copper Nugget No. 3 lode of this survey.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground with mound of stone alongside, with brass cap mkd. R5-3-CN3-2-4520.
	Thence N. $0^{\circ} 24'$ W.
65.00	Gulch, 3 ft. wide, course N. $65^{\circ}$ E.
687.00	Gulch, 10 ft. wide, course N. $82^{\circ}$ E.
777.00	Gulch, 10 ft. wide, course S. $33^{\circ}$ E.
1107.00	Gulch, 3 ft. wide, course N. $70^{\circ}$ E.
1155.00	Gulch, 2 ft. wide, course S. $50^{\circ}$ E.
1210.00	Road, 12 ft. wide, bears S. $75^{\circ}$ W. and N. $75^{\circ}$ E.
1500.00	Cor. No. 4, identical with Cor. No. 1 of the Copper Nugget No. 3 lode and falling on line 2-3 of the Copper Nugget No. 4 lode, both of this survey.
	Set an iron pipe, 24 ins. long, 2 ins. diam., 18 ins. in the ground with mound of stone alongside, with brass cap mkd. R5-4-CN3-1-CN4-4520.



Survey No. 4520

5

XCHISE  
Feet

Thence N. 89° 36' E.

300.00 Lode line, identical with Cor. No. 2 of the Copper Nugget No. 4 lode, identical with Cor. No. 3 of the Rose No. 1 lode, both of this survey, previously described; discovery point bears S. 0° 24' E., 100 ft. dist.

600.00 Cor., No. 1 and place of beginning.

## COPPER NUGGET NO. 4 LODE

Beginning at Cor. No. 1 of the Copper Nugget No. 4 lode, identical with Cor. No. 4 of the Rose No. 1 lode of this survey.

This cor. falls in Fox Canyon Wash where a permanent monument cannot be established; from which

The  $\frac{1}{4}$  cor. of secs. 25 and 26 bears S. 83° 52' E., 2167.93 ft. dist., previously described.

Thence S. 0° 24' E.

20.00 Witness to Cor. No. 1, previously described.

300.00 Lode line; discovery pt. bears S. 89° 36' W., 1275 ft. dist.

600.00 Cor. No. 2, identical with Cor. No. 3 of the Rose No. 1 lode, and falling on line 4-1 of the Rose No. 5 lode, both of this survey, previously described.

Thence S. 89° 36' W.

300.00 Cor. No. 4 of the Rose No. 5 lode, identical with Cor. No. 1 of the Copper Nugget No. 3 lode, both of this survey, previously described.

900.00 Cor. No. 4 of the Copper Nugget No. 3 lode, identical with Cor. No. 1 of the Copper Nugget No. 2 lode, both of this survey.

1500.00 Cor. No. 3, identical with Cor. No. 4 of the Copper Nugget No. 2 lode, and falling on line 1-2 of the Copper Nugget No. 1 lode, both of this survey.

Set an iron pipe, 24 ins. long,  $1\frac{1}{2}$  ins. diam., 18 ins. in the ground, with a mound of stone alongside, with brass cap mkd. X-CN4-3-CN2-4-CN1-4520.

Thence N. 0° 24' W.

300.00 Lode line; discovery pt. bears N. 89° 36' E., 225 ft. dist.

600.00 Cor. No. 4, identical with Cor. No. 1 of the Copper Nugget No. 1 lode of this survey.

Set an iron pipe, 24 ins. long,  $1\frac{1}{2}$  ins. diam., 18 ins. in the ground with mound of stone alongside, with brass cap mkd. CN4-4-CN1-1-4520.

Thence N. 89° 36' E.

1150.00 Enter Fox Canyon Wash, 50 ft. wide, course S. 57° E.

1500.00 Cor. No. 1 and place of beginning.

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CERRIK

## COPPER NUGGET NO. 3 LODE

Beginning at Cor. No. 1 of the Copper Nugget No. 3 lode, identical with Cor. No. 4 of the Rose No. 5 lode, and falling on line 2-3 of the Copper Nugget No. 4 lode, both of this survey, previously described.

The  $\frac{1}{4}$  cor. of secs. 26 and 25 bears N.  $81^{\circ} 24' 20''$  E., 2479.14 ft. dist., previously described.

Thence S.  $0^{\circ} 24'$  E.

290.00	Road, 12 ft. wide, bears S. $75^{\circ}$ W. and N. $75^{\circ}$ E.
345.00	Gulch, 10 ft. wide, course S. $50^{\circ}$ E.
393.00	Gulch, 3 ft. wide, course N. $70^{\circ}$ E.
723.00	Gulch, 10 ft. wide, course S. $33^{\circ}$ E.
813.00	Gulch, 10 ft. wide, course N. $82^{\circ}$ E.
1435.00	Gulch, 3 ft. wide, course N. $65^{\circ}$ E.
1500.00	Cor. No. 2, identical with Cor. No. 3 of the Rose No. 5 lode of this survey, previously described.
	Thence S. $89^{\circ} 36'$ W.
97.00	Gulch, 3 ft. wide, course N. $65^{\circ}$ E.
300.00	Lode line; discovery pt. bears N. $0^{\circ} 24'$ W., 1370 ft. dist.
600.00	Cor. No. 3, identical with Cor. No. 2 of the Copper Nugget No. 2 lode of this survey.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. CN3-3-CN2-2-4520.
	Thence N. $0^{\circ} 24'$ W.
170.00	Road, 12 ft. wide, bears N. $46^{\circ}$ E. and S. $46^{\circ}$ W.
285.00	Gulch, 20 ft. wide, course N. $65^{\circ}$ E.
525.00	Gulch, 12 ft. wide, course N. $83^{\circ}$ E.
722.00	Gulch, 2 ft. wide, course N. $63^{\circ}$ E.
757.00	Gulch, 4 ft. wide, course S. $65^{\circ}$ E.
1075.00	Gulch, 10 ft. wide, course N. $85^{\circ}$ E.
1191.00	Gulch, 5 ft. wide, course S. $60^{\circ}$ E.
1500.00	Cor. No. 4, identical with Cor. No. 1 of the Copper Nugget No. 2 lode and falling on line 2-3 of the Copper Nugget No. 4 lode, both of this survey.
	Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with mound of stone alongside, with brass cap mkd. CN3-4-CN2-1-CN4-4520; from which



Chains  
Feet

An "X" 12 ins. up on a limestone outcrop, 3 x 5 ft., bears N. 0° 24' W., 14.55 ft. dist., mkd. X-ER-4520.

Thence N. 89° 36' E.

300.00 Lode line; discovery point bears S. 0° 24' E., 130 ft. dist.

600.00 Cor. No. 1 and place of beginning.

COPPER NUGGET NO. 2 LODGE

Beginning at Cor. No. 1 of the Copper Nugget No. 2 lode, identical with Cor. No. 4 of the Copper Nugget No. 3 lode and falling on line 2-3 of the Copper Nugget No. 4 lode, both of this survey, previously described; from which

The  $\frac{1}{2}$  cor. of secs. 25 and 26 bears N. 83° 00' E., 3074.22 ft. dist., previously described.

An "X" 12 ins. up on a limestone outcrop, 3 x 5 ft., bears N. 0° 24' W., 14.55 ft. dist., previously described.

Thence S. 0° 24' E.

309.00 Gulch, 5 ft. wide, course S. 60° E.

425.00 Gulch, 10 ft. wide, course N. 85° E.

743.00 Gulch, 4 ft. wide, course S. 65° E.

778.00 Gulch, 2 ft. wide, course N. 63° E.

975.00 Gulch, 12 ft. wide, course N. 83° E.

1215.00 Gulch, 20 ft. wide, course N. 65° E.

1330.00 Road, 12 ft. wide, bears N. 46° E. and S. 46° W.

1500.00 Cor. No. 2, identical with Cor. No. 3 of the Copper Nugget No. 3 lode of this survey, previously described.

Thence S. 89° 36' W.

165.00 Road, 12 ft. wide, bears N. 46° E. and S. 46° W.

261.00 Gulch, 15 ft. wide, course N. 10° W.

300.00 Lode line; discovery point bears N. 0° 24' W., 1460 ft. dist.

335.00 Gulch, 6 ft. wide, course N. 50° E.

545.00 Gulch, 5 ft. wide, course N. 35° E.

600.00 Cor. No. 3.

Set an iron pipe, 24 ins. long,  $1\frac{1}{2}$  ins. diam., 18 ins. in the ground, with a mound of stone alongside, with brass cap mkd. CN2-3-4520.

Thence N. 0° 24' W.

~~CHAINS~~  
Feet

51.00	Gulch, 3 ft. wide, course N. 85° E.
213.00	Gulch, 25 ft. wide, course N. 65° E.
364.00	Gulch, 4 ft. wide, course N. 55° E.
505.00	Gulch, 3 ft. wide, course N. 38° E.
538.00	Gulch, 10 ft. wide, course S. 57° E.
581.00	Gulch, 3 ft. wide, course N. 87° E.
600.00	Cor. No. 2 of the Copper Nugget No. 1 lode of this survey.
981.00	Gulch, 15 ft. wide, course N. 87° E.
1020.00	Gulch, 3 ft. wide, course S. 76° E.
1500.00	Cor. No. 4, identical with Cor. No. 3 of the Copper Nugget No. 4 lode, and falling on line 1-2 of the Copper Nugget No. 1 lode, both of this survey, previously described. Thence N. 89° 36' E.
300.00	Lode line; discovery pt. bears S. 0° 24' E., 40 ft. dist.
600.00	Cor. No. 1 and place of beginning.

COPPER NUGGET NO. 1 LODE

Beginning at Cor. No. 1 of the Copper Nugget No. 1 lode, identical with Cor. No. 4 of the Copper Nugget No. 4 lode of this survey, previously described; from which

The  $\frac{1}{4}$  cor. of secs. 25 and 26 bears S. 86° 32' 15" E., 3662.16 ft. dist., previously described.

A limestone outcrop, 12 x 35 ins. bears N. 0° 24' W., 8.69 ft. dist. mkd. X-BO-4520.

Thence S. 0° 24' E.

600.00	Cor. No. 3 of the Copper Nugget No. 4 lode, identical with Cor. No. 4 of the Copper Nugget No. 2 lode, both of this survey, previously described.
1080.00	Gulch, 3 ft. wide, course S. 76° E.
1119.00	Gulch, 15 ft. wide, course N. 87° E.
1500.00	Cor. No. 2, falling on line 3-4 of the Copper Nugget No. 2 lode of this survey. Set an iron pipe, 24 ins. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground with a mound of stone alongside, with brass cap mkd. CN1-2-CN2-1520. Thence S. 89° 36' W.
98.00	Fence bears N. 5° W. and S. 5° E.
300.00	Lode line; discovery shaft bears N. 0° 24' W., 1140 ft. dist.



Survey No. 4520

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~~CHAINS~~  
Feet

302.00 Gulch, 5 ft. wide, course S. 46° E. . . . .

600.00 Cor. No. 3.

Set an iron pipe, 24 ins. long, 1½ ins. diam., 18 ins. in the ground, with a mound of stone alongside, with brass cap mkd. CNL-3-4520.  
Thence N. 0° 24' W. . . . .

49.00 Gulch, 4 ft. wide, course S. 75° E. . . . .

161.00 Gulch, 4 ft. wide, course due East. . . . .

390.00 Gulch, 20 ft. wide, course due East. . . . .

1500.00 Cor. No. 4.

Set an iron pipe, 24 ins. long, 1½ ins. diam., 18 ins. in the ground surrounded by a mound of stone, with brass cap mkd. CNL-4-4520.  
Thence N. 89° 36' E. . . . .

252.00 Fence bears S. 25° E. and N. 25° W. . . . .

300.00 Lode line; discovery shaft bears S. 0° 24' E., 360 ft. dist. . . . .

600.00 Cor. No. 1 and place of beginning. . . . .

## AREAS

Each of the lode claims herein are full-sized claims, rectangular in shape and each contains an area of 20.661 acres. No conflicts with other claims within this survey were noted, nor with previously patented ground.

## LOCATION

This survey is located in the NE¼, NW¼, SE¼ and SW¼ of section 26, T. 15 S., R. 30 E., G&SR Mer., Arizona. The survey is identical with the locations as marked on the ground.

## EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations in said mining claim by the claimant or his grantors are as follows:

No. 1 The discovery point of the Rose No. 1 lode is on the lode line 500 ft. from the center of line 1-2.  
No value.

No. 2 A shaft, 6 x 6 ft., 3 ft. deep, the center of which bears N. 8° 30' E., 169 ft. from Cor. No. 3, Rose No. 1 lode.  
Value, \$50.00

No. 3 A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 17° 30' E., 174 ft. from Cor. No. 3, Rose No. 1 lode.  
Value, \$100.

No. 1 The discovery pt. of the Rose No. 4 lode is on the lode line 265 ft. from the center of line 1-2.  
No value.



~~CHECK~~  
~~RECK~~

- No. 2 A shaft, 5 x 7 ft., 10 ft. deep, the center of which bears S. 65° 30' W., 306 ft. from Cor. No. 1, Rose No. 4 lode.  
 Value, \$175.
- No. 1 The discovery pt. of the Rose No. 5 lode is on the lode line 100 ft. from the center of line 4-1.  
 No value.
- No. 2 A shaft, 4 x 6 ft., 10 ft. deep, the center of which bears S. 51° E., 204 ft. from Cor. No. 4, Rose No. 5 lode.  
 Value, \$120.
- No. 3 A shaft, 4 x 6 ft., 11 ft. deep, the center of which bears S. 81° E., 238 ft. from Cor. No. 4, Rose No. 5 lode.  
 Value, \$130.
- No. 4 A shaft, 5 x 8 ft., 10 ft. deep, the center of which bears S. 70° E., 292 ft. from Cor. No. 4, Rose No. 5 lode.  
 Value, \$200.
- No. 5 A shaft, 6 x 6 ft., 10 ft. deep, the center of which bears S. 61° W., 254 ft. from Cor. No. 1, Rose No. 5 lode.  
 Value, \$180.
- No. 1 The discovery point of the Copper Nugget No. 4 lode is on the lode line 225 ft. from the center of line 3-4.  
 No value.
- No. 2 A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 55° 30' E., 280 ft. from Cor. No. 3, Copper Nugget No. 4 lode.  
 Value, \$100.
- No. 3 A shaft, 4 x 6 ft., 30 ft. deep, the center of which bears N. 67° E., 131 ft. from Cor. No. 4, Copper Nugget No. 3 lode.  
 Value, \$360.
- No. 4 A shaft, 6 x 6 ft., 3 ft. deep, the center of which bears N. 34° E., 200 ft. from Cor. No. 4, Rose No. 5 lode.  
 Value, \$50.
- No. 5 A shaft, 4 x 6 ft., 5 ft. deep, the center of which bears N. 14° W., 159 ft. from Cor. No. 2, Copper Nugget No. 4 lode.  
 Value, \$60.
- No. 6 A shaft, 5 x 8 ft., 3 ft. deep, the center of which bears N. 11° 30' W., 109 ft. from Cor. No. 2, Copper Nugget No. 4 lode.  
 Value, \$60.
- No. 1 The discovery point of the Copper Nugget No. 3 lode is on the lode line 130 ft. from the center of line 4-1.  
 No value.
- No. 2 A shaft, 10 x 10 ft., 5 ft. deep, the center of which bears N. 5° E., 569 ft. from Cor. No. 3, Copper Nugget No. 3 lode.  
 Value, \$250.
- No. 3 A shaft, 6 x 6 ft., 150 ft. deep, the center of which bears S. 27° 30' E., 171 ft. from Cor. No. 4, Copper Nugget No. 3 lode.  
 Value, \$7,500.

## SHAFTS

- No. 4 A shaft, 5 x 7 ft., 10 ft. deep, the center of which bears S. 61° E., 248 ft. from Cor. No. 4, Copper Nugget No. 3 lode.  
Value, \$175.
- No. 1 The discovery pt. of the Copper Nugget No. 2 lode is on the lode line 40 ft. from the center of line 4-1.  
No value.
- No. 2 A shaft, 7 x 7 ft., 40 ft. deep, the center of which bears S. 83° W., 289 ft. from Cor. No. 1, Copper Nugget No. 2 lode.  
Value, \$980.
- No. 1 The discovery shaft of the Copper Nugget No. 1 lode, the center of which being the discovery point, is on the lode line 360 ft. from the center of line 4-1, Copper Nugget No. 1 lode (4 x 6 x 12 ft. deep)  
Value, \$140.
- No. 2 A shaft, 5 x 10 ft. deep, the center of which bears S. 1/2° E., 701 ft. from Cor. No. 4, Copper Nugget No. 1 lode.  
Value, \$200.
- No. 3 A shaft, 5 x 10 ft., 8 ft. deep, the center of which bears S. 8° 30' E., 281 ft. from Cor. No. 4, Copper Nugget No. 1 lode.  
Value, \$200.
- No. 4 A shaft, 6 x 8 ft., 20 ft. deep, the center of which bears S. 22° 30' E., 476 ft. from Cor. No. 4, Copper Nugget No. 1 lode.  
Value, \$480.
- No. 5 A shaft, 6 x 6 ft., 35 ft. deep, the center of which bears S. 33° E., 432 ft. from Cor. No. 4, Copper Nugget No. 1 lode.  
Value, \$630.
- No. 6 A shaft, 5 x 12 ft., 6 ft. deep, the center of which bears S. 47° 30' W., 163 ft. from Cor. No. 3, Copper Nugget No. 4 lode.  
Value, \$180.

An interest in a common improvement (main shaft) described as follows:

A shaft, 6 x 11 ft., 80 ft. deep, the center of which bears S. 33° E., 21 ft. dist. from Cor. No. 4 of the Copper Nugget No. 3 lode; thence from the bottom of the shaft, a drift-stope, 6 x 9 ft. in size runs N. 70° W., 42 ft. to breast; also, from the bottom of the shaft a drift, 6 x 10 ft. in size, runs N. 8° W., 10 ft., thence N. 75° W., 18 ft. to breast.

Value of shaft and drifts, \$7,000.

Value of 1/7th interest, \$1,000.

This improvement was made for the benefit of the 7 lodes of this survey and portions of the workings actually extend onto the Copper Nugget Nos. 2 and 4 from the main shaft, which lies wholly on the Copper Nugget No. 3 lode.

Five hundred dollars or over have been expended in this improvement in such a manner as tends to the development of each lode of this survey 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 said lodes.



No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

FIELD ASSISTANTS

Name	Capacity
James A. Yanez	Instrumentman
Frank M. Vasquez	Chainman
Joe D. Alvarez	Chainman
Albert Maldonado	Flagman
Carlos Matrecito	Axeman



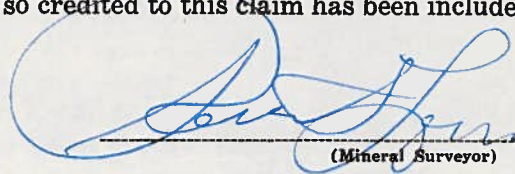
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

July 15, 1960

I, Robert Lenon,  
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_  
Office Cadastral Engineer, at Phoenix, Arizona  
 dated January 29, 1960, I have faithfully and correctly executed the survey of  
 the mining claim of Woodlief F. Brown,  
 known as the Copper Nugget Nos. 1 thru 4 and Rose Nos. <sup>1</sup>/<sub>4</sub> and 5,  
(Lode, placer, or mill site)  
 situate in California Mining District, Cochise Co., Arizona, in Section 26  
 T. 15 South, R. 30 East, Gila & Salt River Meridian, Arizona, and  
(State)  
 designated as Survey No. 4520, which is represented in the foregoing field notes as having been  
 executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
 the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
 described in the foregoing field notes, and I do further certify that the labor expended and improvements made  
 upon or for the benefit of the lode location(s) embraced in the said mining claim by  
(Lode or placer)  
 claimant(s) or his 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.

Patagonia, Arizona  
(Place)

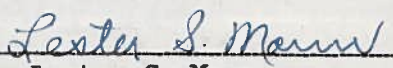


\_\_\_\_\_  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Survey Office  
Bureau of Land Management--December 7, 1960  
(Office)  
Phoenix, Arizona December 7, 1960  
(Place) (Date)

The foregoing field notes of mineral survey No. 4520, in California Mining District,  
Section 26, T. 15 South, R. 30 East, Gila & Salt River Meridian,  
Arizona, executed by Robert Lenon, Mineral Surveyor,  
(State)  
 under order dated January 29, 1960, 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  
 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.

\_\_\_\_\_  
(Title)





# 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. #4520

*MS Plat ✓  
Index Card ✓  
Status Plat ✓ 7-30-73 RLD  
July 26, 1973*

## Memorandum

To : Chief, Branch of Records & Data Management (952)  
From : State Director, Arizona  
Subject: Mineral Survey No. 4520

This memorandum cancels the survey of the COPPER NUGGET NOS. 1, 2, 3 and 4 and ROSE NOS. 1, 4 and 5, Mineral Survey No. 4520.

The following notation should be made on the plat of Mineral Survey No. 4520:

"Survey of the COPPER NUGGET NOS. 1, 2, 3 and 4 and the ROSE NOS. 1, 4 and 5 lode claims canceled by State Director's memorandum dated July 26, 1973."

The plat and field notes should remain in the files. This memorandum should be made a part of the original field notes of Mineral Survey No. 4520.

By relinquishment of mining claims dated December 8, 1972 and June 28, 1973, the claimant Woodlief F. Brown, relinquished all rights, title and interest in the above-listed claims.

Portions of the lands embraced by the above-listed lode claims are scheduled for disposal under Private Exchange A 5339.

*Joe T. Fallis*

cc: Director (420)



1933 (203)  
U.S. 1121

Department of the Interior



Mr. W. H. ...  
Mr. C. ...  
June 19/1933

Division of ...  
Washington, D.C.

To: ...  
From: ...  
Subject: ...  
This is to certify that ...  
The following ...

...  
...

...

...

...

*[Handwritten Signature]*