

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4538

DEPT. OF THE INTERIOR
BUREAU OF LAND MGMT
JAN 26 8 30 AM '61
AREA OFFICE 2
SALT LAKE CITY, UTAH

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Peter M. Mosier, Jr.

Known As The

Palmetto No. 1, Palmetto No. 2, Lucky Find and Lucky Find No. 3
lodes Palmetto Mining District,
Santa Cruz County, Arizona

Sections 2, 3, 10, & 11 Township 23 South, Range 15 East

Surveyed under order dated August 8, 1960

by ROBERT LENON
Mineral Surveyor.

Lucky Find 5-14-51
Lucky Find No. 3 7-25-51
Palmetto Nos. 1 and 2 6-7-51

Claim located _____, 19____

Survey commenced August 8, 1960

Survey completed December 24, 1960

Address of claimant 11 E. Pennington, Tucson, Arizona

DATES OF AMENDED LOCATIONS

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 $4\frac{1}{2}$ 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:

December 20, 1960, at the cor. of secs. 2, 3, 10, and 11, T. 23 S. R. 15 E., G. and S. R. M., Santa Cruz County, Arizona in latitude $31^{\circ}27'$ N., and longitude $110^{\circ}47'30''$ 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 corner No. 3, Palmetto No. 1 lode, clockwise, SW'ly to the sun.

Mean time of observation	(1st set)	(2nd set)
105th meridian standard time:	$3^{\text{h}} 17^{\text{m}}$ p.m.	$3^{\text{h}} 23^{\text{m}}$ p.m.
Declination of sun at mean time of observation:	$23^{\circ} 26' \text{ S.}$	
Mean observed vertical angles to sun's center:	$20^{\circ} 06'$	$19^{\circ} 45'$
Mean horizontal angles from reference point to sun's center:	$168^{\circ} 45'$	$169^{\circ} 11' 30''$
True bearing to reference point:	N. $55^{\circ} 13'$ 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 feet 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 $13^{\circ} 15' \text{ E.}$

LUCKY FIND LODE

At cor. No. 1 of the Lucky Find lode, identical with cor. No. 1 of the Lucky Find No. 3 lode, identical with cor. No. 2 of the Palmetto No. 2 lode, all 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, LF-1-P2-2-LF3-1-4538; from which

The cor. of secs. 2, 3, 10, and 11, T. 23 S., R. 15 E., G. and S.R.M.; an iron pipe, 3 ins. diam., 24 ins. above the ground, firmly set and properly mkd. bears N. $67^{\circ} 09' \text{ W.}$, 735.74 ft. dist.

A PK nail 2 ft. up on a granite outcrop, 3 ft. X 2 ft. X 5 ft. high, bears S. $60^{\circ} 05' \text{ E.}$, 19.66 ft. dist. mkd. BO-4538.

Chains Feet	
	Thence S. 21° 34' E.
300	Lode line; discovery point bears S. 70° 59' W., 750 ft. dist.
600.0	Cor. No. 2, identical with cor. No. 4 of the Lucky Find No. 3 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. LF-2-LF3-4-4538.
	Thence S. 70° 59' W.
1074	Gulch, 10 ft. wide, course N. 70° W.
1473.0	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., LF-3-4538.
	Thence N. 21° 34' W.
160	Gulch, 5 ft. wide, course N. 55° W.
300	Lode line; discovery point bears N. 70° 59' E., 723 ft. dist.
425	Gulch, 5 ft. wide, course S. 45° W.
540	Road, 10 ft. wide, bears S. 75° W. and N. 75° E.
600.0	Cor. No. 4, identical with cor. No. 3 of the Palmetto No. 2 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. LF-4-P2-3-4538.
	Thence N. 70° 59' E.
196	Road, 10 ft. wide, bears N. 20° E. and S. 20° W.
390	Road, 10 ft. wide, bears N. 82° W. and S. 82° E.
675	Road, 10 ft. wide, bears N. 40° E. and S. 40° W.
920	Road, 10 ft. wide, bears N. 40° W. and S. 40° E.
1473.0	Cor. No. 1 and place of beginning.
	PALMETTO NO. 2 LODGE
	Beginning at cor. No. 1 of the Palmetto No. 2 lode.
	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., P2-1-4538; from which
	The cor. of secs. 2, 3, 10 and 11, bears S. 64°16'50" W., 722.93 ft. dist; previously described.

Chains Feet	
	Thence S. 2° 33' E.
49.97	Intersect line 4-1 of the Palmetto No. 1 lode of this survey.
116	Gulch, 10 ft. wide, course N. 84° W.
300	Lode line; discovery point bears S. 70° 59' W., 750 ft. dist.
600.0	Cor. No. 2, identical with cor. No. 1 of the Lucky Find No. 3 lode, identical with cor. No. 1 of the Lucky Find lode, all of this survey, previously described.
	Thence S. 70° 59' W.
553	Road, 10 ft. wide, Bears N. 40° W. and S. 40° E.
798	Road, 10 ft. wide, Bears N. 40° E. and S. 40° W.
1083	Road, 10 ft. wide, Bears N. 82° W. and S. 82° E.
1277	Road, 10 ft. wide, Bears N. 20° E. and S. 20° W.
1473.0	Cor. No. 3, identical with cor. No. 4 of the Lucky Find lode of this survey.
	Thence N. 2° 33' W.
300	Lode line; discovery point bears N. 70° 59' E., 723 ft. dist.
380	Gulch, 4 ft. wide, course S. 70° W.
529	Gulch, 6 ft. wide, course S. 55° W.
600.0	Cor. No. 4.
	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., P2-4-4538.
	Thence N. 70° 59' E.
1020	Gulch, 10 ft. wide, course N. 25° W.
1337.59	Intersect line 4-1 of the Palmetto No. 1 lode, of this survey.
1376	Gulch, 10 ft. wide, course N. 15° W.
1386	Road, 10 ft. wide, bears N. 15° W. and S. 15° E.
1473.0	Cor. No. 1 and place of beginning.
	PALMETTO NO. 1 LODE
	Beginning at cor. No. 1 of the Palmetto No. 1 lode.
	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., P1-1-4538; from which
	The cor. of secs. 2, 3, 10 and 11, bears S. 49° 52' 20" E., 479.78 ft, dist., previously described.

CHAINS Feet	
	Thence N. 7° 01' E.
300	Lode line; discovery point bears S. 87° 27' E., 100 ft. dist.
404	Gulch, 12 ft. wide, course West.
600.0	Cor. No. 2
	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, Pl-2-4538.
	Thence S. 87° 27' E.
770	Gulch, 5 ft. wide; course, N. 75° W.
875	Road, 10 ft. wide, bears N. 55 W. and S. 55 E.
1150	Gulch, 5 ft. wide, course N. 75° W.
1500.0	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. Pl-3-4538.
	Thence S. 7° 01' W.
130	Gulch, 5 ft. wide, course West.
300	Lode line; discovery point bears N. 87° 27' W., 1400 ft. dist.
452	Road, 10 ft. wide, bears S. 25° W. and N. 25° E.
600.0	Cor. No. 4.
	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., Pl-4-4538.
	Thence N. 87° 27' W.
57	Road, 10 ft. wide, bears S. 25° W. and N. 25° E.
224	Road, 10 ft. wide, bears N. 55° W. and S. 55° E.
478.62	Intersect line 1-2 of the Palmetto No. 2 lode of this survey.
560	Road, 10 ft. wide, bears N. 15° W. and S. 15° E.
575	Gulch, 10 ft. wide, course N. 15° W.
608.99	Intersect line 4-1 of the Palmetto No. 2 lode of this survey.
640	Gulch, 5 ft. wide, course S. 55° W.
660	Gulch, 6 ft. wide, course N. 5° W.
955	Gulch, 4 ft. wide, course N. 55° W.
1500	Cor. No. 1 and place of beginning.

Obains
Feet

LUCKY-FIND No. 3 LODE

Beginning at cor. No. 1 of the Lucky Find No. 3 lode, identical with cor. No. 1 of the Lucky Find lode, identical with cor. No. 2 of the Palmetto No. 2 lode, all of this survey, previously described.

366 Thence N. 62° 07' E.
Gulch, 10 ft. wide, course N. 36° W.

1410.0 Cor. No. 2.
Falls on a granite outcrop 5 X 3 ft., 4 ft. high, which I mkd., X-LF3-2-4538, with a mound of stone alongside.

300 Thence S. 21° 34' E.
Lode line; discovery point bears S. 62° 07' W., 1310 ft. dist.

494.34 Bearing object, an X on top of a granite outcrop 10 X 15 X 30 ft., mkd., BO-4538.

600.0 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., LF3-3-4538.

1105 Thence S. 62° 07' W.
Gulch, 15 ft. wide, course N. 30° W.

1410.0 Cor. No. 4, identical with cor. No. 2 of the Lucky Find lode of this survey.

300 Thence N. 21° 34' W.
Lode line; discovery point bears N. 62° 07' E., 100 ft. dist.

600.0 Cor. No. 1 and place of beginning.

AREAS

	Acres
Total area, Lucky Find lode.	20.269
Total area, Palmetto No. 2 lode.	19.457
Area in conflict with	
Palmetto No. 1 lode.074
Total area, Palmetto No. 1 lode.	20.598
Total area, Lucky Find No. 3 lode.	19.304

LOCATION

This survey is located in the SW ¼ sec. 2, NW ¼ sec. 11, NE ¼ sec. 10, and the SE ¼ sec. 3 of T. 23 S., R. 15 E., G. and S.R.M., Arizona.

The survey of the Lucky Find, Palmetto No. 2, Palmetto No. 1, and Lucky find No. 3 lodes is identical with the respective location as marked on the ground.

Chains

EXPENDITURES

- No. 1 The discovery point of the Lucky Find lode, being on the lode line, 750 ft. from the center of line 1-2.
No value
- No. 2 A cut, 8 ft. wide, the face of which bears N. 64° W., 230 ft. from cor. No. 2 of the Lucky Find lode, runs S. 80° E., 12 ft. to a 6 ft. face.
Value \$140
- No. 3 A cut, 4 ft. wide, the face of which bears N. 69° W., 415 ft. from cor. No. 2, Lucky Find lode; runs S. 55° E., 10 ft. to 5 ft. face
Value \$50
- No. 4 A cut, 4 ft. wide, the face of which bears N. 71° W., 440 ft. from cor. No. 2, Lucky Find lode; runs, S. 30° E., 12 ft. to 12 ft. face.
Value \$140
- No. 5 A cut, 20 ft. wide, the face of which bears S. 45° W., 865 ft. from cor. No. 1, Lucky Find lode; runs N. 80° E., 20 ft. to 6 ft. face.
Value \$600
- No. 6 A shaft 5' X 6 ft., 3 ft. deep, the center of which bears S. 68° W., 575 ft. from cor. No. 1 Lucky Find lode.
Value \$45
- No. 7 A cut, 4 ft. wide, the face of which bears S. 48° W., 425 ft. from cor. No. 1, Lucky Find lode; runs S. 80° E., 10 ft. to 3 ft. face.
Value \$30
- No. 8 A cut, 4 ft. wide, the face of which bears S. 52° W., 450 ft. from cor. No. 1, Lucky Find lode; runs S. 80° E., 12 ft. to 3 ft. face.
Value \$36
- No. 9 A trench, 1 ft. wide, 6 ft. deep, the east end of which bears S. 58° W., 440 ft. from cor. No. 1, Lucky Find lode; runs N. 80° W., 30 ft.
Value \$90
- No. 10 A cut, 8 ft. wide, the face of which bears S. 48° W., 505 ft. from cor. No. 1, Lucky Find lode; runs S. 75° E., 10 ft. to 6 ft. face.
Value \$120
- No. 11 A cut, 4 ft. wide, the face of which bears N. 84° W., 675 ft. from cor. No. 2, Lucky Find lode; runs N. 70° E. 8 ft. to 3 ft. face.
Value \$24
- No. 12 A cut, 8 ft. wide, the face of which bears N. 47° E., 740 ft. from cor. No. 3, Lucky Find lode; runs S. 75° W., 20 ft. to 8 ft. face.
Value \$320
- No. 13 A shaft, 5 X 6 ft., 25 ft. deep, the center of which bears N. 47° E., 735 ft. from cor. No. 3, Lucky Find lode.
Value \$325
- No. 14 A cut, 10 ft. wide, the face of which bears N. 45° E., 705 ft. from cor. No. 3, Lucky Find lode; runs N. 40° W., 10 ft. to 12 ft. face.
Value \$300

Claims	
✓ No. 15	A shaft, 12 X 5 ft., 4 ft. deep, the center of which bears N. 43° E., 625 ft. from cor. No. 3, Lucky Find lode. Value \$120
✓ No. 1	The discovery point of the Palmetto No. 2 lode, being on the lode line 750 ft. from the center of line 1-2. No value
✓ No. 2	A cut, 6 ft. wide, the face of which bears N. 75° E., 600 ft. from cor. No. 4, Palmetto No. 2 lode; runs N. 45° W., 8 ft. to 8 ft. face. Value \$100
No. 3	A shaft, 6 X 6 ft., 10 ft. deep, the center of which bears N. 84° W., 335 ft. from cor. No. 2, Palmetto No. 2 lode. Value \$150
✓ No. 1	The discovery point of the Palmetto No. 1 lode, being on the lode line 100 ft. from the center of line 1-2. No value
✓ No. 2	A cut, 6 ft. wide, the face of which bears S. 68° E., 595 ft. from cor. No. 2, Palmetto No. 1 lode; runs S. 45° E., 10 ft. to 10 ft. face. Value \$150
✓ No. 3	A shaft, 6 X 12 ft., 6 ft. deep, the center of which bears N. 85° E., 810 ft. from cor. No. 1, Palmetto No. 1 lode. Value \$210
✓ No. 1	The discovery shaft of the Lucky Find No. 3 lode, the center of which being the discovery point, is on the lode line 100 ft. from the center of line 4-1, 6 X 5 ft. 10 ft. deep. Value \$150
✓ No. 2	An adit, 5 X 6 ft. in size, the portal of which bears S. 75° W., 545 ft. from cor. No. 3, Lucky Find No. 3 lode; runs S. 40° E., 100 ft. to breast. Value \$1500
No. 3	A shaft, 6 X 8 ft., 100 ft. deep, the center of which bears S. 73° W., 390 ft. from cor. No. 3, Lucky Find No. 3 lode. Value \$2400
	<p>An interest in a common improvement described as follows:</p> <p>A timbered shaft, 5 X 6 ft., 30 ft. deep, the center of which bears S. 47° W., 400 ft. from cor. No. 1, Lucky Find lode. Value, \$1500 Value of one third interest, \$500</p> <p>This improvement is for the development of the North-South trending lode which extends into the Palmetto No. 2 and Palmetto No. 1 lodes, both of this survey.</p> <p>No portion of or interest in this improvement has been credited heretofore as patent expenditure to any lode claim.</p>

~~OTHER~~

OTHER IMPROVEMENTS

A frame bunk house, the SE. corner of which bears N. 78° W., 660 ft. from cor. No. 4, Palmetto No. 1 lode; 25 X 50 ft. in size; the long side bears Due West.
Claimant herein.

An adit, 5 X 6 ft. in size, the portal of which bears S. 83° W., 215 ft. from cor. No. 2 of the Lucky Find No. 3 lode; runs S 44° E., 100 ft. or more to face.
Claimant unknown.

FIELD ASSISTANTS

James Yanez	Instrumentman
Frank Vasquez	Chainman
Joe Alvarez	Chainman
Arthur Sylvester	Flagman
Albert Maldonado	Axeman
Eraclio Matrecito	Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

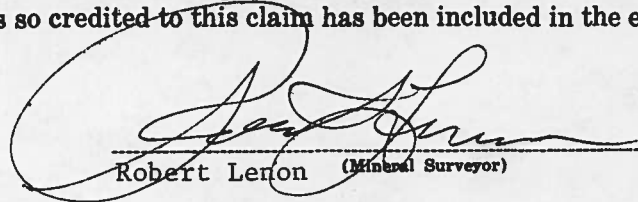
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CERTIFICATE OF SURVEYOR

Jan. 19 _____, 19 61

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 August 8, 1961, I have faithfully and correctly executed the survey of
 the mining claim of Peter M. Mosier, Jr.
 known as the Palmetto No. 1, Palmetto No. 2, Lucky Find, and Lucky Find No. 3 lodes
(Lode, placer, or mill site)
 situate in Palmetto Mining District, Santa Cruz County, Secs. 2, 3, 10 & 11
 T. 23 S., R. 15 E., Gila & Salt River Meridian, Arizona, and
(State)
 designated as Survey No. 4538, 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)

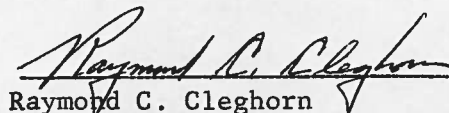


Robert Lenon (Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office
(Office)
Phoenix, Arizona June 15, 19 61
(Place) (Date)

The foregoing field notes of mineral survey No. 4538, in Secs. 2, 3, 10 and 11
Arizona, T. 23 S., R. 15 E., Gila and Salt River Meridian,
(State) executed by Robert Lenon, Mineral Surveyor,
 under order dated August 8, 1961, 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.



Raymond C. Cleghorn
 Acting State Director
(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)

