

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4306

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

L.F.Delgado and Sara O. Delgado

Known As The

Cumaro and Santa Rosa mining claims

Old Hat Mining District,

Pinal County, Arizona

Section 16, Township 10 S., Range 16 E.

Surveyed under instructions dated October 16, 1946

by T.N.Stevens
Mineral Surveyor.

Claim located July 1, 1930 and February 10, 1938

Survey commenced November 11, 1946

Survey completed December 10, 1946

Address of claimant L.F.Delgado, Tiger, Arizona

DATES OF AMENDED LOCATIONS

Santa Rosa, October 3, 1935

Cumaro, October 7, 1946

SURVEY NO. 4306.

1

Feet	
	<p>Mineral survey No.4306 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, together with auxiliary telescope. The instrument was in good condition at the time of the survey and all adjustments were in good order.</p> <p>A P.M. Altitude observation of the sun 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.</p> <p>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.</p> <p>All lines and connections of this survey were run directly upon the ground.</p> <p>The magnetic variation observed at each corner of the survey gave a uniform value of 14°45'E.</p> <p style="text-align: center;">CUMARO lode</p> <p>Beginning at Cor. No.1 of the Cumaro lode, where I -</p> <p>Set an iron post 2 ins. diam., with lead cap on top, 24 ins. above the ground , 18 ins. in the ground and surrounded by a mound of stone, stamped 1 C, 4 S.R. - 4306 from which 1/4 Cor. bet. secs. 15 and 16 T. 10 S. R. 16 E. bears N.79°46'E., 712.07 ft. dist.; consisting of a granite stone about 10 by 12 inches ap, showing about 1 ft. above ground, chiseled 1/4 on west face.</p> <p>No other bearing objects are available.</p> <p style="text-align: center;">Thence S. 8°03' W.</p> <p>640.00 Corral fence, bears northwesterly and southeasterly.</p> <p>800.00 Corral fence, bears northeasterly and southwesterly.</p> <p>820.0 Enter Bonito Wash, 30 ft. wide, bears northeasterly.</p> <p>840.0 Road in wash bears northeasterly.</p> <p>1160.0 Leave sand wash.</p> <p>1500.0 To Cor. No.2.</p> <p>Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 2 C., 3 S.R. - 4306.</p> <p>A juniper tree 14 ins. diam. brs. S. 84°45'E., 45 ft. dist. blazed and scribed 2, 3 - 4306 B.T.</p> <p>No other bearing objects are available.</p> <p style="text-align: center;">Thence N.86°46' W.</p> <p>300.0 Intersect the lode line at the S. end center, where I -</p> <p>Set an iron pipe 2 ins. diam. by 3 ft. long, set 2 ft. in the ground on bank of sand wash , stamped S. Cr. Cum.</p> <p>350.0 Leave sand wash 50 ft. wide.</p> <p>600.0 To Cor. No.3</p> <p>Set an iron pipe, 2 ins. diam., with lead cap on top, 24 ins above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 3 C - 4306 .</p>

2.

SURVEY NO. 4306.

Feet.	Cor. No.3 Sur. No.4160 Madrugada lode bears N.39°52'10"E., 301.23 ft. dist.
	No other bearings are available.
	Thence N.8°03' E.
222.01	Intersect line 2-3 Sur. No.4160 Madrugaga lode at a point from which Cor. No.3 bears N.85°59'E., 162.41 ft. dist.
500.00	Enter Bonito Wash and road, Wash 50 ft. wide, course easterly.
550.00	Leave wash.
636.26	Intersect line 3-4, Sur. No.4160 Madrugada lode at a point from which Cor. No.3 bears S.14°37'E., 412.13 ft. dist.
1500.00	To Cor. No.4.
	Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 4 C - 4306.
	Cor. No.4, Sur. NO. 4160 Madrugada lode brs. N.75°03'W., 382.7 ft. dist.
	No other bearing objects are available.
	Thence S. 86°46'E.
300.00	Intersect the lode line at the N. end center, Where I-
	Set an iron pipe 2 ins diam. by 4 ft. long, firmly in the ground and surrounded by a mound of stone, stamped N. Cr. Cum.
470.00	Enter sand wash, 30 ft. wide, course southeasterly.
500.00	Leave sand wash.
600.00	Cor. No.1 and place of beginning.
	SANTA ROSA Lode.
	Beginning at Cor. No.1 of the Santa Rosa lode, 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 by a mound of stone, stamped 4 S R, 4306; from which
	The 1/4 Cor. between Secs. 15 and 16, T. 10 S. R. 16 E. bears N.32°09'E., 189.3 ft. dist.
	No other bearing objects are available.
	Thence S. 9°01' W.
315.0	Sand wash 20 ft. wide brs. southeasterly.
370.0	Road to Oracle bears northwesterly.
590.0	Same road bears northeasterly.
730.0	Enter Bonito Wash, 40 ft. wide, course southeasterly.
770.0	Leave Bonito Wash.
1410.0	Road to Oracle bears northwesterly.
1502.3	To Cor. No 2.

SURVEY NO. 4306

Feet.	
	Set an iron pipe 2 ins. diam. with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded by a mound of stone, stamped 2 S R - 4306.
	No bearing objects are available.
	Thence N. 86°46'W.
12.0	2 inch pipe line bears northwesterly.
275.5	Intersect the lode line at the S. end center, where I-
	Set an iron pipe 2 ins. diam. by 4 ft. high, firmly in the ground and surrounded with mound of stone, stamped S. Cr. S R
575.50	To Cor. No.3, which is identical with Cor. No.2 Cumaro lode of this survey.
	Thence N. 8°03'E.
340.00	Enter sand wash 50 ft. wide, course northeasterly.
660.00	Road bears northeasterly.
690.00	Leave Bonito Wash.
700.00	Corral fence bears northeasterly.
860.00	Corral fence bears northwesterly.
1430.00	Enter sand wash 30 ft. wide, course easterly.
1460.00	Leave sand wash.
1500.00	To Cor. No.4, which is identical with Cor. No.1 Cumaro lode of this survey.
	Thence S. 86°46'E.
300.00	Intersect the lode line at the N. end center, Where I-
	Set an iron pipe 2 ins. diam. by 4 ft. long, firmly in the ground and surrounded by a mound of stone, stamped N. Cr. S.R.
405.00	Road to Oracle bears northeasterly.
601.00	To Cor. No.1 and 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:

CUMARO Lode, N. 8°03'E., 378.0 ft., and S. 8°03'W., 1122.0 ft.

SANTA ROSA Lode, N.8°03'E.,190.0 ft., and S.8°03'W., 1310.Ft.

AREAS	Acres
Total area Cumaro lode -----	20.588 ✓
Area in conflict with;	
Sur. No.4160 Madruga lode -----	0.755 ✓
Total area SANTA ROSA lode -----	20.185 ✓

SURVEY 4306

LOCATION.

This survey is located in the S.E. 1/4 Sec. 16, T.10 S. R. 16 E.

This survey is identical with the respective amended location as marked on the ground.

EXPENDITURE OF \$500.

I certify that the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimants or their grantors is not less than \$500. and that said improvements consist of:

- No.1 The discovery shaft of the Cumaro lode, the center of which being the discovery point, is on the center line 378. ft. from the center of line 4-1, 4 x 6 ft. 8 ft. deep.
Value \$100.
- No.2 A cut, the mouth of which bears from Cor. No. 4 Cumaro lode, S.35° 19' E., 410. ft. 5 ft. wide, 8 ft. face, running south 18 ft. to face.
Value \$100.0
- No.3 A shaft, the center of which bears from Cor. No.4 Cumaro lode, S.43°37'E., 70. ft. 4 x 6 ft. 8 ft. deep.
Value \$100.0
- No.4 A shaft, the center of which bears from Cor. No.4 Cumaro lode, S.68°07'E., 42. ft. 4 x 6 ft. 8 ft. deep.
Value \$100.0
- No.5 A shaft, the center of which bears from Cor. No.2 Cumaro lode, N.8°W., 530. ft. 4 x 6 ft. 25 ft. deep.
Value \$250.0
- No.6 A cut, the mouth of which bears from Cor. No.2 Cumaro lode, N.39°30'W., 330. ft. 4 1/5 ft. wide, 3 ft. face, running N.60° W., 15 ft. to face
Value \$30.0
- No.1 The discovery cut of the Santa Rosa lode, the face of which being the discovery point is on the lode line 190 ft. from a point on line 4-1, 300 ft. from Cor. No.4. 4 1/2 ft. wide, 8 ft. face, running S.8° W., 18 ft. to face.
Value \$100.0
- No.2 A cut, the mouth of which bears from Cor. No.1 Santa Rosa lode, S.62°15'W., 345. ft. 4 1/2 ft. wide, 8 ft. face, running S.8°W., 18 ft. to face.
Value \$100.0
- No.3 A cut, the mouth of which bears from Cor. No.1, Santa Rosa lode, S.67°15' W., 365 ft. 4 1/2 ft. wide, 8 ft. face, running S. 8° W., 18 ft. to face.
Value \$100.0
- No.4 A cut, the mouth of which bears from Cor. No.3, Santa Rosa lode, N.13° E., 875. ft. 5 ft. wide, 12 ft. face, running N.14° W., 18 ft. to face and portal of tunnel 5 x 7 ft. running N. 14° W., 45 ft. to breast.
Value Cut and Tunnel \$550.0

OTHER IMPROVEMENTS.

A frame iron clad house, the S.E. Cor. of which bears from Cor. No.2 Cumaro lode N. 8° W., 690. ft. 16 x 20, course of long sides North.

A well and pump, the center of which bears from Cor. No.3 Santa Rosa lode, N. 21°45'E., 785. ft.

A frame dwelling, the S.W. corner of which bears from Cor. No.3 Santa Rosa lode, N.22°30'E., 690. ft. 14 x 40, course of long sides S. 86° E.

SURVEY NO. 4306

5.

A frame tent house, the S.W. corner of which bears from Cor. No.3 Santa Rosa lode, N.27°20'E., 705. ft. ~~W~~ x 10, course of long sides East.

A frame & adobe garage, the S.W. corner of which bears from corner No.3 Santa Rosa lode, N.29°45'E., 735 ft. 12 x 20, course of long sides East.

All belonging to claimant herein.

OTHER CORNER DESCRIPTIONS.

Sur. No.4160 Cor. Nos 2,3 and 4 consist of galvanized iron pipe 2 ins. diam . with brass caps on top, firmly set in the ground and stamped with the number of the corner and the survey. I find lines 2-3 and 3-4 to be correct as approved.

The discovery cut in the location notice of the Santa Rosa lode calls for 243 ft. and same is correctly given in these field notes.

Adjoining claims

On the East by Edward Wedge, unsurveyed, claimant herein.

On the West by Sur. No.4160 Madrugada lode, claimant unknown.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
Bureau of Land Management

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 L.F. Delgado

and Sara O. Delgado

known as the Cumaro and Santa Rosa Mining Claims

and showing the respective capacities in which they acted.

Julius Fisher, Chairman.

_____, Chairman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS

~~We, I~~ Julius Fisher

~~and~~ _____, do solemnly swear that ^I~~we~~ assisted

T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of L.F. Delgado and Sara O Delgado

known as the Cumaro and Santa Rosa Mining Claim,

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

instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona

Julius Fisher, Chairman.

_____, Chairman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 11th

day of January, 1947

[Signature]

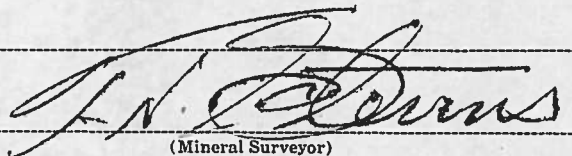
Notary Public, Arizona

My commission expires
October 20, 1950

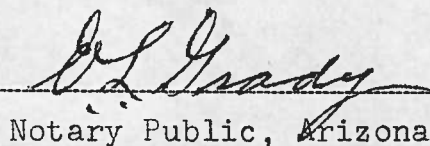
UNITED STATES
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FINAL OATH OF MINERAL SURVEYOR

I, T.N. Stevens, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated October 16, 1946,
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
L.F. Delgado and Sara O. Delgado, known as the
Cumero and Santa Rosa Mining claims,
situate in Old Hat Mining District,
Pinal County, Arizona, in Section
16, Township No. 10 S., Range No. 16 E.
and designated as Survey No. 4306, 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 their
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.


(Mineral Surveyor)

Subscribed and sworn to by the said T. N. Stevens
Mineral Surveyor, before me E. L. Grady, a Notary Public, Pima
County, Arizona this 11th
day of January, 1947


Notary Public, Arizona

My commission expires October 20, 1950

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
PUBLIC SURVEY OFFICE
BUREAU OF LAND MANAGEMENT

At Phoenix, Arizona

January 28, 1947

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 L.F. Delgado and Sara O. Delgado

....., known as the
Cumaro and Santa Rosa mining claims

situate in Old Hat mining district,

Pinal County Arizona

in Section 16, Township No. 10 S., Range No. 16 E.

G. & S. R. M., designated as Survey No. 4306

executed by T.N. Stevens, Mineral

Surveyor, November 11th to December 10th, 1946, under my instructions dated

October 16, 1946, 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.

Frank M. Chapin
Office Cadastral Engineer.