

FEB 29 1940

4-688

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MINERAL SURVEY No. 4233

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Althee Modesti

KNOWN AS THE

Union, Promontorio, and Stone Wall Lodes,

Castle Dome Mining District,

Yuma County, Arizona.

Sections 36 1 and 6, Township 4 S. 5 S., Range 19 W., Unsur., and 18 and 19 W., Unsur.

Surveyed under instructions dated January 11, 1940

By Harlow D. Phelps

Mineral Surveyor. G.L.O

Claim located Union, Promontorio, Apr. 4, 1902; Apr. 2, 1904 19 Stone Wall- Apr. 6, 1897.

Survey commenced Jan. 26, 1940.

Survey completed Jan. 30, 1940.

Address of claimant's Atty., John B. Wisely, Jr., First National Bank Bldg., Box 243, Yuma, Arizona.

DATES OF AMENDED LOCATIONS

January 4, 1940

MINERAL SURVEY NO. 4233.

Mineral Survey No. 4233 was made with a Gurley Precise Transit No. 241014, model No. 92, with horizontal limb 5.65 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. Extra eye piece equipped with colored glass was used 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. An a.m. altitude observation of the sun for azimuth and at noon on the meridian, for latitude and time, were made at a corner of Survey No. 4234 A, the details of which observations are shown in the calculation sheets therewith submitted for examination, and the lines of this survey were referred to the true meridian thus determined by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape 500 feet in length, graduated every foot for the entire length, each end foot being graduated in tenths and hundredths; the tape was compared with a Lufkin standard at a time before the beginning of the survey and found to be correct.

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

The magnetic variation observed at each corner of the survey gave a uniform value of $14^{\circ} 45'$ E.

UNION lode.

Beginning at Cor. No. 1 of the Union lode, which agrees with a corner of the location, where I

Set a galvanized iron post 3 ft. long, 1 in. diam., 16 ins. in ground, and in mound of concrete 12 ins. to top, for Cor. No. 1, with brass cap marked U.S.Min.Sur. X U-1-4233, from which

U.S.M.M. No. 4233 bears $S. 6^{\circ} 4' W.$ 4778.2 ft. dist.

No local bearing objects or bearing trees available.

MINERAL SURVEY No. 4233, ARIZONA

Feet	Thence N. 71° 23' E.
305.11	Intersect the lode line at the south end center, agreeing with the south end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
610.22	Cor. No. 2 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam., 15 ins. in ground, and in mound of concrete 12 ins. to top, for Cor. No. 2, with brass cap mkd. U. S. Min. Sur. X U-2-4233. No local bearing objects or bearing trees available.
1380	Thence N. 29° 07' W. South bank of a Wash 20 ft. wide, course N. 85° W.
1500.0	Cor. No. 3 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam., 12 ins. in drill hole in solid rock, and in mound of concrete 11 ins. to top, for Cor. No. 3, with brass cap mkd. U. S. Min. Sur. X U-3--P-2-4233. No local bearing objects or bearing trees available.
305.11	Thence S. 71° 23' W. Intersect the lode line at the north end center, agreeing with the north end center of this location, being a monument of stone 3 ft. high, 3 ft. base.
480	North bank of a wash 20 ft. wide , course N. 65° W.
610.22	Cor. No. 4 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam. 8 ins. in drill hole in solid rock, and in mound of concrete 12 ins. to top, for Cor. No. 4, with brass cap mkd. U.S. Min. Sur. X U-4-P-1-SW-2-4233. No local bearing objects or bearing trees available.
1500.0	Thence S. 29° 07' E. Cor. No. 1 and place of beginning. PROMONTORIO Beginning at Cor. No. 1 of the Promontorio lode, which is identical with Cor. No. 4 of the Union lode, of this survey, hereinbefore described, and agrees with a corner of the location; from which U.S.M.M. No. 4233, hereinbefore described , bears S. 2° 08' E., 6066.0 ft. dist.
100	Thence N. 71° 23' E. South bank, of a wash hereinbefore described.

MINERAL SURVEY No. 4233, ARIZONA

Feet

3

305.11	Intersect the lode line at the south end center, agreeing with the south end center of the location, and identical with the north end center of the Union lode of this survey, hereinbefore described.
610.22	Cor. No. 2 Identical with Cor. No. 3 Union lode of this survey, hereinbefore described, and agrees with a corner of the location. Thence N. 29° 07' W.
1500.0	Cor. No. 3 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam., 9 ins. in drill hole in solid rock and in mound of concrete 12 ins. to top, for Cor. No. 3, with brass cap mkd. U.S. Min. Sur. X P-3-4233. No local bearing objects or bearing trees available. Thence S. 71° 23' W.
305.11	Intersect the lode line at the north end center, agreeing with the north end center of this location, being a monument of stone, 3 ft. high, 3 ft. base.
610.22	Cor. No. 4 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam., 15 ins. in drill hole and in mound of concrete 13 ins. to top, for Cor. No. 4, with brass cap mkd. U. S. Min. Sur. X P-4-SW-3-4233. No local bearing objects or bearing trees available. Thence S. 29° 07' E. 20 ft. wide,
1430	North bank of a wash, course S. 50° W.,
1500.0	Cor. No. 1 and place of beginning. STONE WALL Beginning at Cor. No. 1 of the Stone Wall lode, which agrees with a corner of the location, where I - Set a galvanized iron post 3 ft. long, 1 in. diam., 10 ins. in drill hole in solid rock and in mound of concrete 13 ins. to top, for Cor. No. 1, with brass cap mkd. U. S. Min. Sur. X SW-1-4233; from which U. S. M. M. No. 4233, hereinbefore described , bears S. 7° 48' E., 5921.8 ft. dist. No local bearing objects or bearing trees available. Thence N. 71° 23' E.
305.11	Intersect the lode line at the south end center, agreeing with the south end center of the location, being a monument of stone, 3 ft. high, 3 ft. base.
480	The north bank of a wash, 20' wide, course S. 45° W.

MINERAL SURVEY No. 4233, ARIZONA

Feet 610.22	Cor. No. 2 Identical with Cor. No. 4 Union lode of this survey, hereinbefore described and agrees with a corner of the location.
50.00 1500.0	Thence N. 29° 07' W. S. bank of wash, course S. 50° W. Cor. No. 3 Identical with Cor. No. 4 Promontorio lode of this survey, hereinbefore described, and agrees with a corner of the location.
305.11	Thence S. 71° 23' W. Intersect the lode line at the north end center, agreeing with the north end center of the location, being a monument of stone 3 ft. high, 3 ft. base.
610.22	Cor. No. 4 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam. 12 ins. in ground and in mound of concrete, 12 ins. to top for Cor. No. 4 with brass cap mkd X SW-4-4233. No local bearing objects or bearing trees available.
350	Center of Road to Quartzite-Yuma Road and Colorada Mill Site bears West and East. Thence S. 29° 07' E.
1030	Center of Road to Quartzite-Yuma Road and Colorada Mill Site bears N. 50° E. and S. 50° W.
1500.0	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:

Union lode, N. 29° 07' W., 100 ft.; and S. 29° 07' E., 1400 ft.

Promontorio lode, N. 29° 07' W., 1330 ft.; and S. 29° 07' E., 170 ft.

Stone Wall lode, N. 29° 07' W., 600 ft.; and S. 29° 07' E., 900 ft.

AREAS

Acres

Total area, Union lode - - - - - 20.661'

Total area, Promontorio lode - - - - - 20.661'

Total area, Stone Wall lode - - - - - 20.661'

LOCATIONS

This survey is located in Sec. 36, T. 4 S., R. 19 W., in Sec. 11, T. 5 S., R. 19 W., and in Sec. 6, T. 5 S., R. 18 W., all unsurveyed, G. & S.R.M., Arizona.

EXPENDITURE OF \$500.00

MINERAL SURVEY NO. 4233, ARIZONA

Feet	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 claimant or its grantors is not less than \$500., and that said improvements consist of :
No. 1	<p style="text-align: center;">UNION.</p> <p>The discovery shaft of the Union lode the center of which being the discovery point is on the lode line S. 29° 07' E., 100 ft. from the north end center, 4 x 6 ft. 25 ft. deep.</p> <p style="text-align: center;">Value \$400.</p>
No. 2	<p>A shaft, 5 x 6 ft., 6 ft. deep, the center of which bears S. 28° 30' E., 150 ft. from the north end center of the Union lode.</p> <p style="text-align: center;">Value \$60.</p>
No. 3	<p>A shaft 5 x 12 ft., 3 ft. deep caved, the center of which bears S. 20° 50' E., 220 ft. from the north end center of the Union lode.</p> <p style="text-align: center;">Value \$60.</p>
No. 4	<p>A shaft 6 x 6 ft., 3 ft. deep caved, the center of which bears S. 17° 50' E., 290 ft. from the north end center of the Union lode.</p> <p style="text-align: center;">Value \$60.</p>
No. 1	<p style="text-align: center;">PROMONTORIO.</p> <p>The discovery shaft of the Promontorio lode, the center of which being the discovery point is on the lode line N. 29° 07' W., 170 ft. from the south end center, 4 x 6 ft., 100 ft. deep.</p> <p style="text-align: center;">Value \$2,000.</p>
No. 2	<p>A shaft, 5 x 7 ft., unsafe to examine, the center of which bears N. 29° 07' W., 110 ft. from the south end center.</p> <p style="text-align: center;">Value unknown.</p>
No. 3	<p>A shaft, 4 x 6 ft., 115 ft. deep, the center of which bears N. 29° 07' W., 260 ft. from the south end center. A drift from the 60 ft. level connects with No. 1 Disc. Shaft; unsafe to descent shaft to examine drift.</p> <p style="text-align: center;">Value \$2,400.</p>
No. 4	<p>A shaft, 4 x 6 ft., 20 ft. deep, the center of which bears N. 45° 30' W., 540 ft. from Cor. No. 2 Promontorio lode.</p> <p style="text-align: center;">Value \$400.</p>
No. 5	<p>A shaft, 4 x 6 ft., unsafe to examine, the center of which bears N. 49° 40' W., 670 ft. from Cor. No. 2 Promontorio lode,</p> <p style="text-align: center;">Value unknown.</p>
No. 6	<p>A shaft, 4 x 6 ft., unsafe to examine, the center of which bears N. 48° 50' W., 725 ft. from Cor. No. 2 Promontorio lode.</p> <p style="text-align: center;">Value unknown.</p>
No. 7	<p>A shaft, 4 x 6 ft., 40 ft. deep, the center of which bears S. 5° 35' E., 510 ft. from Cor. No. 3 Promontorio lode.</p> <p style="text-align: center;">Value \$800.</p>

MINERAL SURVEY No. 4233, ARIZONA

Feet	STONE WALL.
No. 1	The discovery of the Stone Wall lode, being a point on the <u>presumed</u> course of the vein, S. 29° 07' E., 600 ft. from the north end center and marked by a monument of stone, 3 ft. base, 3 ft. high.
No. 2	<p style="text-align: right;">No value.</p> A shaft, 5 x 6 ft., over 50 ft. deep, the center of which bears S. 49° 45' E., 700 ft. from Cor. No. 4 Stone Wall lode. Value, not less than \$1,000.
No. 3	A shaft, 5 x 6 ft., over 50 ft. deep, the center of which bears S. 47° 15' E., 740 ft. from Cor. No. 4 Stone Wall lode. Value, not less than \$1,000.
No. 4	A shaft, 5 x 6 ft., 20 ft. deep, the center of which bears S. 35° 45' E., 650 ft. from Cor. No. 4, Stone Wall lode. Value \$250.
No. 5	A shaft, 5 x 6 ft., 15 ft. deep, the center of which bears S. 32° 15' E., 640 ft. from Cor. No. 4 Stone Wall lode. Value \$150.
No. 6	A shaft, 5 x 6 ft., over 50 ft. deep, the center of which bears S. 65° 30' E., 180 ft. from Cor. No. 4 Stone Wall lode. Value, over \$1,000.
No. 7	A shaft, 5 x 6 ft., 30 ft. deep, the center of which bears S. 18° 15' E., 125 ft. from Cor. No. 3 Stone Wall lode. Value \$600.

 U. S. M. M. No. 4233

U. S. Mineral Monument No. 4233 hereinbefore described, was established at a prominent point, giving good visibility in all directions, there being no section corner or U. S. M. M. within a radius of two miles.

A latitude, time and meridian observation was taken at Cor. No. 1 Lead Mountain lode, M. S. No. 4234 A and a topographical map and a photograph of the mountain is herewith included.

ADJOINING CLAIMS.

This survey is bounded on the north by the Sonora and Sonora No. 6 Lodes and on the West by the Sonora No. 5 lode, Arthur Haak, claimant.

Establishment of U.S.M.M. No. 4233.

Castle Dome Mining District, Yuma County, Arizona

There being no section corner or established U.S. Mineral Monument within a radius of two miles of Mineral Survey No. 4233, I proceed to establish U.S. Mineral Monument No. 4233 as follows:

On a prominent point, affording good visibility in all directions, set a galvanized iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, and surround same with a mound of concrete 12 ins. high. Brass cap marked X U.S.M.M.No.4233.

Lincoln shaft head frame, on Lead Mountain lode, Sur. No. 4234 A, brs. S. 9° 29' W.

Cor. No. 1 Lead Mountain lode, Sur. No. 4234 A, brs. S. 12° 37' W. 1682 ft.

Squaw Peak bears S. 50° 52' W.

Picacho Peak in California bears S. 84° 52' W.

Flora Temple shaft head frame, on Flora Temple lode, Lot No. 37, bears N. 11° 45' W. approximately 2 miles.

Castle Dome Peak bears N. 15° 27' E.

A monument of stone on Sylvestre Mountain bears N. 82° 34' E.

Cor. No. 1 Union lode, Sur. No. 4233, bears N. 6° 4' E. 4778.2 ft.

U.S.L.M. No. 1379 bears N. 7° 36' W. approximately 3 miles.

The west face of a banded gneiss bed rock with a 3 ft. vertical face, bears S. 9° 35' W. 6.8 ft., marked X BR U.S.M.M.No.4233

A monument of stone, 6 ft. base, 4 ft. high, bears N. 35° W. 15 ft.

A topographical map and a photograph of the monument are submitted herewith.

There is no remaining evidence of the "Initial Monument" on the Flora Temple lode.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by Harlow D. Phelps

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 _____

Althee Modesti

known as the Union, Promontorio, and Stone Wall lodes

and showing the respective capacities in which they acted.

P. Modesti, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS

We, I, P. Modesti

and _____, do solemnly swear that we assisted _____

Harlow D. Phelps, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Althee Modesti

known as the Union, Promontorio, and Stone Wall 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 instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

P. Modesti, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 24th

day of February, 1940

[Signature]
Notary Public

My Com. Expires Jan 22-1942

FINAL OATH OF ~~U.S.~~ MINERAL SURVEYOR, G.L.O.

I, Harlow D. Phelps, ~~U.S.~~ Mineral Surveyor, G.L.O.,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Ariz., dated Jan. 11, 1940.

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

Althee Modesti, known as the
Union, Promontorio, and Stone Wall lodes

situate in Castle Dome Mining District,
Yuma County, Arizona, in Section
36 4 S., 19 W., Unsur., and
1 and 6., Township No. 5 S., Range No. 18 and 19 W., Unsur.

and designated as Survey No. 4233, 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 his
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 in-
cluded in the estimate of expenditures upon any other claim.

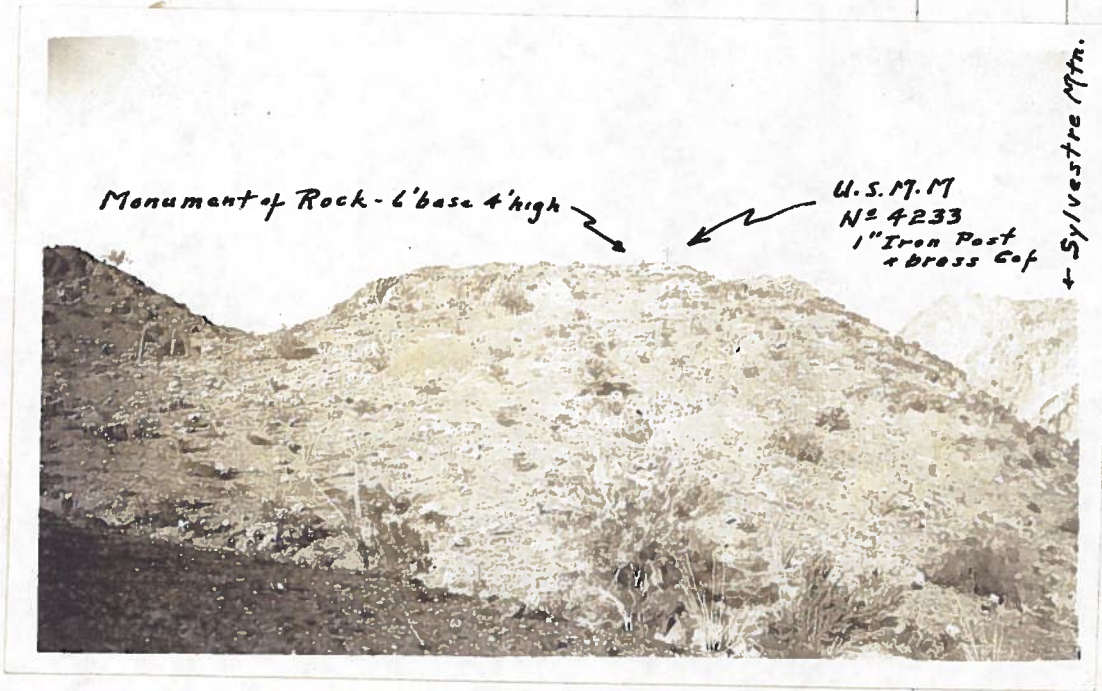
Harlow D. Phelps
(~~U.S.~~ Mineral Surveyor) G.L.O.

Subscribed and sworn to by the said Harlow D. Phelps
G.L.O.,
~~U.S.~~ Mineral Surveyor, before me Mr. [Signature] a Notary Public

this 26th

day of February, 1940

Mr. [Signature]
Notary Public



Monument of Rock - 6' base 4' high

U.S.M.M.
N=4233
1" Iron Post
& Brass Cap

Sylvestre Mtn.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States Department of the Interior GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

Phoenix, Arizona

April 19, 1940

I, Office Cadastral Engineer at Phoenix, Arizona

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

Althea Modesti

known as the UNION, PROMONTORIO, and STONE WALL lodes

situate in Castle Dome

Mining District Yuma County Arizona

in Sections 36 1 and 6, Township No. 4 S., 5 S., Range No. 19 W., Unsur., and 18 & 19 W., Unsur., and

designated as Survey No. 4233, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or his grantors, and that said improvements consist of 17 shafts and 1 drift, total value \$10,180.

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

Sherran C. Fiske

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

At Phoenix, Arizona

April 19, 1940

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

Althee Modesti

, known as the

UNION, PROMONTORIO, and STONE WALL lodes

situate in Castle Dome mining district,

Yuma County, Arizona

in Section s 36 1 and 6, Township No. 5 S., Range No. 18 & 19 W., Unsur. and 4 S., 19 W., Unsur.

, designated as Survey No. 4233

executed by Harlow D. Phelps, Mineral

Surveyor, January 26 - 30, 1940, under my instructions dated

January 11, 1940, 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.

Sherman C. Fiske Office Cadastral Engineer.