

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4261.

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Althee Modesti

Known As The

Nayal, El Nopal and Piedad lodes

Castle Dome Mining District,

Yuma County, Arizona.

Section s 12 & 13 Unsur Township 5 S., Range 19 W.

Surveyed under instructions dated February 18, 1942

by Harlow D. Phelps
Mineral Surveyor.

Piedad, Feb. 22, 1902

El Nopal, Sept. 20, 1902

Claim located; Nayal, May 24., 1902.

Survey commenced April 3., 1942.

Survey completed April 10., 1942.

Address of claimant Yuma, Arizona.

DATES OF AMENDED LOCATIONS

February 15, 1942.

Feet	<p>Mineral Survey No. 4261 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 observation 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 observation are shown in the calculation sheets submitted for examination with mineral survey Nos. 4233 and 4234 A & B.</p> <p>All azimuths in this record are referred to the true meridian thus determined, 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 for the entire length, each end foot being graduated to 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.</p> <p>All lines and connections of this survey were run by direct method.</p> <p>The magnetic variation observed at each corner of the survey gave a uniform value of $14^{\circ} 45' E$.</p> <p style="text-align: center;">NAYAL LODGE.</p> <p>Beginning at Cor. No. 1 of the Nayal lode, which agrees with a corner of the location. Identical with Cor. No. 2 El Nopal lode of this survey. This corner falls in the center of a wash, 14 ft. wide, course S. $18^{\circ} W$., where it was inadvisable to set a permanent corner.</p> <p>Witness Corner hereafter described bears S. $85^{\circ} 17' W$. 15.8 ft. No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N. $14^{\circ} 13' W$.</p> <p>910 Center line of Silvestre wash, 80 ft. wide, course S $45^{\circ} W$.</p> <p>1500.0 Cor. No. 2</p> <p>Agrees with a corner of the location.</p> <p>Set a galvanized iron post 3 ft. long, 1 in. in diam., 24 ins. in ground, for Cor. No. 2, with brass cap mkd. U.S. Min. Sur. X N-2-4261; from which</p> <p style="text-align: center;">Witness corner No. 3, Lead Mountain lode, Sur. No. 4234 A bears N. $83^{\circ} 48' E$., 1329.5 ft. dist.</p> <p style="text-align: center;">Thence S. $85^{\circ} 17' W$.</p> <p>300 The north end center, agreeing with the north end center of the location, being a monument of stone, 3 ft. high, 3 ft. base.</p> <p>460 Road to Quartzite-Yuma road and La Reconpenza lode, bears North and South. Sur. No. 4260,</p> <p>476.1 Set a galvanized iron post 3 ft. long, 1 in. diam., 24 ins. in ground, for witness to Cor. No. 3, with brass cap mkd. U.S. Min. Sur. X W.C. N-3-4261.</p> <p>490 East bank of wash, 250 ft. wide, course, South.</p> <p>600.0 Cor. No. 3</p>
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Feet	Agrees with a corner of the location. This corner falls in a wash where it was inadvisable to set a permanent corner. Witness Cor. heretofore described brs. N. 85° 17' W. 123.9 ft. No local bearing objects or bearing trees available. Thence S. 14° 13' E.
350	East bank of wash, 250 ft. wide, course, South.
630	Road to Quartzite - Yuma road and La Reconpenza lode, bears North and South. Sur. No. 4260,
1020	Center line of Silvestre wash, 80 ft. wide, course S 45° W.
1500.0	Cor. No. 4 Agrees with a corner of the location. Identical with Cor. No. 3 El Nopal lode of this survey. Set a galvanized iron post 3 ft. long, 1 in. diam., 12 ins. in ground to bed rock and in mound of stone to top, for Cor. No. 4, with brass cap mkd. U.S. Min. Sur. X N-4-E-3-4261. No local bearing objects or bearing trees available. Thence N 85° 17' E.
300	The south end center, agreeing with the south end center of the location, being a monument of stone, 3 ft. high 3 ft. base.
584.2	Witness/Corner No. 1, also witness to Cor. No. 2 El Nopal lode of this survey. Set a galvanized iron post 3 ft. long, 1 in. diam., 24 ins. in ground, for witness corner No. 1, with brass cap mkd. U.S. Min. Sur. X W.C. N-1-E-2-4261., from which The cor. of secs. 7, 12, 13 & 18., T. 5 S., R. 18 & 19 W., G. & S. R. xxxx M., bears N. 59° 46' E., 2341.7 ft. dist., an iron post, 3 ins. diam., 12 ins. above ground, firmly set & marked on brass cap as described in the official record.
600.0	Cor. No. 1, and place of beginning. EL NOPAL LODE Beginning at Cor. No. 1 of the El Nopal lode, which agrees with a corner of the location, xxxxxxx - Identical with Cor. No. 1 Piedad lode of this survey, where Set a galvanized iron post 3 ft. long, 1 in. diam., 24 ins. in ground, for Cor. No. 1, with brass cap mkd. U.S. Min. Sur. X E-1-P-1-4261; from which The $\frac{1}{2}$ Cor. of secs. 13 and 18, T. 5 S., Rs 18 and 19 W., G. & S. R. xxxx M, bears S. 88° 35' E. 1891.2 ft. dist.; an iron post, 2 ins. diam., about 18 ins. above ground with mound of stone to top, firmly set, & marked on brass cap and witnessed as described in the official record. No local bearing objects or bearing trees available. Thence N. 4° 43' W.
1420.0	Cor. No. 2 Identical with Cor. No. 1 Nopal lode of this survey, hereinbefore described, and agrees with a corner of the location. Witness corner, hereinbefore described, bears S. 85° 17' W. 15.8 ft.

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Feet	
	Thence S. 85° 17' W.
15.8	Witness Cor., to Cor. No. 2 and to Cor. No. 1 Nayal lode of this survey, heretofore described.
300	The north end center, agreeing with the north end center of the location and identical with the south end center of the Nayal lode of this survey, hereinbefore described.
600.0	Cor. No. 3 Identical with Cor. No. 4 Nayal lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence S. 4° 43' E.
1320	Center line of wash, 20 ft. wide, course S. 50° W.
1420.0	Cor. No. 4 Agrees with a corner of the location. Identical with Cor. No. 2 Piedad lode of this survey. Set a galvanized iron post 3 ft. long, 1 in. diam., 25 ins. in ground, and in mound of stone, for Cor. No. 4, with brass cap mkd. U.S. Min. Sur. X E-4-P-2-4261. No local bearing objects or bearing trees available.
	Thence N. 85° 17' E.
300	The south end center, agreeing with the south end center of the location, being a monument of stone, 3 ft. high, 3 ft. base.
600.0	Cor. No. 1, and place of beginning.
	PIEDAD LODGE
	Beginning at Cor. No. 1 of the Piedad lode, which is identical with Cor. No. 1 of the El Nopal lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence S. 85° 17' W.
300	The north end center, agreeing with the north end center of the location and identical with the south end center of the El Nopal lode of this survey, hereinbefore described.
600.0	Cor. No. 2 Identical with Cor. No. 4 of the El Nopal lode of this survey, hereinbefore described, and agrees with a corner of the location.
	Thence S 4° 43' E.
930	Road, to Quartzite-Yuma road and La Reconpenza lode, bears N. 65° W. and S. 65° E. Sur. No. 4260,
1130	Center line of wash, 80 ft. wide, course S. 62° W.
1500.0	Cor. No. 3 Agrees with a corner of the location. Set a galvanized iron post 3 ft. long, 1 in. diam., 25 ins. in ground, and in mound of stone, for Cor. No. 3, with brass cap mkd. U.S. Min. Sur. X P-3-4261.

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Feet

No local bearing objects or bearing trees available

Thence N. 85° 17' E.

300 The south end center, agreeing with the south end center of the location, being a monument of stone 3 ft. high, 3 ft. base.

600.0 Cor. No. 4

Agrees with a corner of the location.

Set a galvanized iron post 3 ft. long, 1 in. diam., 21 ins. in ground and in mound of stone to top, for Cor. No. 4 with brass cap mkd. U.S. Min. Sur. X P-4-4261.

Thence N. 4° 43' W.

460 Road, to Quartzite-Yuma road and La Reconpenza workings, bears S. 75° W. and N. 75° E.

610 Center line of wash, 80 ft. wide, Course S. 70° 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, counting from the respective points of discovery, is as follows:

Nayal lode, S. 14° 13' E., 50 ft.; and N 14° 13' W., 1450 ft.

El Nopal lode, S 4° 43' E., 1090 ft.; and N. 4° 43' W., 330 ft.

Piedad lode, S 4° 43' E., 710 ft.; and N. 4° 43' W., 790 ft.

AREAS

	Acres
Total area, Nayal lode - - - - -	20.378
Total area, El Nopal lode - - - - -	19.559
Total area, Piedad lode - - - - -	20.661

LOCATION

This survey is located in secs. 12 and 13, Unsur., T. 5 S., R. 19 W., of the G. & S. R. ~~xxxx~~ M., Arizona.

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 claimant or his grantors is not less than \$500., and that said improvements consist of:

Nayal lode.

No. 1 The discovery of the Nayal lode, being a point on the presumed course of the vein, N. 14° 13' W., 50 ft. from the south end center and marked by a monument of stone, 3 ft. high, 3 ft. base. No value,

No. 2 An incline shaft, 5 x 7 ft., 15 ft. deep, dips 30° west, the center of which bears N. 12° 20' E., 56 ft., from the south end center Nayal lode.

Value \$300.

No. 3 An incline shaft, 5 x 7 ft., 122 ft. deep, dips 30° west, partly timbered, the center of which bears

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N. $7^{\circ} 45'$ E., 67 ft. from the south end center Nayal lode. Caved ground connects this shaft with No. 2 incline shaft Nayal lode.

Value \$2400.

No. 4 A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 65° W., 40 ft. from the south end center Nayal lode.

Value \$100.

No. 5 A shaft, 4 x 6 ft., 75 ft. deep, partly timbered, the center of which bears N. $4^{\circ} 05'$ W., 690 ft. from Cor. No. 4 Nayal lode.

Value \$1500.

No. 6 A shaft, 4 x 6 ft., 65 ft. deep, partly timbered, the center of which bears N. $8^{\circ} 15'$ W., 748 ft. from Cor. No. 4 Nayal lode.

Value \$1300.

El Nopal lode

No. 1 The discovery shaft of the El Nopal lode, the center of which being the discovery point, is on the lode line, S $4^{\circ} 43'$ E., 330 ft. from the north end center, 4 x 6 ft., 8 ft. deep.

Value \$100.

No. 2 An incline shaft, 4 x 6 ft., 92 ft. deep, dips 30° west, the center of which bears S. $57^{\circ} 30'$ E., 50 ft. from the north end center El Nopal lode.

Value \$1840.

No. 3 An incline shaft, 4 x 6 ft., over 70 ft. deep, inaccessible, dips to the west, the center of which bears S. $24^{\circ} 10'$ E., 640 ft. from Cor. No. 3 El Nopal lode.

Value \$1400. or more.

Piedad lode

No. 1 The discovery shaft of the Piedad lode, the center of which being the discovery point, is on the lode line, S. $4^{\circ} 43'$ E., 790 ft. from the north end center, 4 x 6 ft., 20 ft. deep.

Value \$400.

No. 2 A shaft 4 x 8 ft., 30 ft. deep, the center of which bears S. $16^{\circ} 15'$ W., 780 ft. from Cor. No. 1 Piedad lode.

Value \$660.

No. 3 A shaft 4 x 6 ft., 45 ft. deep, the center of which bears S. $16^{\circ} 15'$ W., 705 ft. from Cor. No. 1 Piedad lode.

Value \$900.

No. 4 A shaft 4 x 8 ft., 35 ft. deep, the center of which bears S. $16^{\circ} 15'$ W., 665 ft. from Cor. No. 1 Piedad lode.

Value \$750.

No. 5 A trench 4 x 20 ft., 6 ft. deep, the north end of which bears S. $17^{\circ} 30'$ W., 620 ft. from Cor. No. 1 Piedad lode.

Value \$145.

OTHER CORNER DESCRIPTIONS

Survey No. 4234A Lead Mountain lode: Witness Cor. to Cor. No. 3 is a galvanized iron post set in cement base, 12 ins. to top, with brass cap properly marked.

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 Nayal, El Nopal and Piedad lodes

and showing the respective capacities in which they acted.

- Sheldon Phelps, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS

We/ I Sheldon Phelps

and, do solemnly swear that ~~we~~^I 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 Nayal, El Nopal and Piedad 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, Ariz.

- Sheldon Phelps, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 18th

day of May, 19 42

Yale M. Tate
Notary Pub.

May com. exp 7/11/45
6-1043 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, Harlow D. Phelps, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona., dated February 18, 1942.
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
NAYAL, EL NOPAL, and PIEDAD lodes,
situate in Castle Dome Mining District,
Yuma County, Arizona., in Section
12 & 13 Unsur; Township No. 5 S., Range No. 19 W.
and designated as Survey No. 4261., 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 included
in the estimate of expenditures upon any other claim.

Harlow D. Phelps
(Mineral Surveyor)

Subscribed and sworn to by the said Harlow D. Phelps
Mineral Surveyor, before me, John D. Tranks, a Notary Public,
Yavapai County, Arizona this 12th
day of May, 1942.

My Commission Expires
John D. Tranks
Notary Public

Nov 28, 1944.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

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

Phoenix, Arizona,

June 23, 19 42

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

Althee Modesti

known as the NAYAL, EL NOPAL, and PIEDAD lodes

situate in Castle Dome

Mining District Yuma County Arizona

Unsur. in Sections 12 & 13, Township No. 5 S., Range No. 19 W., and

designated as Survey No. 4261, 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 12 shafts and 1 trench, total value \$11,795.

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.

Sherman C. Piese

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,

June 23, 19 42

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

NAYAL, EL NOPAL, and PIEDAD lodes

situate in Castle Dome mining district,

Yuma County, Arizona

in Sections 12 & 13, Unsur. Township No. 5 S., Range No. 19 W.

, designated as Survey No. 4261

executed by Harlow D. Phelps, Mineral

Surveyor, April 3 - 10, 1942, under my instructions dated

February 18, 1942, 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 B. Fiske Office Cadastral Engineer.