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(4-683.)

Mineral Survey No. 1650

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Albert Steinfeld

KNOWN AS THE

Iron Mountain

San Xavier or Pima Mining District,

Pima County, Arizona

Section 2 Township 17 South, Range 12 East

Surveyed under instructions dated March 29, 1902

by Philip Couzner
U. S. Deputy Mineral Surveyor

Claim located January 1st 1893

Survey commenced April 7th 1902

Survey completed April 7th 1902

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Jonathan B. Stevenson and Charles M. Pogue
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of Albert Steinfeld
....., known as the
Iron Mountain lode
situate in San Xavier or Pima mining district,
..... County,
in Section, Township No., Range No.

Jonathan B. Stevenson, Chainman.
Charles M. Pogue, Chainman.

Subscribed and sworn to by the above-named persons before
me this 7th day of April, 1902

My Commission Expires Feb. 12, 1906. Charley O. Rouse
Notary Public Pima County
Arizona

I, Arnold Peratta, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of Albert Steinfeld
.....
known as the Iron Mountain lode
more fully described in the preceding affidavit.

Arnold Peratta, Axeman.

Subscribed and sworn to by the said Arnold
Peratta before me this 7th day of
April, 1902

Charley O. Rouse
My Commission Expires Feb. 12, 1906. Notary Public Pima County
Arizona

I, Arnold Peratta, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of Albert Steinfeld
.....
known as the Iron Mountain lode
more fully described in the preceding affidavit.

Arnold Peratta, Flagman.

Subscribed and sworn to by the said Arnold
Peratta before me this 7th day of
April, 1902

Charley O. Rouse
My Commission Expires Feb. 12, 1906. Notary Public Pima County
Arizona

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

Part

Iron Mountain Caves

Beginning at Cav. No. 1.
 Perpendicular with N.E. cor of the location.
 A limestone c. 10 x 8 ins, set 12 ins in the ground, with
 mound of stone at level 1-1350, returned
 May 7 to 10 1855 2 and 35, June 16 and 17 S., 16.12 E,
 18.9 N. 13.9 W., H. 18' 58" P. 2780 ft.
 Vertical back bore at 52' 15" E.
 Horizontal back bore at 1.4° E

 Shower S. 24° E.
 Pa. 100° 45' E.

- 55 Dry wash 5 ft wide, course N. Easterly.
- 56 Dry wash 5 ft wide, course N. Easterly.
- 570 Cave and crater same mound, identical with the location
 which is a mound of stone 2 1/2 ft high, 3 ft high.
- 575 Dry wash 6 ft wide, course N. Easterly.
- 580 Small wash 6 ft wide, course N. Easterly.
- 590 In Cav. No. 2.

Perpendicular with S. E. cor of the location and N.E. cor of
 Patterson's cave, survey No. 411

This is found in mound of stone. Established on by
 setting
 A limestone c. 12 x 8 ins, 12 ins in the ground, with mound
 of stone elevated 1-1650 at 7.1.2. Since it is in the ground
 A wash 5 ins diam, bore N. 61° 24' N, 270.4 ft, and a
 wash 5 ins diam, bore N. 64° E, 136.2 ft, such things
 will be found 1-1650 P.S.

Cav. No. 2 Copper Hill cave, survey No. 1647, bore
 N. 23° 55' E. 3175 ft.

 Shower S. 81° W.
 Pa. 100° 45' E.

- Ascending.
- 650 Dry wash 6 ft wide, course N. Easterly.
 - 850 Bone cave N. Easterly and S. Easterly.
 - 910 Center of cut, 100 ft long, running parallel to line, bore
 70 ft d.
 - 965 Bone cave N. Easterly and S. Easterly.
 - 1000 Cut, bore 5 ft S of line.
 - 1010 Shaft, bore 6 ft d.

Part

1000 Road, base N. Westerly and S. Easterly.
 1300 Shale, base 20 ft S.
 1500 No. 100
 Identical with No. 100 in of the section and N.W. cor of
 Patterson's site, survey No. 411
 The structure is a tunnel of stone and slate. Demonstrated
 by cutting
 A limestone 26 x 14 x 8 ins, 14 ins in the ground, with rimmed
 of stone, elevated 3-1050 in base
 A limestone 5 ins diam, base S 95° E 131° N at base and
 elevated 3-1000 B.B.
 A limestone in place, 24 x 18 x 10 ins above the ground surface
 base S 33° 45' E, 254 ft, elevated 3-1050 in N.E. and S.W. S.E.
 same!

 Shale N. 54° W.
 No. 100 45° E.

Continuing.

00 Road base N. Easterly and S. Westerly.
 25 Two yellow 5 ft wide, corner N. Easterly, and same.
 300 10 ft. and white monuments identical with the location
 which is a tunnel of stone 2 1/2 ft base, 2 ft high
 400 No. 100
 Identical with No. 100 in of the section.
 A limestone 26 x 18 x 4 ins, 24 ins in the ground with rimmed
 of stone elevated 4-1050 in base
 A limestone in place, 26 x 18 x 4 ins, above the ground base
 S 40° 00' E, 10 ft, and a limestone in place 4 x 4 ft, 12 ins
 above the ground, rock elevated 4-1050 B.B.

 Shale N. 51° E.
 No. 100 45° E.

470 Dry wash, 10 ft wide, corner N. Westerly.
 525 Base base N. Westerly and S. Easterly.
 600 Road, base N. Westerly and S. Easterly.
 735 Dry wash, 6 ft wide corner N. Easterly.
 1000 Dry wash 6 ft wide, corner N. Easterly.
 1190 Dry wash 6 ft wide corner N. Easterly.
 1470 Dry wash 6 ft wide, corner N. Easterly.
 1500 No. 100 N. of the place of beginning.

Foot

Adjuring Claims.

Paterson Lode and Lode, San Xavier Mining Co. owned by J. W. Paterson
Banner Lode and West, Roberts and Brinkley owned by J. W. Paterson

Legal Description of Claim.

1995 accord.
1996

Gravel.

The boundary corner of the ledge of this lead is from the East and center monument S 80° W 1500 ft.

Location.

This claim is located in Sec 21 T. 17 S. R. 12 E. S. 1 E. 18th Ill. in San Xavier ^{or Pima} M. D. Arizona.

Expenditure of Five Hundred Dollars.

It is hereby stated for value and improvements upon this claim, valued thereon by the claimant and his grantor is not less than five hundred dollars, and that said improvements consist of:

From E. end center monument: Discovering Shaft No. 1 4 x 5 ft, 10 ft deep, course S. 51° W 200 ft.

Value \$ 500

From Cor. No. 2: Shaft, 4 x 5 ft, 8 ft deep, with one extending 200 ft, course S. 50° W 250 ft.

Value \$ 1000

From adjoining S. 80° W 1000 ft from Cor. No. 2: Shaft, 10 x 10 ft, 10 ft long, course N. 50° W 150 ft.

Value \$ 5000

Shaft No. 4, 4 x 7 ft, 55 ft deep, course S. 55° W, course N. 43° W, 60 ft.

Value \$ 3000

Shaft No. 5 (4 x 5 ft 40 ft long, course S. 67° W) course N. 40° W 43 ft.

Value \$ 5000

Cut No. 5, 6 x 10 ft, 50 ft long, course S. 40° W, course S. 15° E, 150 ft.

Value \$ 2500

Cut No. 6, 2 x 2 ft 4 ft long, course N. 62° E. 455 ft.

Value \$ 2000

Part

Instrument.

This survey was made with a Young & Sons light
 mountain transit. The courses were directed from the true
 meridian by direct solar observations. The distances were
 measured with 50-ft and 100-ft steel tapes.

Philip Couzess

U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Cooney
 United States Deputy 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 Albert Stiefel
 known as the Iron Mountains
 and showing the respective capacities in which they acted.

- Jonathan B. Stevenson, Chairman.
- Charles M. Pogue, Chairman.
- Arnold Peratta, Axman.
- Arnold Peratta, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Jonathan B. Stevenson, Arnold Peratta
 and Charles M. Pogue, do solemnly swear that we assisted Philip
Cooney, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Albert Stiefel

known as the Iron Mountains, represented
 in the foregoing field notes as having been surveyed by said deputy 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 United States Surveyor-General for
Arizona.

- Jonathan B. Stevenson, Chairman.
- Charles M. Pogue, Chairman.
- Arnold Peratta, Axman.
- Arnold Peratta, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 15th day of April, 1902.

Charley O. Rouse
 Notary Public Pima
 County, Arizona.

Affidavit of Five Hundred Dollars Improvements.

We, W. M. Roberts, and Howard E. Barnes

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Iron Mountain mining claim, situate in San Xavier ^{Pima} Mining district, Pima County, Arizona Territory, for which Albert Steinfeld

has made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

W. M. Roberts
Howard Barnes

TERRITORY OF ARIZONA, }
County of Pima } ss:

Sworn to and subscribed before me, this 28th day of April, 1892

Charles O. Rouse
Notary Public, Pima County
Arizona, Territory

My Commission Expires Feb. 12, 1906.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Couzzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 29th 1902, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Albert Steinfeld, known as the Iron Mountains, situate in San Xavier or Pima Mining District, Pima County, Arizona, in Section 2, Township No. 17 S. Range No. 12 E. and designated as Survey No. 1650, 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 Surveyor General with said instructions, and that all the 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 improvements 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.

Philip Couzzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Couzzen
U. S. Deputy Mineral Surveyor, before me Charley O Rouse, A Notary
Public in and for Pima County, Ariz. this 28th
day of April 1902

Charley O Rouse
Notary Public, Pima County,
Arizona Territory.

I R O N M O U N T A I N M I N E .

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 600 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the eastern end of claim, and upon which this notice is posted; thence Southerly 300 feet to a monument of stones; thence westerly 1500 feet to a monument of stones; thence Northerly 300 feet to a monument of stones, being the center of Western end of claim; thence Northerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Southerly 300 feet to place of beginning.

This claim is situated about 1 mile S.S.E. of what is known as the Bunker Hill, about 1600 feet nearly E.N.E. of the San Xavier Mine and joins the Northern side line of the Patterson claim. First located in 1888 and has since been known as the Blue Pick Mining Claim. This is a relocation and shall be known as the Iron Mountain Mine.

Located January 1st, 1893.

Witnessed location,

I. A. Shedd.

Howard E. Bains.

Filed and recorded at request of I. A. Shedd January 5, A.D. 1893, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Iron Mountain Mining Claim, as the same appears of record in Book CC, at Page 749, Records of Mines of Pima County, Arizona.

Chas. A. Shibell
County Recorder

(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Phoenix Arizona

July 30th, 1902.

I, U. S. Surveyor General for *Arizona Terr.*

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of *Albert Steinfeld*

....., known as the

Iron Mountain lode

situate in *San Xavier or Pima* mining district,

Pima County, *Arizona*

in Section *2*, Township No. *17 S*, Range No. *12 E*

....., designated as Survey No. *1650*

executed by *Philip Cutzger*, U. S. Deputy Mineral

Surveyor, *April 7th*, 1902, under my instructions dated

....., 190..., have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

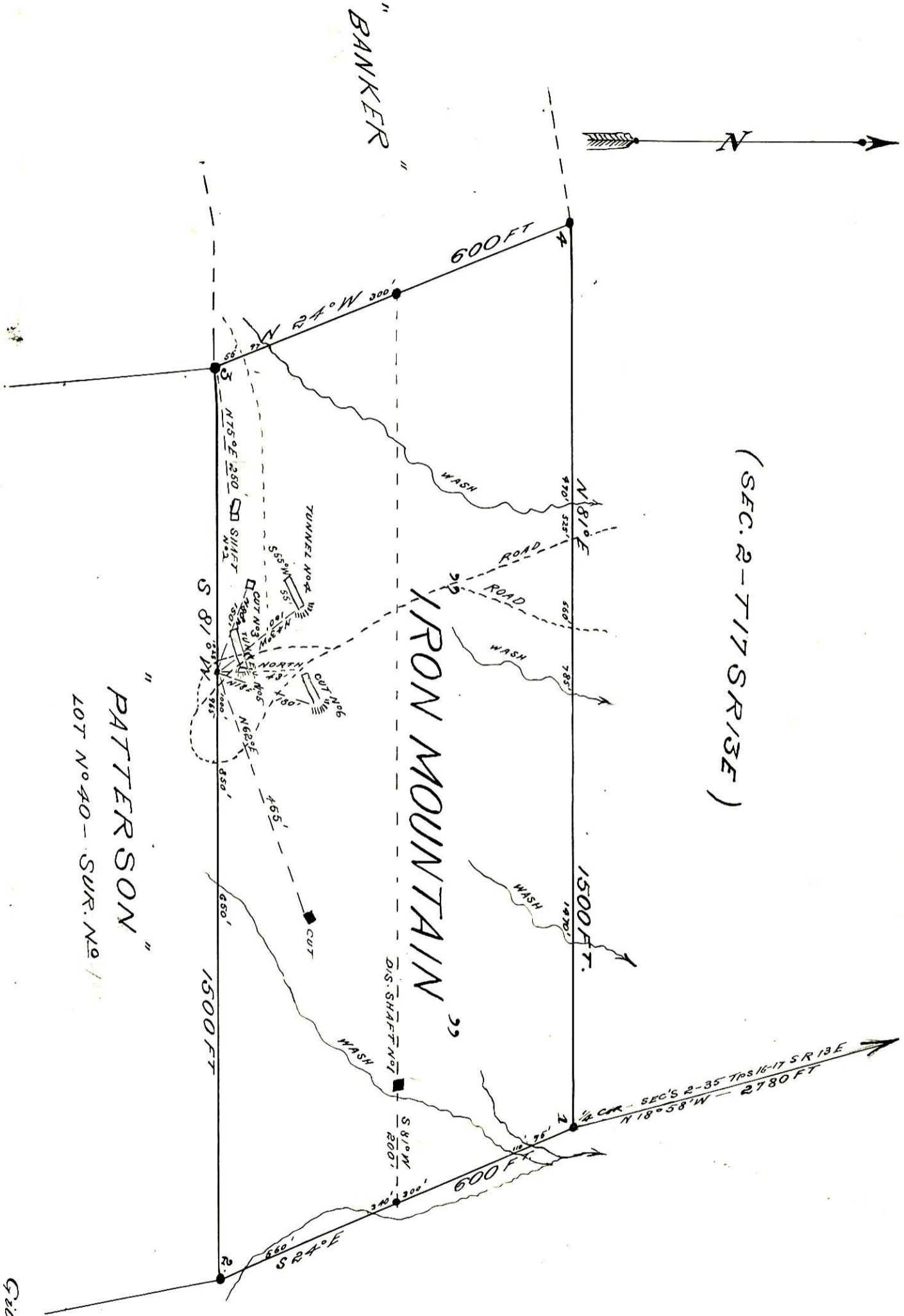
the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

August A. Price

U. S. Surveyor General for *Arizona Terr.*

(SEC. 2-7/17 SR 13E)



" PATTERSON "

LOT NO 40 - SUR. NO 111

" SCALE 200' = 1 IN. "

" SURVEY NO 1650 "

Gila Land District

SURVEYED APRIL 7 31 1902

By Philip Conderson

U. S. Dept. Mine. Survey