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W.S.I., 3/6/07.

MINERAL SURVEY NO. 2377
ARIZONA LAND DISTRICT

* * *

F I E L D N O T E S

of the survey of the mining claim of
Barney Rice and Old Dominion Copper Mining and Smelting
Company,

known as the

THE HAPPY JACK

Globe Mining District, Gila County,
Arizona.

Sections 23, 24 and 25, Township 1 N., Range 15 E.

G. & S R B & M.

Surveyed under instructions dated December 26, 1906.

by Robert R. Boyd,
U.S. Deputy Mineral
Surveyor.

Claim located See location notices.

Survey commenced January 12th, 1907.

Survey completed January 27th, 1907.

Address:

Seth E. Hazzard, Attorney,
Bisbee, Arizona.

*See out summary
copy
sent
over*

duplicate filed to summary

Feet

Survey No. 2377.

THE HAPPY JACK LODE MINING CLAIM.

Beginning at cor No. 1 the N W cor. whence original location for the N.W. cor. bears N. $32^{\circ} 55' W$ 13.5 feet, and a X-B-R-2377 chiseled in a cement foundation of the ore bins of the Old Dominion Copper Mining & Smelting Co., bears S. $74^{\circ} 51' E$. 139.96 feet, and the S.E. cor. of Sec. 23 Twp. 1 N, R 15 E, G & S R B & M, bears S. $11^{\circ} 30' E$. 473.9 feet. The position for this corner comes upon the roof of the power plant of the Old Dominion Copper Mining & Smelting Co., and, therefore, no corner is set.

Thence N $69^{\circ} 27' E$
Var. $10^{\circ} E$.

106.2 to the intersection of the W. line of Sec. 24. Twp. 1 N. R. 15 E. G & S R B & M at N. $0^{\circ} 34' E$. 501.7 feet from the S.W. corner and S. $0^{\circ} 34' W$. 2130.1 feet from the W. $\frac{1}{4}$ corner of Section 24.

113.2 same bearing to the N.E. end of power plant.

161.2 same bearing to witness corner for corner No. 1, a pine post 4 feet long and 4 inches square set 2 feet in the ground and scribed W.C.-1-2377-HJL.

299.2 same bearing to the N.E.C., whence the original location for the N.E.C. bears N. $29^{\circ} 41' W$. 13.4 feet.

543.7 same bearing to corner No. 2, identical with corner No. 1 of Castle Hill Lode, survey No. 2330, situated on line 1-7 Hypatia Lode, Survey No. 2209A at N $54^{\circ} 12' E$. 538.2 feet from corner No. 1, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 2-2377-H J L, whence a boulder of limestone embedded in a conglomerate cliff and chiseled X-B-R-2377, bears S $82^{\circ} 48' E$. 42.08 feet, and the original location for the N.E. corner bears N. $29^{\circ} 41' W$. 13.4 feet.

Feet

	Thence S 29°41' E. Var. 13° E.
43	to railway
239.6	to railway
649.6	to cor. No. 3 identical with location with corner No. 8 Castle Hill Lode, Survey No, 2330, a pine post 4 feet long and 4 inches square, set 18 inches in the ground in a mound of stone and scribed 3-2377 -H J L, whence the south-side of the stack of the Old Dominion Smelter bears South 86°19' W.
	Thence S 27°55' E Var. 13°35' E
100.9	to the intersection with the S. line of Sec. 24, Twp. 1 N. R. 15 E. G & S R B & M at N. 89°51' E 783.9 feet from the S.W. cor. and South 89° 51' W. 1839.6 feet from the S $\frac{1}{4}$ corner.
558.	same bearing to the intersection of the Arizona Commercial Railway.
716.7	same bearing along the line 7-8 Castle Hill Lode, Survey #2330, to corner No. 4, the S E corner, identical with location, a pine post 4 feet long, 4 inches square set 18 inches in the ground in a mound of stone and scribed 4-2377-H J L, No bearing monuments available.
	Thence S 69°27' W. Var. 13°35' E.
221.5	to the original location for the S E C.
521.5	same bearing to corner No. 5, the S W corner, identical with location, a pine post 4 feet long, and 4 inches square set 18 inches in the ground in a mound of stone and scribed 5-2377- H J L. No bearing monuments available.
	Thence N 29°41' W. Var. 13°35' E
252	to the intersection of Arizona Commercial Railway, the general direction of which is indicated upon the map.
386	to the intersection of the Arizona Commercial Railway.
750	to the intersection of yards of the Old Dominion Smelter.
836.0	same bearing to corner No. 6 identical with corner No.3 Globe SXW South west Millsite. Survey #2142 B, an iron

Feet

pin 3/4 inches in diameter, 3 feet long, driven in the ground in the railroad yards of the Old Dominion Smelter, whence the S.W. cor. of Sec. 24, Twp. 1 N. R. 15 E. G & S R B & M bears due W. 168.2 feet.

Thence N 29°30' W.
Var. 13°35' E.

- .2 to the intersection of the S. line of Section 24, at N. 89° 51' E. 168.2 feet from the S.W. cor. and S. 89° 51' W. 2455.3 feet from the S. 1/4 corner,
- 40 to witness cor. for cor. No. 6, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed W C-6-2377- H J L.
- 335.9 same bearing to the intersection of W. line of Sec. 24 at N. 0° 34' E. 292.3 feet from the S.W. cor. and S. 0° 34' W. 2339.5 feet from the W. 1/4 corner.
- 341.8 same bearing to cor. No. 1, Globe South west Millsite, Survey No. 2142B.
- 390.2 same bearing to the intersection of line 1-7 Hypatia Lode Survey No. 2209A, at N. 54°12' E. 37.7 feet from cor. No. 1.
- 410 same bearing to the South-side of ore bins of Old Dominion Copper Mining & Smelting Company,
- 464.0 same bearing to N. side of ore bins of Old Dominion Copper Mining & Smelting Company,
- 512.0 same bearing to the south side of power plant of the Old Dominion Copper Mining & Smelting Company,
- 533.6 same bearing to cor. No. 1, the place of the beginning.

LEDGE

The Presumed course of the vein on this claim is from the N E C S 29° 41' E 1369. 2 feet.

AREA

Total area ^{The} Happy Jack Lode	- - - - -	16.715 acres
Less area in conflict with Hypatia	- - - - -	
Lode Survey No. 2209A	- - - - -	.885 "
Net area The Happy Jack Lode		15.830 acres

IMPROVEMENTS

I certify that the value of the labor and improvements on this claim, placed thereon by the claimants or their

feet

grantors is not less than \$500. and said improvements consist of the following:

- | | | |
|-------|--|-------------------|
| No. 1 | Discovery Shaft 4 x 6 x 50 ft. deep, the S E cor. of which bears from the S E C of location N 29° 41' W 40.0 feet | Value \$500. |
| No. 2 | Open cut 4 x 9 x 20 ft. in length, and tunnel 4 x 6 x 10 ft in length, extending in a due east direction; the center of mouth of cut bears from cor No. 3 S 60° W 137.0 feet | Value <u>100.</u> |
| | Total value of improvements | \$600. |

Note Other surface improvements consisting of railroad yards, coke yards, ore bins, and power plant, as indicated on the map, not accredited to this claim.

ADJOINING CLAIMS

North	Hypatia Lode, Survey No. 2209A, Old Dominion Copper Mining & Smelting Company owner.
East	Castle Hill Lode, Survey NO. 2330, Barney Rice owner,
South	North Globe Townsite,
West	North Globe Townsite,
	South west Globe Millsite, Survey No. 2142B, Old Dominion Copper Mining & Smelting Company owner.

LOCATION

This claim is located in Sections 23, 24 and 25, Twp. 1 N, R 15 E, G & S R B & M, in the Globe Mining District, Gila County, Arizona, about 300 feet in an easterly direction from the Old Dominion Smelter.

INSTRUMENT

This survey was made with a C. L. Berger & Sons NO. 5194 Complete Mining Transit. The courses were deflected from the true meridian, as determined by direct Solar observation, checked by an observation on Polaris. The distances were measured with a 300-foot steel tape.

Robert R. Boyd
U.S. Deputy Mineral Surveyor

Dated at Globe, Arizona,
28th January, 1907.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Robert R. Boyd

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 Barney

Rice and the Old Dominion Copper Mining and Smelting Co.

known as the The Happy Jack

and showing the respective capacities in which they acted.

Edgar E. Barker, Chainman.

K. H. Pearson, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Edgar E. Barker

and K. H. Pearson, do solemnly swear that we assisted Robert R.

Boyd United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Barney Rice and the Old

Dominion Copper Mining and Smelting Co.

known as the The Happy Jack

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

Edgar E. Barker, Chainman.

K. H. Pearson, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 28th

day of January, 1907

My commission expires January 13, 1910.

G. F. Dodge

Notary Public in and for the
County of Gila, Territory of
Arizona.



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Robert R Boyd, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Dec 26, 1906, 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 Old Dominion Copper Mining & Smelting Company & Barney Rice, known as the The Happy Jack, situate in Globe Mining District, Gila County, Arizona, in Section 23-24-25, Township No. 1 N, Range No. 15 E G + S. R. B + M, and designated as Survey No. 2377, 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 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.

Robert R. Boyd
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Robert R. Boyd,
 U. S. Deputy Mineral Surveyor, before me G. F. Dodge,
 Notary Public, this 28th
 day of January, 1907.
 My commission expires January 13, 1910.

G. F. Dodge
 Notary Public in and for the
 County of Gila, Territory of
 Arizona.



Affidavit of Five Hundred Dollars Improvements.

We, Edgar E. Barker, and H. H. Pearson

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the The Happy Jack mining claim,

situate in Globe Mining district, Gila County,

Arizona Territory, for which Barney Rico & the Old Dominion
Copper Mining & Smelting Co

have 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 improve-

ments made thereon by the applicants and their grantors exceed Five Hundred

Dollars in value, and further that we are not personally interested in said mine.

Edgar E. Barker
H. H. Pearson

TERRITORY OF ARIZONA, }
County of Gila } ss:



Sworn to and subscribed before me, this 28th

day of January, 1907

My commission expires January 13th, 1910.

G. F. Dodge
Notary Public.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the The Happy Jack Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Barney Rice and The Old Dominion Copper Mining and Smelting Company

(Locator must insert either, "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 1st day of December 1906

The length of this claim is 1382.8 feet, and W 1/2 claim 40 feet, in a S 29° 41' E direction and 1382.8 feet in a N 27° 41' W direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300.0 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the South

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 500 feet in a northerly direction from the Old Dominion Smelter

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a pine post

at a point in a southerly direction 40 feet from the discovery shaft (at which this notice is posted,) being in the center of the south end line of said claim; thence N 69° 27' E 221.5 feet to a pine post being the S.W. corner of said claim; thence N 27° 41' W 715.6 feet to a corner of said claim; thence N 29° 41' W 663.0 feet to a pine post, being at the north east corner of said claim; thence S 69° 27' W feet to a 243.7 at the center of the end of said claim; thence S 69° 27' W 300.0 feet to a monument, being at the north west corner of said claim; thence S 29° 41' E 1382.8 feet to a pine post at the south west corner of said claim; thence N 69° 27' E 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the The Happy Jack Mining Claim, located by Barney Rice on the 2nd day of

February 1892, and recorded in Book 190 of Records of Mines, at page 19, in the office of the County Recorder of the aforesaid County of Gila

to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice, and for other purposes

Dated and posted on the ground this 1st day of December 1906

Barney Rice
The Old Dominion Copper Mining and Smelting Company

E. H. Armstrong

Filed and recorded at the request of E. W. Armstrong on the 17th day of December, A. D. 1906 at 5 minutes past 10 o'clock A. M.

W. D. Fisk, County Recorder.
by Richard Fleming, Deputy Recorder

TERRITORY OF ARIZONA, }
COUNTY OF GILA. }^{SS}

I, W. D. FISK, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Amended location notice

"The Happy Jack" mining claim

as the same appears of record in my office in Book 12 Records of Mines

at page 566; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 17 day of
December

....., A. D. 1906...

W. D. Fisk
County Recorder, Gila County, A. T.
By *Richard Fleming* Deputy Recorder

TERRITORY OF ARIZONA, }
County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at Request of

.....A. D. 190.....

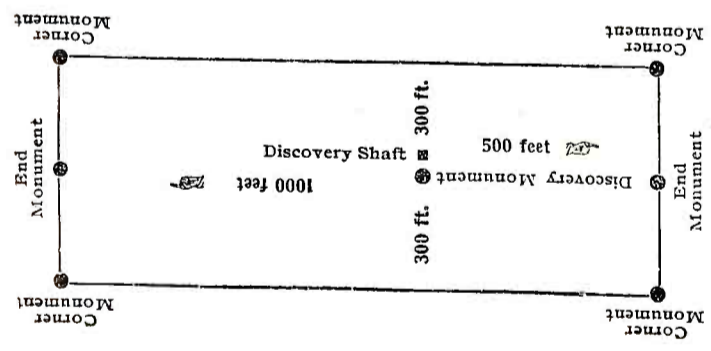
at.....M.

Book.....

Pages.....

.....
County Recorder.

By.....
Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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The Deputy Recorder

4-688.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 4, 1907.

I, U. S. Surveyor-General for District of Arizona
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Barney Rice and Old Dominion Copper Mining & Smelting Company known as the The Happy Jack situate in Globe Mining District, Gila County, Arizona in Section 23, 24 & 25, Township No. 1 N., Range No. 15 E., and designated as Survey No. 2377, 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.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or their grantors, and that said improvements consist of 1 shaft and 1 cut and tunnel, valued at \$600.00

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

Frank S. Ingalls,

United States Surveyor-General for Arizona.

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,

April 4, 1907

I, U. S. Surveyor-General for..... District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Barney Rice and Old Dominion Copper Mining & Smelting Company

....., known as the

The Happy Jack

situate in..... Globe, Mining District,

..... Gila, County,, Arizona

in Section 23, 24 & 25, Township No. 1 N., Range No. 15 E.

....., designated as Survey No. 2377

executed by Robert R. Boyd, U. S. Deputy Mineral

Surveyor, January 13-27, 1907, under my instructions dated

Dec. 26,, 1906, have been critically examined and the necessary cor-

rections 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.

Frank A. Ingalls

U. S. Surveyor-General for Arizona.

POOR QUALITY

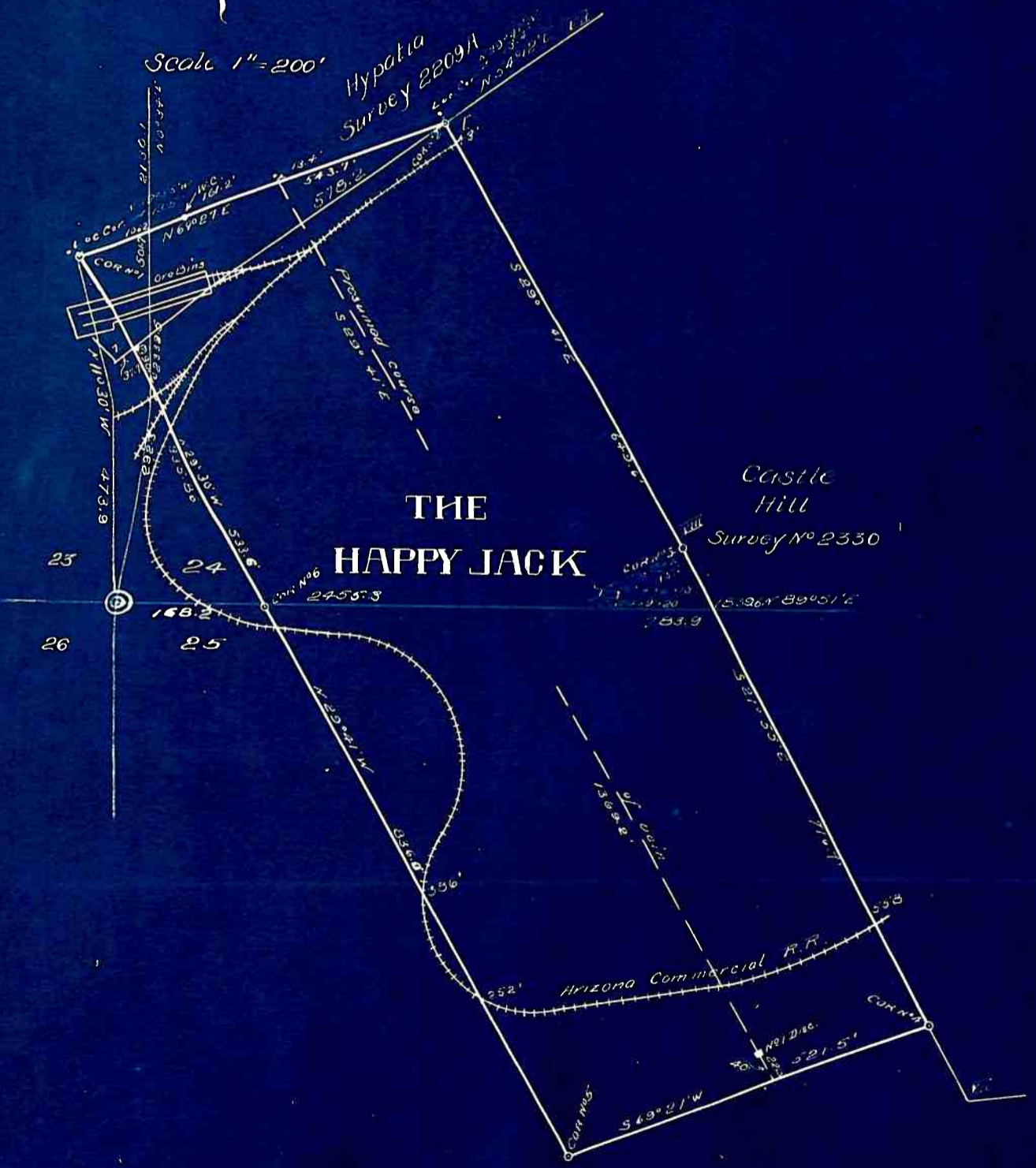
The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

SURVEY N° 2377

NC

Scale 1" = 200'

Hypatia
Survey 2209H



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)
BUREAU OF LAND MANAGEMENT M.S. 2377
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Happy Jack lode, Mineral Survey No. 2377, located in sections 23,24 and 25, Township 1 North, Range 15 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

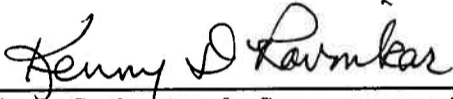
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Happy Jack lode, M.S. 2377 was canceled March 30, 1999, by memo 9605 (952) M.S. 2377, which is now a part of the original field notes."

March 30, 1999
Date



Chief Cadastral Surveyor of Arizona