

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4237

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Randolph Jenks

Known As The

CATALINA NUMBER 5 lode

Old Hat Mining District,

Pima County, Arizona

Sections 25 & 36, Township 11 S., Range 15E., G.&S.R. M. Unsur.,

Surveyed under instructions dated April 10, 1940

by Ralph L. Motz  
U. S. Mineral Surveyor.

Claim located July 1, 1939

Survey commenced May 6, 1940

Survey completed May 7, 1940

Address of claimant Box 4084, University Station,  
Tucson, Arizona.

DATES OF AMENDED LOCATIONS

Mineral Survey No. 4237

Feet

Mineral Survey No. 4237 was made with a Gurley & Sons Precise transit, Light Mountain model, with horizontal limb, 6.25 inches in diameter, having two double opposite verniers, and full vertical circle, 5 inches in diameter, having one double-vernier, the verniers read to one minute of arc; the eye piece is equipped with a prismatic eye piece with colored glass slide for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order. All azimuths in this record are referred to the true meridian as determined in Mineral Survey No. 4221 which surrounds this survey, by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape, 25 feet in length, graduated to feet, inches and fractions of inches for the entire length; a Kueffel & Esser steel tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Kueffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length. All tapes were compared with a Lufkin standard at the time of beginning the survey and found 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° 30' E.

CATALINA NUMBER 5

Beginning at Cor. No. 1 of the Catalina Number 5 lode

Set a diabase rock, 26x12x6 inches, 18 inches in the ground for Cor. No. 1, mkd., C5-1-4237; from which

A pine post, 4 inches diameter, 4 ft. long, set 18 inches in the ground, in a mound of rocks, bears southeasterly 3 ft.

A pine tree, 18 ins. diameter, 70 ft. high, bears N. 80° 10' W., 9.2 ft., mkd. BT X C5-1-4237

A pine tree, 18 ins. diameter, 60 ft. high, bears N. 62° 25' E., 6.8 ft., mkd. BT X C5-1-4237

The original location for the southeast corner bears S. 47° 11' E., 351.7 ft., being a mound of rocks, 3 ft. high, 3 ft. base.

The Cor. of Secs. 25 and 36, T. 11 S., R. 15 E., and Secs. 30 and 31, T. 11 S., R. 16 E., G. & S. R. B. M., bears N. 57° 47' E., 643.2 ft., being a granite rock, 10x12 ins., 15 ins. above the ground, marked and witnessed as described in the official record.

To Thence WEST

23.9 Intersect the south end of the lode line at the south end center, being a mound of rocks, 3 ft. high, 3 ft. base; from which

The original location for the south end center, bears S. 4° 20' W., 239.67 ft., being a monument of rocks, 3 ft. high, 3 ft. base

245.9 Cor. No. 2 Situated on line 4-1 Survey No. 4221 Sunney Brook lode at a point from which Cor. No. 1 bears S. 4° 20' W.,

Feet 239.67 ft., and on line 3-4 Survey No. 4221 Catalina # 4 lode at a point from which Cor. No. 3 bears S. 22° 22' W., 537.74 ft.;

Set a diabase rock, 30x12x5 ins., 18 ins. in the ground for Cor. No. 2, mkd. C5-2-4237; from which

A pine post, 4 ins. diameter, 4 ft. long, set 18 ins. in the ground in a mound of rocks, bears southeasterly 3 ft.

A pine tree, 18 ins. diameter, 65 ft. high, bears S. 87° 10' W., 8.2 ft. mkd. BT X C5-2-4237

A pine tree, 18 ins. diameter, 60 ft. high, bears S. 6° 15' E., 26.0 ft., mkd. BT X C5-2-4237

The original location for the southwest corner, identical with Cor. No. 1 Survey No. 4221 Sunney Brook lode, bears S. 4° 20' W., 239.67 ft., being a granite rock, 5x12 ins., 11 ins. above ground, properly marked for Cor. No. 1 of the Sunney Brook lode.

Thence N. 4° 20' E.,

1260.33 Cor. No. 3

Identical with Cor. No. 4 Survey No. 4221 Sunney Brook lode, and situated on line 2-3 Survey No. 4221 Catalina # 2 lode, at a point from which Cor. No. 3 bears WEST 258.6 ft.

A granite rock, 6x12 ins., 12 ins. above ground, mkd. SB-4-4221; I add C5-3-4237; from which

A pine post, 4 ins. diameter, 4 ft. long, 30 ins. above ground, set in a mound of rocks, bears Easterly 2.4 ft.

A fir tree, 24 ins. diameter, 100 ft. high, bears S. 5° 23' E., 19.2 ft., mkd. BT X C5-3-4237

A pine tree, 30 ins. diameter, 100 ft. high, bears N. 16° 07' E., 23.7 ft., mkd. BT X C5-3-4237

The original location for the northwest corner, bears WEST 78.0 ft., being a monument of rocks, 3 ft. high, 3 ft. base

Thence EAST.

222.0 Intersect the north end of the lode line at the original location for the north end center, being a monument of rocks, 3 ft. high, 3 ft. base

348.6 Cor. No. 4

Identical with Cor. No. 2 of Survey No. 4221 Catalina # 2 lode, and situated on line 2-3 of Survey No. 4221 Catalina # 3 lode;

A granite rock, 4x14 ins., 10 ins. above the ground, mkd. C5-4-4237 to markings, from which

C5-2-4221; I add

A pine post, 4 ins. diameter, 30 ins. above the ground in a monument of rocks bears westerly 5.0 ft.

A fir tree, 8 ins. diameter, 50 ft. high, bears S. 4° 08' W., 8.4 ft., mkd. BT X C5-4-4237

The original location for the northeast corner bears

Feet

East 173.4 ft., being a monument of rocks, 3 ft. high, 3 ft. base.

Cor.. No. 4 of Survey No. 4221 Catalina # 4 lode, bears S. 11° 57' W., 375.0 ft.

371.4 Cor. No. 2 of Survey No. 4221 Catalina # 3 lode; also intersect line 4-1 of Survey No. 4221 Catalina # 4 lode at a point from which Cor.. No. 4 bears WEST 19.9 ft.

1272.2 Cor. No. 1 and place of beginning.

LODE LINE

The presumed course of the vein on this lode location, counted from the point of discovery, is as follows:-

N. 4° 20' E., 210 ft., and, S. 4° 20' W., 1050.33 ft.

AREAS

Total area, Catalina Number 5 lode - - - - Acres 8.576

Area in conflict with

Survey No. 4221 Catalina # 4 lode - - - - - 2.715

LOCATION

This survey is located in Secs. 25 and 36, T. 11 S., R. 15 E., Unsur., G. & S. R. M., Arizona.

The survey of this lode location is inside of the original location, the boundaries of which are shown on the plat.

EXPENDITURE OF \$500

I certify that the value of the labor and improvements placed upon or for the benefit of this lode location by the claimant or his grantors is not less than \$500, and that said improvements, consist of:-

No. 1 The discovery cut, the face of which being the discovery point is on the lode line, 210 ft. from the north end center; 4 ft. wide, 10 ft. face, runs S. 25° W., 14 ft. to face.

Value \$70

No. 2 An open cut, the mouth of which bears from Cor. No. 4 S. 28° 11' W., 239 ft.; 4 ft. wide, 12 ft. face, runs S. 25° W., 18 ft. to face, and portal of tunnel 4x7 ft. in size, running S. 25° W., 13 ft., thence S. 30° E., 24 ft. to breast

Value \$534

No. 3 There are 970 ft. of graded trail from the road on the Catalina #2, Sur. No. 4221, to mouth of the open cut, Improvement No. 2. This trail is for the sole benefit of making accessible this improvement.

Value \$97

OTHER CORNER DESCRIPTIONS.

Survey No. 4221 - I check all lines of this survey mentioned in this record. Catalina #2 - Cor. No. 3 is a schist rock, 5x13 ins., 15 ins. above ground, mkd. C2-3-4221. Catalina #3 - Cor. No. 2 is a granite rock, 4x8 ins., 14 ins. above ground, mkd. C3-2-4221. Catalina #4, Cor. No. 3 is a granite rock 7x7 ins., 12 ins. above ground, mkd. C4-3-4221; Cor. No. 4 is a granite rock, 4x15 ins., 10 ins. above ground, mkd. C4-4-4221. Cor. No. 1 is a granite rock 4x15 ins. 10 ins. above ground, mkd. C4-1-4221.

WORK DONE

The proposed course of the vein of this lode location is as follows:

N. 70° E. 100 ft. and S. 4° E. 100 ft.

ALIAS

4221  
375.3

----- Catalina Number 3 lode

Line in conflict with

375.3

----- Survey No. 4221 Catalina #4 lode

LOCATION

This survey is located in Secs. 23 and 24, T. 11 S., R. 1 E.,

The survey of this lode location is inside of the original location, the boundaries of which are shown on the plat.

EXPLANATION OF PLAT

I certify that the value of the labor and improvements expended upon or for the benefit of this lode location by the claimant or his grantee is not less than \$500 and that said improvements consist of:

The discovery cut, the face of which being the discovery point is on the lode line, 110 ft. from the north end and 4 ft. wide, 10 ft. face, and 2° E. 14 ft. to face.

Value \$70

An open cut, the mouth of which opens from the lode line, 110 ft. wide, 12 ft. face, and 2° E. 14 ft. to face, and bottom of tunnel 4x7 ft. in size, turning S. 23° E. 13 ft. thence S. 30° E. 24 ft. to head.

Value \$324

There are 200 ft. of graded trail from the road on the Catalina lode, No. 4221 to mouth of the open cut, improvement No. 2. This trail is for the sole benefit of making accessible this improvement.

Value \$27

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 Ralph L. Motz

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 \_\_\_\_\_

Randolph Jenks

known as the Catalina Number 5 lode

and showing the respective capacities in which they acted.

Pete Komenovich \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

**FINAL OATHS OF ASSISTANTS**

~~We~~ I, Pete Komenovich \_\_\_\_\_

and \_\_\_\_\_, do solemnly swear that ~~we~~ assisted Ralph L. Motz

\_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Randolph Jenks

known as the Catalina Number 5 lode \_\_\_\_\_,

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.

Pete Komenovich \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 14

day of May, 19 40

W. H. Muecher  
Notary Public, in and for the County of  
Cochise, State of Arizona.  
My commission expires 2/3/41

DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF U.S. MINERAL SURVEYOR

I, Ralph L. Motz, U.S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated April 10, 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  
Randolph Jenks, known as the  
CATALINA NUMBER 5 lode,  
situate in Old Hat Mining District,  
Pima County, Arizona, in Section 8  
25 & 36, Township No. 11 S., Range No. 15 E., Unsur., G. & S.R.M.,  
and designated as Survey No. 4237, 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.

*Ralph L. Motz*  
(U.S. Mineral Surveyor)

Subscribed and sworn to by the said Ralph L. Motz

U. S. Mineral Surveyor, before me W. H. Miescher, Notary Public

this 14

day of May, 1940.

*W. H. Miescher*  
Notary Public, in and for the  
County of Cochise, State of Arizona  
My commission expires 2/3/41

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

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

Phoenix, Arizona,

August 19th, 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

Randolph Jenks

known as the CATALINA NUMBER 5 lode

situate in Old Hat

Mining District Pima County Arizona

in Sections 25 & 36, Township No. 11 S., Range No. 15 E., Unsur., and

designated as Survey No. 4237, 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 1 cut, 1 cut and tunnel, and 970 ft. of trail, total value \$701.

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. 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

August 19th, 19 40

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

Randolph Jenks

, known as the

CATALINA NUMBER 5

situate in Old Hat mining district,

Pima County, Arizona

in Section s. 25 & 36, Township No. 11 S., Range No. 15 E., Unsur.,

G. & S. R. M., designated as Survey No. 4237

executed by Ralph L. Motz, Mineral

Surveyor, May 6 - 7, 1940, under my instructions dated

April 10, 19 40, 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.

Signature of Sherman C. Fiske, Office Cadastral Engineer.

## SUPPLEMENTAL FIELD NOTES

MINERAL SURVEY NO. 4237,

CATALINA NUMBER 5 lode.

From Cor. No.2, Catalina Number 5 lode, Mineral Survey No. 4237,

Cor. No. 4, Catalina #4 lode, Survey No. 4221, bears N. 22° 22' E.  
962.26 ft.

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PUBLIC SURVEY OFFICE  
Phoenix, Arizona,  
June 10, 1941.

I certify that the above is the correct course and distance from Cor. No.2, Catalina Number 5 lode, Mineral Survey No. 4237, to Cor. No.4, Catalina #4 lode, Survey No. 4221, and that the plats of Survey No. 4237 on file in this office, the District Land Office, Phoenix, Arizona, and the General Land Office, Washington, D. C., have been amended to show the said course and distance.

E. A. Thompson  
Clerk in Charge.