

4-683

MINERAL SURVEY No. 4006

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

James R. Hubbard

KNOWN AS THE

Rainbow lode

Dragoon Mining District,

Cochise County, Arizona

Section 4-9 (unapproved) Township 17 S., Range 25 E.

Surveyed under instructions dated March 9, 19 26

by J. N. Stevens U. S. Mineral Surveyor.

Claim located See location notice, 19

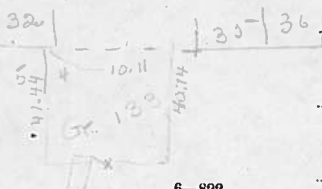
Survey commenced March 16, 19 26

Survey completed March 18, 19 26

Address of claimant E.T. Cusick, Atty. for claimant.

DATES OF AMENDED LOCATIONS.

Three horizontal dashed lines for amended locations.



Feet.

MINERAL SURVEY No.4006

RAINBOW Lode.

Beginning at Cor. No.1.

An iron pipe 1 in. diam. with cap on top, 18 ins. above ground set 18 ins. in the ground, stamped 1 R - 4006, with md of stone alongside, whence the Cor. to Secs. 32 and 35 T.16 S., R. 23 E. brs. N.10°58' W., 526.3 ft.

Loc. Mon. brs. N.3° W., 195.0 ft.

No other bearings are available.

Thence S.88°15'E.

Va. 13°30'E.

300.0

To N. end center.

An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed N. Cr. R.

Loc. Mon. brs. N. 1°30'E., 100. ft.

600.0

To Cor. No.2.

An iron pipe 1 in. diam. with cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 2 R - 4006, with md of stone alongside.

The 1/4 Sec. Cor. bet. Secs. 4 and 9 T.17S., R.23 E. brs. S.64°33'E., 424.56 ft.

Loc. Mon. brs. N.23°30'E., 340.0 ft.

An oak tree 12 ins. diam. brs. S.29° W., 18.9 ft., blazed and scribed 2-4006 B T .

No other bearings are available.

Thence S.1°45'W.

Va. 13°30'E.

125.0

Gulch brs northeasterly.

1495.0

Gulch brs. northwesterly.

1500.0

To Cor. No.3, identical with Loc. Mon.

An iron pipe 1 in. diam. with cap on top, 18 ins. above ground set 18 ins. in the ground, stamped 3 R - 4006

An oak tree 24 ins. diam. brs. S.10° W., 12.5 ft.

No other bearings are available.

Thence N.88°15'W.,

Va. 13°30'E.

Feet.

MINERAL SURVEY No. 4006

RAINBOW Lode.- Cont'd.

- 300.0 To S. end center , identical with Loc. Mon.
An oak post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. R.
- 600.0 To Cor. No.4, identical with Loc. Mon.
An iron pipe 1 in. diam. with cap on top 18 ins. above ground, set 18 ins. in the ground, stamped 4 R. - 4006, with md of stone alongside.
A juniper tree 12 ins. diam. brs. N.66°30'E., 26.2 ft.
No other bearings are available.
Thence N.1°45'E.
Va. 13°30'E.
- 100.0 Gulch brs. northeasterly.
- 1500.0 To Cor. No.1, the place of beginning.

LODE LINE.

As near as can be determined from present developments, the vein embraced in this claim, extend as follows from its discovery point, 490.0 ft. S.1°45'W., and 1010.0 ft. N.1°45'E.

AREA.

	Acres.
Total area	20.661

LOCATION.

This survey is located in the S.W. 1/4 Sec. 4, and N.W. 1/4 Sec. 9, unapproved, T.17S., R. 23 E., in the Dragoon Mining District, Cochise County, Arizona, and within the Coronado National Forest.

MINERAL SURVEY NO. 4006

RAINBOW Lode.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of, the location embraced in said mining claim by the claimant or his grantors is not less than five hundred dollars, and that said improvements consist of:

No.1 The discovery cut, on the center line, 490 ft. from the center of line 3-4, 4 1/2 ft. wide, 8 ft. face running N.1°45'E., 15 ft. to mouth.

Value \$100.0

No.2 A cut, the face of which hrs. from Cor. No.1 S.20°E., 880 ft. 4 1/2 ft. wide 8 ft. face running east 15 ft. to mouth.

Value \$100.0

No.3 A cut, the face of which hrs. from Cor. No.1 S.21° E., 870.0 ft. 4 1/2 ft. wide; 8 ft. face, running east 15 ft. to mouth.

Value \$100.0

No.4 A shaft, the center of which hrs. from Cor. No.1, S.21°E., 825.0 ft. 4 x 6 ft., 85 ft. deep.

Value \$850.0

No.5 A shaft; the center of which hrs. from Cor. No.1, S.24°30'E., 800 ft. 4 x 6 ft. 50 ft. deep.

Value \$500.0

No.6 A cut, the mouth of which hrs. from Cor. No.1 S.26°30'E., 770.0 ft. 4 1/2 ft. wide, 8 ft. face, running N.50°W., 15 ft. to face.

Value \$100.

No.7 A trench, the north end of which hrs. from Cor. No.1, S.26°30'E., 785 ft. 4 1/2 ft. wide, 6 ft. deep running N.30°W., 30 ft.

Value \$150.0

No.8 A shaft, the center of which hrs. from Cor. No.1 S.27°E., 765 ft. 4 x 6 ft. 8 ft. deep.

Value \$80.0

No.9 A cut, the face of which hrs. from Cor. No.1, S.26°30'E., 680.0 ft. 4 1/2 ft wide 8 ft. face, running North 15 ft. to mouth.

Value \$100.0

OTHER IMPROVEMENTS.

A frame blacksmith shop, the Northwest corner of which hrs. from Cor. No.1 S.21°50'E., 785 ft. 10x20 ft. Course of long sides North.

MINERAL SURVEY NO. 4006

RAINBOW Lode.

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

REPORT.

The lode line of this location was run directly upon the ground and the corners were established by running around the claim.

All tie lines were run directly upon the ground.

The Cor. to Secs 32 and 33 T.16 S. R. 23 E. consists of an iron pipe 3 ins. diam. with brass cap, stamped , T.16 S.,R.23 E., S. 32- S.33 and T.17 S. R.23 E., S 4 on S. side.

The 1/4 Cor. bet. Secs. 4 and 9 T.17 S. R. 23 E. is an iron pipe capped with brass, stamped 1/4 S.4, S.9.

Handwritten notes: 37 | 23, 10-11

MINERAL SURVEY NO. 4006

RAINBOW Lode.

do not include in transcript

SOLAR OBSERVATION.

Direct solar observation taken Thursday, March 18, 1926

At 9:40 AM Solar Time, Sun bisected.

Lat. 31° 58' - Lon. 110° 00'

Difference in time 5 h

App't Dec'l = 1° 8' 5"

4 56"

Dec'l = 1° 3' 09" + 90° = 91° 3' 09" = P

$$\sin 1/2 A = \sqrt{\frac{\sin(S-L) (S-H)}{\cos L \cos H}}$$

L = 31° 58'

H = 44° 54' App't Alt. 44° 55'

P = 91° 3' 09"

2) 167° 55' 09"

83° 57' 35" = S

S-L = 51° 59' 36"

S-H = 39° 03' 35"

9.8964910

9.7994302

0.0714217

0.1497583

19.9171012 = 65° 21' 50"

130° 43' 40"

180° - 130° 43' 40" = S 49° 16' 20" E - Bearing of sun.

38° 58' 40" Ang to left from sun.

S 88° 15' 00" E. Bearing of line.

Set up at Cor. No.1, FS to Cor. No.2.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens

United States 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

James R. Hubbard

known as the RAINBOW Lode.

and showing the respective capacities in which they acted.

Hilario Talavera, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, I, Hilario Talavera

I

and, do solemnly swear that we assisted

T.N. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of James R. Hubbard

known as the RAINBOW 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 ~~United States Surveyor-General~~ at Phoenix, Arizona.

Hilario Talavera, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 22

day of March, 1926

A. Peake
Notary Public

My Com. Expires Jan 8 1930 ⁶⁻¹⁰⁹⁸ State of Arizona

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated March 9, 1926, 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 James R. Hubbard, known as the Rainbow lode, situate in Dragoon Mining District, Cochise County, Arizona, in Section 4-9 unapproved Township No. 17 S, Range No. 23 E, and designated as Survey No. 4006, 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 improvements made upon said mining claim by claimant or 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.

T.N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T.N. Stevens
U. S. Mineral Surveyor, before me a Notary Public
this 12th

day of April, 1926

E. J. Rick
Notary Public

My Commission expires Feb 27, 1930.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,
PUBLIC SURVEY OFFICE,

Phoenix, Arizona.

May 18, 1926.

I, U. S. Surveyor-General for 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

James R. Hubbard

known as the RAINBOW lode

situate in Dragoon

Mining District, Cochise County, Arizona

in Section 4-9 Unapp'd Township No. 17 S., Range No. 23 E., and

designated as Survey No. 4006, 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 his grantors, and that said improvements consist of 3 shafts, 5 cuts and 1 trench, total value \$2080.

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.

John D. Adams

Office Cadastral Engineer.

United States Surveyor-General for

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

May 18, 1926

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

James R. Hubbard

, known as the

RAINBOW lode

situate in Dragoon mining district,

Cochise County, Arizona

in Sections 4 & 9, Unapp'd Township No. 17 S., Range No. 23 E.

, designated as Survey No. 4006

executed by T. N. Stevens, U. S. Mineral

Surveyor, March 16 - 18, 1926, under my instructions dated

March 9, 1926, 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.

Handwritten signature of the Office Cadastral Engineer, Phoenix, Arizona.