

Received
9/26/38

MINERAL SURVEY No. 4171

ARIZONA

Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Frank W. Ferguson and Joe Roberts

KNOWN AS THE

DEER LODGE EXTENSION

Humburg

Mining District,

Yavapai

County,

Arizona

Sections 6 and 7, Township 8 North, Range 18 East, G. & S. R. B. & M.

Surveyed under instructions dated August 18, 19 33

By Ralph L. Motz

U. S. Mineral Surveyor.

Claim located November 24, 19 30

Survey commenced August 21, 19 33

Survey completed August 21, 19 33

Address of claimant Frank W. Ferguson, Phoenix, Arizona.
738 E. McKinley Street.

DATES OF AMENDED LOCATIONS

July 25, 1933.

SURVEY NO. 4171

Mineral Survey No. 4171 was made with a Gurley & Sons Precise Transit with horizontal limb 6.25 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; the eye piece is equipped with a colored glass shade set in the dust shutter 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. An a.m. altitude observation of the sun for time and azimuth, and at noon on the meridian for latitude, were made at a point on line 3-4, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin steel tape 300 feet in length, graduated to feet, tenths and hundredths for entire length; and a Lufkin steel tape 150 feet in length, graduated to feet, tenths and hundredths; both tapes were compared with a Lufkin standard at the time of the beginning of 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° 50' E.

DEER LODGE EXTENSION.

Beginning at Cor. No. 1 of the Deer Lodge Extension lode, where I set a granite stone, 26x10x6 ins., 16 ins. in the ground, for Cor. No. 1, mkd. DLE-1-4171; from which

The Cor. of secs. 1 and 12, T 8 N, R 1 W, G & S R B & M; an iron post, 2 ins. diam., 12 ins. above ground, firmly set and marked, bears S. 63° 40' W., 348.8 ft. dist.

A monument of stones, 3 feet high with 3 feet base, bears 4 ft. in a northerly direction.

A granite rock in place, 11x21 ins., 25 ins. above ground, bears S. 70° 40' W., 47.8 ft. dist., mkd. X BR 1-4171

A granite rock in place, 16x30 ins., 5 ins. above ground, bears N. 15° 25' W., 19.3 ft. dist., mkd X BR 1-4171

Thence N. 10° 07' W.

- 900.0 S. E. Cor. of the Sunny South lode, unsurveyed.
- 1320.0 Center of Rock Wall Canyon, 20 feet wide, course S. 80° E.
- 1400.0 Center of Rock Wall Canyon, 20 feet wide, course S. 30° W.
- 1500.0 Cor. No. 2
Set a granite rock, 28x10x7 ins. 16 ins. in the ground, for Cor. No. 2, mkd. DLE-2-4171
No bearings available.
- Thence N. 79° 53' E.
- 92.0 Center of Rock Wall Canyon, 20 feet wide, course S. 30° W.
- 300.0 Original location for the north end center, being
a mound of stones, 3 feet high with 3 feet base.
- 600.0 Cor. No. 3
Identical with Cor. No. 3 of the Little Annie lode, Survey No. 4169.

A porphyry stone, 7x11 ins. 10 ins. above ground, mkd. LA-3-4169 which I additionally mark DLE-3-4171. No bearings available.

600.0 Cor. No. 2, Survey No. 4169 Little Annie lode.

1500.0 Cor. No. 4 Set a granite stone 28x11x7 ins., 16 ins. in the ground, for Cor. No. 4, mkd. DLE-4-4171; from which,

A monument of rocks 3 feet high, with 3 feet base, bears 4 feet in a northwesterly direction.

A granite ledge 20x32 ins. 31 ins. above ground, bears N. 20° 55' W., 29.9 ft. dist., mkd. X BR 4-4171

A granite ledge, 33x58 ins., 94 ins. above ground, bears S. 11° 11' W., 4.8 ft. dist., mkd. X B R 4-4171

thence S. 79° 53' W.

300.0 Original location for the south end center, being

a monument of rocks, 3 feet high, with 3 feet base.

330.0 Center of Rock Wall Canyon, 30 feet wide, course S. 20° W.

600.0 Cor. No. 1, and place of beginning.

LODE LINE.

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

N. 10° 07' W., 700 ft.; and, S. 10° 07' E., 800 ft.

AREA.

Total area, Deer Lodge Extension lode - - - - - 20.661 acres.

LOCATION.

This survey is located in the S.W.1/4 S.W.1/4 of Sec. 6, T.8 N., R.1 E. and N.W.1/4 N.W.1/4 of Sec. 7, T.8 N., R.1 E., G. & S.R.B. & M., in the Humbug Mining District, Yavapai County, Arizona.

The survey of the Deer Lodge Extension lode is identical with the amended location as marked on the ground.

EXPENDITURE OF \$500.

I certify that the value of the labor and improvements made upon the lode location of this survey, by the claimants of their grantors, is not less than \$500, and that said improvements consist of:

No. 1 The discovery shaft, the center of which being the discovery point, is on the lode line 700 ft. S. 10° 07' E. from the north end center; 4x6 ft., 8 ft. deep. Value \$35

No. 2 A shaft, the center of which bears S. 8° 04' W. 725 ft. from Cor. No. 3; 4x6 ft., 8 feet deep. Value \$35

No. 3 A cut, 4 feet wide, the mouth of which bears S. 4° 53' W. 694 ft. from Cor. No. 3; runs N. 51° E. 12 ft. to 10 ft. face. Value \$35

not his

No. 4

A cut, 5 ft. wide, the mouth of which bears S. 15° 23' W. 501 ft. from Cor. No. 3, runs N. 41° E. 26 ft. to 10 ft. face and portal of tunnel 5x7 ft. in size, running N. 41° E. 75 ft. to breast.
Value of cut and tunnel, \$ 880

OTHER IMPROVEMENTS.

A cut, 6 ft. wide, the mouth of which bears S. 17° 30' W. 450 ft. from Cor. No. 3; runs East 10 ft. to 8 ft. face

A cut, 5 ft. wide, the mouth of which bears S. 11° 10' W. 578 ft. from Cor. No. 3, runs N. 20° E. 18 ft. to 10 ft. face and portal of tunnel 5x6 ft. in size, running N. 20° E. 27 ft. to breast.

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by Ralph L. Motz

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

Frank W. Ferguson and Joe Roberts

known as the Deer Lodge Extension lode

and showing the respective capacities in which they acted.

Edwin J. Rowley, Chainman.

....., Chainman.

Salvador Espinoza, Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS

We, Edwin J. Rowley

and Salvador Espinoza, 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 Frank W. Ferguson and Joe Roberts

known as the Deer Lodge Extension 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 instruc-

tions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

Edwin J. Rowley, Chainman.

....., Chainman.

Salvador Espinoza, Axman.

....., Flagman

Subscribed and sworn to by the above-named persons before me this 21st

day of August, 19 33

Mary Pesseny
Notary Public, in and for the
County of Maricopa
State of Arizona

My commission expires July 22-1936

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 August 18, 1933. 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 Frank W. Ferguson and Joe Roberts, known as the Deer Lodge Extension, situate in Humbug Mining District, Yavapai County, Arizona, in Section 6 & 7, Township No. 8 N, Range No. 1 E, G & S R. B. & M, and designated as Survey No. 4171, 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 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.



Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me M. Simpson
Notary Public this 22nd
day of September, 1933

M. Simpson
Notary Public, in and for the County
of Gochise, State of Arizona.
My Commission Expires August 9, 1937.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES 10

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

October 12, 1933

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 Frank W. Ferguson

and Joe Roberts

known as the DEER LODGE EXTENSION lode

situate in Humbug

Mining District Yavapai County Arizona

in Sections 6 and 7, Township No. 8 N., Range No. 1 E., G. & SR. B. & M., and

designated as Survey No. 4171, 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 claimants Frank W. Ferguson and Joe Roberts or their grantors,

and that said improvements consist of

Two Shafts, Two Cuts, and One Tunnel

Total value \$985.00

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.

Sherman C. Fiske

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

October 12, 1933

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 Frank W. Ferguson and

Joe Roberts

, known as the

DEER LODGE EXTENSION lode

situate in Humbug mining district,

Yavapai County, Arizona

in Sections 6 and 7, Township No. 8 North, Range No. 1 East

G. & SR. B. & M., designated as Survey No. 4171

executed by Ralph L. Motz, U. S. Mineral

Surveyor, August 21, 1933, under my instructions dated

August 18, 1933, 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 C. Fiske
Sherman C. Fiske

Acting Office Cadastral Engineer.