

MINERAL SURVEY No. 4169

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J.T. Stockdale

KNOWN AS THE

LITTLE ANNIE

Humbug Mining District,

Yavapai County, Arizona

Section 6, Township 8 North, Range 1 East
G. & S.R. B. & M.

Surveyed under instructions dated August 16, 1933.

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

Claim located February 4, 1932

Survey commenced August 17, 1933

Survey completed August 18, 1933

Address of claimant 1340 E. 5th St., Tucson, Ariz.
(October 2, 1933.)

DATES OF AMENDED LOCATIONS

SURVEY NO. 4169

Feet

Mineral Survey No. 4169 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. An a. m. altitude observation of the sun for time and azimuth, and at noon on the meridian for latitude, were made at Cor. No. 2, 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 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° 50' E.

LITTLE ANNIE

Beginning at Cor. No. 1 of the Little Annie lode, where I

Set a pegmatite rock 28x8x5 ins., 16 inches in the ground, for Cor. No. 1, marked LA-1-4169; from which

The 1/4 Cor. between Secs. 6 and 7, T.8 N., R.1 E., G. & S.R.B. & M; an iron post, 1 in. diam., 12 inches above ground, firmly set, with brass cap properly marked, bears S. 26° 30' E., 821.3 ft. dist.

A monument of rocks 3 feet high, with 3 feet base, bears 4 ft. northwesterly.

A pegmatite rock 15x16 ins., 12 inches above ground, bears S. 72° 05' W., 11.3 ft., marked BR X 1/4169

A granite ledge 11x24 ins., 13 inches above ground, bears N. 4° 30' E., 11.3 ft., marked X BR 1-4169

Thence S. 79° 53' W.

1500.0 Cor. No. 2

Set a granite rock 28x6x8 ins., 16 inches in the ground, for Cor. No. 2, marked LA-2-4169; from which

A granite rock 19x25 ins., 9 inches above ground, bears N. 10° 07' W., 8.0 ft., marked X BR 2-4169

A granite rock in-place 29x13 ins., 10 inches above ground bears N 71° 55' E., 11.0 ft., marked x BR 2-4169

Thence N. 10° 07' W.

300.0 Original location for the west end center, being

A mound of stones 3 feet high with 3 feet base.

600.0 Cor. No. 3

Set a perphyry stone 26x7x11 ins., 16 ins. in the ground, for Cor. No. 3, mkd. LA-3-4169

Feet

- Identical with Cor.No. 3, Survey No. 4171 Deer Lodge Extension lode.
- No bearings available.
- Thence N. 79° 53' E.
- 700.0 To S. E. Cor., Big Canary lode, unsurveyed, C. L. Orem, claimant
- 1500.0 Cor. No. 4
- Set a granite rock, 28x9x6 ins., 16 inches in the ground, for Cor. No. 4, mkd. LA-4-4169.
- No bearings available.
- Thence S. 10° 07' E.
- 300.0 To original location for the east end center, being a monument of rocks 3 feet high with 3 feet base,
- 600.0 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:-

S. 79° 53' W, 300.0 ft., and N. 79° 53' E, 1200.0 ft.

AREA

Total area, Little Annie lode - 20.661 acres

Location

This survey is located in the S 1/2 S W 1/4 of Sec. 6, T. 8 N, R. 1 E, G. & S. R. B. & M.

The survey of the Little Annie lode is identical with the original 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 claimant or his grantors, is not less than \$500, and that said improvements consist of:-

- No. 1 Discovery winze in old tunnel, winze 4x6 ft., 10 ft. deep, center of which being discovery point is on lode line N 79° 53' E. 300.0 ft. from the west end center.
Value \$50
- No. 2 A cut, 4 feet wide, the mouth of which bears from west end center S. 46° 30' E. 8.0 ft.; runs N. 46° E. 17.0 ft. to 10 ft. face and portal of tunnel 4 x 6 ft. in size running N. 71° E. 10 ft. to breast.
Value of open cut and tunnel, \$ 125
- No. 3 A trench, the west end of which bears N. 57° 08' E. 30.0 ft. from the west end center, 2 ft. wide, 4 ft. deep, running N. 75° E. 250 ft.
Value \$ 250
- No. 4 A cut, 6 ft. wide, the mouth of which bears N. 83° 37' E. 172.0 ft. from the west end center; runs N. 75° E. 32.0 ft. to a 15 ft. face and portal of tunnel 4x6 ft. in size, running N. 63° E. 63.0

ft. to breast.

Value of open cut and tunnel, \$ 950

No. 5

A cut, 4 ft. wide, the mouth of which bears N. 76° 37' E. 302.0 ft. from the west end center, running N. 75° 30' E. 16 ft. to a 12 ft. face and portal of tunnel, 4x6^{ft} in size running N. 75° 30' E. 62 ft. to breast.

Value of open cut and tunnel, \$ 780

No. 6

A cut, 4 ft. wide, the mouth of which bears 342 ft. on center line from the west end center; running N. 74° 30' E. 16 ft. to a 10 ft. face and portal of tunnel, 4x6 ft. in size, running N. 74° 30' E. 15 ft. to breast.

Value of open cut and tunnel, \$ 150

No. 7

A cut, 8 ft. wide, the mouth of which bears 384 ft. on center line from the west end center; running N. 77° E. 16 ft. to a 10 ft. face and portal of tunnel, 4 x 7 ft. in size, running N. 75° E. 42.0 ft., N. 78° E. 17.0 ft., and N. 61° E. 29.0 ft. to breast, Upraise at breast 4x6 ft. in size, 25.0 ft. high.

Value of open cut, tunnel and upraise \$ 1450

No. 8

A cut, 4 ft. wide, the mouth of which bears N. 78° E. 475.0 ft. from the west end center, runs N. 73° 30' E. 30 ft. to a 22 ft. face and portal of tunnel 4x10 ft. in size, running N. 73° 30' E. 12.0 ft. thence tunnel 4 x 6 ft. in size, running N. 73° 30' E. 26.0 ft. to breast. At 9 ft. back from breast is a winze 4x6 ft. in size, 10 ft. deep. The last 26 ft. of tunnel and the winze is new work.

Value of new tunnel and winze \$ 360

OTHER IMPROVEMENTS.

See No. 8 above.

Open cut and tunnel, bears from west end center on lode line 790.0 ft. Extensive workings, now caved.

FINAL OATHS FOR SURVEYS

LIST OF NAMES

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

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 _____

J. T. Stockdale

known as the Little Annie 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. Mtz

_____, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of J. T. Stockdale

known as the Little Abnie 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 Pessary

Notary Public, in and for the

My commission expires July 22-1936 County of Maricopa State of Arizona 6-1048

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 16, 1933,
I have, in strict conformity to the laws of the United States, the official regulations and instruc-
tions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly
executed the survey of the Mining Claim of J. T. Stockdale
....., known as the
Little Annie
situate in Humbug Mining District,
Yavapai County, Arizona, in Section
6, Township No. 8 N, Range No. 1 E, G & S R B & M
and designated as Survey No. 4169, 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 certifi-
cate, 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 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.



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 Cochise, State of Arizona.

GOVERNMENT PRINTING OFFICE

My Commission Expires August 9, 1937.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

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 J. T. Stockdale

known as the Little Annie lode

situate in Humburg

Mining District Yavapai County Arizona

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

designated as Survey No. 4169, 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 J. T. Stockdale or his grantors,

and that said improvements consist of 2 winzes, 5 cuts, 1 trench, 6 tunnels, and 1 upraise

Total Value \$4,115.00

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 Acting 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 _____

J. T. Stockdale

_____, known as the

Little Annie lode

situate in _____ Humbug mining district,

Yavapai County, Arizona

in Section 6, Township No. 8 North, Range No. 1 East

G. & S. R. B. & M., designated as Survey No. 4169

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

Surveyor, August 17 & 18, 1933, under my instructions dated

August 16, 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.