

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4331

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claims Of

Fred W. Fickett

Known As The

Fries No. 1 and Fries No. 2

Pima Mining District,

Pima County, Arizona

Sections 10 and 15, Township 17 South, Range 12 East, G. & S.R.M.

Surveyed under instructions dated July 14, 1948

by Harlow D. Phelps
U. S. Mineral Surveyor.

Claim located July 2, 1945

Survey commenced July 26, 1948

Survey completed September 7, 1948

Address of claimant P.O. Box 2568, Tucson, Arizona

DATES OF AMENDED LOCATIONS

September 22, 1945 and May 18, 1948

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 411

Arizona Land District

FIELD NOTES

Of The Survey Of The Mining District

Trona, Utah

Known As The

Trona, Utah

Mining District

County, Utah

Section 11 and 12, Township 34 North, Range 12 West, T. 34 N., R. 12 W.

Surveyed under instructions dated July 14, 1918

by Harry D. Harris
U. S. Mineral Surveyor

Claim located July 15, 1918

Survey commenced July 22, 1918

Survey completed September 7, 1918

Address of claimant E. O. Fox, Trona, Utah

DATES OF AMENDED LOCATIONS

September 15, 1918 and May 18, 1918

SURVEY NO. 4331

1.

This survey was made with a Gurley No. 92 Precise transit No. 241014, with horizontal limb 5.65 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; also two attachable eye pieces, both equipped with colored glass shade set in the dust shutter and one equipped with a prism, for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observations:

August 28, 1948 at cor. No. 3 of the Fries No. 1 lode of this survey, in latitude $31^{\circ} 57' 30''$ N., and longitude $111^{\circ} 06' W.$ I made a series of eight altitude observations upon the sun for azimuth at approximately equal time intervals, four each with telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from a reference point at cor. No. 2 of the Fries No. 1 lode, 1500 ft. southwest NE to sun.

Mean time of observation, 105th
meridian standard time - - - - - = 7h 11m a.m.
Declination of sun at mean time
of observation - - - - - = $9^{\circ} 37' 32''$ N.
Mean observed vertical angle to
sun's center - - - - - = $14^{\circ} 44' 37\frac{1}{2}''$
Mean horizontal angle, clockwise,
from reference point to sun's
center - - - - - = $202^{\circ} 35' 37\frac{1}{2}''$ NE.
True bearing of reference point = S. $65^{\circ} 06' W.$

The lines were measured with a Lufkin steel tape 500 ft. in length, graduated every foot for the entire length, each end foot being graduated to tenths and hundredths; the tape was compared with a Lufkin standard at a time before the beginning of the survey and found to be correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $14^{\circ} 45' E.$

SURVEY NO. 4331

Feet

FRIES NO. 1 LODE

Begin at cor. No. 1 of the Fries No. 1 lode, identical with cor. No. 4 Sur. No. 4048 Contention lode.

An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap mkd. M. Sur. 4048-4-C, and additionally mkd. U.S.M.S. X F No. 1-1-4331; from which

The cor. of secs. 9, 10, 15 and 16, T. 17 S., R. 12 E., G. & S.R.M., bears N. $82^{\circ} 41' W.$, 2507.0 ft. dist.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set in mound of stone with leaden cap mkd. S 9-10-15-16, T. 17 S., R. 12 E.

No local bearing objects or bearing trees available.

Thence S. $12^{\circ} 19' E.$

90.3

Cor. No. 4 of the Fries No. 2 lode of this survey.

2.

Survey No. 4331

Feet	
165.	Wash, 40 ft. wide, course S. 45° E.
300.	Point on lode line, marked by a wooden post 2 ins. by 4 ins., 4 ft. high, and in mound of stone. Discovery point bears N. 65° 06' E., 280 ft. dist.
390.3	The east end center, Fries No. 2 lode, of this survey,
435	Center line of wash, 90 ft. wide, course N. 10° E.
600.0	Cor. No. 2. An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap which I mark U.S.M.S. X F. No. 1-2-4331. No local bearing objects or bearing trees available. Thence N. 65° 06' E.
1060.	Center line of wash, 80 ft. wide, course S. 85° E.
1500.0	Cor. No. 3, identical with cor. No. 4, Sur. No. 4048 Camden No. 2 lode. An iron post, 2 ins. diam., 18 ins. above ground, and in mound of stone, with leaden cap mkd. 4-C No. 2- M.S. 4048 and additionally mkd. U.S.M.S. X F. No. 1-3-4331. No local bearing objects or bearing trees available. Thence N. 12° 19' W.
175.	Road to Tit for Tat lode and Twin Butte road, bears west and east.
300.	Point on lode line, marked by a wooden post 2 ins. by 4 ins., 4 ft. high, and in mound of stone. Discovery point bears S. 65° 06' W., 1220 ft. dist.
600.0	Cor. No. 4, identical with cor. Nos. 1, 3 and 4, Sur. No. 4048 Contention, Camden No. 2 and Prosperity lodes, respectively. An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap mkd. 1 C-3 Cam No. 2-4 P-4048, and additionally mkd. U.S.M.S. X F. No. 1-4-4331. No local bearing objects or bearing trees available.
800.	Road, to Tit for Tat lode and Twin Butte road, bears N. 75° W. and S. 75° E.
1500.0	Cor. No. 1, and place of beginning.

FRIES NO. 2 LODE

Beginning at Cor. No. 1 of the Fries No. 2 lode, identical with Cor. No. 4 Sur. No. 4048 Tit for Tat lode.

An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap mkd. 4 TTF M.S. 4048 and additionally mkd. U.S.M.S. X F. No. 2-1-4331; from which

	The cor. of secs. 9, 10, 15 and 16, T. 17 S., R. 12 E., bears N. 47° 51' W., 1541.6 ft.
	No local bearing objects or bearing trees available.
	Thence S. 12° 19' E.
300.	A point on the lode line, marked by a wooden post 2 ins. by 4 ins., 4 ft. high, and in mound of stone. The discovery point bears N. 65° 17' W., 1260 ft. dist.
400.	Center line of wash, 40 ft. wide, course N. 80° E.
600.0	Cor. No. 2.
	An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap which I mark U.S.M.S. X F. No. 2-2-4331.
	No local bearing objects or bearing trees available.
	Thence N. 65° 17' E.
1020	Center line of wash, 24 ft. wide, course N. 15° E.
1500.0	Cor. No. 3.
	An iron post, 2 ins. diam., 24 ins. above ground, and in mound of stone, with leaden cap which I mark U.S.M.S. X F. No. 2-3-4331.
	No local bearing objects or bearing trees available.
	Thence N. 12° 19' W.
90.3	Cor. No. 2 of the Fries No. 1 lode of this survey.
255.	Wash.
300.	A point on the lode line, marked by a wooden post, 2 ins. by 4 ins., 4 ft. high, and in mound of stone. The discovery point bears N. 65° 17' W., 240 ft. dist.
390.3	The west end center of the Fries No. 1 lode.
525	Wash.
600.0	Cor. No. 4, identical with cor. No. 1 Sur. No. 4048 Tit for Tat lode.
	An iron post, 2 ins. diam., 20 ins. above ground, and in mound of stone, with leaden cap mkd. 1 TFT M.S. 4048 and additionally mkd. U.S.M.S. X F. No. 2-4-4331.
	No local bearing objects or bearing trees available.
	Thence S. 65° 17' W.
80.	Center line of wash, 40 ft. wide, course S. 45° E.
1500.0	Cor. No. 1, and place of beginning.

AREAS

	Acres
Total area, Fries No. 1 lode - - - - -	20.165
Total area, Fries No. 2 lode - - - - -	20.179

LOCATION

This survey is located in the SE $\frac{1}{4}$ sec. 10, NE $\frac{1}{4}$ sec. 15, and the NW $\frac{1}{4}$ Sec. 15 of T. 17 S., R. 12 E., G. & S.R.M., Arizona.

The survey of the Fries No. 1 and Fries No. 2 lodes is identical with the respective amended locations as marked on the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or his grantors are as follows:

- No. 1 The discovery cut of the Fries No. 1 lode, the face of which being the discovery point is on the lode line, N. 65° 06' E., 280 ft. from a point on line 1-2, 300 ft. from cor. No. 1, 5 ft. wide, 12 ft. face, runs N. 65° E., 17 ft. to face.
Value, \$100.
- No. 1 The discovery shaft of the Fries No. 2 lode, the center of which being the discovery point is on the lode line, 240 ft. from a point on line 3-4, 300 ft. from cor. No. 3, 4 $\frac{1}{2}$ x 6 $\frac{1}{2}$ ft., 10 ft. deep.
Value, \$100.

An interest in a common improvement described as follows:

An incline shaft 4 $\frac{1}{2}$ x 6 $\frac{1}{2}$ ft. in size, 20 ft. deep, the center of which bears S. 33° E., 210 ft. from cor. No. 1 Fries No. 1 lode; dip 80° S., all timbered, two compartments newly constructed with bolts and tie rods and plank sidings.

Value, \$1000.

Value of one-half interest, \$500.

This improvement is in course of construction for the development of the two lodes of this survey, which are the only contiguous lode claims owned in common within the range of benefit of said shaft. The construction of this shaft, with the necessary tunnels, laterals and drifts, affords the most practical and economical means of developing each of the stated lodes at depth.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to location and to the time since which common ownership and contiguity have prevailed; therefore an undivided half interest in its value is hereby credited to each of said lodes.

No portion of an interest in this improvement has been credited heretofore as patent expenditure to any lode claim.

OTHER IMPROVEMENTS

A cut 4 ft. wide, the face of which bears S. 38° E., 275 ft. from cor. No. 1 Fries No. 1 lode; runs N. 60° E., 12 ft. to 8 ft. face.

A cut 4 ft. wide, the face of which bears S. 40° E., 255 ft. from cor. No. 1 Fries No. 1 lode; runs N. 60° E., 14 ft. to 8 ft. face.

A well 4 x 6 ft., 30 ft. deep, covered and timbered,

Survey No. 4331

bears N. 41° E., 215 ft. from cor. No. 2 Fries No. 1 lode.

An old timbered shaft 4 x 6 ft., depth unknown, the center of which bears N. 24° W., 265 ft. from cor. No. 3 Fries No. 1 lode.

A shaft 4 x 12 ft., 7 ft. deep, the east end of which bears N. 66° W., 300 ft. from cor. No. 2 Fries No. 1 lode.

An incline shaft 5 x 10 ft., dip 32° W., 30 ft. deep on incline measurement, bears N. 77° W., 385 ft. from cor. No. 2 Fries No. 1 lode.

Claimant of each unknown.

SUPPLEMENTAL DATA

The N. $\frac{1}{4}$ cor. of sec. 15, T. 17 S., R. 12 E., G. & S.R. M., could not be found after a careful investigation and diligent search. A tie was therefore made to the corner of secs. 9, 10, 15 and 16, T. 17 S., R. 12 E., which had been previously established, recognized and used for the exact location of the original corner.

The corner posts of the Fries No. 1 and 2 lode claims had been set by a previous survey. All the lines and corners as found are correctly located.

FIELD ASSISTANTS

Name	Capacity
Karl H. Partenheimer	Chainman
Arthur R. Still	Chainman

EXHIBIT

1. The first of the two boxes was found on the floor of the room on the second floor of the building. It was found in a room which was used as a storage room for the building. The box was found in a room which was used as a storage room for the building. The box was found in a room which was used as a storage room for the building.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, Harlow D. Phelps, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona., dated July 14, 1948.
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 _____
Fred W. Fickett, known as the
Fries No. 1 and Fries No. 2,
situate in Pima Mining District,
Pima County, Arizona., in Sections
10 and 15, Township No. 17 S., Range No. 12 E., G. & S.R.M.
and designated as Survey No. 4331, 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 included
in the estimate of expenditures upon any other claim.

Harlow D. Phelps
(Mineral Surveyor)

Subscribed and sworn to by the said Harlow D. Phelps

Mineral Surveyor, before me Erena D. Sarnberger

this 15th

day of September, 1948.

Erena D. Sarnberger
Notary Public
Pima County, Arizona

*My Commission expires
August 10, 1950.*

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE Bureau of Land Management PUBLIC SURVEY OFFICE

At Phoenix, Arizona

October 18, 19 48

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 Fred W. Fickett

, known as the Fries No. 1 and Fries No. 2

situate in Pima mining district, Pima County, Arizona

in Section s 10 and 15, Township No. 17 South, Range No. 12 East

G. & S.R.M., designated as Survey No. 4331

executed by Harlow D. Phelps, Mineral

Surveyor, July 26 to September 7, 1948, under my instructions dated

July 14, 19 48, 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.

Frank M. Chapin Office Cadastral Engineer.

