

April 1, 1922  
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4-683

MINERAL SURVEY No. 3974

Arizona. Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

St Anthony Mining and Development Co.

KNOWN AS THE

MANANA, QUIEN SABE, FORD and FORD FRACTION lodes.

Old Hat Mining District,

Pinal County, Arizona.

Section 26, Township 8 S., Range 16 E.

Surveyed under instructions dated December 15, 1924

by T. N. Stearns  
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced February 5, 1925

Survey completed February 9, 19 25

Address of claimant R.W. Langworthy, Box 45, Tucson, Arizona.

Atty. for claimant.

DATES OF AMENDED LOCATIONS.

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Feet.	MINERAL SURVEY NO. 3974
	MANANA Lode.
	Beginning at Cor. No.1, identical with Loc. Mon. and Cor. No.2 Quien Sabe lode of this Sur.
	An iron pipe 1 in. diam. with cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 1 M, 2 Q S - 3974 with md of stone alongside, whence the 1/4 Cor. bet. Secs. 26 - 27 T. 8 S. R. 16 E. brs. S. 26° 41' 40" W., 2085.26 ft.
	No other bearings are available.
	Thence N. 45° 05' E. Va. 13°30' E.
300.0	To W. end center. identical with Loc. Mon.
	A pine post 4 ins. sq 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 W. Cr. M.
600.0	To Cor. No.2, 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 2 M - 3974
	No bearings are available.
	Thence S. 45°05' E. Va. 13°30' E.
1493.86	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 M - 3974
	No bearings are available.
	Thence S. 45° 05' W. Va. 13°30' E.
300.0	To E. end center, identical with Loc. Mon.
	A pine post 4 ins. sq. 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 E. Cr. M.
600.0	To Cor. No.4, identical with Loc. Mon. and Cor. Nos 2 and 3 , Ford and Quien Sabe lodes respectively of this Sur.
	An iron pipe 1 in. diam. with cap on top, 18 ins. above ground , set 18 ins. in the ground, stamped 4 M, 2 F, 3 Q S - 3974 with md of stone alongside.
	No bearings are available.



Feet.	MINERAL SURVEY NO. 3974
	MANANA Lode - Cont' d.
	Thence N. 45° 05' W. Va. 13°30' E.
1493.86	To Cor. No.1, the place of beginning.
	QUIEN SABLE Lode.
	Beginning at Cor. No.1, identical with Loc. Mon. and Cor. No.2 Sur. No.3973 Remnant Extension lode, and Cor. No.3 Sur. No.807 Remnant lode.
	An iron pipe 1 in. diam. with cap on top, 18 ins. above ground set 18 ins. in the ground, stamped 1 Q S - 3974, 2 R E - 3973 and 3 R - 807. with md of stone alongside, whence the 1/4 Cor. bet Secs 26 27 T. 8 S. R. 16 E. brs. S. 19° 34' 30" W., 1527.7 ft.
	No other bearings are available.
	Thence N. 45° 05' E. Va. 13°30' E.
300.0	To W. end center, identical with Loc. Mon.
	A pine post 4 ins. sq. 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 W. Cr. Q S.
600.0	To Cor. No. 2, identical with Loc. Mon. and Cor. No.1 Manana lode of this Sur., heretofore described.
	Thence S. 45° 05' E. Va. 13°30' E.
1493.86	To Cor. No.3, identical with Loc. Mon. and Cor. Nos. 4 and 2 Manana and Ford lodes respectively of this Sur., heretofore described.
	Thence S. 45°05' W. Va. 13°30' E.
300.0	to E. end center, identical with W. end center Ford lode of this Sur.
	A pine post 4 ins. sq 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 E. Cr. Q S, W Cr. F.
600.0	To Cor. No.4, identical with Loc. Mgn. and Cor. Nos. 1 and 2 Ford and Ford Fraction lodes respectively of this Sur. and Cor. No.2 Sur. No.807 Remnant lode .



Feet.	MINERAL SURVEY No. 3974
	QUIEN SABE LODE - Cont'd.
	An iron pipe 1 in. diam. with cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 4 Q S., 1 F, 2 FF - 3974, 2R -807 with md of stone alongside.
	No bearings are available.
	Thence N. 45° 05' W. Va. 13°30' E.
1493.86	To Cor. No.1, the place of beginning.
	FORD Lode.
	Beginning at Cor. No.1, identical with Loc. Mon. and Cor. Nos. 4-2 Quien Sabe and Ford Fraction lodes respectively of this Sur. and Cor. No.2 Sur. No.807 Remnant lode, heretofore described., whence the 1/4 Cor. bet. Secs. 26 - 27, T. 8 S. R. 16 E. brs. S. 76° 14' W., 1616.2 ft.
	Thence N. 45°05' E. Va. 13°30' E.
300.0	To W. end center, identical with E. end center Quien Sabe lode of this Sur., heretofore described.
600.0	To Cor. No.2, identical with Loc. Mon. and Cor. Nos 4 and 3 Manana and Quien Sabe Lodes respectively of this Sur., heretofore described.
	Thence S. 45°02' E. Va. 13°30' E.
1495.2	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 F - 3974, with md of stone alongside.
	No bearings are available.
	Thence S. 45° 05' W. Va. 13°30' E.
300.0	To E. end center, identical with Loc. Mon.
	A pine post 3 ins. sq. 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 E. Cr. F.
600.0	To Cor. No.4, identical with Loc. Mon. and Cor. No.3, Ford Fraction lode of this Sur.

Feet.

## MINERAL SURVEY NO. 3974

FORD Lode - Cont'd.

An iron pipe 1 in. diam. with cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 4 F, 3 F F - 3974. with md of stone alongside.

No bearings are available.

Thence N. 45° 02' W.

Va. 13°30' E.

1495.2

To Cor. No. 1, the place of beginning.

## FORD FRACTION Lode.

Beginning at Cor. No.1, identical with Loc. Mon. and on line 1-2 Sur. No.2999 Rooster lode, claimant unknown at S. 75° 26' W., 387.15 ft. from Cor. No.2 and N. 75° 26' E., 213.25 ft. from Cor. No.1

Also on line 2-6 Sur. No.807 Remnant lode at N.45°05' E., 184.24 ft. from Cor. No.6 and S. 45° 05' W., 422.73 ft. from Cor. No.2.

An iron pipe 1 in. diam. with cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 1 F F - 3974 with md of stone alongside., whence the 1/4 Cor. bet. Secs. 26 - 27 T. 8 S. R. 16 E., brs. S. 86° 07' 40" W., 1273.34 ft.

No other bearings are available..

Thence N. 45° 05' E.

Va. 13°30' E.

212.43

To W. end center, identical with Loc. Mon. and

A pine post 4 ins. sq 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 W. Cr. F F .

422.73

To Cor. No.2, identical with Loc. Mon. and Cor. Nos. 4 and 1 Quien Sabe and Ford lodes respectively of this Sur. and Cor. No.2 Sur. No.807 Remnant lode, heretofore described.

Cor. No.2 Sur. No.2999 Rooster lode brs. S. 20°32'30" E., 214.77 ft.

Thence S. 45° 02' E.

Va. 13°30' E.

1495.2

To Cor. No.3, identical with Loc. Mon. and Cor. No.4 Ford lode of this Sur., heretofore described.

Thence S. 45° 05' W.

Va. 13°30' E.



Feet. MINERAL SURVEY NO. 3974  
 FORD FRACTION Lode. - Cont'd.

89.75 Intersect line 2-3 Sur. No.2999 Rooster lode at S. 45° E. 1299.56 ft. from Cor. No.2 and N. 45° W., 200.44 ft. from Cor. No.3 .

210.3 To E. end center, identical with Loc. Mon. and  
 A pine post 3 ins. sq 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 E. Cr. FF .

422.73 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 F F - 3974, with md of stone alongside.

No bearings are available.

Thence N. 45° 02' W.  
 Va. 13°30' E.

1495.2 To Cor. No.1, the place of beginning.

LODE LINES.

As near as can be determined from the present developments, the veins of the several locations embraced in this claim, extend as follows from their respective discovery points:-

- Manana lode, 130.0 ft. S.45°05' E., and 1363.86 ft. N. 45° 05 ' W.
- Quien Sabe lode, 425.0<sup>ft.</sup> S. 45° 05' E., and 1068.86 ft. N.45°05' W.
- Ford lode, 400.0 ft. N. 45° 02' W., and 1095.2 ft. S. 45° 02' E.
- Ford Fraction lode, 60 ft. N. 45° 02' W., and 1435.2 ft.S.45°02' E.

AREA.

	Acres
Total area Manana lode -----	20.577 ✓
Total area Quien Sabe lode -----	20.577 ✓
Total area Ford lode -----	20.595 ✓
Total area Ford Fraction lode -----	14.510 ✓
Area in conflict with, Sur. No.2999 Rooster lode -----	10.694

The survey of each lode of this location is identical with the respective locations as staked upon the ground.

LOCATION.

This survey is located in Sec. 26, T. 8 S. R. 16 E.,  
 G. & S. R. M.



## MINERAL SURVEY NO. 3974

## EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

## MANANA Lode.

No.1, the discovery cut, on the center line 130 ft. from the center of line 3-4, 4 1/2 ft. wide, 8 ft. face running N. 45° W., 15 ft. to face.

Value \$100.0

No. 2 A shaft, the center of which brs. from Cor. No.4 N. 4° 30' E. 600.0 ft., 4 x 6 ft. 10 ft. deep.

Value \$100.0

No.3 A shaft, the center of which brs. from Cor. No.4 N. 12° W., 740.0ft 4 x 6 ft., 25 ft. deep.

Value \$250.0

No.4 A tunnel, the mouth of which brs. from Cor. No.4 N. 17° W., 800.0ft 4 x 6 ft. running N. 64° E., 30 ft. to face.,

Value \$300.0

## QUIEN SABE Lode.

No. 1, The discovery point on the center line, 425 ft. from the center of line 3-4. A md. of stone on cropping.

No value.

No.2 A tunnel, the mouth of which brs. from Cor. No.4 N. 12°30' W., 510. ft. 4 x 6 ft. running S. 64°15' E., 100 ft. to face.

Value \$1000.0

No.3 A tunnel, the mouth of which brs. from Cor. No.4 N.23° W., 550.0 ft. 4 x 6 ft. running N. 48°30' W., 50.0 ft. to face.

Value \$500.0

No.4 A shaft, the center of which brs. from Cor. No.3 N. 79°30'W., 280.0 ft. 4 x 6 ft. 8 ft. deep.

Value \$80.0

No.5 A cut, the mouth of which brs. from Cor. No.3 S.75°30' W., 250.0 ft. 4 1/2 ft. wide, 8 ft. face running S. 45° E., 12 ft. to face.

Value \$80.0

No.6 A cut, the mouth of which brs. from Cor. No.3 S. 84° 30' W., 200.0 ft. 4 1/2 ft. wide, 8 ft. face, running S. 45° E., 12 ft. to face.

Value \$ 80.00



## MINERAL SURVEY No. 3974

## EXPENDITURE OF FIVE HUNDRED DOLLARS. - Cont'd.

## QUIEN SABE Lode - Cont'd.

No. 7 A shaft, the center of which brs. from Cor. No. 3 S 64°15' W.,  
160.0~~ft.~~ 4 x 6 ft. 8 ft. deep.

Value \$80.0

## FORD Lode.

No. 1 The discovery point on the center line 400 ft. from the center  
of line 1-2, A md of stone on cropping.

No value.

No. 2 A tunnel, the mouth of which brs. from Cor. No. 1 S. 83°45' E.,  
530.0 ft. 4 x 6 ft. running S. 77° 45' W., 75 ft. to face.

Value \$750.0

No. 3 A shaft, the center of which brs. from Cor. No. 1 S. 79° E.,  
450.0~~ft.~~ 4 x 6 ft. 20 ft. deep.

Value \$200.0

No. 4 A shaft, the center of which brs. from Cor. No. 1, S. 71° 30' E.  
380.0 ft. 4 x 6 ft. 30 ft. deep.

Value \$300.0

No. 5 A shaft, the center of which brs. from Cor. No. 1 S. 86° E.,  
210.0 ft. 4 x 6 ft. 10 ft. deep.

Value \$100.0

## FORD FRACTION Lode.

No. 1, the discovery shaft, on the lode line, 60 ft. from a point  
on line 1-2 at N. 45° 02' E., 212.43 ft. from Cor. No. 1  
4 x 6 ft. 10 ft. deep.

Value \$100.0

No. 2 A tunnel, the mouth of which brs. from Cor. No. 2 S. 33° W.,  
205 ft. 4 x 6 ft. running S. 56° W., 50 ft. to face.

Value \$500.0

## 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 each location of this claim was run directly upon  
the ground, and the courses were established by running around the  
claims. All tie lines were run directly upon the ground.

The 1/4 Cor. bet. Secs. 26 - 27, T. 8 S. R. 16 E. is an oak post



## MINERAL SURVEY NO. 3974

## REPORT - Cont'd.

4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with  
md of stone; scribed 1/4 S. 26, S 27, T. 8 S. R. 16 E.

This is the nearest standing corner of the public survey that can  
be found or identified. A diligent search was made for the N. W.  
Cor. and the N. 1/4 Cor. Sec. 26 but I failed to find any evidence of  
same.

Cor. Nos 2 and 3 Sur. No.2999 Rooster lode, consist of pine posts  
4 ins. sq. by 4 ft. high, properly set and scribed with the number of  
the corner and the survey. Cor. No.1 was badly decayed, I set an iron  
pipe in the exact position of the original Cor. stamped with the ~~num~~  
number of the corner and the survey.

Line 1-2 fails to furnish the course and distance as approved  
( N.75°35' E., 600.0 ft) and same is properly given in these field  
notes.

Sur. No.807 Remnant lode, all corners are pine posts set in mds. of  
stone and scribed with the number of the corner and the survey .

Cor. Nos. 2 and 3 were in very badly decayed condition, I set iron  
pipe 1 in. diam. 18 ins. above ground in the exact position of the  
original corners, stamped with the number of the corner and the  
survey. Lines 2-3 and 6 - 2 fail to furnish the courses and  
distances as approved ( N.45°W 1500 ft. and N.45° E. 600ft) and  
same are properly given in these field notes.

The location notice of the Ford Fraction describes a  
full claim. My survey is identical with the monuments  
on the ground; apparently the location notice is in error  
in this respect.

## ADJOINING CLAIMS.

On the East -- Sur. No. 2999 Rooster lode.

On the South - Sur. No. 2999 Rooster lode and Sur. No.807 Remnant  
lode.

No other adjoining or conflicting claims known.

## SOLAR OBSERVATION.

The true courses of the lines of this survey were ascertained by  
direct solar observations of Sur. No. 3973 previously established  
beyond question.



# 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

St. Anthony Mining and Development Co.

known as the MANANA, QUIEN SABE, FORD, and FORD FRACTION lodes

and showing the respective capacities in which they acted.

S. C. Woods, *Chainman.*

*Chainman.*

*Arman.*

*Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, I, S. C. Woods,

and I, 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 St. Anthony Mining and Development Co.

known as the MANANA, QUIEN SABE, FORD, FORD FRACTION lodes

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 United States Surveyor-General for Arizona.

S. C. Woods, *Chainman.*

*Chainman.*

*Arman.*

*Flagman.*

Subscribed and sworn to by the above-named persons before me this 30<sup>th</sup>

day of March, 19 25

Mabelle Hess

Nature's Public

*My Commission expires Feb 6, 1928*



4-686.

# 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 United States Surveyor General for Arizona, dated December 15, 1924, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of St Anthony Mining and Development Co.

....., known as the MANANA, QUIEN SABE, FORD, and FORD FRACTION lodes.

situate in Old Hat Mining District, Pinal County, Arizona. in Section 26, Township No. 8 S., Range No. 16 E., G. & S. R. M. and designated as Survey No. 3974, 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 Surveyor General with said instructions, and that all the 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 its 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, Maehelle Hess, a Notary Public in and for Pima County this 30<sup>th</sup> day of March, 1925

*My Commission expires Feb 6, 1928*  
 3-1044

Maehelle Hess  
 Notary Public

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

May 5, 1905.

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

St. Anthony Mining and Development Co.

known as the MANANA, QUIEN SABE, FORD, and FORD FRACTION lodes situate in

Old Hat

Mining District, Pinal County, Arizona

in Section 26, Township No. 8 S., Range No. 16 E., and

designated as Survey No. 3974, 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 each of said mining claims by claimant or its grantors, and that said improvements consist of 3 cuts, 5 tunnels and 8 shafts, total value \$4520.

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.

Charles M. Donohoe

United States Surveyor-General for Arizona.



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**SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES  
AND SURVEY OF MINING CLAIM**

**DEPARTMENT OF THE INTERIOR  
OFFICE OF U. S. SURVEYOR GENERAL**

Phoenix, Arizona,

May 5, 1925

I, U. S. Surveyor General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

St. Anthony Mining and Development Co.

, known as the

MANANA, QUIEN SABE, FORD, and FORD FRACTION lodes

situate in Old Hat mining district,

Pinal County, Arizona

in Section 26, Township No. 8 S., Range No. 16 E.

, designated as Survey No. 3974

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

Surveyor, February 5 - 9, 1925, under my instructions dated

December 15, 1924, 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.

*Charles M. Dumble*

U. S. Surveyor General for Arizona.