

MINERAL SURVEY No. 3480

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The United Verde Copper Company

KNOWN AS THE

Chrome Fraction Lode
Verde

Mining District,

Yavapai County, Arizona

Sections 15 & 22 2nd Quarry Township 16 N, Range 2 E 47 S 137 W

Surveyed under instructions dated Feb 11, 1918

by Joseph McCarthy
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced Nov 6 & 7, 1918

Survey completed Oct 3, 1919

Address of claimant Anderson & Ellis Attys
Prescott Arizona

DATES OF AMENDED LOCATIONS.

Mineral Survey No. 3480.
- Chrome Traction Lode.

Beginning at Cov. No. 1.

A concrete monument 24 in. long, 1 ft. diam. at base and 6 to 8 in. diam. at top.

The core is a 2 in. iron pipe on which is a cap containing a brass disk stamped + C. F. No. 1, 3480, whence

Alongside is a 4 x 5 in. wooden post 4 ft. long in a mound of stones.

A cross on a concrete railroad culvert marked B + R C. F. No. 1, 3480 bears $S 22^{\circ} 19' E$ 35.48 ft.

The sec. Cov. common to Sec's 14-15-22-23 T. 16 N. R. 2 E G. & S. R. B + M bears $S 73^{\circ} 05' 35" E$ 2125.45 ft.

Cov. 5 of the Mountain Boy lode Sur. No. 2811 identical with Cov. No. 3 of the Rat lode Sur. No. 2811 bears $S 54^{\circ} 30' 50" W$ 129.37 ft.

From Cov. 3 of said Rat lode Cov. 4 of the same lode bears $S 40^{\circ} 22' W$ 566.64 ft.

Thence $S 26^{\circ} 42' W$
41.72 Intersect line 3-4 Smoke House Mill site Sur. No. 977 at $S 43^{\circ} 38' E$ 127.48 ft. from Cov. 3 and 41.71 ft. its intersection with line 4-5 Mountain Boy lode Sur. No. 2811.

47.00 Cross V. T. & S. R. R. running easterly to Jerome

66.00 Cross creek running northeasterly

127.97 Intersect line 5-1 Mountain Boy lode identical with line 2-3 Rat lode both of Sur. No. 2811 at $S 50^{\circ} 39' E$ 61.86 ft. from Cov. No. 5 and No. 3 respectively.

734.37 Intersect line 4-5 Rat lode Sur. No. 2811 at $S 43^{\circ} 39' E$ 206.29 ft. from Cov. No. 4.

734.38 Intersect line 1-2 Smoke House Mill site Sur. No. 977 at $S 43^{\circ} 39' 30" W$ 69.73 ft from Cov. 1, also line 2-3 of the Chrome Mill site Sur. No. 595 at $S 43^{\circ} 39' 30" E$ 233.65 ft from Cov. No. 2.

905.47 Intersect line 3-4 Chrome Mill Site Sur No 595 at $S45^{\circ}21'15''E$ 161.16 ft. from Cor 3 identical with Cor. 3. Badger lode Sur. No. 2811 also intersect line 3-4 of said Badger lode at $N45^{\circ}21'15''E$ 139.08 ft. from Cor 4.

From Cor 4 Badger lode Sur No 2811 Cor 5 thereof bears $S40^{\circ}23'E$ 236.36 ft.
1166.82 Intersect line 5-6 Badger lode Sur. No 2811 at $N71^{\circ}47'E$ 141.74 ft. from Cor. 5. also intersect line 3-5 Smoke House lode Sur No. 1078 A at $S71^{\circ}47'E$ 124.74 ft from Cor 5 identical with Cor. 6 of Badger lode Sur No 2811.

1300.74 To Cor. No. 2.

A concrete monument similar to Cor No 1 of this survey, The brass disk is stamped + C. J. No. 2, 3480

Rock formation schistose, no bearings available.

Whence $N62^{\circ}44'E$

133.00 South End Center, at the intersection of line 3-5 Smoke House lode Sur No 1078 A with line 3-4 Chrome Mill Site Sur No 595.

A concrete monument similar to Cor No 1 of this survey. The brass disk is marked S. E. C. C. J. 3480, whence

Cor 4 Badger lode Sur No 2811, on line 3-4 Chrome Mill Site Sur No 595 bears $N45^{\circ}21'15''E$ 276.71 ft. and Cor 3 of said Chrome Mill Site bears $N45^{\circ}21'15''E$ 576.95 ft.

From the said South End Center Cor 5 of Badger lode Sur. No. 2811 on line 3-5 of the Smoke House lode Sur No 1078 A bears $N71^{\circ}47'E$ 46.07 ft and Cor 5 of said Smoke House lode bears $N71^{\circ}47'E$ 312.55 ft.

239.97 To Cor No. 3.

A concrete monument similar to Cor No 1 of this survey, the brass disk is stamped + C. J. No 3, 3480 whence

A cross on a rock in place marked B + R C. J. No. 3, 3480 bears $N22^{\circ}20'E$ 20.10 ft.

Municipal Survey No 3480 Continued.

The center of the portal of U. V. C. Co's 500ft Adit. bears N 80°40' E 84.75ft thena running southerly.

Cov 2 of Chrome Mill site Sur. No. 595 bears N 28°28'30" E 642.82 ft. From said Cov No 2 of the Chrome Mill site. Cov 4 of the Rat lode Sur. No 2811 bears S 43°45' E 27.35ft.

Thence N 26°41'30" E

- 150.00 Cross creek running northeasterly
- 586.35 Intersect line 2-1 of the Chrome Mill site Sur No 595 at S 46°17'40" W 59.61 ft from Cov 2.
- 586.40 Intersect line from Cov 1 Topaz lode Sur No 1377 to Cov 2 of Chrome Mill site Sur No 595 (recorded as being on the south end line of said Topaz lode) at S 46°19' W 59.56 ft. from Cov 2 of said Chrome Mill site and at N 46°19' E 125.85 ft from Cov 1 Topaz.
- 649.64 Intersect line 1-2 Smoke House Mill site Sur. No. 977 at N 43°39'30" W 324.62 ft from Cov 1
- 670.76 Intersect line 2-3 Smoke House Mill site Sur. No 977 at S 37°30' W 640.10 ft from Cov. 3.
- 1104.43 Intersect line 2-3 Topaz lode Sur No 1377 at N 38°02'30" W 174.32 ft from Cov 2. and N 38°02'30" W 83.97 ft from the intersection of said line with line 2-3 Smoke House Mill site Sur No 977 said ^{point of intersection being} S 37°30' W 235.10 ft from Cov 3 of Smoke House Mill site.
- Also intersect line 2-3 Diamond lode Sur No 3344 at N 38°02'30" W 159.07 ft from Cov. 2.
- 1300.71 To Cov. No. 4.

A concrete monument similar to Cov. No. 1 of this survey, the brass dish being stamped + C. F. No 4 3480, whence

A cross on a rock in place marked B+R C. F. No 4 3480 bears S 83°14' E 10.09 ft. Cov 2 of Topaz lode Sur No 1377 bears S 3°31'30" E 313.24 ft.

From said Cor 2 of the Topaz lode Sur No 1377
 Cor 2 of Chrome Mill Site Sur No 595 bears
 $S46^{\circ}15' \text{ } \& 411.24 \text{ ft.}$ and at a distance of
 145.76 ft on this line from Cor 2 Topaz said line
 intersects line 3-4 Rat lode Sur. No 2811
 at $N40^{\circ}22' \text{ } \text{E } 266.88 \text{ ft}$ from Cor 4 of the said
 Rat lode and $S40^{\circ}22' \text{ } \text{W } 148.06 \text{ ft}$ from
 Cor 2 of the Diamond lode Sur. No. 3344
 which is at the intersection of line 3-4
 Rat lode Sur No 2811 with line 2-3 Topaz lode
 Sur No 1377.

Thence $S62^{\circ}44' \text{ } \text{E}$

110.00 $\& \text{ } Y \text{ } \& \text{ } \text{S. R.R.}$ running southeasterly to Jerome

120.04 North End Center identical with Cor. No 3
 Smoke House ^{Mill Site} Sur No 977.

A wooden hut in a mound of stones (see Report)

207.62 Intersect line 1-2 Diamond lode Sur No 3348
 at $N40^{\circ}22' \text{ } \text{E } 269.79 \text{ ft}$ from Cor. No. 2.

Also intersect line 4-5 Mountain Boy lode
 Sur No 2811 at $N40^{\circ}22' \text{ } \text{E } 118.09 \text{ ft}$ from
 Cor No 5 and 28.82 ft from the intersection
 of this line with line 3-4 Smoke House
 Mill Site Sur No 977 at $S43^{\circ}38' \text{ } \text{E}$
 85.77 ft from Cor. No. 3, said Smoke House Mill Site.

240.09 To Cor No 1 the place of beginning
 Variation at corners $14^{\circ}45' \text{ } \text{E}$ to $15^{\circ} \text{ } \text{E}$

Lode Line

As near as can be determined from
 present developments the vein extends
 as follows from the discovery point.

80.67 ft $N27^{\circ}16'15'' \text{ } \text{E}$ and 1220.00 ft
 $S27^{\circ}16'15'' \text{ } \text{W}$

Mineral Survey No 3480 (Continued)

Area	Acres
Total area Chrome Traction lode	7.167 ✓
Area in conflict with-	
Sur No 595 Chrome Mill site	2.732 ✓
Sur No 977 Smoke House Mill site	2.892 ✓
Sur No 1078A Smoke House lode	0.204 ✓
Sur No 1377 Topaz lode	0.938 ✓
Sur No 1377 Topaz lode (exclusive of its conflict with Sur 977 Smoke House Mill site)	0.393 ✓
Sur No 2811 Badger lode	0.334 ✓
Sur No 2811 Rat lode	1.755 ✓
Sur No 2811 Rat lode (exclusive of its conflict with Sur 977 Smoke House Mill site)	0.000 ✓
Sur No 2811 Rat lode (exclusive of its conflict with Sur No 1377 Topaz lode)	1.730 ✓
Sur No 2811 Rat lode (exclusive of its conflict with Sur No 977 Smoke House Mill site and Sur No 1377 Topaz lode)	0.000 ✓
Sur No 2811 Mountain Boy lode	0.132 ✓
Sur No 2811 Mountain Boy lode (exclusive of its conflict with Sur 977 Smoke House Mill site)	0.029 ✓
Sur No 3344 Diamond lode	0.950 ✓
Sur No 3344 Diamond lode (exclusive of its conflict with Sur No 977 Smoke House Mill site)	0.518 ✓

should
be
3348

The survey of this location is identical with the amended location as monumented upon the ground.

This survey is located in Sec's 15 + 22, ^{Amended} 7.167, R 2 E 9 + SR B + M and within the Prescott National Forest.

Expenditure of Five Hundred Dollars
I certify that the value of the labor and improvements made upon the location by the claimant is not less than five hundred dollars and that said improvements consist of:

No. 1. The discovery shaft on the lode line 80.67 ft from the North End Center 4x8 ft 10 ft deep.

No. 2. A tunnel the mouth of which bears from Co. No 1 S 60° 36' E 145 ft 3 1/2 x 6 ft running N 27° 11' E 50 ft to face Value \$100.00
Value \$500.00

No 3. That part of steam shovel operations embraced in the section beginning N 82° E 100 ft from Co. No 3. Thence running N 55° E 200 ft along the face of a 20 ft cut having a width of 10 ft N 35° E at right angles to the face.
Value of cut \$2592.45

Instrument
This survey was made with a S. Berger & Sons mining transit. The courses were deflected from the true meridian, as determined by direct solar observations. The distances were measured by 660 ft and 100 ft steel tapes.

Adjoining claims
This claim is adjoined on the north by the Diamond lode, Sur No 3348 Arkansas & Arizona Copper Co claimant.
Mountain Boy lode, Sur No 2811 The United Verde Copper Co claimant.
On the east by the Smoke House Mill site, Sur No 977 The United Verde Copper Co claimant.
Rat lode and Badger lode both of Sur No 2811 The United Verde Copper Co claimant.
On the south by the Smoke House lode, Sur No 1078 A The United Verde Copper Co claimant.
On the west by the Chrome Mill site, Sur No 595 The United Verde Copper Co claimant.
Topaz lode, Sur No 1377 The United Verde Copper Co claimant.

Mineral Survey No 3480 Continued.

Report.

A closed traverse was run upon the ground and the several corners and conflicts tied in from the traverse points.

The Sec. Co. common to Sec's 14-15-22-23 T16 N R2 E G & S R 13 & 20 is a 2 in iron pipe 8 in. above ground, capped by a brass top stamped + T16 N R2 E S15 S14 S22 S23 1913 Sur No 595 Chrome Mill Site.

All corners are concrete monuments replacing the stone corners properly marked

I find line 2-1 to be $S46^{\circ}17'40''$ instead of $S47^{\circ}30''$
 " " " 2-3 to be $S43^{\circ}39'30''$ $E288.35$ ft instead of $S42^{\circ}30' E300.00$ ft
 " " " 3-4 to be $S45^{\circ}21'15''$ instead of $S47^{\circ}30''$.

Sur No. 977 Smoke House Mill Site.

Cor 3 was a stone corner properly set and marked but was taken out by the railroad surveyors as it came in a cut, but its position was referenced by them and is the point used in this survey for that corner. Cor's 2 and 4 are not in place.

In determining the bearing of 1-2 I used the extension of line 3-2 Chrome Mill Site Sur No 595 reported as sideling line 1-2

I also used the same bearings for lines 2-3 and 3-4 as accepted in Sur. No 2811

Mountain Boy lode and Sur No 3344 Diamond lode.

The Smoke House Mill Site Sur No 977, as above was surveyed for patent in 1891, but patent was never issued, although on this and the adjoining mill site and claims were built the precipitation boxes for the recovery of the copper from the mine solutions. This practice will shortly be discontinued on this mill site and the company desired that the remaining ground on which the rights have not been already waived to Sur No 2811 shall be included in the Chrome Fraction lode.

Surv. No. 1078 A Smoke House lode.

Corners 3 and 5 are concrete monuments replacing the posts. Cor 4 is not in place. I find the bearing of line 3-5 to be $N 71^{\circ} 47' E$ instead of $N 72^{\circ} 30' E$

Surv. No. 1377 Topaz lode.

Cors 1 and 2 are concrete monuments replacing the stone monuments properly marked. Cor 2 of the Chrome Mill site Sur No 595 is reported on this line I make the line from Cor 1 Topaz to Cor 2 Chrome Mill site $N 46^{\circ} 19' E$ 185.41 instead of $N 46^{\circ} 16' E$ 186.50 and from Cor 2 Chrome Mill site to Cor 2 Topaz I make $N 46^{\circ} 15' E$ 411.24 instead of $N 46^{\circ} 16' E$ 413.50 ft.

Survey No. 2811 Badger, Rat & Mountain Boy lodes.

All corners are concrete monuments replacing the stone monuments properly marked. I find the conflicting lines agreeing within the limits except line 3-4 of Badger which I make 300.24 ft instead of 300.00 ft.

Surv. No. 3348 Diamond lode

Cor No 2 is taken as the point of intersection of lines 2-3 Topaz Sur No 1377 and 3-4 Rat Sur No 2811, as reported. The witness corner, is not in place. I agree within the limits on the bearings of lines 1-2 and 2-3.

Other Improvements

At $N. 80^{\circ} 40' E$. 84.75 ft. from Cor. No. 3 of this survey, is the center of the concreted portal of a long tunnel, running southerly, known as the 500 level adit, 9 ft. wide and 8 ft. high. At 56.85 ft. from the portal, the tunnel intersects line 2-3 of this survey, 145.89 ft. from Cor. No. 2. Claimant herein.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Joseph McCarthy
 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
The United Verde Copper Company
 known as the Chrome Fraction Lode
 and showing the respective capacities in which they acted.

H. D. Hannah, Chairman.

....., Chairman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

I, H. D. Hannah
 and, do solemnly swear that I assisted Joseph McCarthy
, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The United Verde Copper Company
 known as the Chrome Fraction 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 United States Surveyor-General for Arizona

H. D. Hannah, Chairman.

....., Chairman.

....., Axman.

....., Flagman.

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

day of February, 19 19

C. S. Gardner

Yavapai County, Arizona



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Joseph McCarthy, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
Feb 11, 1918, 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 The United Verde Copper Company,
known as the
Chrome Traction lode,
situate in Verde Mining District,
Yavapai County, Arizona, in Section
15 & 22 Township No. 16 N, Range No. 2 E 9 S R 2 M,
and designated as Survey No. 3480, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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.

Joseph McCarthy
U. S. Mineral Surveyor.

Subscribed and sworn to by the said *****Joseph McCarthy*****
U. S. Mineral Surveyor, before me A Notary Public in and for Yavapai
County***** this Fourteenth
day of October, 19 19

C. P. Gardner
NOTARY PUBLIC

AMENDED
 Notice of Mining Location
 LODE CLAIM

Feb. 10, 1918

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Chrome Fraction Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by the United Verde Copper Company, a corporation organized under the laws of the State of Delaware, the undersigned, on the 4th day of December, 1917.

The length of this claim is 1500 feet, and We claim one hundred (100) feet, in a easterly direction and fourteen hundred (1400) feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the east to the west

The claim is situated and located in the Verde Mining District, in Yavapai County in the State of Arizona, about one thousand feet in a easterly direction from the United Verde Copper Company's 500 foot adit and covers the northerly corner of what is known as the Smoke House Mill Site and also that fraction laying just southwest of the 500 adit between the Badger, 2811; Chrome Millsite, 595; and Smoke House mining claim, 1078-A

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in an easterly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the northeasterly end line of said claim; thence 300 feet to a monument, being the northwesterly corner of said claim; thence 1500 feet to a monument, being at the southwesterly corner of said claim; thence 300 feet to a monument at the center of the Southwesterly end of said claim; thence 300 feet to a monument being at the Southeasterly corner of said claim; thence 1500 feet to a monument at the northeasterly corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Chrome Fraction Mining Claim, located by the United Verde Copper Company, on the 11th day of October, 1917, and recorded in Book 108 of Records of Mines, at page 342, in the office of the County Recorder of the aforesaid County of Yavapai to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice of said claim

Dated and posted on the ground this 4th day of December, 1917.

J. C. Hayes
 Witness

United Verde Copper Company
 By C. V. Hopkins
 Chief Engineer

Filed and recorded at request of LE ROY ANDERSON

DEC. 15th

A. D. 1917, at 3:45 o'clock

P. M., Book 99 OF MINES

page# 399

Records of Yavapai County, Arizona.

(SEAL)

E. A. McSWIGGIN,
County Recorder.

By L. S. Colwell

Deputy Recorder.

STATE OF ARIZONA, }
COUNTY OF YAVAPAI, } ss

I, E. A. McSwiggin, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same is a full, true and correct copy of AMENDED Location Notice of the
CHROME FRACTION Lode Mining Claim

filed for record on Dec. 15th, 1917 and as the same appears of
record in my office in Book 99 of MINES
at page# 399 and of the whole thereof.



IN WITNESS WHEREOF, I have hereunto set my
hand and affixed my Official Seal this 8th day
of February, A. D. 1918



E. A. McSwiggin
County Recorder

By _____
Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

FEB 13 1920, 191

I, U. S. Surveyor-General for DISTRICT OF ARIZONA,
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of THE UNITED VERDE COPPER COMPANY,
known as the CHROME FRACTION LODE,
situate in VERDE
Mining District, YAVAPAI County, ARIZONA,
in Sections 15 & 22 ^{Unsur.} Township No. 16 N., Range No. 2 E., G&SRB&M. and
designated as Survey No. 5480, 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 improve-
ments made upon said mining claim by claimant or its grantors, and that said improvements
consist of a shaft, a tunnel, and a steam-shovel cut,
Value \$3,192.45.

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.

Frank P. Trott,

United States Surveyor-General for Arizona.

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,

FEB 13 1920, 191

I, U. S. Surveyor-General for DISTRICT OF ARIZONA,

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

THE UNITED VERDE COPPER COMPANY

, known as the

CHROME FRACTION LODE

situate in VERDE mining district,

YAVAPAI County, ARIZONA.

in Sections 15 & 22 Un^{sur.}, Township No. 16 N., Range No. 2 E.,

C&SRB&M, designated as Survey No. 3480

executed by Joseph McCarthy, United States Mineral

Surveyor, Nov. 6 & 7, 1918 & Oct. 3, 1919, under my instructions dated

Feb. 11, 1918, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Handwritten signature of Frank D. Stratton

U. S. Surveyor-General for Arizona.