

Book "H"

4-679

BOOK 3718

FIELD NOTES

OF THE RETRACEMENTS OF

Part of the Subdivision lines of

Township 3 North, Range 3 East,

and of the Survey of

The "SANTA ROSA" lode MINING CLAIM

situate in sections 21 and 22 of

Township 3 North, Range 3 East,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

U.S. Cadastral Engineer,

In the capacity of U. S. Surveyor, under Special Instructions dated April 10, 1924, issued by the United States Surveyor General to govern surveys included in Group No. 129, Arizona, which were approved by the Commissioner of the General Land Office, April 29, 1924, and Assignment Instructions dated March 16, 1925

Retracement & Survey commenced March 17, 1925.

Retracement & Survey completed March 19, 1925.

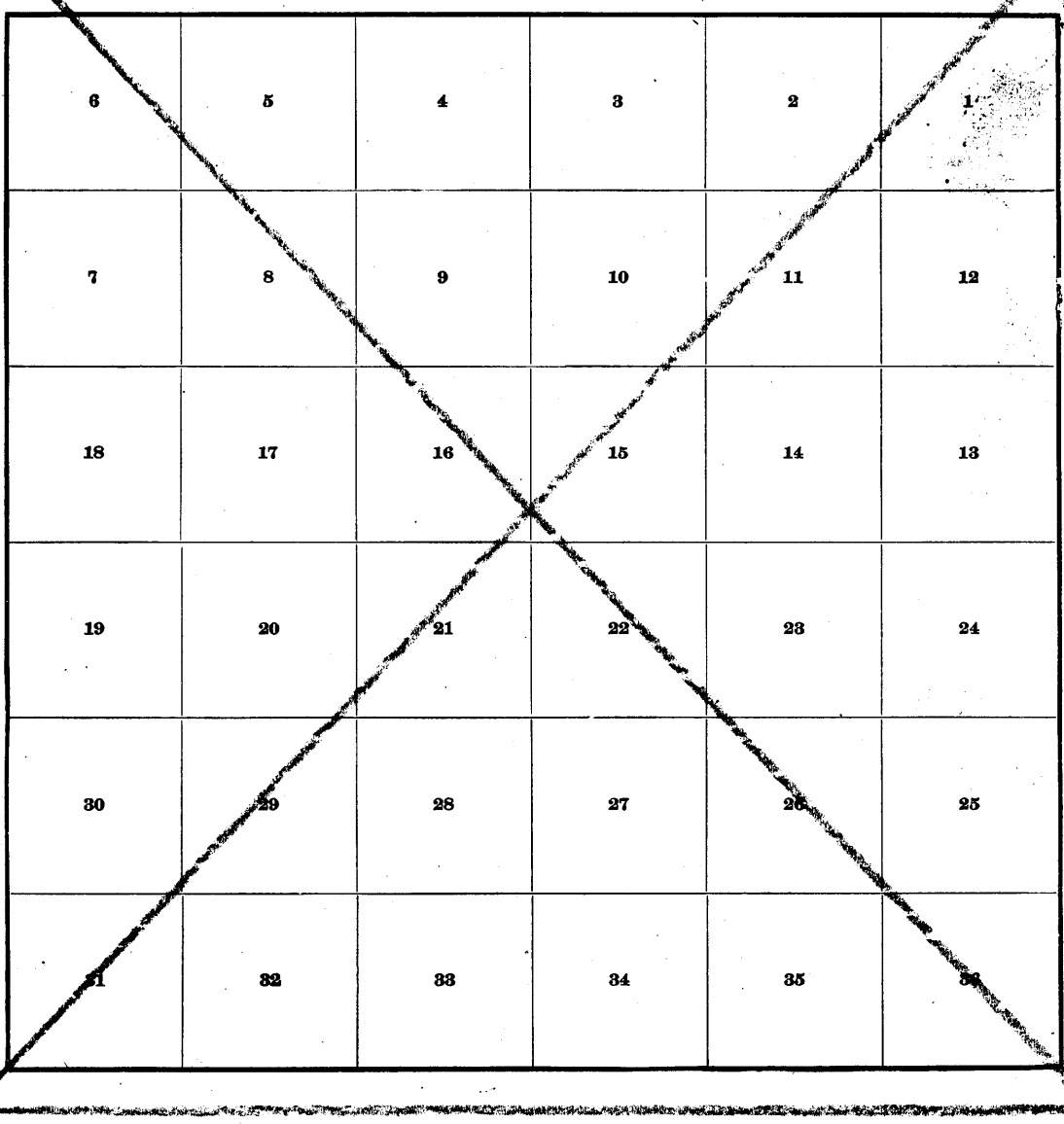
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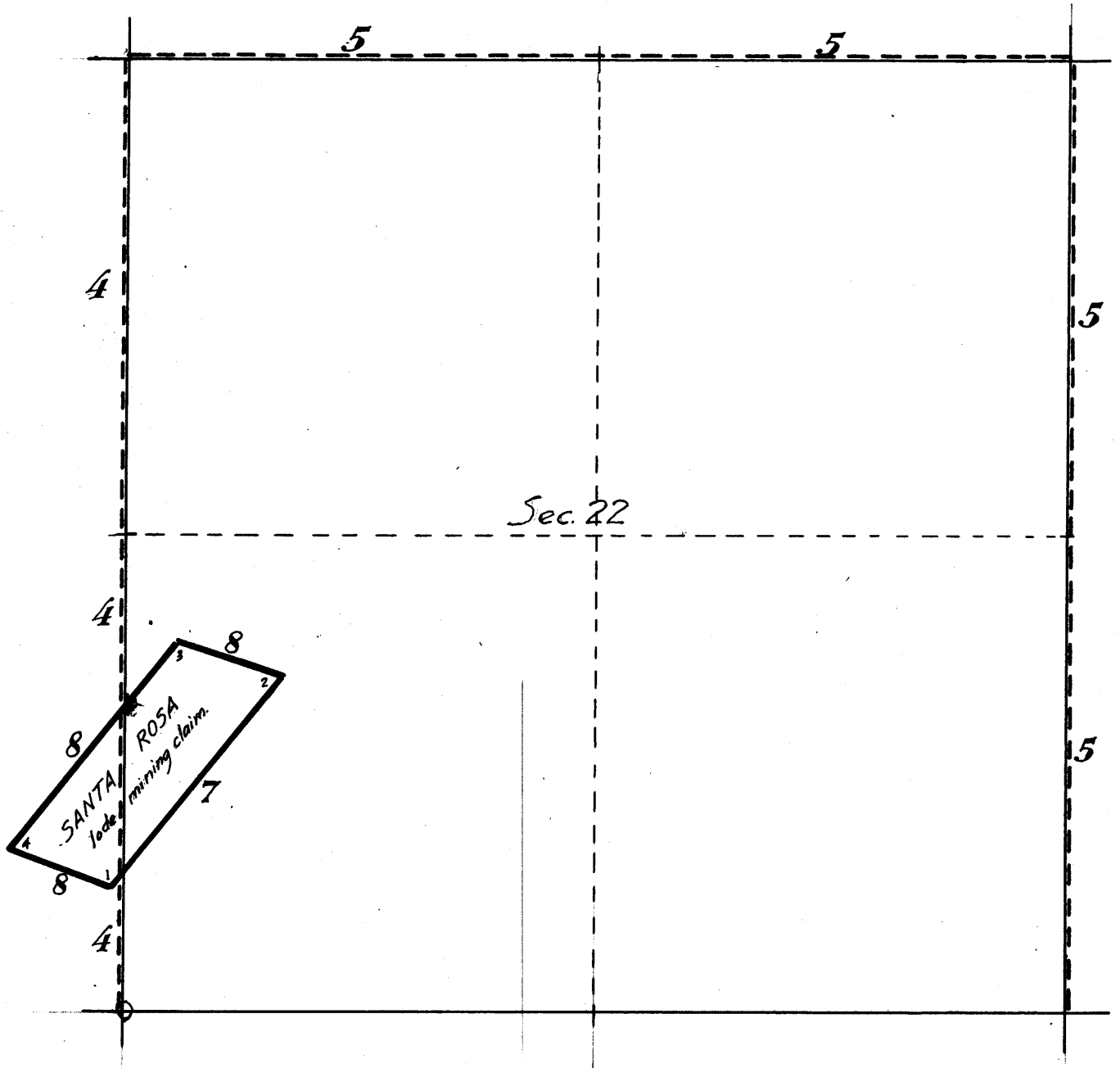
INDEX DIAGRAM.

Township _____, Range _____



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----- Retraced under this group.

===== Surveyed under this group.

————— Accepted surveys.

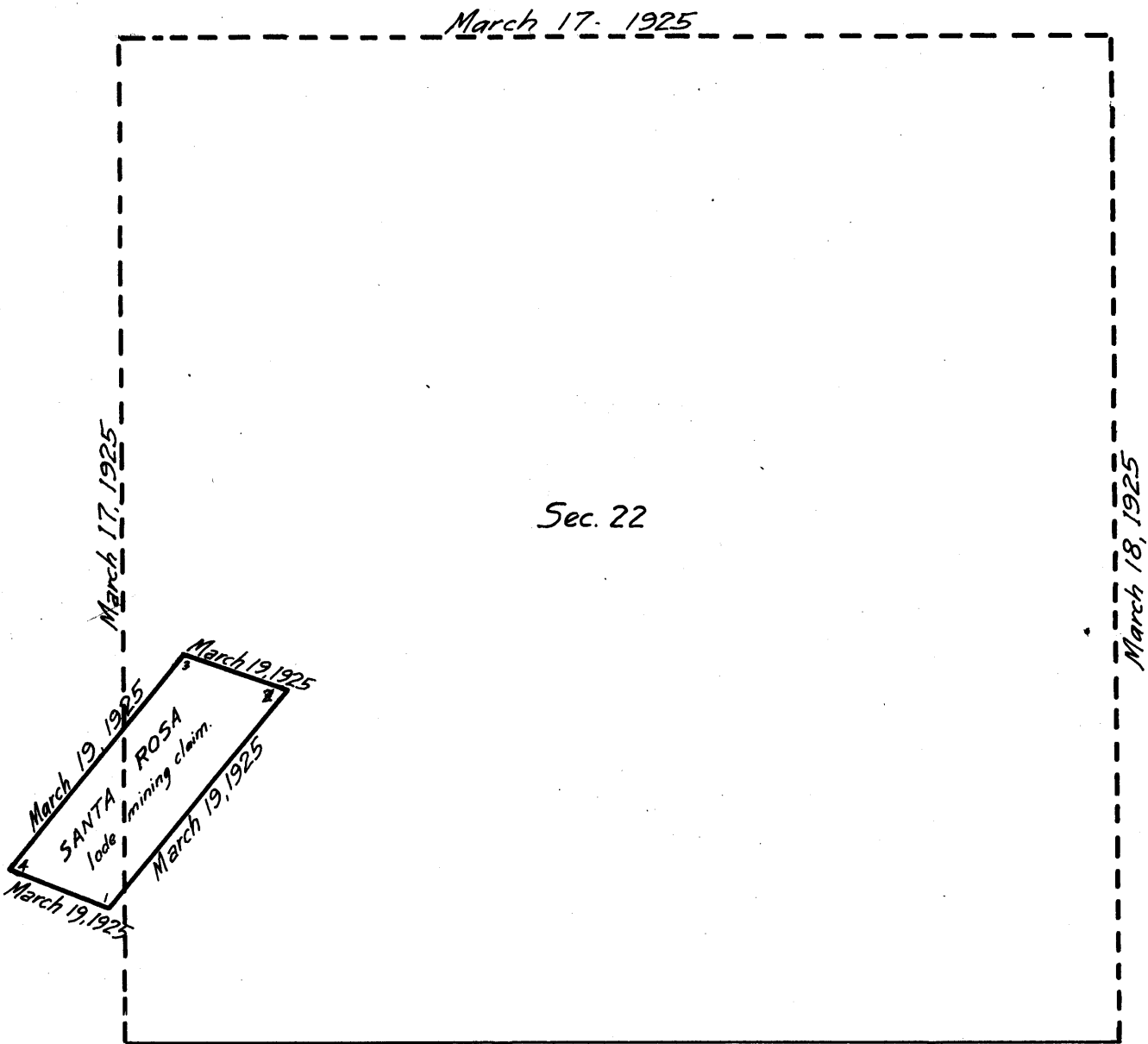
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Group 129, Arizona.

T. 3 N. - R. 3 E.

• DATE DIAGRAM •

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Sec. 22

———— Surveyed by Sidney E. Blout, U.S.C.E. on dates shown thereon.

----- Retraced by Sidney E. Blout, U.S.C.E. on dates shown thereon.

———— Accepted surveyed line.

Retracements and survey hereinafter described were executed on dates shown on diagram on page 2 hereof, by Sidney E. Blout, U.S. Cadastral Engineer, using Buff and Buff Rocky Mountain Favorite solar transit No. 16724, with U-shaped standards, $4\frac{1}{2}$ inch horizontal circle, 4 inch vertical circle, and improved Smith solar attachment.

All azimuth determinations are accomplished with the solar attachment.

PRELIMINARY TEST OF BUFF TRANSIT NO. 16724.

Examine the adjustments of the transit, and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a true meridian, proceed as follows:

March 16, 1925: Set up instrument on the meridian at the Federal Building at Phoenix, Arizona, latitude $33^{\circ}27'N.$, longitude, $112^{\circ}04'35''W.$ of the Gila and Salt River Base and Meridian, Arizona, and at 9h.00m.a.m., l.m.t., set off $33^{\circ}27'N.$ on the lat.arc; $1^{\circ}44\frac{1}{2}'S.$ on the decl.arc, and determine a meridian with the solar, which agrees with the true meridian.

At apparent noon, with the latitude arc unchanged, observe the sun on the meridian, and obtain a reading of $1^{\circ}42'S.$ on the decl.arc, which agrees with the calculated declination.

At 3h.00m.p.m., l.m.t., with the lat.arc unchanged, set off $1^{\circ}38\frac{1}{2}'S.$ on the decl.arc, and determine a meridian with the solar. This meridian falls $0\frac{1}{2}'W.$ of the true meridian.

The solar apparatus by a.m. and p.m. observations, defines positions for meridians, which agree within 1' of the true meridian; therefore, conclude that the adjustments of the instrument are satisfactory.

All measurements are made with a Lufkin 5-chain steel tape, compared with a Chesterman standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined with a clinometer or the transit, and the slope measurements properly reduced to true horizontal distances.

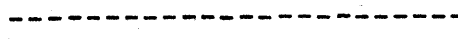
Retracement of part of the Subdivision lines of T. 3 N. R. 3 E.

chains.

The subdivision lines bounding sec. 22 on the east, west and north, were surveyed by J.H. Martineau, U.S.D.S. in 1893, and the subdivision line bounding said section on the south was surveyed by S.E. Blout, U.S.S. in 1912.

No retracement or resurvey of any of these lines is of record.

The following notes describe a retracement of the East, West and North boundaries of said section.



The original cor. of secs. 21, 22, 27 and 28 is a granite stone, 12x10x7 ins. above ground, marked with 3 notches on E. edge and 2 notches on S. edge, and witnessed by a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

No bearing trees.

Reconstruct this cor. monument as follows:

Alongside old stone, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 21, 22, 27 and 28, marked on brass cap;

T3N	R3E
S21	S22
S28	S27
.1925	

Thence,

N. 0° 2' W., on random line, bet. secs. 21 and 22 (S. 1/2). Over heavily rolling land, thru. scattering undergrowth. Ascend 29 ft., over SW. slope.

4.50 Top of ascent on W. side of round hill, the top of which brs. E. about 3 chs. dist.

Descend 30 ft., over NW. slope.

15.80 Wash, 10 lks. wide, banks 12 ft. high, course SW. Enter gently rolling land and scattering timber.

Ascend gradually over SW. slope to 1/2 sec. cor.

21.40 Old road from Phoenix to Cave Creek, Arizona, brs. NE. and SW.

30.60 Wash, 20 lks. wide, course S. 30° W.

35.50 New road from Phoenix to Cave Creek, Arizona, brs. NE. and SW.

39.62 Fall 16 lks. W. of the original 1/4 sec. cor. of secs. 21 and 22, which is a granite stone, 10x10x4 ins. above ground, firmly set, marked 1/4 on W. face, and witnessed by two pits, one each N. and S. of cor., 5 ft. dist., and a mound of earth W.

No bearing trees.

True course and dist. of S. 1/2 of line, bet. secs. 21 and 22 are therefore N. 0° 14' E., 39.62 chs.

Thence,

N. 0° 2' W., on a random line, bet. secs. 21 and 22 (N. 1/2). Over gently rolling land, thru. scattering timber and undergrowth.

Ascend gradually over SW. slope, to Foot of ridge, brs. N. 80° W. and S. 80° E.

20.00 Enter mountainous land.

Ascend 135 ft., over SW. slope.

29.58 Ridge, brs. E. and W.

Descend 97 ft., over N. slope, to

39.36 Fall 16 lks. W. of the original cor. of secs. 15, 16, 21 and 22, which is a granite stone, 10x10x8 ins. above ground, firmly set, marked with 3 notches on each of E. and S. edges, and witnessed by a mound of stone W. of cor.

No bearing trees.

True course and dist. of N. 1/2 of line, bet. secs. 21 and 22 are therefore, N. 0° 14' E., 39.36 chs.

Land, heavily and gently rolling, and mountainous.

Soil, gravelly, 3rd rate.

Timber, palo verde and mesquite.

Undergrowth, greasewood and cactus.



Retracement of part of Subdivision lines of T.3 N. R.3 E. 5

Chains.	
	N.89°51'E., on a random line, bet. secs. 15 and 22 (W. $\frac{1}{2}$). Over mountainous land, thru. scattering timber and undergrowth.
10.00	Descend 75 ft., over SE. slope. Ravine, 6 lks. wide, course S. Ascend 39 ft., over W. slope.
13.00	Spur, slopes S. Descend 11 ft., over E. slope.
21.10	Ravine, 8 lks. wide, course SW. Ascend 86 ft., over NW. slope.
31.70	Spur, slopes NW. Descend 52 ft., over NE. slope, to
39.09	Fall 101 lks. S. of the original $\frac{1}{4}$ sec. cor. of secs. 15 and 22, which is a malpais stone 10x10x4 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face, and witnessed by a mound of stone N. of cor. No bearing trees. True course and dist. of W. $\frac{1}{2}$ of line, bet. secs. 15 and 22 are therefore, N.88°22'E., 39.10 chs. Thence, N.89°51'E., on a random line, bet. secs. 15 and 22 (E. $\frac{1}{2}$). Over rolling land, thru. scattering timber and undergrowth. Descend gradually over NE. slope.
3.00	Hyatt's Mesquite Camp, brs. N. about 3.00 chs. dist.
6.00	Road from Phoenix to Cave Creek, Arizona, brs. N. and S. Leave rolling land and undergrowth, brs. NW, and SE. Enter nearly level land. Thence along road from Hyatt's camp to Paradise Valley.
42.12	Fall 83 lks. N. of the original cor. of secs. 14, 15, 22 and 23, which is a granite stone 6x6x4 ins. above ground, firmly set alongside corner post of wire fence, extending E. and S.; stone is marked with 2 notches on E. edge, and 3 notches on S. edge. No accessories. Road at this point prevents establishment of accessories. True course and dist. of E. $\frac{1}{2}$ of line, bet. secs. 15 and 22 are, therefore, S.89°01'E., 42.13 chs. Land, mountainous, rolling and nearly level. Soil, stony and gravelly, 2nd and 3rd rate. Timber, palo verde. Undergrowth, greasewood, scrub palo verde and mesquite.

39.57	S.0°1'E., on a random line, bet. secs. 22 and 23 (N. $\frac{1}{2}$). Over nearly level land, thru. scattering undergrowth, along E. side of wire fence, bearing N. and S. Wire fence, brs. E. and W. Fence cor. brs. W. 82 lks. dist., from which wire fence extends N. and E. Leave fence.
39.58	Enter road, bearing N. and S. Fall 115 lks. E. of the original $\frac{1}{4}$ sec. cor., which is a flint boulder 4x4x4 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face. No accessories. True course and dist. of N. $\frac{1}{2}$ of line, bet. secs. 22 and 23 are therefore, S.1°40'W., 39.59 chs. This cor. falls in road bearing N. and S. Cor. accessories impracticable. Thence, S.0°1'E., on a random line, bet. secs. 22 and 23 (S. $\frac{1}{2}$). Over nearly level land, thru. scattering undergrowth, along road, bearing N. and S.
5.00	Enter rolling land and scattering timber, brs. E. and SW.
26.90	Ravine, 20 lks. wide, 3 ft. deep, course E.
39.99	Fall 72 lks. E. of the original cor. of secs. 22, 23, 26 and 27, which is a porphyry stone 10x9x8 ins. above ground, firmly set, marked with 2 notches on each of E. and S. edges, and witnessed by a mound of stone, W. of cor. No bearing trees. True course and dist. of S. $\frac{1}{2}$ of line, bet. secs. 22 and 23 are therefore, S.1°1'W., 40.00 chs. Land, nearly level and rolling. Soil, gravelly and rocky, 2nd and 3rd rate. Timber, palo verde. Undergrowth, greasewood.

Boundaries of sec.22, Township 3 North, Range 3 East.

Latitudes, departures, and closing errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	N.89°55'W.	79.66	.12			79.66
West boundary,	N.0° 14'E.	78.98	78.98		.32	
North boundary,	N.88°22'E.	39.10	1.11		39.09	
	S.89°01'E.	42.12		.72.	42.12	
East boundary,	S.1°40'W.	39.59		39.58		1.15
	S.1°01'W.	40.00		39.99		.71
Convergency,					.01	
<u>Totals.</u>			80.21	80.29	81.54	81.52
				80.21	81.52	
<u>Error in latitude.</u>			0.08			
<u>Error in departure.</u>					0.02	

Chains.

Retracement for Survey.

- From SE. location cor., hereinafter described,
N.39°23'E., on random SE. side line of claim, toward flag
on the NE. location cor., which is visible
on such bearing.
- 24.405 Intersect the NE. location cor. of the claim, hereinafter
described.
Thence,
N.70°17'W., on random NE. end line of claim, toward flag on
the NW. location cor., which is visible on such
bearing.
- 4.59 Intersect NE. end center cor., hereinafter described.
- 8.49 Intersect the NW. location cor. of the claim, hereinafter
described.
Thence,
S.39°33'W., on random NW. side line of claim, toward flag,
on the SW. location cor. which is visible on
such bearing.
- 22.72 Set temp. SW. cor. of claim.
- 24.69 Intersect the SW. location cor. of the claim, hereinafter
described.
From temp. SW. cor.,
S.70°17'E., (parallel to NE. end line) on random SW. end
line of claim.
- 8.61 Intersect the SE. side line of claim at a point 1.69 chs.
N.39°23'E., from the SE. location cor.
At point of intersection, establish the SE. cor. (No.1) of
the claim, as hereinafter described.

SURVEY.

The SE. location cor. of the Santa Rosa lode Mining Claim,
is a mound of stone 2 ft. base, 1½ ft. high.
At a point 1.69 chs. N.39°23'E. from this cor., establish
the SE. cor. (No.1) of the claim, as follows:
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the
ground for cor. No.1 of the Santa Rosa lode Mining Claim,
marked on brass cap,

SR
No.1

1925

- Raise a mound of stone, 2 ft. base, 1½ ft. high, NW. of cor.
From this cor., the cor. of secs. 21, 22, 27 and 28, T.3 N., R.
3 E., hereinbefore described, brs. S.3°37'E., 11.06 chs.
dist.
- Thence,
N.39°23'E., on a true line, on SE. side line (1-2) of the
claim.
- Over heavily rolling land, thru. scattering undergrowth.
Ascend gradually over NW. slope.
- 1.17 Intersect the Subdivision line, bet. secs. 21 and 22 at a
point 11.93 chs. N.0°14'E. from the cor. of secs. 21, 22, 27
and 28, hereinbefore described.
- 22.715 Intersect NE. location cor. of the claim, which is a mound
of stone 3 ft. base, 2 ft. high,
Destroy this mound of stone, and in center of its position,
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the
ground for cor. No.2 of the Santa Rosa Mining Claim,
marked on brass cap,

SR
No.2

1925

Raise a mound of stone, 2 ft. base, 1½ ft. high, SW. of cor.
Thence,

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Survey of the Santa Rosa lode mining Claim.

Chains.

- N. $70^{\circ}17'W.$, on true line, on NE. end line (2-3) of the claim.
Over heavily rolling land, thru. scattering undergrowth.
Descend over NW. slope.
- 4.59 Intersect NE. end center cor. of location, which is a mound of stone, 3 ft. base, 2 ft. high.
From this point, the discovery monument on S. edge of inclined shaft 7x8x40 ft. brs. S. $39^{\circ}42'W.$, 11.185 chs. dist.
- 4.64 Wash, 10 lks. wide, course SW.
Ascend 50 ft., over SE. slope.
- 5.28 Old road, brs. NE. and SW.
- 8.49 Intersect NW. location cor., which is a mound of stone 4 ft. base, 3 ft. high.
Destroy the mound of stone, and in center of its position set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, and raise a mound of stone, 4 ft. base, 2 ft. high around post for cor. No. 3 of the Santa Rosa Mining Claim, marked on brass cap,

SR
No. 3

1925

- Thence,
S. $39^{\circ}33'W.$, on true line, on NW. side line (3-4) of the claim.
Over rolling land, thru. scattering undergrowth.
Descend 50 ft., over SW. slope.
- 8.74 Intersect the Subdivision line, bet. secs. 21 and 22 at a point 24.70 chs. N. $0^{\circ}14'E.$ from cor. of secs. 21, 22, 27 and 28.
- 10.00 Foot of descent. Enter nearly level land.
- 22.72 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for cor. No. 4 of the Santa Rosa Mining Claim, marked on brass cap,

SR
No. 4

1925

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, NE. of cor.
From this cor., the SW. cor. of the location, which is a mound of stone 3 ft. base, 2 ft. high, brs. S. $39^{\circ}33'W.$, 197 lks. dist.
- Thence,
S. $70^{\circ}17'E.$, on true line, on SW. end line (1-4) of the claim.
Over nearly level land, thru. scattering undergrowth.
- 7.10 Wash, 10 lks. wide, course SW.
Ascend over NW. slope.
- 8.61 Intersect cor. No. 1 of the Santa Rosa Mining claim, the place of beginning, hereinbefore described.
-

Boundary of Santa Rosa Lode Mining Claim.

 Latitudes, departures, and closing errors.

Line designated.	Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
SE. side line,	N. 39° 23' E.	22.715	17.557		14.413	
NE. end line,	N. 70° 17' W.	8.490	2.864			7.992
NW. side line	S. 39° 33' W.	22.720		17.519		14.467
SW. end line,	S. 70° 17' E.	8.610		2.905	8.105	
Totals			20.421	20.424	22.518	22.459
				20.421	22.459	
<u>Error in latitude.</u>			0.003			
<u>Error in departure.</u>					0.059	

FINAL TEST OF BUFF TRANSIT NO. 16724.

Mar. 19, 1925: On the same meridian upon which the preliminary tests of the instrument were made, as hereinbefore described, set off 33° 27' N. on the lat. arc; 0° 25' S. on the decl. arc, and at 5h. 00m. p.m., l.m.t., determine a meridian with the solar. This meridian falls 1' W. of the true meridian.

Mar. 20, 1925: At 8h. 30m. a.m., l.m.t., set off 33° 27' N. on the lat. arc; 0° 9' S. on the decl. arc, and determine a meridian with the solar. This meridian falls 0 1/2' E. of the true meridian.

As both of the above observations agree within 1' with the true meridian, I conclude that the instrument has maintained its adjustment during the progress of the survey under this assignment.

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NOTICE OF MINING LOCATION
lode claim.

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To all whom it may concern:-- This mining claim, the name of which is the Santa Rosa 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 purpose of exploration and purchase by L. E. Hewins, a citizen of the U. S., the undersigned, on the Fourth day of January, 1919.

The length of this claim is Fifteen hundred feet, and I claim Seven hundred and fifty feet, in a Northeast direction and Seven hundred and fifty feet in a Southwest direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim, together with three hundred 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 Northeast to the Southwest.

The claim is situated and located in the Winifred Mining District, in Maricopa County in the State of Arizona, about one mile in a southwest direction from Hyatt's store and camp, on the Cave Creek Road and about one and a half miles north of the Arizona Canal bridge on the Cave Creek Road.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at a monument of stone, at a point in a Northeast direction seven hundred and fifty feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence southeast 300 feet to a monument of stone, being the Southeast corner of said claim; thence Southwest 1500 feet to a monument of stone, being at the Southwest corner of said claim; thence Northwest 300 feet to a monument of stone at the center of the West end of said claim; thence Northwest 300 feet to a monument of stone, being at the Northwest corner of said claim; thence Northeast 1500 feet to a monument of stone at the Northeast corner of said claim; thence Southeast 300 feet to the place of beginning.

Dated and posted on the grounds this 4th day of January, 1919.

Witness: J. H. Leibold, L. E. Hewins,
Filed and recorded at request of L. E. Hewins, Feb. 20, 1919 at
3;10 P. M. Edith M. Jacobs, County Recorder.
By N. C. Moore, Deputy.

#2929

STATE OF ARIZONA
SS
COUNTY OF MARICOPA

I, W. H. LINVILLE, County Recorder in and for the County and State aforesaid, hereby certify that I have compared the foregoing copy with the Record of Santa Rosa Mining Claim located by L. E. Hewins, filed and recorded in my office on the 20th day of February, 1919, in Book No. 24 of Mining Claims at Page 445 and that the same is a full, true and correct copy of such Record and of the whole thereof.

Witness my hand and seal of office, this 18th day of June, 1923.
W. H. Linville,
County Recorder (SEAL)

By _____
Deputy

=====

CERTIFICATE OF UNITED STATES CADASTRAL ENGINEER.

I, Sidney E. Blout, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 129, Arizona, bearing date of the 10th day of April, 1924, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, retraced all those parts or portions of the Subdivision lines of Township 3 North, Range 3 East; and surveyed all those parts or portions of the "Santa Rosa" lode mining claim in sections 21 and 22 of Township 3 North, Range 3 East,

of the Gila and Salt River Base and Meridian, in the State of Arizona, and by diagram on page 2 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said retracement and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 129, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement and survey.

Place: Phoenix, Arizona.
Date: March 10, 1926.

Sidney E. Blout
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys,
Denver, Colorado, March 16, 1926.

The foregoing field notes of the retracement of part of the Subdivision lines of Township 3 North, Range 3 East; and of the survey of the "Santa Rosa" lode mining claims in secs. 21 and 22 of Township 3 North, Range 3 East, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Sidney E. Blout, U.S. Cadastral Engineer, under his special instructions dated April 10, 1924, for Group 129, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements and surveys they describe, are hereby approved.

U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in, has been correctly copied from the original notes on file in this office.