

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4287

# FIELD NOTES

Of the Metes-and-Bounds Survey of Land Classified as Mineral Bearing,

Included Within the

Red Silica No. 2, Mabel No. 2 and Vermilion No. 1,

In Sections 8 and 9,

Township 23 South, Range 23 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, Associate Cadastral Engineer,

General Land Office

*Under special instructions dated April 22, 1942, which provided*

*for the surveys included under Group No. 233, bearing the approval of the*

*Commissioner of the General Land Office under date of April 30, 1942*

*and assignment instructions dated December 20, 1941.*

*Survey commenced May 17, 1942*

*Survey completed May 18, 1942*


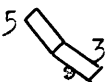
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BOOK 4287

# INDEX DIAGRAM.

Township 23 South, Range 23 East

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The surveys herein described were executed with Buff transit No. 18,000. This instrument is equipped with the Smith solar attachment and otherwise conforms to the standard requirements of the General Land Office. The instrument was approved by the district cadastral engineer for California and Arizona, on December 20, 1941, subject to satisfactory field tests.

The azimuths of all the lines of survey herein described were determined with the solar attachment, except the special observations upon Polaris for meridian upon which to test the solar apparatus.

All measurements were made with a Lallie steel tape, 5 chains in length, compared with a Lufkin standard and found correct. The measurements were made on the slope, the vertical angle determined and slope measurements properly reduced to true horizontal distances.

May 17, 1942; at station over  $\frac{1}{4}$  sec. cor. of secs. 8 and 9, T. 23 S., R. 23 E., G. & S. R. M., Arizona, in latitude  $31^{\circ} 26' 09''$  N., longitude  $110^{\circ} 02'$  W., determined from group data, examine the adjustments of the transit and find no errors. To determine the workings of the solar apparatus proceed as follows:

May 18; at 4h.08m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at eastern elongation,  $1^{\circ} 12'$ .

Daylight; lay off azimuth of Polaris,  $1^{\circ} 12'$  to the west and mark the meridian thus determined by a tack set in top of a peg driven firmly in the ground about 5 chs. N.

At 8h. 00m., a.m., app.t., set off  $31' 26'$  N., on lat. arc,  $19^{\circ} 31'$  N. on decl. arc and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with lat. arc unchanged, observe the sun on the meridian; the resulting reading of the decl. arc is  $19^{\circ} 33'$  N., which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with lat. arc unchanged, set off  $19^{\circ} 35'$  N. on decl. arc and determine a meridian with the solar, which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within  $1'$  of the true meridian, conclude that the instrument is in a satisfactory state of adjustment.

The subdivision lines of T. 23 S., R. 23 E., were surveyed in 1916 by Sidney E. Blout, Surveyor.

The following notes describe metes-and-bounds surveys of tracts of land in secs. 8 and 9, T. 23 S., R. 23 E., classified as mineral bearing, but not covered by mineral patent surveys, known as the Red Silica No. 2, Vermilion No. 1 and Mabel No. 2 mining claims. The claims were

## Chains.

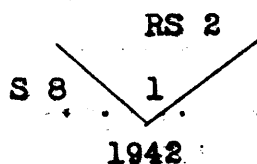
located by Robt. Coughran on April 5, 1924, June 5, 1924 and July 21, 1926, and recorded April 10, 1924, August 26, 1924 and October 5, 1926, respectively. Mr. Robt. Coughran was on the ground at the time of survey and identified the location monuments and furnished other general information relative to the three claims.

The purpose of the survey of these claims is to provide legal designation and area for the Stockraising Homestead Entry of Mary Jakovic, 071520, Phoenix, which covers  $SE\frac{1}{4}NE\frac{1}{4}$  and  $E\frac{1}{2}SE\frac{1}{4}$  of sec. 8,  $W\frac{1}{2}$  and  $NE\frac{1}{4}$  of sec. 9, T. 23 S. R. 23 E.

Red Silica No. 2 Mining Claim.

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Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, to bedrock and in a mound of stone to top, at Cor. No. 1 of Red Silica No. 2 mining claim, with brass cap mkd.



From this corner

The S. location corner, bears S.  $54^{\circ}$  W.; 5 lks. dist., marked by a mound of stone, 4 ft. base, 2 ft. high.

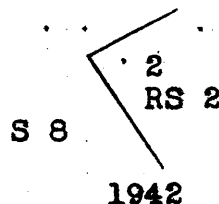
The  $\frac{1}{4}$  sec. cor. of secs. 8 and 9, bears S.  $47^{\circ}$  E., 15.57 chs. dist.; an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

The house of Mary Jakovic, bears S.  $31\frac{1}{2}^{\circ}$  E., 6.60 chs. dist.

Thence

N.  $39^{\circ}$  10' W., along SW. side of the claim.

22.14 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, at Cor. No. 2 of the Red Silica No. 2 mining claim, with brass cap mkd.



From this corner

Original W. location cor. of claim, marked by a mound of stone, 4 ft. base, 2 ft. high, bears N.  $40^{\circ}$  W., 24 lks. dist.

Thence

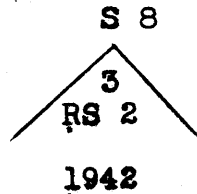
N.  $54^{\circ}$  E., on NW. end line of claim.

4.50 Intersect the NW. end center of claim, marked by a mound of stone, 4 ft. base, 2 ft. high.

## Red Silica No. 2 Mining Claim.

## Chains.

- 9.05 Set an iron post, 3 ft. long, 1 in. diam., 19 ins. in the ground to bedrock, and in a mound of stone to top, at Cor. No. 3 of the Red Silica No. 2 mining claim, with brass cap mkd.



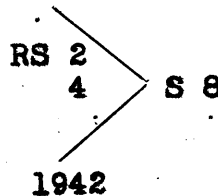
From this corner

The north location corner of claim bears N. 12° E., 69 lks. dist., marked by a mound of stone, 3 ft. base, 1½ ft. high.

Thence

S. 39° 12' E., along NE. side of claim.

- 22.14 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, at Cor. No. 4 of the Red Silica No. 2 mining claim, with brass cap mkd.



From this corner

The E. location corner bears N. 54° E., 51 lks. dist., marked by a mound of stone, 4 ft. base, 2 ft. high.

The ¼ sec. cor. of secs. 8 and 9, bears S. 14° E., 16.40 chs. dist., hereinbefore described.

Thence

S. 54° W., along SE. end line of claim.

- 4.55 Intersect the SE. end center of claim, marked by a mound of stone, 4 ft. base, 2 ft. high.

- 9.09 Cor. No. 1 of the Red Silica No. 2, the place of beginning.

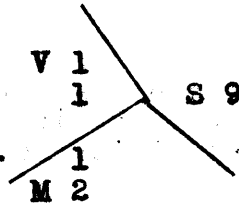
Mabel No. 2 Mining Claim.  
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Begin at the north location corner, identical with the east location corner of the Vermilion No. 1 mining claim, as marked by a mound of stone, 4 ft. base, 2 ft. high.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, at Cor. No. 1 of the Mabel No. 2, and Cor. No. 1 of the Vermilion No. 1 mining claims, with brass cap mkd.

## Mabel No. 2 Mining Claim.

Chains.



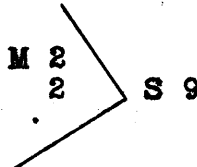
1942

Thence

S.  $51^{\circ} 06\frac{1}{2}'$  E., along NE. side of claim.

22.82 The east location corner, marked by a scattered mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock and in a mound of stone to top, at Cor. No. 2 of the Mabel No. 2 mining claim, with brass cap mkd.



1942

Thence

S.  $57^{\circ} 20'$  W., along SE. end line of claim.

4.61 Intersect the SE. end center of claim, marked by a mound of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high.  
From this corner the discovery shaft bears N.  $49^{\circ}$  W., 9.02 chs. dist.

9.30 The south location corner, as marked by a mound of stone, 3 ft. base, 1 ft. high.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, at Cor. No. 3 of the Mabel No. 2 mining claim, with brass cap mkd.



1942

From this corner

The  $\frac{1}{4}$  sec. cor. of secs. 8 and 9 bears N.  $87^{\circ} 09'$  W., 48.45 chs. dist., hereinbefore described.

Thence

N.  $47^{\circ} 27'$  W., along SW. side line of claim.

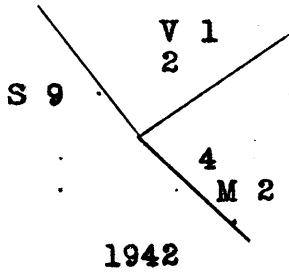
22.40 The west location corner, identical with the south location corner of the Vermilion No. 1, marked by a mound of stone, 3 ft. base, 2 ft. high.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, at cor. No. 4 of the Mabel No. 2, and cor. No. 2 of the Vermilion No. 1 mining claims, with brass cap mkd.

Mabel No. 2 Mining Claim.

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Chains.



From this corner

The  $\frac{1}{2}$  sec. cor. of secs. 8 and 9 bears S.  $68^{\circ} 10'$  W., 34.30 chs. dist., hereinbefore described.

Thence

N.  $57^{\circ} 20'$  E., on NW. end line of the Mabel No. 2, identical with the end line of the Vermilion No. 1.

3.87 Intersect the northwest end center of claim, marked by a mound of stone, 3 ft. base, 2 ft. high.

7.81 Cor. No. 1 of the Mabel No. 2, identical with Cor. No. 1 of the Vermilion No. 1, and place of beginning.

Vermilion No. 1 Mining Claim.

Begin at the east location corner, Cor. No. 1, identical with Cor. No. 1 of the Mabel No. 2, hereinbefore described.

Thence

S.  $57^{\circ} 20'$  W., along SE. end line of claim.

3.94 Intersect the SE. end center of claim, identical with the NW. end center of the Mabel No. 2, hereinbefore described.

From this point, discovery shaft bears N.  $36^{\circ} 15'$  W., 13.31 chs. dist.

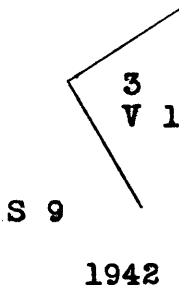
7.81 Cor. No. 2, identical with Cor. No. 4 of the Mabel No. 2, hereinbefore described.

Thence

N.  $37^{\circ} 42'$  W., along SW. side line of claim.

20.26 Intersect the west location corner, marked by a mound of stone, 3 ft. base, 2 ft. high.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with mound of stone to top, at Cor. No. 3 of the Vermilion No. 1 mining claim, with brass cap mkd.









CERTIFICATE OF SURVEYOR

Cadastral Engineer.

I, Benjamin J. Kinsey, Associate/, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22 day of April, 1942 received from the district cadastral engineer for California and Arizona, with assignment instructions dated December 20, 1941, I have surveyed Vermilion No. 1, Mabel No. 2 and Red Silica No. 2, mining claims, for segregation from Sections 8 and 9, Township 23 South, Range 23 East

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Ariz.  
January 11, 1944

Benjamin J. Kinsey  
Benjamin J. Kinsey  
Associate Cadastral Engineer.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, April 26, 1944.

The foregoing field notes of the survey of Vermilion No. 1, Mabel No. 2 and Red Silica No. 2, mining claims, for segregation from Sections 8 and 9, Township 23 South, Range 23 East

executed by Benjamin J. Kinsey, Associate Cadastral Engineer, under special instructions dated April 22, 1942, and assignment instructions dated December 20, 1941, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

[Signature]  
Acting Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in Secs. 8 & 9 T. 23 S., R. 23 E., is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.

Accepted 5/2/44