

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Of the Mineral Segregation Survey of the

Blue Brady Mineral Claim in

Section 29,

Township 19 South, Range 25 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Clarence E. Bilbray, Cadastral Engineer

Under special instructions dated June 25, 1952, which provided
for the surveys included under Group No. 284, approved July 3, 1952
and assignment instructions dated November 14, 1952

Survey commenced January 12, 1953

Survey completed January 13, 1953

4402

4402

1A

BOOK 4402

INDEX DIAGRAM

Township _____, Range _____

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This survey was executed with a light mountain solar transit made by W. and L. E. Gurley, Serial No. 371540, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and having been placed in satisfactory adjustment prior to the beginning of the survey, was tested and found free from appreciable error.

Measurements were made with a narrow steel tape, 5 chains in length, graduated to tenths of a link for the first ten links, every link for the remainder of the first 100 links and the balance at intervals of 10 links. The tape was tested by comparison with a standard 1 chain tape and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

Azimuth was determined by the solar transit method and checked by an altitude observation on the sun as follows.

January 13, 1953, at angle point No. 4 of the Blue Brady mining claim in sec. 29, T. 19 S., R. 25 E., in approximate latitude $31^{\circ} 44' 50''$ N., longitude $109^{\circ} 49' 55''$ W., at 8h 50m a.m. Mountain Standard Time, I make a series of three altitude observations of the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun.

Reference; angle point No. 3 to the east, horizontal angle measured to the right from reference to the sun.

Mean observed vertical angle -----	$14^{\circ} 36' 45''$
Sun's declination -----	$21^{\circ} 27' 16''$ S.
Mean horizontal angle reference to sun -----	$37^{\circ} 14' 00''$
Resulting bearing to reference -----	S. $89^{\circ} 59' 48''$ E.

The following field notes describes a metes-and-bounds survey of land classified as mineral bearing but not covered by mineral patent survey in sec. 29, T. 19 S., R. 25 E., G. & S. R. Mer., Ariz.

Mr. Brady, the claimant was on the ground and identified the discovery point from which this claim is layed out in cardinal directions.

Chains

Blue Brady Lode

At Angle Point No. 1

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

B B
AP 1

1953

No evidence was found of the location monument.

The $\frac{1}{4}$ sec. cor. of secs. 29 and 30, T. 19 S., R. 25 E., bears S. $79^{\circ} 00'$ W., 49.035 chs. dist.

Thence East, along N. end line.

Ascend 80 ft. over SW. slope.

4.545 N. end center from which the discovery point, bears South, 11.364 chs. dist

4.60 Top of ridge, bears NNW. and SSE.

BOOK 4402

Chains

9.09

Angle Point No. 2.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

B B
AP 2

1953

No evidence was found of the location monument.

Thence South.

Ascend 100 ft. over mountainous land.

3.50

Top of ridge, bears SSE. and NNW., descend 450 ft. over SW. slope.

22.727

Angle Point No. 3.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a mound of stone to top, with brass cap mkd.

B B
AP 3

1953

No evidence was found of the location monument.

Thence West.

Descend 140 ft. over SW. slope.

9.091

Angle Point No. 4.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a mound of stone to top, with brass cap mkd.

B B
AP 4

1953

No evidence was found of the location monument.

Thence North.

Ascend 510 ft. over SW. slope

22.727

Angle point No. 1 and the point of beginning.

Instructions provide for the survey and segregation of the Jo-Gabby mineral claim. The discovery point of the claim was found to be on patented land viz. the Bunker Hill Lode Mineral Survey No. 2743. The location of the discovery point was determined in the following manner; From the cor. of secs. 28, 29, 32, and 33, T. 19 S., R. 25 E., G. & S. R. M., corner 3 of said Bunker Hill Lode, bears N. $41^{\circ} 12' W.$, 11.24 chs. dist., and corner 4 of the Bunker Hill Lode, bears S. $63^{\circ} 19' W.$, 22.72 chs. dist. Then from corner No. 3 of the Bunker Hill Lode the discovery point of the Jo-Gabby mineral claim, bears S. $73^{\circ} 27' W.$, 3.97 chs. dist.

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BOOK 4411

CERTIFICATE OF CADASTRAL ENGINEER

I, Clarence E. Bilbray, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 25th day of June, 1952
I have ~~surveyed~~ executed the Mineral Segregation Survey of the Blue Brady Mining
Claim in Section 29, Township 19 South, Range 25 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.

Albuquerque, New Mexico

April 23, 1953

Clarence E. Bilbray

Cadastral Engineer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUN 9 1953, 1953

The foregoing field notes of the ~~survey of~~ Mineral Segregation Survey of the Blue Brady
Mining Claim in Section 29, Township 19 South, Range 25 East of the Gila and Salt
River Meridian, Arizona

executed by Clarence E. Bilbray

having been critically examined and found correct, are hereby approved.

Donald O. Bennett

Assistant Chief, Division of Cadastral Engineering.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in Sec. 29,
T. 19 S., R. 25 E., is a true copy of the original field notes.

Chief, Division of Cadastral Engineering.