

4-683

MINERAL SURVEY No. 4327

Arizona Land District.

## FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Charles W. Allen and Johanna Allen

KNOWN AS THE

SPRING NO. 1

Warren Mining District,

Cochise County, Arizona

Section 6, Township 23 S., Range 24 E., G. & S.R.M.

Surveyed under instructions dated May 14, 1948

by Ralph L. Motz  
U. S. Mineral Surveyor.

Claim located July 6, 1917

Survey commenced June 30, 1948

Survey completed July 2, 1948

Address of claimant's attorney, Anthony F. Deddens,  
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

August 21, 1942.

1948

MINERAL SURVEY NO. 2347

Arizona Land District

FIELD NOTES

of the survey of the Mining claim of

Charles A. Allen and Joseph Allen

known as the

Claim No. 1

Arizona

County

Arizona

County

Section 6

Township 23 N.

Range 15 E.

1948

July 14

Surveyed under conditions dated July 14, 1948

John A. Allen

by

E. S. Howard Surveyor

1948

July 8

Claim found

1948

June 30

Survey completed

1948

July

Survey completed

Witness of survey, a Notary, Anthony T. Nelson,  
Tucson, Arizona.

DATE OF APPROVED LOCATION

August 21, 1948.

## Survey No. 4327

This survey was made with a C. L. Berger & Sons precise transit, with horizontal limb 6.25 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored glass slide in a detachable prismatic eyepiece for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

July 2, 1948, at Cor. No. 1 of the Spring No. 1 lode, in Latitude  $31^{\circ} 27' 45''$  N., and longitude  $109^{\circ} 58'$  W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from Cor. No. 2 to the sun.

Mean time of observation, 105th meridian standard time 8 h., 20 m. A.M.

Declination of sun at mean time of observation  $23^{\circ} 01' 23''$  N.

Mean observed vertical angle to sun's center  $35^{\circ} 31'$

Mean horizontal angle from Cor. No. 2 to sun's center  $56^{\circ} 43'$  N-E

True bearing to Cor. No. 2 N.  $26^{\circ} 00'$  E.

The lines were measured with a Keuffel & Esser steel tape 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape 25 feet in length, graduated to feet, inches and fractions of inches for the entire length; all tapes were compared to a Lufkin standard at the time of beginning the survey, and found correct.

All lines and connections of the survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of  $12^{\circ} 30'$  East.

## Survey No. 4327

## SPRING NO. 1 LODE

At Cor. No. 1 of the Spring No. 1 lode

Set an iron pipe, 2 ins. diam., 36 ins. long, 18 ins. in the ground, with brass cap mkd. Sl-1-4327; from which

The  $1/4$  corner of Secs. 1, T. 23 S., R. 23 E., and 6, T. 23 S., R. 24 E., G. & S. R. M., bears S.  $78^{\circ} 33'$  W., 1121.7 ft. dist.; an iron post, 1 in. diam., 15 ins. above ground, with brass cap, firmly set, marked as described in the official record.

Thence N.  $26^{\circ} 00'$  E.

145 Tombstone Canyon, 15 feet wide, course N.  $85^{\circ}$  W.

285 Main telephone toll line, Bisbee to Tucson, bears N.  $75^{\circ}$  W., and S.  $75^{\circ}$  E.

300 Lode line; discovery point bears S.  $64^{\circ} 00'$  E., 300 ft.

feet	
	dist.
480	Electric Power line, bears N. 72° W., and S. 72° E.
600.0	Cor. No. 2, identical with Cor. No. 4 of Survey No. 3624 Herrin # 3 lode, An iron pipe, 3 1/2 ins. diam., 30 ins. above ground, set in concrete, with copper tag on side mkd. Sl-2- 4327; in addition to 4-3624 H 3. A monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist. Thence S. 64° 00' E.,
72	Electric Power line, bears North and South
845	Electric Power line, bears N. 72° W., and S. 72° E.
1500.0	Cor. No. 3, identical with Cor. No. 3 of Survey No. 3624 Herrin # 3 lode and situated on line 4-1 of Survey No. 3624 Little May lode An iron pipe, 3 1/2 ins. diam., 30 ins. above ground, set in concrete, with copper tag on side mkd. Sl-3- 4327; in addition to 3-3624 H 3. A monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist. A granite ledge, 22 x 78 ins., 6 ins. above ground bears N. 17° 47' W., 10.2 ft. dist., mkd. BR X Sl- 3-4327-3-3624. A granite rock in place, 23 x 34 ins., 14 ins. above ground bears S. 38° 38' E., 15.4 ft. dist., mkd. BR X Sl-3-4327-3-3624. Thence S. 26° 00' W.,
46	Tombstone Canyon, 10 ft. wide, bears WEST
50	Main telephone toll line, Bisbee to Tucson, bears N. 64° W., and S. 64° E.
230.0	Cor. No. 4 of Survey No. 3624 Little May lode
265	Center of road, bears S. 68° E., and S. 89° W.,
300	Lode line, discovery point bears N. 64° 00' W., 1200 ft. dist.
600.0	Cor. No. 4 Set an iron pipe, 2 1/2 ins. diam., 36 ins. long, 20 ins. in the ground, with brass cap, mkd. Sl-4-4327; from which A monument of rocks, 3 ft. high, bears northeasterly 3 ft. dist. Thence N. 64° 00' W.,
645	Center of road, bears S. 86° 30' W., and N. 86° 30' E.
914	Center of road, bears N. 14° W., and S. 14° E.
1500.0	Cor. No. 1, and place of beginning.

	AREA	acres
	Total area, Spring No. 1 lode	20.661
	LOCATION	
	This survey is located in the NE 1/4, SE 1/4, SW 1/4 and NW 1/4 of sec. 6, T. 23 S., R. 24 E., Gila and Salt River Meridian.	
	The survey of the Spring No. 1 lode is identical with the amended location as marked on the ground.	
	EXPENDITURES	
	The improvements and the value of the labor and improvements made upon this lode location by the claimants or their grantors are as follows:-	
No. 1	The discovery cut of the Spring No. 1 lode, the face of which being the discovery point is on the lode line 300 ft. from a point on line 1-2, 300 ft. from Cor. No. 1; 4 ft. wide, 10 ft. face, running South 18 ft. to face Value, \$100	
No. 2	A shaft, the center of which bears N. 40° E., 152 ft. dist, from Cor. No. 1 of the Spring No. 1 lode; 4 x 6 ft., 15 ft. deep Value, \$100	
No. 3	A shaft, the center of which bears S. 15° 30' E., 275 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 x 6 ft., 10 ft. deep Value \$75	
No. 4	An open cut, the mouth of which bears S. 12° 20' E., 330 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 ft. wide, 8 ft. face, running North 17 ft. to face Value \$75	
No. 5	An open cut, the mouth of which bears S. 40° 30' E., 340 ft. from Cor. No. 2 of the Spring No. 1 lode; 6 ft. wide, 8 ft. face, running North 8 ft. to face Value \$50	
No. 6	An open cut, the mouth of which bears S. 45° 30' E., 540 ft. from Cor. No. 2 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running N. 10° W., 10 ft. to face Value, \$25	
No. 7	An open cut, the mouth of which bears N. 70° 30' W., 700 ft. from Cor. No. 3 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running N. 45° W., 15 ft. to face Value, \$40	
No. 8	An open cut, the mouth of which bears N. 72° 15' W., 665 ft. from Cor. No. 3 of the Spring No. 1 lode; 6 ft. wide, 8 ft. face, running North 16 ft. to face Value, \$80	
No. 9	An open cut, the mouth of which bears N. 72° 15' W., 660 ft. from Cor. No. 3 of the Spring No. 1 lode; 4 ft. wide, 6 ft. face, running East 10 ft. to face Value \$25	

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Survey No. 3624 - Herrin # 3 lode: line 3-4 is correct as approved. Little May lode: Cor. No. 4 is an iron pipe set in concrete. Line 4-1 is correct as approved.

Field Assistants.

Charles L. Lewis

chainman

Jose Carbajal

axman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
Bureau of Land Management

FINAL OATH OF MINERAL SURVEYOR

I, Ralph L. Motz, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated May 14, 1948,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of  
Charles W. Allen and Johanna Allen, known as the  
Spring No. 1,  
situate in Warren Mining District,  
Cochise County, Arizona, in Section  
6, Township No. 23 S., Range No. 24 E., G&SRM  
and designated as Survey No. 4327, 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements made upon said mining claim by claimant or their  
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.

Ralph L. Motz  
(Mineral Surveyor)

Subscribed and sworn to by the said Ralph L. Motz  
Mineral Surveyor, before me W. H. Miescher, Notary Public  
this 2nd  
day of July, 19 48

W. H. Miescher  
Notary Public, in and for the  
~~County of Cochise, State of Arizona.~~  
My commission expires Feb. 3, 1949.





CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE BUREAU OF LAND MANAGEMENT PUBLIC SURVEY OFFICE

At Phoenix, Arizona

August 5, 1948

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Charles W. Allen and Johanna Allen

, known as the

SPRING NO. 1

situate in Warren mining district,

Cochise County, Arizona

in Section 6, Township No. 23 S., Range No. 24 E.

G. & S. R. M., designated as Survey No. 4327

executed by Ralph L. Motz, Mineral

Surveyor, June 30 to July 2, 1948, under my instructions dated

May 14, 1948, 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.

Frank W. Chapin Office Cadastral Engineer.

