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ORIGINAL  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

MINERAL SEGREGATION SURVEY

OF THE

SILVER BELL NO. 1, MINING CLAIM

IN

SECTION 20

TOWNSHIP 20 NORTH, RANGE 15 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

Paul K. Russell, Cartographic Survey Aid

Under special instructions dated October 5, 1954, which provided  
Supplemental special instructions dated January 27, 1956  
for the surveys included under Group No. 296, approved October 5, 1954  
January 27, 1956  
and assignment instructions dated April 16, 1956

Survey commenced April 24, 1956

Survey completed April 25, 1956

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# INDEX DIAGRAM

Township 20 North, Range 15 West

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## Township 20 North, Range 15 West

Chains

T. 20 N., R. 15 W., was subdivided by Smith, Nash and Mason in 1916.

This survey is to segregate the valid mining claim known as the Silver Bell No. 1, from the public lands in order to provide a basis for the transfer of land to Mohave County under the provisions of the Act of February 27, 1936 (49 Stat. 1144) and application Phoenix 077416.

Examination of the records discloses that the Silver Bell No. 1 claim was located July 1, 1922 by D. H. Echols and Mrs. Jessie T. Martin

The southeast end line of the Silver Bell No. 1 mining claim was marked by location corners identified by Clara B. Dickie, applicant, and were marked by wood posts. These corners are identified herein as AP 3 and AP 4. No evidence was found of the location corners marking the northwest end line of the claim nor of the discovery monument. The northwest end line was reestablished by running the lode line from the midpoint of the southeast end line northwesterly 1500 ft. in a direction to intersect the discovery of the Silver Bell No. 3 mining claim which was stated by the applicant to have a common end line with the Silver Bell No. 1 claim and a lode line with the same bearing. Then the northwest end line was established parallel to the southeast end line and with a length calculated to give a width of 300 ft. on each side of the lode line. The location corners as reestablished are identified as AP 1 and AP 2.

The survey was executed with W. and L. E. Gurley transit, serial No. 481347, equipped with full vertical circle and improved Smith-type telescopic solar attachment, and conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and placed in proper adjustment prior to the beginning of the field work.

The direction of all lines herein reported are determined by deflecting from a meridian established by a series of direct observations on the sun.

Measurements were made with a steel tape, 8 chs. in length, graduated every link for the first 100 links and thereafter at intervals of 5 lks. The tape was tested by comparison with a 1 chain standard steel tape and found correct. Measurements were made on the slope, with the vertical angle of each interval ascertained by two clinometers in good adjustment; the field notes showing the horizontal equivalents. All lines of the survey were run by direct methods.

The magnetic declination observed at each corner of the claim gave a uniform value of 15° E.

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 Mineral Segregation Sec. 20
 

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 Silver Bell No. 1 Claim
 

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At angle point 1 of the Silver Bell No. 1 claim

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd:

T20N15W

S20

AP1  
SBL  
1956

Raise a mound of stone, 2½ ft. base, 2 ft. high, S. and inside claim.

## Silver Bell No. 1 Claim

## Chains

The corner of secs. 17, 18, 19 and 20, T. 20 N., R. 15 W., G. and S. R. Mer., bears N. 54° 39' W., 40.69 chs. dist.; an iron post, 2 ins. diam., firmly set, marked and witnessed as described in the official record.

The  $\frac{1}{4}$  sec. cor. of secs. 17 and 20, bears N. 16° 09' E., 24.62 chs. dist.; a granite stone, 20 x 8 x 5 ins., mkd.  $\frac{1}{4}$  on N. face.

Thence S. 30° 00' W.

On line between AP 1 and AP 2

Descend 74 ft. over steep SW. slope.

4.59 The discovery point of the Silver Bell No. 3 mining claim, bears N. 52° 02' W., 86 lks. dist.

4.70 County road, gravelled, bears N. 45° W. and S. 45° E.

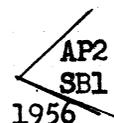
5.24 Wash, 10 lks. wide, 3 ft. deep, drains NW.; ascend 32 ft. over N. 25° E. slope.

6.84 Spur, projects N. 40° W., approximately 2 chs. to tip; continue ascent of N. 30° E. slope, 32 ft. to AP 2.

9.18 (605.88 ft.) AP 2 of the Silver Bell No. 1.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 18 ins. in the ground, to bedrock, and in a mound of stone to top, with brass cap mkd.

T20NRL5W

S20  1956

Raise a mound of stone, 2 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, S. and inside claim.

Thence S. 52° 45' E.

On line between AP 2 and AP 3

Ascend 217 ft. over general N. slope to AP 3.

6.30 Spur, projects N.

8.20 Draw, drains N. 30° E.

13.80 Spur, projects N. 50° W., thence along S. 30° W. slope.

16.50 Draw, drains N.

22.687 (1497.34 ft.) AP 3 of the Silver Bell No. 1, marked by a 4 x 4 in. white post, extending 3 ft. above ground and set in a mound of stone.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

AP3  
SB1  
S20  
T20NRL5W  
1956

Reset 4 x 4 in. white post alongside the iron post and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high, N. and inside claim.

## Silver Bell No. 1 Claim

- Chains From AP 3 the portal of the mine, bears N. 23° 55' W., 9.08 chs. dist.  
 Thence N. 30° 00' E.  
 On line between AP 3 and AP 4.  
 Descend 112 ft. over N. 30° E. slope.
- 4.17 Braw, drains N. 55° W.; ascend 66 ft. over S. 30° W. slope.
- 4.305 A 4 x 4 in. post, extending 4 ft. above ground and set in a mound of stone, bears N. 60° 04' W., 5½ lks. dist.
- 6.21 Telephone line, bears N. 35° W. and S. 35° E.
- 6.66 Power line, bears N. 60° W. and S. 60° E.
- 7.04 Spur, projects N. 60° W.; descend 42 ft. to AP 4.
- 8.61 (568.26 ft.) AP 4 of the Silver Bell No. 1, marked by a 4 x 4 in. white post, extending 3 ft. above ground and set in a mound of stone.  
 Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
- T20NRL5W

AP4  
SBL

S20

1956
- Reset the 4 x 4 in. post alongside the iron post and raise a mound of stone, 3 ft. base, 2 ft. high, N. and inside the claim.  
 Thence N. 51° 19' W.  
 On line between AP 4 and AP 1.
- 10.50 County road, gravelled, bears N. 50° E. and S. 50° W.
- 22.767 (1502.62 ft.) AP 1 of the Silver Bell No. 1 and the place of beginning.

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 General Description

This claim lies along the bottom and sides of Sawmill Canyon which drains northwesterly. The sides of the canyon are steep, with slopes of 40° to 50°. They are densely covered with manzanita, scrub oak and cedar. A few pine, oak and black walnut trees are found along the canyon bottom. The elevation is about 5800 to 6000 ft. and the climate is moderate, being cool in summer. Precipitation is about 13 ins. per annum, with snow in winter.

The county road from Kingman to Hualpai Mountain Park traverses the length of the area and is a well graded, gravel surfaced, all weather road.

The claim is located about 1 mile northwest of the summit of Hualpai Mountain and about 12 miles southeast of Kingman, Arizona.

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4-680  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Craig P. Sylvester	Transitman
LeRoy N. McCulley	Rear Chainman; notes:
Boyd S. Owens	Front Chainman
Dee Von Thompson	Flagman
Vergean Porter	Axeman - Cornerman
Darwin L. Turner	Axeman - Cornerman

CERTIFICATE OF CADASTRAL ENGINEER

I, Paul K. Russell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of October, 1954 and supplemental special instructions bearing date of 27th day of January, 1956 I have ~~made~~ made a mineral segregation survey in section 20, T. 20 N., R. 15 W.

of the G. & S. R. 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.

Salt Lake City, Utah  
May 7, 1956

Paul K. Russell  
Paul K. Russell  
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,  
Washington, D. C., AUG 9 1956, 19

The foregoing field notes of the ~~made~~ mineral segregation survey in section 20, T. 20 N., R. 15 W., G. & S. R. Mer., Arizona

executed by Paul K. Russell, Cartographic Survey Aid having been critically examined and found correct, are hereby approved.

Earl G. Harrington  
Chief, Division of Cadastral Engineering.  
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, is a true copy of the original field notes.~~

~~Chief, Division of Cadastral Engineering.~~