

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4525 Amd.

State

Arizona

Land District

Arizona

Of the Survey of the Mining Claim of *(name and address of Claimant)*

Manna Woodworth
c/o Joseph H. Morgan, Attorney
322 Luhrs Building
Phoenix, Arizona

Known as the *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Fire Agate lode	4/2/57	10/21/58

Mining district		County	
Winifred		Maricopa	
Section	Township	Range	Meridian
22 & 27	4 N.	3 E.	G. & S. R.
Survey commenced		Survey completed	Name of Mineral Surveyor
Mar. 20, 1965		Apr. 1, 1965	Harvey W. Smith

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

STATE	UTAH
COUNTY	BEHATCH
TOWNSHIP	13N
RANGE	10E
SECTION	18

The purpose of this field note is to record the results of the survey of the land described below.

The survey was conducted by
C. Thomas Jordan, Attorney
at Law, Salt Lake City, Utah

DESCRIPTION OF LOCATION NAME AND LOCATION AS SHOWN ON

DATE	NAME OF PLACE
1917	BEHATCH

ALL RIGHTS RESERVED

DATE OF SURVEY	1917
BY	C. Thomas Jordan
FOR	Beatch
STATE	Utah
COUNTY	Beatch
TOWNSHIP	13N
RANGE	10E
SECTION	18

SURVEY NO. 4525 AMD.

(1)

FEET

This survey was made with a Swiss Kern theodolite, model DKM1, No. 77769, having horizontal and vertical circles 50 mm. in diam. The circles are graduated in degrees and twenty-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to 10 seconds accuracy and estimating to one second accuracy. The instrument is equipped with a colored eye-shade to be attached for making direct observations on 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 horizontal-angles-right referred to the meridian established by direct observation on the sun. At 09:50 AM on Mar. 25, 1964 at cor. No. 4 of the Fire Agate lode, latitude 33° 39' 46.6" North, longitude 112° 03' 02.5" West, turning from a reference pt. about 800 ft. north clockwise to the sun in an east direction.

True bearing of reference pt.
No. 0° 06' W.

The lines were measured with a Lufkin "Highway" steel tape, 300 ft. in length graduated every ft. for 299 ft. and the remaining ft. graduated to tenths and hundredths. One additional ft. at the "O" end of the tape is also graduated in tenths and hundredths. The tape was compared to a standard and found to be correct. All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 14° East.

SURVEY NO. 4525 AMD.

At cor. No. 1 of the Fire Agate lode, on line 1-2, Sur. No. 4429, Scarlet Wedge lode.

Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4525 F A 1 X; from which

The cor. of secs. 21, 22, 27 & 28, T.4N., R.3E., G. & S.R.B. & M., bears S. 0°06'E., 148.84 ft.; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, properly mkd. and witnessed as described in the official record.

A mound of stones constructed adjacent to the iron post.

Thence N. 51° 59' 40" E.

65.13

Cor. No. 1, Sur. No. 4429 of the Scarlet Wedge lode

FEET	
	identical with cor. No. 1, Sur. No. 4293, of the Scarlet lode.
380.0	Lode line; discovery cut bears S. $0^{\circ} 05' 30''$ E., 352 ft.
665.19	Cor. No. 4, Sur. No. 4293, of the Scarlet lode.
760.0	Cor. No. 2 This pt. falls on a boulder, 10 x 10 ft. in size, 10 ft. high, on the NE. side of which at a pt. 8 ft. above the ground I inscribe MS 4525 F A 2 X; from which Cor. No. 1, Sur. No. 1906, of the Kruger lode, bears S. $5^{\circ} 17' 20''$ W., 388.24 ft. dist. A mound of stones constructed atop the boulder Thence S. $0^{\circ} 05' 30''$ E.
409.03	Intersect line 1-2, Sur. No. 1906, of the Kruger lode, at a pt. from which cor. No. 1 bears N. $58^{\circ} 23'$ W., 42.79 ft. dist.
608.26	Intersect the line between Secs. 22 & 27, T. 4N, R. 3E, G. & S. R. B. & M. at a pt. from which the cor. of Secs. 21, 22, 27 & 28 bears S. $89^{\circ} 11'$ W., 599.63 ft. dist.
1115.20	Intersect line 3-4, Sur. No. 1906, of the Kruger lode at a pt. from which cor. No. 4 bears N. $58^{\circ} 23'$ W., 412.25 ft. dist.
1500.0	Cor. No. 3 Set a galvanized iron post, $3/4$ in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4525 F A 3 X; from which A mound of stones constructed adjacent to the iron post. Thence S. $51^{\circ} 59' 40''$ W.
380.0	lode line; discovery cut bears N. $0^{\circ} 05' 30''$ W., 1148 ft. dist.
747.93	Witness pt. for Cor. No. 4 Set a galvanized iron post, $3/4$ in. diam., 30 ins. long, in a 25 pound concrete and rock base, 18 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. MS 4525 F A 4 W. C. X; from which A mound of stones constructed adjacent to the iron post.
759.73	Unimproved dirt road bears N. $0^{\circ} 30'$ W. and South.

SURVEY NO. 4525 AMD.

(3)

FEET 759.73	<p>Cor. No. 4 on the line between Secs. 27 & 28, T. 4N., R. 3E., G. & S. R. B. & M.</p> <p>This pt. falls in the center of an unimproved dirt road where a permanent monument is impractical.</p> <p style="text-align: center;">Thence N. 0° 06' W.</p>
1350.99	<p>The cor. of secs. 21, 22, 27 & 28, T. 4N., R. 3 E., G. & S. R. B. & M.</p>
1499.83	<p>Cor. No. 1 and the place of beginning.</p>
SURVEY NO. 4525 AMD.	
AREAS	
	ACRES
Total area Fire Agate Lode	20.643
Area in conflict with	
Sur. No. 1906, Kruger lode	3.138
Sec. 27, T. 4N., R. 3E., G. & S. R. B. & M.	15.433
Sec. 27, T. 4N., R. 3E., G. & S. R. B. & M., exclusive of its conflict with Sur. No. 1906, Kruger lode	12.821
LOCATION	
<p>This survey is located in the SW 1/4 of Sec. 22 and the NW 1/4 of Sec. 27, T. 4N., R. 3E., G. & S. R. B. & M.</p> <p>The survey of the Fire Agate lode is identical with the amended location as marked on the ground.</p>	
EXPENDITURES	
<p>The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or his grantors are as follows:</p>	
No. 1	<p>The discovery cut of the Fire Agate lode is on the lode line, 352 ft. from a pt on line 1-2, 380.0 ft. from Cor. No. 1, 20 ft. wide and 3 ft. deep at the SE. end running N. 60° W., 15 ft. to a width of 4 ft. thence another 36 ft. to a width of 8 ft. and a depth of 8 ft.</p> <p style="text-align: right;">Value \$500.00</p>
No. 2	<p>A pit, the NW. cor. of which bears S. 12° E., 120 ft. from a cor. No. 1 of the Fire Agate lode; 4 x 6 ft. in size, 4 ft. deep.</p> <p style="text-align: right;">Value \$50.00</p>
No. 3	<p>A shaft, timbered at the collar, the NW. cor. of which bears S. 81° 30'E., 105 ft. dist. from cor. No. 1 of the Fire Agate lode; 6 x 8 ft. in size, 65 ft. deep.</p> <p style="text-align: right;">Value, \$3000.00 Value apportioned this owner, \$500.00</p>
No. 4	<p>A pit, the NW. cor. of which bears S. 56° E., 70 ft.</p>

FEET

dist. from cor. No. 1 of the Fire Agate lode; 4 x 6 ft. in size, 6 ft. deep.

Value, \$75.00

No. 5 A pit, the SW. cor. of which bears N. 61° E., 50 ft. dist. from cor. No. 1 of the Fire Agate lode; 4 x 6 ft. in size, 6 ft. deep.

Value, \$75.00

No. 6 A pit, the NW. cor. of which bears S. 79° E. 150 ft. dist. from cor. No. 1 of the Fire Agate lode; 4 x 6 ft. in size, 3 ft. deep.

Value, \$25.00

No. 7 A pit, the NW. cor. of which bears S. 75° E. 190 ft. dist. from cor. No. 1 of the Fire Agate lode; 8 x 8 ft. in size, 3 ft. deep.

Value, \$35.00

No. 8 A pit, the NW. cor. of which bears S. 73° E., 210 ft. dist. from cor. No. 1 of the Fire Agate lode; 6 x 10 ft. in size, 6 ft. average depth.

Value, \$150.00

No. 9 A pit, the NW. cor. of which bears S. 71° E., 235 ft. dist. from cor. No. 1 of the Fire Agate lode; 4 x 5 ft. in size, 8 ft. deep.

Value, \$125.00

No. 10 A pit, the NW. cor. of which bears S. 70° 30' E., 255 ft. dist. from cor. No. 1 of the Fire Agate lode; 3 x 5 ft. in size, 4 ft. deep.

Value, \$50.00

No. 11 A shaft, untimbered, the NW cor. of which bears S. 67° E., 350 ft. dist. from cor. No. 1 of the Fire Agate lode; 4 x 5 ft. in size, 20 ft. deep.

Value, \$1000.00

Value apportioned this owner \$200.00

OTHER IMPROVEMENTS

A wood - frame ore bin, the NW. cor. of which bears S. 69° E., 90 ft. dist. from cor. No. 1 of the Fire Agate lode; 8 x 8 ft. in size, 10 ft. high.

Claimant herein.

A cut, the NW. cor. of which bears S. 18° W., 175 ft. dist. from cor. No. 2 of the Fire Agate lode; 8 ft. wide, running S. 70° E., 25 ft. to an 8 ft. fence.

Claimant unknown.

SURVEY NO. 4525 AMD.

(5)

FEET

A pit, the NE. cor. of which bears S. 34° W., 575 ft. dist. from cor. No. 2 of the Fire Agate lode; 3 x 4 ft. in size, 2 ft. deep.

Claimant unknown

A pit, the NE. cor. of which bears S. 36° 30' W., 505 ft. from cor. No. 2 of the Fire Agate lode; 2 x 9 ft. in size, 3 ft. deep.

Claimant unknown

An irregular shaped pit, the SE. cor. of which bears N. 45° W., 25 ft. dist. from cor. No. 3 of the Fire Agate lode; average width 100 ft., average depth 3 1/2 ft. and running west, 450 ft.

Claimant unknown

OTHER CORNER DESCRIPTIONS
 AND SUPPLEMENTAL DATA

Sur. No. 1906, Kruger lode; Cor. No. 1 is a stone, 10 x 10 ins. in size, 8 ins. above ground, mkd. 1906 K 1 X, cor. No. 4 is a stone monument with a wood post, 4 x 4 ins., 4 ft. above ground in the center which I accept as the corner. Line 4-1 was found to be N. 31°27'15" E., 600.77 feet instead of N. 31°37' E., 600.00 ft. as approved. The tie from cor. No. 1 of the Kruger lode to the cor. of secs. 21, 22, 27 & 28 was found to be S. 67°45'10" W., 608.10 ft. instead of S. 67°54' W., 607.1 ft. as approved.

Sur. No. 4293, Scarlet lode; Cors. Nos. 1 & 4 are iron posts, 3/4 in. diam., 12 ins. and 24 ins. above ground respectively, firmly set and properly mkd. as described in the official record. Cor. No. 1 is identical with cor. No. 1, Sur. No. 4429, Scarlet Wedge lode. Line 4-1 was found to be S. 51°59'40" W., 600.06 ft. instead of S. 51°51' W., 599.70 ft. as approved. Lines 1-2 and 3-4 are shown as approved. Line 1-2 is identical with line 4-1, Sur. No. 4429 Scarlet Wedge lode.

Sur. No. 4429, Scarlet Wedge lode; Cor. No. 1 described above, cor. No. 2 is an iron post, 3/4 in. diam., 18 ins. above ground, firmly set and properly mkd. as described in the official record. Line 1-2 was found to be S. 51°59'40" W. instead of S. 51°53' W. as described in the official record. Line 4-1 is identical with line 1-2, Sur. No. 4293, Scarlet lode, described above.

The line between Secs. 22 & 27, T. 4N., R. 3 E., G.&.S.R.B.&.M. is shown as approved.

FIELD ASSISTANTS

Name	Capacity
Lloyd Cleveland	Chainman-Axeman

FEET		
0-10	
10-20	
20-30	
30-40	
40-50	
50-60	
60-70	
70-80	
80-90	
90-100	
100-110	
110-120	
120-130	
130-140	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Harvey W. Smith	Date April 16, 1965
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I HEREBY CERTIFY That in pursuance of an ^{Amended} order received from the Chief Division of Engineering, at Phoenix, Arizona, dated March 2, 1965, I have carefully executed the survey of the claim of Manna Woodworth, known as the (lode, placer, or mill site) Fire Agate Lode, situated in Winifred Mining District, Maricopa County, Secs. 22 & 27, Township 4N, Range 3E, G & S R B & Meridian, in the State of Arizona.

This survey, designated as number 4525 Amd, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Fire Agate lode location(s) embraced in the said mining claim by claimant(s) or his grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Scottsdale, Arizona
(Location)

Harvey W. Smith
(Signature of Mineral Surveyor)
Harvey W. Smith

CERTIFICATE OF APPROVAL

Office Arizona State Office Bureau of Land Management
Location Phoenix, Arizona
Date May 18, 1965

The foregoing field notes of mineral survey number 4525 Amd, in Sections 22 and 27, Township 4 N., Range 3 E., Gila and Salt River Meridian, in the State of Arizona, ^{Amended}, executed by Harvey W. Smith, Mineral Surveyor, under order dated March 2, 1965, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

Fred J. Weller
(Authorized Signature)
Fred J. Weller

State Director
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature) (Title)

Title 18, U. S. C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

April 10, 1952

Harvey W. Smith

Chief, Division of Reclamation
U. S. Department of the Interior
Washington, D. C.

Dear Mr. Smith:

Reference is made to your letter of April 8, 1952, regarding the proposed acquisition of certain lands in the State of California.

The Bureau of Land Management is currently reviewing the proposed acquisition of the lands in question and will advise you of the results of its review as soon as possible.

Very truly yours,
Director

Enclosed for you are two copies of a report on the proposed acquisition of the lands in question. This report contains a description of the lands and a statement of the Bureau's position on the proposed acquisition.

Very truly yours,
Director

Enclosed for you are two copies of a report on the proposed acquisition of the lands in question. This report contains a description of the lands and a statement of the Bureau's position on the proposed acquisition.

Very truly yours,
Director

Enclosed for you are two copies of a report on the proposed acquisition of the lands in question. This report contains a description of the lands and a statement of the Bureau's position on the proposed acquisition.

Very truly yours,
Director

[Handwritten signature]

Director

Very truly yours,
Director

Very truly yours,
Director