

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4534

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

George W. and Ruth K. Botsford, Daniel F. Norton, Jr. and  
Jacqueline T. Norton

Known As The

George Botsford (No.3) Placer and George Botsford (No.4) Placer  
Cave Creek Mining District,  
Maricopa County, Arizona

Section 35, Township 3N, Range 3E.

Surveyed under order dated July 12, 1960.

by Harvey W. Smith  
Mineral Surveyor.

Claim located April 4, 1955.

Survey commenced July 15, 1960.

Survey completed August 1, 1960.

Address of claimant 130 Pima Plaza - Scottsdale, Arizona

DATES OF AMENDED LOCATIONS

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REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

BY THE DIRECTOR

1901

PRINTED BY THE GOVERNMENT PRINTER

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SURVEY NO. 4534

Chains  
Feet

This survey was made with a K. and E. transit No. 51591, with horizontal limb 5.5 ins. diam.; having two double opposite verniers, and full vertical circle 4.5 ins. diam., having one double vernier; the verniers read to one minute of arc; 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 08:00 AM on August 1, 1960 at Cor. No. 1 of the George Botsford (No. 3) placer, latitude  $33^{\circ}33'33''$  North, longitude  $112^{\circ}02'34''$  West, turning from a reference pt. about 1300 ft. southeast clockwise to the sun in an east direction. True bearing of reference pt.

The lines were measured with a Lufkin steel tape, 300 ft. in length graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths. The tape was compared to a standard at the beginning of the survey 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  $14^{\circ}35'$  East.

SURVEY NO. 4534

George Botsford (No. 3) Placer

Beginning at Cor. No. 1 of the George Botsford (No. 3) Placer common to secs. 26, 27, 34 and 35, T. 3N.; R. 3E., G. & S. R. - B. & M., an iron post, 2 ins. diam., 12 ins. above ground with a brass cap, firmly set, marked and witnessed as described in the official record to which I add marks MS 4534 GB 3 1; from which

A mound of stones constructed adjacent to the iron post.

Thence  $S.88^{\circ}52'E$ .

740.0 Center line Shea Boulevard, a paved highway, bears  $N.38^{\circ}E$  and  $S.38^{\circ}W$ .

840.0 Unimproved dirt road bears  $N.15^{\circ}E$  and  $S.15^{\circ}W$ .

1030.0 Right bank, dry drainage, 25 ft. wide, course  $S.30^{\circ}W$ .

1150.0 Power line bears  $N.32^{\circ}E$  and  $S.32^{\circ}W$ .

Chains Feet	Foot
1462.53	<p>Cor. No. 2, identical with the W. 1/16 cor. between secs. 26 and 35.</p> <p>Found an iron post, 3/4 in. diam. with brass cap, firmly set, marked and witnessed as described in the official record to which I add marks MS 4534 GB 3 2; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 0° 03' 50" W.</p>
590.0	<p>Unimproved road bears N. 85° W. and S. 85° E.</p>
725.0	<p>Unimproved road bears N. 65° E. and S. 65° W.</p>
1241.82	<p>Cor. No. 3 identical with Cor. No. 2, George Botsford (No. 4) placer of this survey and the NW. 1/16 cor. of sec. 35.</p> <p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base 18 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4534 GB 3 3 GB 4 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S. 89° 47' W.</p>
659.63	<p>Intersect east side line of state of Arizona materials site at a pt. from which the NE. cor. bears N. 0° 03' 30" W., 628.72 ft. dist.</p>
659.63	<p>Unimproved road bears N. 45° W. and S. 45° E.</p>
1130.0	<p>Left bank, dry drainage, 25 ft. wide, course S. 45° W.</p>
1190.0	<p>Power line bears N. 44° E. and S. 44° W.</p>
1190.0	<p>Unimproved road bears N. 45° W.</p>
1370.0	<p>Unimproved road bears N. 70° E. and S. 70° W.</p>
1459.63	<p>Cor. No. 4 identical with Cor. No. 1, George Botsford (No. 4) placer of this survey and with the N. 1/16 cor. between secs. 34 and 35.</p> <p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base 20 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the post, mkd. MS 4534 GB 3 4 GB 4 1 X 1/16; from which</p>

SURVEY NO. 4534

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(3)

Chains- Feet	Chain Feet
	<p>A mound of stones constructed adjacent to the iron post.</p> <p>Cor. No. 3, identical with the CW 1/16 cor. of sec. 35.</p> <p>An unimproved road bears N. 65° E. and S. 65° W.</p> <p>This cor. falls in drainage where a monument, if constructed, would not be permanent.</p> <p>Thence N. 0° 03' 20" W.</p>
200.0	<p>Unimproved road bears N. 35° E. and S. 35° W.</p>
638.14	<p>Intersect North end line of state of Arizona materials site at a pt. from which the NE. cor. bears S. 89° 32' 30" E., 800.0 ft. dist.</p>
682.74	<p>Center line Shea Boulevard, a paved highway bears N. 75° E. and S. 75° W.</p>
1276.29	<p>Cor. No. 1 and place of beginning</p>
	<p>George Botsford (No. 4) Placer</p> <p>At Cor. No. 1 of the George Botsford (No. 4) placer, identical with Cor. No. 4, George Botsford (No. 3) placer of this survey; previously described.</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N. 89° 47' E.</p>
89.63	<p>Unimproved road bears N. 70° E. and S. 70° W.</p>
269.63	<p>Unimproved road bears N. 45° W.</p>
269.63	<p>Power line bears N. 44° E. and S. 44° W.</p>
329.63	<p>Right bank, dry drainage, 25 ft. wide, course S. 45° W.</p>
800.0	<p>Intersect the east side line of the state of Arizona materials site at a pt. from which the SE. cor. bears S. 0° 02' 55" E., 628.75 ft. dist.</p>
1459.63	<p>Cor. No. 2 identical with Cor. No. 3, George Botsford (No. 3) placer of this survey; previously described.</p> <p>Thence S. 0° 03' 50" W.</p>
1176.07	<p>Witness pt. for Cor. No. 3.</p> <p>Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base, 20 ins. in the ground, with a brass cap 2 ins. diam., firmly fastened within the iron post, mkd. MS 4534 GB 4 3 WC X; from which</p> <p>Area in conflict with State of Arizona materials site</p> <p>A mound of stones constructed adjacent to the iron post.</p>

Chains Feet	
1230.0	Rt. bank, dry drainage, 25 ft. wide, course N.30° W.
1242.07	Cor. No.3, identical with the CW 1/16 cor. of sec.35.
1242.07	This cor. falls in a dry drainage where a monument, if constructed, would not be permanent.
20.0	Thence S.88°25'45"W.
20.0	Left bank, dry drainage, 25 ft. wide, course N.30° W.
85.0	Unimproved road bears N.30° W. and S.30° E.
1457.54	Cor. No.4 identical with the 1/2 cor. between secs. 34 and 35, T.3N., R.3E., G.&S.R.B.M.
1457.54	Found a stone, 6x10 ins. , 10 ins. above the ground mkd. 1/2.
1457.54	Set a galvanized iron post, 3/4 in. diam., 30 ins. long, in a 15 pound concrete and rock base, 20 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, set at an angle so that the brass cap is immediately above the stone 1/2 cor. pt., mkd. MS 4534 CB 4-4 X; from which
1457.54	A mound of stones constructed adjacent to the iron post.
1457.54	Thence N.0°03'20"W.
290.0	Unimproved road bears N.35° E. and S.35° W.
360.0	Southeast edge improvement No.3.
638.14	Intersect south end line of state of Arizona materials site at a pt. from which the SE. cor. bears N.89°06'40" E., 800.0 ft. dist.
980.0	Power line bears N.44° E. and S.44° W.
1170.0	Left bank, dry drainage, 25 ft. wide, course S.70° W.
1240.0	Unimproved road bears S.70° W. and N.70° E.
1276.29	Cor. No.1 and place of beginning.

AREAS	
Acres	Total area George Botsford (No.3)
42.226	Area in conflict with State of Arizona materials site
11.633	Area in conflict with State of Arizona materials site

Chains  
Feet

Acres

1190 ft.	Total area George Botsford (No. 4) A	42.155
1190 ft.	Placer (No. 4) of the George Botsford (No. 4) placer	11.633
8 ft.	Area in conflict with State of Arizona materials site	

LOCATION

OTHER IMPROVEMENTS

This survey is located in the W $\frac{1}{2}$  of the NW $\frac{1}{4}$ , sec. 35, T. 3N., R. 3 E., G. & S. R. E. & M.

The survey of the George Botsford (No. 3) and (No. 4) placers is identical with the respective location or amended location as marked on the ground.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the placer locations embraced in said claim by the claimants or their grantors are as follows:

- No. 1 The discovery pt. of the George Botsford (No. 3) placer is Cor. No. 2. Value, None
- No. 2 A pit, the NE. cor. of which bears S. 68° 30' E., 830 ft. dist. from Cor. No. 1 of the George Botsford (No. 3) placer; 100 ft. wide at the NE. end, 300 ft. wide at the SW. end, running S. 35° W., 1400 ft. with an average depth of 6 ft. Value, \$2000.
- No. 3 A pit, the NW. cor. of which bears S. 60° E., 990 ft. dist. from Cor. No. 1 of the George Botsford (No. 3) placer; 100 ft. average width running S. 45° E. 300 ft. with an average depth of 3 ft. Value, \$750.
- No. 1 The discovery pt. of the George Botsford (No. 4) placer is Cor. No. 2. Value, None
- No. 2 A pit, the W. edge of which bears S. 80° E., 815 ft. dist. from Cor. No. 1 of the George Botsford (No. 4) placer; 120 ft. in diameter, with an average depth of 2½ ft. Value, \$500.
- No. 3 A cut, the North end of which bears S. 2° E., 830 ft. from Cor. No. 1 of the George Botsford (No. 4) placer; 20 ft. wide, running S. 20° W. 55 ft. with an average depth of 3 ft. Value, \$350.

X

-Claims

No. 4

A pit, the NE. end of which bears S.54°E., 1190 ft. dist. from Cor. No.1 of the George Botsford (No.4) placer; 5 ft. wide; average depth 8 ft. and running S.45°W., 50 ft.

Value, \$300.

LOCATION

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND

SUPPLEMENTAL DATA

The 1/2 cor. between secs. 26 and 35 is an iron post with a brass cap firmly set, marked and witnessed as described in the official record.

The cor. of secs. 25, 26, 35 and 36, T.3N., R.3E., G.&S.R.B.&M. is an iron post with a brass cap, firmly set, marked and witnessed as described in the official record.

The 1/2 cor. between secs. 35 and 36 is a stone firmly set, marked and witnessed as described in the official record.

The Cor. of secs. 35, 36, 1&2; T.2-3N., R.3E., G.&S.-R.B.&M. is a stone, loosely set, but marked and witnessed as described in the official record. Reset stone in a larger mound of stones.

The cor. of secs. 34, 35, 2&3, T.2-3N., R.3E. is an iron post, 1/2 in. diam. in a mound of stones.

The 1/2 cor. between secs. 35 & 2, T.2-3N., R.3E., G.&S.R.B.&M. was not found. Set an iron post, 1/2 in. diam. 24 ins. long, 12 ins. in the ground. Construct mound of stones around iron post.

The center-point of the section, set an iron post, 3/4 in. diam., 24 ins. long, 12 ins. in the ground. Construct mound of stones around the iron post.

The corners of the state of Arizona materials site are iron posts, 3/4 in. diam., with a brass cap, 2 ins. diam., 12 ins. above ground, mkd. NWC, NEC., SWC and SEC state land, respectively.

## SURVEY NO. 4534

(7)

Claims-

## DESCRIPTIVE REPORT

In accordance with Revised Statutes, sec. 2331 (30 U.S.C., Sec.35), the following descriptive report on the George Botsford (Nos. 3 and 4) placers is made.

The George Botsford (No.3) and (No.4) placers are located at an elevation of approximately 1500 ft. with no mantle of soil practically speaking. The ground is rocky and permits only the usual Arizona vegetation - cacti, greasewood, palo verde trees, cat-claw - to grow.

There is no stream or other body of water on the claims.

A description of all the workings may be found under "Expenditures" in the regular field notes.

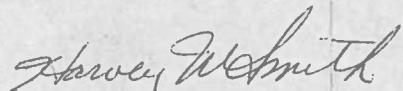
Sunnyslope, a part of the city of Phoenix, is located approximately 4 miles in a westerly direction.

There are patented lode mining claims in sec. 34, T.3N., R.3E., G.&S.R.B.&M.

Stone for building construction is readily mined from the claims and a considerable amount has already been mined.

No development work was necessary as the stone is readily available from surface pits. An improved road, Shea Boulevard, crosses the NW. cor. of the George Botsford (No.3) placer and unimproved roads provide access to the claims.

There are no mines, salt licks, salt springs, or mill sites on the claim.



Harvey W. Smith, EM.

U.S. Mineral Land Surveyor

SURVEY NO. 4234

Chains

DESCRIPTIVE REPORT

In accordance with Revised Statutes, sec. 2331 (30 U.S.C., Sec. 32), the following descriptive report on the George Botard (Nos. 3 and 4) placers is made. The George Botard (No. 3) and (No. 4) placers are located at an elevation of approximately 1500 ft. with no mantle of soil practically speaking. The ground is rocky and contains only the usual Arizona vegetation - cacti, greasewood, palo verde trees, cat-claw - to grow. There is no stream or other body of water on the

claims. A description of all the workings may be found under "Expenditures" in the regular field notes. Swanyslope, a part of the city of Phoenix, is located approximately 4 miles in a westerly direction. There are patented lode mining claims in sec. 34, T. 3N., R. 3E., G. 2S., R. 3E. Stone for building construction is readily mined from the claims and a considerable amount has already been mined. No development work was necessary as the stone is readily available from surface pits. An improved road, Shea Boulevard, crosses the NW. cor. of the George Botard (No. 3) placer and improved roads provide access to the claims. There are no mines, salt licks, salt springs, or mill sites on the claim.

Harvey W. Smith, EM.  
U.S. Mineral Land Surveyor

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

10

CERTIFICATE OF SURVEYOR

Aug. 31, 19 60

I, Harvey W. Smith,

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_

Cadastral Engineer, at Phoenix, Arizona

dated July 12, 1960, I have faithfully and correctly executed the survey of  
George W. and Ruth K. Botsford, Daniel F. Norton, Jr.,  
the mining claim of Jacqueline T. Norton

known as the George Botsford (No.3) Placer and George Botsford (No.4) Placer,  
(Lode, placer, or mill site)

situate in Maricopa County, Cave Creek Mining District, Section 35

T. 3N., R. 3E., G.&S.R.B.& Meridian, Arizona, and  
(State)

designated as Survey No. 4534, which is 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 order,  
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, and I do further certify that the labor expended and improvements made

upon or for the benefit of the placer location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or their grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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  
(Place)

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

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office  
(Office)

Phoenix, Arizona December 1, 1960  
(Place) (Date)

The foregoing field notes of mineral survey No. 4534, in Cave Creek Mining District

Section 35, T. 3 North, R. 3 East, Gila and Salt River Meridian,

Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State)

under order dated July 12, 1960, 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.

Lester S. Mann  
Lester S. Mann  
Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.

\_\_\_\_\_  
(Title)

