

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4510

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Alfarata B. Hansel, Robert P. Hansel, Ruth M. Burns and
Walter E. Burns

Known As The

5 Mile Lake placer

Unknown Mining District,

Coconino County, Arizona

Section 10 & 15, Township 12N., Range 8E.
(unsurveyed)
Surveyed under order dated Sept. 17, 1959.

by Harvey W. Smith
Mineral Surveyor.

Claim located 12/15, 1955.

Survey commenced Sept. 17, 1959.

Survey completed Sept. 20, 1959.

Address of claimant 35 E. Indianola, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Sept. 1, 1959

SURVEY NO. 4510

(1)

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 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 8:16 A.M. on Sept. 17, 1959, at Cor. No. 1 of the 5 Mile Lake Placer Claim, latitude $34^{\circ}26'26.8''$ North, longitude $111^{\circ}31'3.4''$ West, turning from a reference point about 600 ft. southwest clockwise to the sun in an east direction.

True bearing of the reference pt.
 $S.26^{\circ}06'50''W.$

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 $14^{\circ}E.$

5 MILE LAKE PLACER CLAIM

At Cor. No. 1 of the 5 Mile Lake Placer Claim.

Set a galvanized iron post, 18 ins. long, $3/4$ in. diam., in a 15 lb. concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4510 5 ML 1 X; from which

The cor. of secs. 21, 22, 27, & 28, T. 12N., R. 8E., G. & S. R. B. & M., bears $S.10^{\circ}54'20''W.$, 10,944.65 ft. dist.; a sandstone rock 10x18 ins., 10 ins. above ground firmly set, marked, and witnessed as described in the official record.

A mound of stones constructed adjacent to the iron post.

Thence $S.34^{\circ}56'10''E.$

961.08 Cor. No. 2

Set a galvanized iron post, 18 ins. long, $3/4$ in. diam., in a 15 lb. concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4510 5 ML 2 X; from which

A mound of stones constructed adjacent to the iron post.

Thence $S.26^{\circ}06'50''W.$

SURVEY NO. 4510

(2)

Chains Feet	
852.70	<p>Cor. No.3</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a fifteen pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4510 5 ML 3 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.25 47'10"W.</p>
1068.65	<p>Cor. No.4</p> <p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 pound concrete and rock base, 12 ins. in the ground, with a rass cap, 2 ins. diam., firmly fastened within the iron post mkd. MS 4510 5 ML 4 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence N.26 06'50"E.</p>
658.53	<p>Cor. No.1 and place of beginning.</p>

Survey No.4510

AREAS

Total area, 5 Mile Lake Placer

Acres
14,588

LOCATION

This survey is located in the SW 1/4 sec. 10 and the NW 1/4 sec. 15, T.12N., R.8E., G.&S.R.B.&M., unsurveyed.

The survey of the 5 Mile Lake Placer claim is identical with the respective location or amended location as marked on the ground

Thence S.34°56'10"E.

Cor. No.2 961.08

	<p>Set a galvanized iron post, 18 ins. long, 3/4 in. diam., in a 15 lb. concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly fastened within the iron post, mkd. MS 4510 5 ML 2 X; from which</p> <p>A mound of stones constructed adjacent to the iron post.</p> <p>Thence S.26°06'50"W.</p>
--	--

SURVEY NO. 4510

(3)

Chains-
Feet

EXPENDITURES

Chains-
Feet

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 mining claim by the claimant or its grantors are as follows:

- No. 1 The discovery point of the 5 Mile Lake Placer claim bears S. 12° 30' E., 545 ft. dist. from Cor. No. 1. Value, None
- No. 2 A pit, the northeast cor. of which bears S. 23° W., 300 ft. dist. from Cor. No. 1 of the 5 Mile Lake Placer claim; 12x12 ft. in size, 1 foot deep. Value, \$35.
- No. 3 A pit, the northeast cor. of which bears S. 18° 30' W., 415 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 6x8 ft. in size, 2 ft. deep. Value, \$25.
- No. 4 A pit, the northeast cor. of which bears S. 9° W., 510 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 8x10 ft. in size, 2 ft. deep. Value, \$40.
- No. 5 A pit, the northeast cor. of which bears S. 7° W., 465 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 8x20 ft. in size, 4 ft. deep. Value, \$100.
- No. 6 A pit, the northwest cor. of which bears S. 6° E., 435 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 4x12 ft. in size, 2 ft. deep. Value, \$25.
- No. 7 A pit, the northwest cor. of which bears S. 7° E., 405 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 6x10 ft. in size, 2 ft. deep. Value, \$30.
- No. 8 A pit, the northwest cor. of which bears S. 9° 30' E., 440 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 8x8 ft. in size, 2 ft. deep. Value, \$35.
- No. 9 A pit, the northwest cor. of which bears S. 12° E., 475 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 8x10 ft. in size, 3 ft. deep. Value, \$50.
- No. 10 A pit, the northwest cor. of which bears S. 12° E., 490 ft. dist. from Cor. No. 1 of the 5 Mile Lake placer claim; 6x8 ft. in size, 4 ft. deep. Value, \$70.

Chains Feet	EXPENDITURES	Feet
No.11	A pit, the northwest cor. of which bears S.7°30'E., 530 ft. dist. from Cor. No.1 of the 5 Mile Lake placer claim; 8x18 ft. in size, 3 ft. deep. Value, \$80.	
No.12	A pit, the northwest cor. of which bears S.4°E., 520 ft. dist. from Cor. No.1 of the 5 Mile Lake placer claim; 6x8 ft. in size, 2 ft. deep. Value, \$25.	
No.13	A pit, the northwest cor. of which bears S.1°E., 530 ft. dist. from Cor. No.1 of the 5 Mile Lake placer claim; 15x15 ft. in size, 2 ft. deep. Value, \$80.	
	OTHER IMPROVEMENTS None	
	OTHER CORNER DESCRIPTIONS & SUPPLEMENTAL DATA None	
	FIELD ASSISTANTS	
	Name Capacity	
	Richard Cleveland Chainman-Axeman	
	DESCRIPTIVE REPORT	
	<p>In accordance with Revised Statutes, sec. 2331 (30 U.S.C. sec. 35), the following descriptive report on the 5 Mile Lake placer claim is made:</p> <p>The 5 Mile Lake placer claim is located at an elevation of approximately 6800 ft. and is covered with a mantle of soil that permits a considerable growth of ponderosa pine trees. There is no other major growth.</p> <p>There is no stream or other body of water on the claim.</p> <p>A description of all the workings may be found under "Expenditures" in the regular field notes.</p> <p>Strawberry, a small settlement is located approximately 3 miles in a southerly direction by road. Payson, a small town, is located in a southeasterly direction, 23 miles.</p> <p>No lode deposits are known in the area.</p> <p>Flagstone for building construction is readily mined from the claim as a considerable amount has already been mined and sold.</p>	

SURVEY NO. 4510

(5)

Chains
Feet

anjan

No development work was necessary as the stone is readily available from surface pits. An unimproved road provides access for $\frac{1}{4}$ mile from the county road to the claim.

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

Harvey W. Smith

Harvey W. Smith, E.M.
U.S. Mineral Land Surveyor

X

SURVEY NO. 6510

Chains

Quartz
Feet

No development work was necessary as the stone is readily available from surface pits. An unimproved road provides access for 1/2 mile from the county road to the claim.

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

Harvey W. Smith
 Harvey W. Smith, E.M.
 U.S. Mineral Land Surveyor

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Dec. 28, 19 59

I, Harvey W. Smith
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Cadastral
Engineer, BLM., at Phoenix, Arizona
dated Sept. 17, 1959, I have faithfully and correctly executed the survey of
the mining claim of Alfarata B. Hansel, Robert P. Hansel, Ruth M. Burns and
Walter E. Burns
known as the 5 Mile Lake Placer
(Lode, placer, or mill site)
situate in Coconino County, Secs. 10 & 15 (unsurveyed)
T. 12N., R. 8E., G. & S. R. B. & Meridian, Arizona, and
(State)
designated as Survey No. 4510, 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 April 19, 19 60
(Place) (Date)

The foregoing field notes of mineral survey No. 4510, in unsurveyed sections 10 and 15
Arizona, T. 12 North, R. 8 East, Gila & Salt River Meridian,
(State) executed by Harvey W. Smith, Mineral Surveyor,
under order dated September 17, 1959, 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)

