

Form 3400-11
(September 1967)
(formerly 4-683)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4796

State

Arizona

Land District

Arizona

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

Mr. James W. Copeman
P. O. Box 642
Apache Junction, Arizona 85220

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

| NAME OF LOCATION | DATE | |
|-------------------|---------|----------|
| | LOCATED | AMENDED |
| Palmer Mine No. 1 | 5/6/67 | 12/20/78 |
| Palmer Mine No. 2 | 5/6/67 | 12/20/78 |

| | | | | |
|-----------------------------------|---------------------|-----------------------------------|---|---|
| Mining district Superstition | | | County Pinal | |
| Section 6 & 7 | Township 1 North | Range 9 East | Meridian G. & S.R.M. | Survey under order dated 1/31/78 & 1/16/79 |
| Survey commenced Feb. 16, 1978 | | Survey completed Jan. 19, 1979 | Name of Mineral Surveyor Harvey W. Smith | |

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 FIELD NOTES

Mr. James W. Johnson
 P. O. Box 412
 Apache Junction, Arizona 85220

Patrol Mine No. 1
 Patrol Mine No. 2

APPROXIMATE LOCATION OF PATROL MINE NO. 1
 Twp. 18.10N. R. 10.10E. S. 22
 Twp. 18.10N. R. 10.10E. S. 22
 Twp. 18.10N. R. 10.10E. S. 22

FEET

This survey was made with a Swiss Kern theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to 10-second accuracy and estimating to one-second accuracy. 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 determined by the following observation:

Feb. 16, 1978, at Cor. No. 1 of the Palmer Mine No. 1 lode, in latitude $33^{\circ}26'53''N.$, and longitude $111^{\circ}28'08''W.$, elevation 2,480. ft. above sea level, and temperature $50^{\circ}F.$, make a series of six altitude observations on 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 a reference point about 1000. ft. southwestward S.E. to the sun.

Mean time of observation,
105th meridian standard
time = $10^h29^m07.5^s$ a.m.

Declination of sun at mean
time of observation = $12^{\circ}16'05.5''S.$

Mean observed vertical
angle to sun's center = $37^{\circ}56'58''$

Mean horizontal angle from
reference point to sun's
center = $255^{\circ}02'$

True bearing to reference
point = $S.71^{\circ}52'W.$

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 an Invar standard tape at the beginning of the survey and found to be correct.

In addition to the steel tape, a K & E Micro-Ranger infrared distance measuring unit was used to measure some of the lines. Its accuracy was checked against a line measured with the foregoing steel tape.

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 $13^{\circ}00'E.$

Mineral Survey No. 4796

| FEET | | |
|----------|--|--|
| | PALMER MINE No. 1 LODE | |
| | At Cor. No. 1 of the Palmer Mine No. 1 lode, identical with Cor. No. 4 of the Palmer Mine No. 2 lode of this survey. | |
| | Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 1 1 P.M. 2 4 U.S.M.S. 4796; from which | |
| | The cor. of secs. 1, 6, 7 and 12, T.1 N., R.9 E., G. & S.R.M., bears N.62°13'28"W., 2,159.14 ft. dist., monumented with an iron post, 2 ins in diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. | |
| | A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. | |
| | No local bearing objects or bearing trees available. | |
| | Thence S.76°37'E. | |
| 238. | Center of unimproved dirt road, 10. ft. wide, bears N.47°E. and S.12°W. | |
| 299.75 | Lode line; discovery point bears S.13°23'W., 150 ft. dist. | |
| 599.50 | Cor. No. 2, identical with Cor. No. 3 of the Palmer Mine No. 2 lode of this survey. | |
| | Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 1 2 P.M. 2 3 U.S.M.S. 4796; from which | |
| | A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. | |
| | No local bearing objects or bearing trees available. | |
| | Thence S.13°23'W. | |
| 1,499.50 | Cor. No. 3. | |
| | Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 1 3 U.S.M.S. 4796; from which | |
| | A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. | |
| | No local bearing objects or bearing trees available. | |

| FEET | |
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| | Thence N.76°37'W. |
| 299.75 | Lode line, discovery point bears N.13°23'E., 1349.5 ft. dist. |
| 599.50 | Cor. No. 4. Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 1 4 U.S.M.S. 4796; from which A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. No local bearing objects or bearing trees available. |
| | Thence N.13°23'E. |
| 940. | Center of unimproved dirt road, 10. ft. wide, bears N.50°W. and S.50°E. |
| 1,499.50 | Cor. No. 1, and place of beginning. |
| | PALMER MINE No. 2 LODE |
| | At Cor. No. 1 of the Palmer Mine No. 2 lode. Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 2 1 U.S.M.S. 4796; from which The 1/4 sec. cor. of secs. 6 & 7, T.1 N., R.9 E., G. & S.R.M., bears S.38°49'18"E., 593.13 ft. dist., monumented with an iron post, 1 in. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd. A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. No local bearing objects or bearing trees available. |
| | Thence S.76°37'E. |
| 299.75 | Lode line; discovery point bears S.13°23'W., 1,449.5 ft. dist. |
| 599.50 | Cor. No. 2. Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X P.M. 2 2 U.S.M.S. 4796; from which A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post. |

(This form bound on left side)

| FEET | |
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| | No local bearing objects or bearing trees available. |
| 333.09 | Intersect the line between secs. 6 and 7 at a point from which the 1/4 sec. cor. of secs 6 and 7 bears N.89°42'W., 134.29 ft. dist.; heretofore described. |
| 1,499.50 | Cor. No. 3, identical with Cor. No. 2 of the Palmer Mine No. 1 lode of this survey. Thence N.76°37'W. |
| 299.75 | Lode line; discovery point bears N.13°23'E., 50 ft. dist. |
| 361.5 | Center of unimproved dirt road, 10 ft. wide, bears N.47°E. and S.12°W. |
| 599.50 | Cor. No. 4, identical with Cor. No. 1 of the Palmer Mine No. 1 lode of this survey. Thence N.13°23'E. |
| 1,026.29 | Intersect the line between secs. 6 and 7 at a point from which the 1/4 sec. cor. of secs. 6 and 7 bears S.89°47'32"E., 481.36 ft dist.; heretofore described. |
| 1,499.50 | Cor. No. 1, and place of beginning. |
| Mineral Survey No. 4796 | |
| AREAS | |
| | Total area Palmer Mine No. 1 Lode--- 20.637 |
| | Area in conflict with --- |
| | N 1/2 sec. 7----- 20.637 |
| | Total area Palmer Mine No. 2 Lode--- 20.637 |
| | Area in conflict with --- |
| | S 1/2 sec. 6----- 5.547 |
| | N 1/2 sec. 7----- 15.090 |
| LOCATION | |
| This survey is located in the SE 1/4 and SW 1/4 sec. 6 and NW 1/4 and NE 1/4 sec. 7, T.1 N., R.9 E., G. & S.R.M.. | |
| The survey of the Palmer Mine Nos. 1 and 2 lodes 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 lode locations embraced in said mining claim by the claimants or their grantors are as follows: | |
| No. 1 | The discovery point of the Palmer Mine No. 1 lode is on the lode line, 150. ft. from a point on line 1-2, 299.75 ft. from Cor. No. 1. Value None |

| FEET | |
|---|---|
| No. 2 | An untimbered inclined shaft, 4 X 5 ft. in size, of which the NW cor. of the collar bears S.58°30'E., 300 ft from Cor. No. 1 of the Palmer Mine No. 1 lode. Inclined at 30° and bearing N.13°E., depth unknown as it is nearly full of water. Value \$500.00 |
| No. 1 | The discovery point of the Palmer Mine No. 2 lode is on the lode line 50. ft. from a point on line 3-4, 299.75 ft. from Cor. No. 3. Value None |
| No. 2 | A V-shaped cut, the SW cor. of which bears S.87°30'E., 325 ft. dist. from Cor. No. 4 of the Palmer Mine No. 2 lode. From the SW Cor. the cut runs East, 20. ft. to a face, 12 ft. high, inclined southeastward; thence North, 20. ft. Value \$1,500.00 |
| OTHER IMPROVEMENTS | |
| An untimbered shaft, 8 X 8 ft. in size, of which the NW cor. of the collar bears S.49°E., 330. ft. dist from Cor. No. 1 of the Palmer Mine No. 1 lode. Depth, 50 + ft. Claimant unknown | |
| An untimbered shaft, 10 ft. diam., of which the NW edge of the collar bears S.53°E., 540. ft. dist. from Cor. No. 1 of the Palmer Mine No. 2 lode. Depth, 20 ft. Claimant unknown | |
| OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA | |
| The cor. of secs. 1, 6, 7 and 12 and the 1/4 sec. cor. of secs. 6 and 7 described above. The North 1/16 sec. cor. between secs. 7 and 12 is an iron post, 2 ins. diam., 12 ins. above ground, firmly set and properly mkd. The lines between the 1/16 sec. cor. and the cor. of secs. 1, 6, 7 and 12 was found to be N.0°04'42"W., 1321.52 ft. instead of N.0°04'W., 1321.32 ft., as approved. The line between the 1/4 sec. cor. of secs. 7 and 12 and the 1/16 sec cor. is shown as approved. The line between secs. 6 and 7 from the 1/4 sec. cor. to the cor. of secs. 1, 6, 7 and 12 was found to be S.89°47'32"E., 2,629.34 ft. instead of S.89°42'E., 2,626.80 ft. as approved. The line east of the 1/4 sec. cor. is shown as approved. | |
| MEMORANDUM | |
| None | |
| FIELD ASSISTANTS | |
| Name | Capacity |
| Gary Shew | Assistant-Instrumentman |
| Stanley VanMeter | Chainman-Axeman |

FEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

| | |
|---|--------------------------|
| Name of Mineral Surveyor Harvey W. Smith | Date January 24, 1979 |
|---|--------------------------|

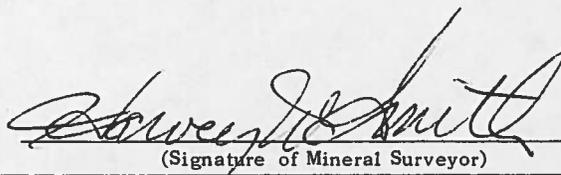
I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated Jan. 31, 1978 & Jan. 16, 1979, I have carefully executed the survey of the claim of Mr. James W. Copeman known as the (lode, placer, or mill site) Palmer Mine Nos. 1 and 2 Lodes situated in Pinal County, Sections 6 & 7, Township 1 North Range 9 East G. & S. R. Meridian, in the State of Arizona.

This survey, designated as number 4796, 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 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) Palmer Mine Nos. 1 and 2 Lodes 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, AZ

(Location)



(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

| |
|--------------------------------|
| Office Arizona State Office |
| Location Phoenix, Arizona |
| Date November 7, 1979 |

The foregoing field notes of mineral survey number 4796, in Sections 6 & 7, Range 9 E., Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith/ & Amd., Mineral Surveyor, under order dated Jan. 31, 1978 / Jan. 16, 1979, 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.



Boyd S. Owens (Authorized Signature)

Chief, Branch of Cadastral Survey

(Title)

CERTIFICATE OF TRANSCRIPT

I HEREBY 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.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)
BUREAU OF LAND MANAGEMENT M.S. 4796
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Palmer Mine No.1 and 2 lodes, Mineral Survey No. 4796, located in sections 6 and 7, Township 1 North, Range 9 East, Gila and Salt River Meridian, Arizona, are hereby canceled.

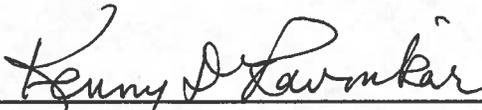
These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Palmer Mine No.1 and 2 lodes, M.S. 4796 were canceled February 3, 1999, by memo 9605 (952) M.S. 4796, which is now a part of the original field notes."

February 3, 1999
Date



Chief Cadastral Surveyor of Arizona

