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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number: 4799
State: Arizona
Land District: Arizona

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

Ruth M. Thompson
6201 W. Pierson
Phoenix, Arizona 85033

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE LOCATED	DATE AMENDED
RED TWISTER #1	7/1/71	12/1/73
RED TWISTER #2	7/1/71	12/1/73

Mining district: Weaver			County: Yavapai	
Section: 25	Township: 10 N.	Range: 5 W.	Meridian: Gila & Salt River	Survey under order dated: April 17, 1979
Survey commenced: April 28, 1979	Survey completed: Oct. 27, 1979		Name of Mineral Surveyor: Robert E. Adams	

Form 9600–19
(May 1978)
(formerly 9180–21)

Mineral Survey No. 4799

FEET

This survey was made with a Universal Wild T2 Theodolite No. T2-68064, reading by optical micrometer to one second 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 deflection angles referred to the meridian determined by the following observation:

May 12, 1979, at Cor. No. 4 of the RED TWISTER #1 placer in latitude 34° 10' 26" N., and longitude 112° 43' 41" W., elevation 3580 ft. above sea level, and a temperature 85° 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 Cor. No. 3 of the RED TWISTER #1 placer to the sun.

Mean time of observation, 105th meridian standard time = $3^h31^m18^s$ p.m.
Declination of sun at mean time of observation = 18°09'41" N.
Mean observed vertical angle of sun's center = 46°10'58"
Mean horizontal angle right from reference point to sun's center = 303°02'36"
True bearing to reference point = N.42°26'20"W.

The lines were measured with a Lufkin steel tape 300 ft. in length, graduated every foot throughout its length with the 99th, 199th, and 299th foot graduated to tenths and hundredths of a foot and a Cubitape DM-60 No. 008 with direct distance readout. Both tape and Cubitape were compared with a standard tape or baseline at the time of beginning 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 12° E.

RED TWISTER #1 PLACER

At Cor. No. 1 of the RED TWISTER #1 placer.

Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 15 ins. in the ground and in a cemented mound of stone,

Mineral Survey No. 4799

FEET	
	with a brass cap 2½ ins. diam. firmly secured in the iron pipe, mkd. RT1-1, 4799; from which
	The ¼ cor. of secs. 25 and 36, T. 10 N., R. 5 W., Gila and Salt River Mer., bears S. 87°28' 06" E., 641.25 ft. dist.; monumented with an iron post 3/4 ins. diam., 12 ins. above ground, firmly set, with brass cap properly mkd.
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence N. 42°26'20" W.
30.	Brow of hill overlooking Antelope Creek.
237.	Center of Antelope Creek, 46 ft. wide, course S. 43° W.
1150.	Top of ridge, bears S. 40° W. and N. 40° E.
1320.00	Cor. No. 2, identical with Cor. No. 1 of the RED TWISTER #2 placer of this survey.
	Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 19 ins. in the ground and in a cemented mound of stones, with a brass cap 2½ ins. diam. firmly secured to the iron pipe mkd. RT1-2, RT2-1, 4799.
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence N. 47°33'40" E.
275.	Wash, 3 ft. wide, course S. 80° E.
367.	Center of Indian Creek, 18 ft. wide, course S. 40° E.
392.	Center of road, 10 ft. wide, bears N. 12° W. and S. 12° E.
512.	Fence, 5 strand barb wire, bears N. 50° W. and S. 50° E.
600.00	Cor. No. 3, identical with Cor. No. 4 of the RED TWISTER #2 placer of this survey.
	Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 10 ins. in the ground and in a cemented mound of stones, with a brass cap 2½ ins. diam. firmly secured to the iron pipe mkd. RT1-3, RT2-4, 4799.

Form 9600–19
(May 1978)
(formerly 9180–21)

Mineral Survey 4799

FEET	
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence S. 42°26'20" E.
490.	Wash, 6 ft. wide, course S. 25° E.
530.	Wash, 6 ft. wide, course E.
741.	Center of Antelope Creek, 40 ft. wide, course S. 52° W.
895.	Brow of hill.
994.	Road, 15 ft. wide, bears S. 22° W. and N. 22° E.
1250.	Power line, 3 wire, bears N. 5° E. and S. 5° W.
1295.	Wash, 3 ft. wide, course S. 50° W.
1320.00	Cor. No. 4
	Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 13 ins. in the ground and in a cemented mound of stones, with a brass cap 2½ ins. diam. firmly secured to the iron pipe mkd. RT1-4, 4799.
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence S. 47°33'40" W.
68.	Power line, 3 wire, bears N. 5° E. and S. 5° W. Road, 10 ft. wide, bears S. 47° E. and N. 47° W.
180.	Fence, barb wire, bears S. 12° E. and N. 12° W.
226.	Road, 19 ft. wide, bears S. 12° E. and N. 12° W.
550.	Wash, 4 ft. wide, course S. 12° E.
600.00	Cor. No. 1, and place of beginning.
	RED TWISTER #2 PLACER
	Beginning at Cor. No. 1 of the RED TWISTER #2 placer, identical with Cor. No. 2 of the RED TWISTER #1 placer of this survey; from which
	The ¼ cor. of secs. 25 and 36, bears S. 56°47'23" E., 1830.31 ft. dist., heretofore described.
	Thence N. 42°26'20" W.

(This form bound on left side)

Mineral Survey No. 4799

FEET	
21.	Wash, 5 ft. wide, course N. 57° E.
499.	Wash, 5 ft. wide, course N. 72° E.
1270.	Wash, 1 ft. wide, course N. 47° E.
1312.	Ridge, bears N. 47° E. and S. 47° W.
1320.00	Cor. No. 2
	Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 16 ins. in the ground and in a cemented mound of stones, with a brass cap 2½ ins. diam. firmly secured to the iron pipe mkd. RT2-2, 4799.
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence N. 47°33'40" E.
190.	Center of Indian Creek, 20 ft. wide, course S. 42° E.
348.	Fence, barb wire, bears S. 50° E. and N. 50° W.
560.	Road, 10 ft. wide, bears S. 65° E. and N. 65° W.
600.00	Cor. No. 3.
	Set a galvanized iron pipe 3/4 ins. diam., 30 ins. long, 14 ins. in the ground and in a cemented mound of stones, with a brass cap 2½ ins. diam. firmly secured to the iron pipe mkd. RT2-3, 4799.
	A white 4 in. by 4 in. by 5 ft. wood post in a mound of stones adjacent to the iron pipe.
	Thence S. 42°26'20" E.
77.	Road, 10 ft. wide, bears S. 65° E. and N. 65° W.
1200.	Trench, 3 ft. wide, 2 ft. deep, bears S. 37° W., 50 ft. and N 37° E., 5 ft.
1320.00	Cor. No. 4, identical with Cor. No. 3 of the RED TWISTER #1 placer of this survey.
	Thence S. 47°33'40" W.
88.	Fence, 5 strand barb wire, bears N. 50° W. and S. 50° E.
208.	Center of road, 10 ft. wide, bears N. 12° W. and S. 12° E.

Form 9600–19
(May 1978)
(formerly 9180–21)

Mineral Survey No. 4799

FEET	
233.	Center of Indian Creek, 18 ft. wide, course S. 40° E.
325.	Wash, 3 ft. wide, course S. 80° E.
600.00	Cor. No. 1, and place of beginning.

AREAS

	Acres
Total area, RED TWISTER #1 placer	18.182
Total area, RED TWISTER #2 placer	18.182

LOCATION

This survey is located in the SW¼ sec. 25, of T. 10 N., R. 5 W., Gila and Salt River Base and Meridian, Arizona.

The survey of the RED TWISTER #1 and the RED TWISTER #2 placers is identical with the amended locations as marked on the ground.

EXPENDITURES

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

No. 1	Water storage pond, 100 x 35 ft., 10 to 15 ft. deep, the north end of which bears N. 27°52' W., 757 ft. from Cor. No. 1 RED TWISTER #1 placer. Value, $250.
No. 2	A pit, 9 x 9 ft. in size by 6 ft. deep in the bed of Antelope Creek, the easterly edge of which bears N. 6° 18' W., 692 ft. from Cor. No. 1 RED TWISTER #1 placer. Value, $100.
No. 3	A cut, the west end of which bears N. 1°52' W., 693 ft. from Cor. No. 1 RED TWISTER #1 placer; 18 ft. wide, 8 ft. deep, running S. 60° E., 10 ft. to face. Value, $200.
No. 4	A cut, the west end of which bears N. 10°19' W., 543 ft. from Cor. No. 1 RED TWISTER #1 placer; 8 ft. wide, 4 ft. deep, running S. 60° E., 8 ft. to face. Value, $75.
No. 5	A pit, 14 x 10 ft. in size by 5 ft. deep in the bed of Antelope Creek, the easterly edge of which bears N. 15° 41' W., 539 ft. from Cor. No. 1 RED TWISTER #1 placer. Value, $150.

(This form bound on left side)

FEET	
No. 6	Access road, 400 ft. in length was constructed to provide access of equipment to Antelope Creek near the south boundary of the RED TWISTER #1 placer. Value, $100.
No. 1	A trench, the south end of which bears N. 68°27' W., 1080 ft. from Cor. No. 4 RED TWISTER #2 placer; 30 ft. wide, average 6 ft. deep, running N. 40° W., 60 ft. Value, $250.
No. 2	A trench, the south end of which bears N. 79°00' W., 432 ft. from Cor. No. 4 RED TWISTER #2 placer; 15 ft. wide, average 3 ft. deep, running N. 47° W., 50 ft. Value, $150.
No. 3	A trench, the south end of which bears S 48° W., 233 ft. from Cor. No. 4 RED TWISTER #2 placer; in the bed of Indian Creek, 15 ft. wide, average 2 ft. deep, running N. 40° W., 75 ft. Value, $75.
	An interest in a common improvement described as follows:
	Access road, 2200 ft. in length beginning at Antelope Creek and extending 1100 ft. northwesterly to line 2-3 of the RED TWISTER #1 placer, thence 1100 ft. northwesterly into the RED TWISTER #2 placer. This road was constructed to provide access of equipment to the upper reaches of Indian Creek. Value of road, $600. Value of one-half interest, $300.
	OTHER IMPROVEMENTS
	A trench, the south end of which bears N. 66° 21' W., 121 ft. from Cor. No. 4 RED TWISTER #2 placer; 3 ft. wide, 2 ft. deep, running N. 37° E., 55 ft. Claimant unknown.
	A 32 ft. travel trailer the north end of which bears N. 4°21' W., 490 ft. from Cor. No. 1 RED TWISTER #1 placer. Claimant herein.
	Metal storage shed, 10 x 10 ft. in size on a concrete floor, the northwest corner of which bears N. 0°41' W., 518 ft. from Cor. No. 1 of the RED TWISTER #1 placer. Claimant herein.
	No portion of or interest in these improvements has been credited heretofore as patent expenditures to any placer claim.

Form 9600–19
(May 1978)
(formerly 9180–21)

Mineral Survey No. 4799

FEET

FIELD ASSISTANTS

Name	Capacity
Bill Troutman	Instrumentman
Frank Troutman	Chainman

DESCRIPTIVE REPORT

Soil is decomposed granite containing some clay. In the vicinity of Antelope Creek, soil is typical alluvium with aggregate of granite ranging in size to 2 ft. diameter. Natural vegetative ground cover is primarily cat claw, mesquite, various cacti and some grass. An occasional cottonwood tree is located in the bottom of washes.

Antelope Creek crosses the RED TWISTER #1 placer while Indian Creek traverses RED TWISTER #2 placer and flows into Antelope Creek within RED TWISTER #1. During the course of the survey, both creeks flowed with substantial flows occurring in May and much smaller flows occurring in October 1979.

No underground workings were noted. The only surface working found was a trench 3 ft. wide, 2 ft. deep, 55 ft. in length located northwest 120 ft. dist. from Cor. No. 4, RED TWISTER #2.

The nearest community is Congress located about 12 miles westerly.

There are no well-known lode deposits in the vicinity.

Alluvium deposits are available in quantity for placer operations in the vicinity of Antelope and Indian Creeks. During the course of this survey adequate surface water flows were available for small scale placer operations.

There are no known mines, salt licks, salt springs or mill sites located on the RED TWISTER #1 and the RED TWISTER #2 placers.

(This form bound on left side)

	FEET		

Form 3860–7
(November 1976)
(formerly 3400–8)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Robert E. Adams	October 29, 1979

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated April 17, 1979, I have carefully executed the survey of the claim of Ruth M. Thompson, known as the (~~lode, placer, or mill site~~) RED TWISTER #1 & RED TWISTER #2, situated in Sec. 25, Township 10 N., Range 5 W., Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4799, 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)* placer location(s) embraced in the said mining claim by claimant(s) or its 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.

Phoenix, Arizona
(Location)

Robert E. Adams
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office: Arizona State Office
Location: Phoenix, Arizona
Date: November 5, 1979

The foregoing field notes of mineral survey number 4799, in Section 25, [X] surveyed [ ] unsurveyed Township 10 N., Range 5 W., Gila and Salt River Meridian, in the State of Arizona, executed by Robert E. Adams, Mineral Surveyor, under order dated April 17, 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)
~~Boyd S. Owens~~

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.