

Form 3860-10
(February 1987)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey Number

4882

State

Arizona

Land District

Arizona

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

Gold Road Red Top Mining Company
5460 Ward Road #370
Arvada, Colorado 80002

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

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
RED TOP	09/19/ 1900	09/25/ 1900	03/12/ 1979	35951
	04/08/ 1993	04/13/ 1993	04/19/ 1993	

LOCATION OF CLAIM(S)

Mining district San Francisco			County Mohave	
Section 13	Township 19 North	Range 20 West	Meridian G. & S.R.	Survey under order dated May 5, 1993
Survey commenced July 17, 1993		Survey completed August 8, 1993	Name of Mineral Surveyor Jack M. Kesler	

FEET

This survey was made with a Topcon TL-20DE Digital Theodolite No. A31771, with horizontal limb 2.76 ins. diam., and full vertical circle 2.76 ins. diam. both circles being read with an optical micrometer whose least count is 20 arc seconds; the instrument is equipped with a special reticle for observing the sun's center; the eyepiece is equipped with a filter for observing the sun directly. The instrument was in good condition at the time of the survey, and all adjustments were in order.

All azimuths in this record were determined by the method of double horizontal angles measured to the right referred to the meridian determined by the following observations:

On July 11, 1993 at a point in latitude $35^{\circ}02'11''N.$, and longitude $114^{\circ}21'32''W.$, I make a series of 12 (6D,6R) hour angle observations upon the sun for azimuth, observing the center of the sun, and reading the horizontal angle to the right from a reference point $1/4$ mile southwest NE to the sun.

Mean time of observation, UT1
universal time 15h30m46.6s

Declination of sun at
mean UT1 N. $22^{\circ}02'44.1''$

Computed mean altitude of
observation UT1 $34^{\circ}01'49''$

Mean horizontal angle from
reference point to sun's
center $210^{\circ}59'12''$

True bearing to the
reference point S. $54^{\circ}26'44''W.$

The lines were measured with a Topcon DM-S1 Electronic Distance Meter No. B31084; which was compared with the Kingman Calibration Base Line at the time of beginning the survey, and found to be working correctly.

All lines and connections of this survey were run by traverses, upon the ground. The open nature of the traverses used required the following procedure so as to verify the data gathered. All angles were doubled and the horizon closed. All distances were measured in feet and meters and the suitable

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	<p>reductions made. Additional solar observations were made near the west 1/4 sec. cor. of sec. 18 hereinafter described and convergence of meridians was allowed for.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 13°05'E.</p> <hr/> <p style="text-align: center;">Mineral Survey No. 4882</p> <hr/> <p style="text-align: center;">RED TOP</p> <p>At Cor. No. 1 of the Red Top, identical with the NW Cor. of the Red Top Extension lode, unsurveyed, in latitude 35°01'59"N and longitude 114°21'28"W.</p> <p>Found a 5/8 in. diam. rebar, extending 6 ins. above ground, add aluminum cap, 2 ins. diam. mkd. RT-1-4882; from which</p> <p style="padding-left: 40px;">The west 1/4 sec. cor. of sec. 18, T.19 N, R.19 W., Gila and Salt River Meridian, bears S.82°51'35"E., 2142.07 ft. dist.; monumented with an aluminum pipe, 1 ins. diam., extending 18 ins. above ground in a mound of stone, firmly set, with aluminum cap properly mkd.</p> <p style="padding-left: 40px;">A stone 10 x 8 ins., 12 ins. above ground, scribed 1/4 on west face, with mound of stone 3 ft high, 3 ft base on west side, bears S.85°40'05"E., 2132.61 ft. dist.</p> <p style="padding-left: 40px;">A grey rock in place, 36 x 30 ins., 18 ins. above ground, bears S.28°01'W., 31.56 ft. dist., mkd. X BO-RT-1-4882.</p> <p style="text-align: center;">Thence S.40°09'15"W.</p> <p>97. Road, 8 ft. wide bears N.78°E. and S.78°W.</p> <p>321.52 Lode line; discovery point bears N.71°12'30"W., 1445.90 ft. dist.</p> <p>383. Ridge line, bears S.62°E. and N.62° W.</p> <p>643.04 Cor. No. 2, identical with the SW Cor. of the Red Top Extension lode, unsurveyed.</p>

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	<p>Found a 5/8 in. diam. rebar, extending 6 ins. above ground add aluminum cap, 2 ins. diam., mkd. RT-2-4882; from which</p> <p style="padding-left: 40px;">A red boulder in place, 41 x 48 ins., 12 ins. above ground, bears S.43°10'W., 28.80 ft. dist., mkd. X BO-RT-2-4882.</p> <p style="padding-left: 80px;">Thence N.71°12'30"W.</p>
138.	Ridge line, bears N.87°E and S.87°W.
316.	Ravine, course N.58°E.
1499.90	Cor. No. 3.
	<p>Found a 5/8 in. diam. rebar, extending 8 ins. above ground add aluminum cap, 2 ins. diam., mkd. RT-3-4882; from which</p> <p style="padding-left: 40px;">A cross (X) chiseled on the north face of a black escarpment, 18 ins. above ground, bears S.51°55'E., 5.60 ft. dist., mkd. X BO-RT-3-4882.</p> <p style="padding-left: 80px;">Thence N.40°09'15"E.</p>
90.75	Cor. No. 3, M.S. NO. 2440 LAST CHANCE lode.
	<p>Found a 5/8 in. diam. rebar with 1.5 in. diam. aluminum cap, mkd. LC3-2440-RLS 19319.</p>
321.52	Lode line; discovery point bears S.71°12'30"E., 54.00 ft. dist.
582.61	True point for cor. No. 2, M.S. No. 2440 LAST CHANCE lode, determined from the witness corner, monumented with a brass disk, 2 ins. diam., firmly set, mkd. C-LC2-2440-RLS 19319, bears N.48°09'28"W., 3.80 ft. dist.
643.04	Cor. No. 4.
	<p>Found a 5/8 ins. diam rebar extending 6 ins. above ground add aluminum cap, 2 ins. diam., mkd. RT-4-4882; from which</p> <p style="padding-left: 40px;">A red rock in place, 24 x 36 ins., 24 ins. above ground bears S.66°48'W., 4.08 ft. dist., mkd. X BO-RT-4-4882.</p>

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FEET	
	Thence S.71°12'30"E.
277.	Ridge line, bears N.48°E. and S.48°W.
314.	Ravine, course N.28°E.
477.	Ridge line, bears N.24°E. and S.24°W.
775.	Ravine, course N.52°E.
1036.	Ridge line, bears N.63°E. and S.63°W.
1269.	Ravine, course N.68°E.
1499.90	Cor. No. 1, and place of beginning.
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AREA	
	Acres
Total area, Red Top	20.620
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LOCATION	
This survey is located in sec. 13, T.19 N., R.20 W., G. & S.R.M., Mohave County, Arizona.	
The survey of the Red Top is identical with the amended location as marked on the ground.	
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EXPENDITURES	
The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant or its grantors are as follows:	
No. 1	The discovery point of the Red Top lode, being on the lode line 54 ft from a point which bears N.40°09'15"E., 321.52 ft. of Cor. No. 3. No Value
No. 2	An open cut, the south end of which bears N.50°52'E., 261 ft. from Cor. No. 3, Red Top lode; 30 ft. wide at the top and 10 ft. wide at the bottom, 10 ft. deep, running N.45°E., 53 ft.

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FEET	
	Value, \$2,500
No. 3	<p>An adit, 4 x 6 ft. in size, the portal of which bears S.2°40'W., 148 ft. from Cor. No. 4, Red Top lode, and runs S.41°W., 19.0 ft., thence S.53°W., 28.3 ft., thence S.56°W., 45.0 ft., thence S.25°W., 14.7 ft., thence S.43°W., 38.9 ft., thence S.35°W., 33.0 ft., thence S.42°W., 53.2 ft. to "Pt. A", thence S.46°W., 52.0 ft. to face. From "Pt. A" a cross-cut runs S.64°E., 15.0 ft. to face. From "Pt. A" a cross-cut runs N.51°W., 36.0 ft. to face.</p> <p>Value, \$83,500</p>
No. 4	<p>An adit, 4 x 6 ft. in size, the portal of which bears N.28°57'W., 370 ft. from Cor. No. 2, Red Top lode, and runs N.54°W., 42.9 ft. to "Pt. A", thence N.50°W., 47.5 ft. to "Pt. B", thence N.52°W., 37.3 ft., thence N.74°W., 8.6 ft. to "Pt. C", thence N.49°W., 17.0 ft. to face. From "Pt. A" a cross-cut runs N.9°E., 27.0 ft. to face. From "Pt. B" a cross-cut runs S.33°W., 10.0 ft. to face. From "Pt. C" a cross-cut runs S.30°W., 16.0 ft. to face.</p> <p>Value, \$51,500</p>
No. 5	<p>A shaft, the center of which bears N.29°02'W., 330 ft. from Cor. No. 2 Red Top lode, 6 x 12 ft., 14 ft. deep.</p> <p>Value, \$14,000</p>
<hr/> OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA	
<p>M.S. 4882 Red Top lode: Cors. Nos. 1, 2, 3, and 4 were monumented with red wood posts 4 x 4 ins., 4.5 ft. long, firmly set, properly marked and centered over the 5/8 ins. diam. rebars hereinbefore described. These red wood posts were removed and placed along side the corners hereinbefore described.</p>	
<p>M.S. 2440 Last Chance lode: Remains of the original monument for Cor. No. 3 were found along side the one hereinbefore described. The East End Center is monumented with a red wood post 4 x 4 ins., 4.5 ft. long, firmly set and properly marked. The Witness Corner for Cor. No. 2 was found along side the monument hereinbefore described. The dependent resurvey of the boundary for M.S. 2440 is as reported in Record of Survey: Book 11, Page 3, recorded August 13, 1993 at reception number 93-</p>	

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<p>FEET</p>	<p>45596 records of Mohave County, Arizona. Line 2-3 bears S.40°09'15"W., 491.86 ft., instead of S.40°15'W., 491.7 ft., as approved.</p> <hr/> <p style="text-align: center;">FIELD ASSISTANTS</p> <p>Jeffery S. Carlton Rodman Craig T. Micek Rodman</p> <hr/>
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Jack M. Kesler	March 6, 1994

I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated May 5, 1993, I have carefully executed the survey of the claim of Gold Road Red Top Mining Company, known as the Red Top lode, situated in surveyed section 13, Township 19 North, Range 20 West, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4882, 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 Red Top lode location embraced in the said mining claim by claimant 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.

Kingman, Arizona
(Location)

Jack M. Kesler
(Signature of Mineral Surveyor)

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.

CERTIFICATE OF APPROVAL

Arizona State Office
Phoenix, Arizona
March 10, 1994

The foregoing field notes of mineral survey number 4882, in surveyed section 13, Township 19 North, Range 20 West, Gila and Salt River Meridian, in the State of Arizona, executed by Jack M. Kesler, Mineral Surveyor, under order dated May 5, 1993, 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.

James P. Helley

(Authorized Signature)

Chief Cadastral Surveyor of Arizona

(Title)

~~CERTIFICATE OF TRANSCRIPT~~

~~I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number 4882 is a true copy of the original field notes.~~

~~(Authorized Signature)~~

~~Chief Cadastral Surveyor of Arizona~~

~~(Title)~~