

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4377

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Eunice M. Eldredge and D. F. Eldredge

Known As The

Trader Fraction lode

Situate in Hartford Mining District,

Cochise County, Arizona

Section 32, Township 23 S., Range 21 E., G&SRM.

Surveyed under order dated April 28, 1953

by Robert Lenon
Mineral Surveyor.

Claim located November 6, 1952

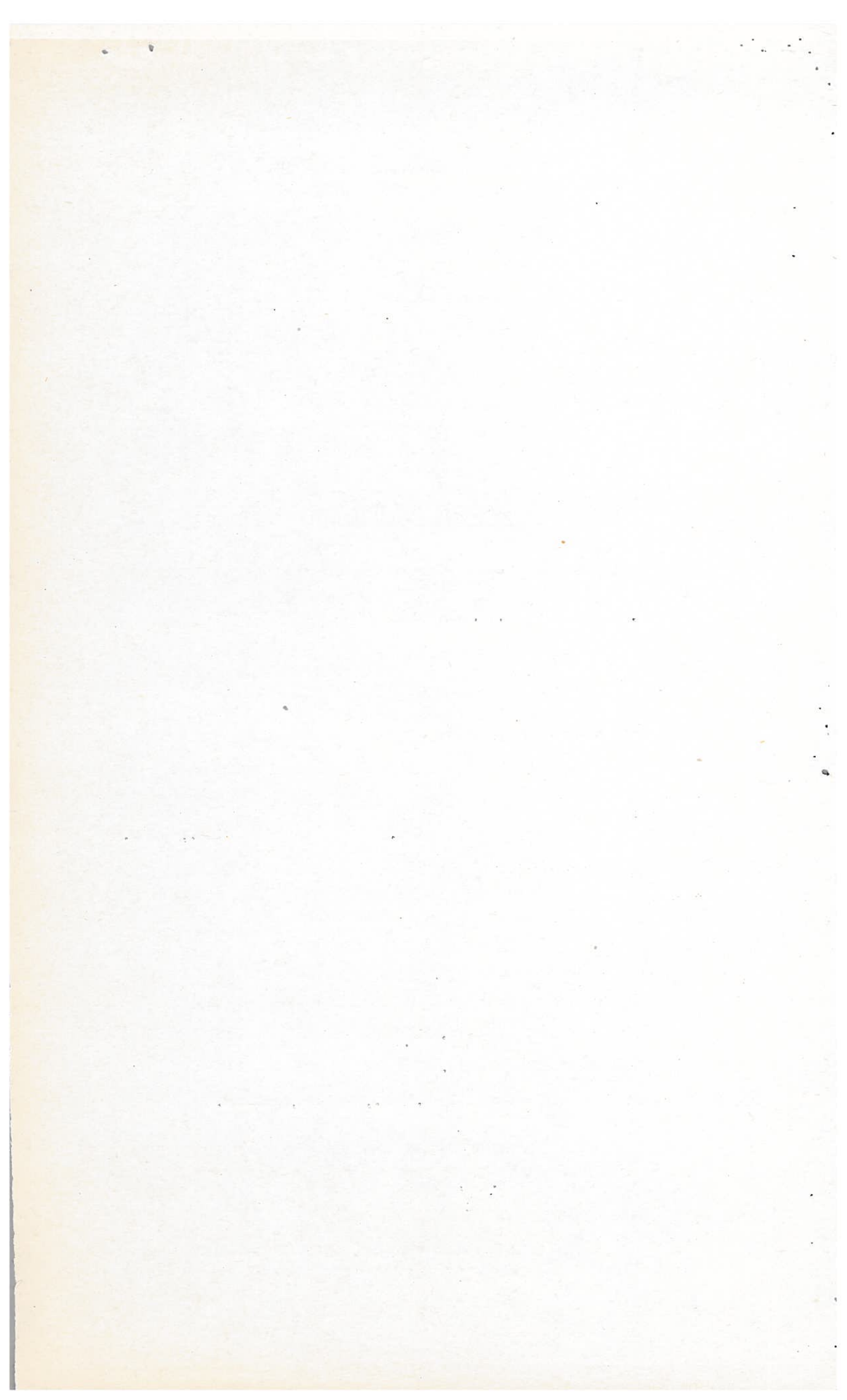
Survey commenced Aug. 11, 1953

Survey completed Jan. 27, 1954

Address of claimants 1119 E. Ave., Douglas, Arizona.

DATES OF AMENDED LOCATIONS

Nov. 15, 1952



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Survey No. 4377

Mineral Survey No. 4377 was made with a Bausch & Lomb Precise Transit No. 9259, with horizontal limb 5-1/2 ins. in diameter, having two single opposite verniers, and full vertical circle 4-1/2 ins. in diameter, having two double opposite verniers, all verniers reading 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 deflection angles referred to the meridian determined by the following sets of observations:

August 11, 1953, at Cor. No. 2 of the Trader Fraction lode, in Latitude $31^{\circ}23'$ N., and Longitude $110^{\circ}13'$ W, I made two sets of two altitude observations each upon the sun for azimuth, one observation of each set with the telescope in direct and in inverted positions, observing opposite limbs of the sun, and reading the horizontal angles from Cor. No. 3 of the Trader Fraction lode, about 450 feet northerly, to the sun:

Mean times of observations, (1) (2)
105th Meridian Std. time: $9^{\text{h}}05^{\text{m}}30^{\text{s}}$ $9^{\text{h}}19^{\text{m}}30^{\text{s}}$

Declination of sun at mean times of observations: $15^{\circ}14.0'$

Mean observed vertical angles to sun's center: $41^{\circ}24.5'$ $44^{\circ}23.5'$

Mean horiz. angles (observed) to sun's center, clockwise from the reference point: $97^{\circ}50.5'$ $100^{\circ}06'$

True bearing to reference point; equals bearing of Line 2-3, this survey: $N 0^{\circ}31' W$

The lines were measured with a Lufkin steel tape 300 feet in length, graduated every foot, with the end feet graduated in tenths, and a Lufkin steel tape 100 feet in length, graduated to feet, tenths, and hundredths. Both tapes were compared with a Chicago standard at the time of beginning the survey and found to be correct.

All lines and connections of this survey were run by direct methods, except for the tie to the southerly quarter-corner of Sec. 32, T. 23 S., R. 21 E., which was calculated, using lines of Sur. No. 4376, as shown on the attached calculation-sheets.

The magnetic variation observed at each corner of the survey gave a uniform value of $13^{\circ}30'$, East.

Feet

TRADER FRACTION LODE

At Cor. No. 1 of the Trader Fraction lode, identical with Cor. No. 2, Sur. No. 4376, Trader lode, found a lime stone, 12 ins. above ground, firmly set, with a mound of stone alongside, and mkd. X-T-2-4376, on which I cut TF-1-4377, and from which: The $\frac{1}{4}$ Sec. Cor. on S. Bdy. Sec. 32, T. 23 S., R. 21 E., G&SRM, bears $S.46 56' W., 876.9$ ft. Dist.

A double-trunked black oak, 16 ins. in diam., bears
 $N 83^{\circ}30' W, 12.7$ ft. dist., mkd. T-2-4376-BT

Thence $S 87^{\circ}21' W$

137

Barbed-wire fence, course North-South

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Survey No. 4377

Feet	
1497.1	<p>Cor. No. 2</p> <p>Set a rhyolite stone, 6x6x20 ins., 12 ins. in the ground, mkd. X-TF-2-4377, from which</p> <p>Cor. No. 3, Sur. No. 4376, Trader lode, being also a corner of the location, bears S 87° 21' W, 3.85 ft., a rhyolite stone, 14 ins. above ground, firmly set, with a mound of stone alongside, and properly mkd.</p> <p>A black oak, 6 ins. in diam., bears S 57° 00' E, 30.3 ft. dist., mkd. T-3-X-4376-BT</p> <p>Raise a mound of stone alongside corner.</p> <p style="text-align: center;">Thence N 0° 31' W</p>
193.8	<p>Lode line; discovery point bears S 86° 23' E, 20.0 ft. dist.</p> <p>Falls in center of gulch, 5 ft. wide; course N 80° E.</p>
447.6	Barbed-wire fence, course East-West
447.8	<p>Cor. No. 3</p> <p>Set a lime stone, 5x8x28 ins., 15 ins. in the ground, mkd. X-TF-3-4377, from which</p> <p>A corner of the location bears West, 16.5 ft., dist., a stone mound.</p> <p>A white oak, 8 ins. in diam., bears N 42° 00' W, 17.9 ft. dist., mkd. TF-3-X-4377-BT</p> <p>Raise a mound of stone alongside corner.</p> <p style="text-align: center;">Thence East</p>
20	Barbed-wire fence, course East-West.
169	Barbed-wire fence, course North-South; turns Easterly at a point 1 ft. dist., Northerly from this point.
173.8	<p>Cor. No. , identical with the SE corner of the Lassie placer claim, patented; a mound of stone, no markings or accessories found.</p> <p>Set a lime stone, 4x6x32 ins., 16 ins. in the ground, mkd. X-TF-4-4377, from which</p> <p>A black oak, 6 ins. in diam., bears N 48° 00' E, 1.6 ft. dist., mkd. TF-4-X-4377-BT</p> <p>The SW corner of the Franklin placer claim, patented, bears S 0° 19' W, 333.2 ft. dist., a half-inch pipe set in the center of a stone mound at a fence-corner; barbed-wire fences run Northerly and Easterly from this point, roughly outlining the South and West lines of the said Franklin placer claim.</p> <p>Raise a mound of stone alongside corner.</p> <p style="text-align: center;">Thence S 76° 29' E</p>
470	Gulch, 4 ft. wide; course N 30° E

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Survey No. 4377

Feet	
950	Unimproved road, 10 ft. wide; runs West and N 60° E
1095	Gulch, 4 ft. wide; course N 60° E to this point, and East below this point.
1135	Gulch, 4 ft. wide; course S 60° E
1185	Gulch, 4 ft. wide; course N 80° E
1230	Barbed-wire fence; course N 10° E and S 10° W; East-West fence coming from West intersects North-South fence at a point S 10° W, 33.5 ft. dist. from this point
1363.0	<p>Cor. No. 5, being identical with the SE corner of the Franklin placer claim, the SW corner of the Princess placer claim, and the NW corner of the Prince placer claim, all patented.</p> <p>Set a lime stone in the center of the existing stone mound; 6x10x24 ins., 12 ins. in the ground, mkd. X-TF-5-4377, from which</p> <p style="padding-left: 40px;">A black oak, 14 ins. in diam., bears S 12° 00' E, 13.0 ft. dist., mkd. TF-3-X-4377-BT</p> <p style="padding-left: 40px;">The SW corner of the Franklin placer claim, patented, bears S 89° 22' W, 1327.2 ft. dist.</p> <p style="padding-left: 40px;">Raise a mound of stone alongside corner.</p> <p style="padding-left: 80px;">Thence S 0° 31' E</p>
30.0	Lode line; discovery point bears N 86° 23' W, 1480.0 ft. dist.
36	Gulch, 2 ft. wide; course East
60.0	Cor. No. 1, and place of beginning.

AREAS

Total area, Trader Fraction lode..... 9.356 Acres

Area in conflict with Franklin placer, patented..... 5.075 Acres

LOCATION

This survey is located in the S²S² of Sec. 32., T. 23 S., R. 21 E., Gila and Salt River Base and Meridian, Cochise County, Arizona; Cor. No. 5 being identical with the NW corner of the SE¹SW¹SE¹ of said Sec. 32.

The survey of this claim is identical with the location as marked on the ground except for Cors. Nos. 2 and 3, which differ to the extent previously noted.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

The southerly quarter-corner of Sec. 32 is a stone, firmly set and properly marked.

The Westerly line of the Prince placer claim, patented, was found to be N 0° 31' W, 660.0 ft.

	<p>Unimproved road, 10 ft. wide; runs west and N 60° E</p> <p>Galena 1/2 ft. wide; course N 60° E to this point, and east below this point.</p> <p>Galena 1/2 ft. wide; course S 60° E</p> <p>Galena 1/2 ft. wide; course N 30° E</p> <p>Handed wire fence; course N 10° E and S 10° W; East-West fence continues from east intersects North-South fence at a point 100 W. 3.5 ft. dist. from this point</p> <p>Cor. No. 2, being identical with the SE corner of the Franklin placer claim, the SW corner of the Prince placer claim, and the NW corner of the Prince placer claim, all patented.</p> <p>Set a line across in the center of the existing stone mound; 6x10x12 ins., 12 lbs. in the ground, mid. X-77-5-1277, from which</p> <p>A black oak, 14 ins. in diam., bears S 12° W, 13.0 ft. dist., mid. X-77-5-1277-RT</p> <p>The SW corner of the Franklin placer claim, patented, bears S 80° 32' W, 13.72 ft. dist.</p> <p>False a mound of stone alongside corner</p> <p>Thence S 0° 31' E</p> <p>to a line; discovery point bears N 60° 32' W, 140.0 ft. dist.</p> <p>Galena 1/2 ft. wide; course East</p> <p>Cor. No. 1, and place of beginning.</p>	<p>1000</p> <p>950</p> <p>1025</p> <p>1125</p> <p>1185</p> <p>1230</p> <p>133.0</p> <p>30.0</p> <p>75</p> <p>60.0</p>	
<p>Local area, under fraction label..... 1.37 acres</p> <p>area in conflict with Franklin placer, patented..... 1.07 acres</p>	<p>AREAS</p>		
<p>This survey is located in the S2S2 of Sec. 32, T. 27 S., R. 21 E., Gila and Salt River Base and Meridian, Cochise County, Arizona; Cor. No. 2 being identical with the SW corner of the S2W2 of said Sec. 32.</p> <p>The survey of this claim is identical with the location as marked on the ground except for Cor. Nos. 2 and 3, which differ to the extent provisionally noted.</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>The westerly quarter-corner of Sec. 32 is a stone, 12x12 set and properly marked.</p> <p>The westerly line of the Prince placer claim, patented, was found to be N 0° 31' W, 650.0 ft.</p>	<p>LOCATION</p>		

Survey No. 4377

EXPENDITURE OF \$500

I certify that the value of the labor and improvements made upon the lode location embracing this mining claim by the claimants or their grantors is not less than \$500, and that said improvements consist of:

- No. 1 The discovery cut of the Trader Fraction lode, the center of the face of which being the discovery point, is on the lode line, 1,480.0 ft. from the center of line 5-1; an open cut 8 ft. wide, running South, 10 ft. to an 8 ft. face.
- Value, \$100.
- No. 2 A shaft, 6 x 6 ft., 3 ft. deep, the center of which bears N 21° 00' E, 172 ft. from Cor. No. 2.
- Value, \$25.
- No. 3 An open cut, 6 ft. wide, the face of which bears N 20° 00' E, 32 ft. from Cor. No. 2; runs S 30° E, 20 ft. to 8 ft. face.
- Value, \$200.
- No. 4 An open cut; 17 ft. wide, the face of which bears N 85° 30' E, 745 ft. from Cor. No. 2; runs S 30° W, 25 ft. to 14 ft. face.
- Value, \$350.

Survey No. 4177

DESCRIPTION OF WORK

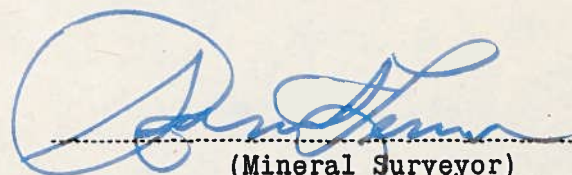
		<p>No. 1 The discovery of the Tiber section is the center of the face of which the discovery point is on the face line, 1.430.0 ft. from the center of the face. The face is an open cut 1 ft. wide, running south.</p> <p>Value, \$100.</p>	
		<p>No. 2 A small section of the face, the center of which bears N 21° 00' E. 125 ft. from center No. 1.</p> <p>Value, \$100.</p>	
		<p>No. 3 An open cut, 6 ft. wide, the face of which bears N 20° 00' E. 35 ft. from center No. 1; runs S 30° E. 20 ft. to S ft. face.</p> <p>Value, \$200.</p>	
		<p>No. 4 An open cut, 12 ft. wide, the face of which bears N 20° 00' E. 75 ft. from center No. 1; runs S 30° E. 20 ft. to S ft. face.</p> <p>Value, \$300.</p>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, ROBERT LEWON, Mineral Surveyor,
 hereby certify upon honor that in pursuance of an order received from the Office
Cadastral Engineer, Region V, at Albuquerque, New Mexico,
 dated April 28, 1953, I have faithfully and correctly executed the survey
 of the mining claim of Eunice M. Eldredge and D. F. Eldredge
 known as the Trader Fraction lode
 (lode, placer, or millsite)
 situate in Section 32
T. 23 S., R. 21 E.,
Gila and Salt River Base and Meridian, Arizona, and designated
 (State)
 as Survey No. 4377, which is represented in the fore-
 going 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 ex-
 pended and improvements made upon or for the benefit of the lode
 (lode or placer)
 location— embraced in the said mining claim by 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.

Patagonia, Arizona
(Place)



(Mineral Surveyor)

January 27, 1954
(Date)

**CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
~~PUBLIC SURVEY OFFICE~~
Division of Cadastral Engineering

At Albuquerque, New Mexico

February 12, 1954

I, Office Cadastral Engineer at Albuquerque, New Mexico

do hereby certify that the forgoing and hereto attached Field Notes and return of the Survey of the
Mining Claim of Eunice M. Eldredge and D. F. Eldredge

....., known as the
Trader Fraction lode

situate in Hartford mining district,
Cochise County, Arizona

in Section 32 Township No. 23 South Range No. 21 East

G&SRM, Arizona....., designated as Survey No. 4377

executed by Robert Lenon....., Mineral

Surveyer, August 11, 1953 to January 27, 1954....., 19, under my instructions dated

April 28, 1953....., 19, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,
are hereby approved. The certified copy of the location certificate filed by the applicant for survey is
included and made a part of these field notes.

Geo. H. Well
Geo. H. Well, Office *Cadastral Engineer*.

