

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4421

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

WALTER T. BARTOL

Known As The

FORD LODE

PINE GROVE Mining District,

YAVAPAI County, ARIZONA

Section s 35 and 36 Tns. Township 10 North, Range 1 West, G. & S.R.M.

Surveyed under order dated October 5, 1956

by Harry E. Jones  
Mineral Surveyor.

Claim located July 26, 1926

Survey commenced October 21, 1956

Survey completed November 18, 1956

Address of claimant's attorney, Fred W. Rosenfeld,  
Security Bldg., Phoenix, Arizona

DATES OF AMENDED LOCATIONS

July 14, 1956



Survey No. 4421

1.

CHAINS

This survey was made with a C.L. Berger & Sons transit No. 7574, with a horizontal limb 4 ins. in diam., having two double opposite verniers, and a full vertical circle 4 ins. in diam., having one double vernier, all reading to one minute of arc. The eyepiece is equipped with a colored glass shutter for making direct observations on the sun.

The instrument was in good condition and adjustment at the time of this survey.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation.

November 18, 1956, at a point on line 3-4 of the Ford lode, in latitude  $34^{\circ}10.0' N.$ , and longitude  $112^{\circ}19.4' W.$ , I make a series of eight altitude observations upon the sun for azimuth at approximately equal time intervals, four each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from line 3-4 clockwise to the sun.

Mean time of observation, 105th meridian

standard time

=  $9^h 45^m 15^s$  a.m.

Declination of sun at mean time of observation

=  $19^{\circ}20'06'' S.$

Mean observed vertical angle to sun's center

=  $26^{\circ}12'30''$

Mean horizontal angle from line 3-4 to sun's center

=  $21^{\circ}08'$

True bearing of line 3-4, Ford lode

=  $S. 59^{\circ}54'50'' E.$

The lines were measured with a steel tape 300 ft. long, graduated every foot, also a 50 ft. steel tape graduated to hundredths. Both tapes were checked for accuracy prior to use on this survey.

All lines and connections of this survey were run directly on the ground.

The geographic position of Cor. No. 1 of the Ford lode, as scaled from the U.S.G.S. quadrangle sheet, is latitude  $34^{\circ}09.8' N.$ , and longitude  $112^{\circ}19.5' W.$

The mean magnetic variation at each corner of this survey is  $14^{\circ}05'$  East.

Feet

## FORD LODE

At Cor. No. 1, set an iron pipe,  $2\frac{1}{2}$  ft. long,  $\frac{3}{4}$  ins. diam., 18 ins. in the ground, in a substantial mound of earth and rock, with a 2 in. brass cap mkd. U.S. MINERAL SURVEY NO. 4421-F-1; from which

The cor. of Secs. 1, 2, 35 and 36, Ts. 9 and 10 N., R. 1 W., an iron post, 2 ins. diam., set and marked as described in the official record, bears  $S. 5^{\circ}08'10'' E.$ , 2035.13 ft.

Thence  $N. 59^{\circ}54'50'' W.$

300.00 Lode line, a post, 5 ft. long, 4 ins. sq., set 12 ins. in the ground and surrounded by a substantial mound of earth and rock, discovery point bears  $N. 30^{\circ}05'10'' E.$ , 110 ft.

470. A trail bears NE. and SW.

500. Cross center of wash, 15 ft. wide, course SW.

600.00 Cor. No. 2

Set an iron pipe,  $2\frac{1}{2}$  ft. long,  $\frac{3}{4}$  ins. diam., 24 ins. in the ground, in a substantial mound of earth and rock, with a 2 in. brass cap mkd. U.S. MINERAL SURVEY NO. 4421-F-2.

Chains Feet		
	Thence N. 30°05'10" E.	
280.	Center of wash, 15-ft. wide; course SE. from NE.	
839.	Telephone line, bears WNW and ESE.	
1331.	Center of wash, 10 ft. wide, course SW.	
1500.00	Cor. No. 3	
	Set an iron pipe, 2½ ft. long, ¾ ins. diam., 18 ins. in the ground, in a substantial mound of earth and rock; with a 2 in. brass cap mkd. U.S. MINERAL SURVEY NO. 4421-F-3.	
	Thence S. 59°54'50" E.	
70.	Center of wash, 10 ft. wide, course SW.	
155.	Center of road bears NNE and SSW.	
180.	Center of road bears NNW and SSE.	
300.00	Lode line, a post 5 ft. long, 4 ins. square, set 12 ins. in ground and surrounded with substantial mound of earth and rock, discovery point bears S. 30°05'10" W., 1390 <sup>0</sup> ft.	
600.00	Cor. No. 4	
	Set an iron pipe, 2½ ft. long, ¾ ins. diam., 18 ins. in the ground, in a substantial mound of earth and rock, with a 2 in. brass cap mkd. U.S. MINERAL SURVEY NO. 4421-F-4.	
	Thence S. 30°05'10" W.	
160.	Center of road bears NW. and SE.	
458.	Telephone line bears WNW and ESE.	
1455.	Trail bears NW and SE.	
1500.00	Cor. No. 1, and place of beginning.	
	AREA	
	Total area, Ford lode	20.661 Acres
	LOCATION	
	This survey is located in the SE¼NE¼ and NE¼SE¼ of Section 35, and the SW¼NW¼ and NW¼SW¼ of Section 36, T. 10 N., R. 1 W., (Unsurveyed) Gila and Salt River Meridian. The corners of this survey are identical with the amended location corners of this lode as marked on the ground.	



Credits

## 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 his grantors are as follows:

- No. 1 Discovery cut 2x2x12 ft. long and shaft 5x6x8 ft. deep bears N. 30°05'10" E., 110 ft. from the 300 ft. point on line 1-2.  
Value, \$144.00
- No. 2 Cut 8x12x8 ft. face and tunnel 5x6x100 ft. long bearing S.58°21'E. The mouth of the cut bears N.79°53'E., 197.92 ft. from Cor. No. 2.  
Value, \$3117.00
- No. 3 Cut 8x12x8 ft. face, and tunnel 5x6x29 ft. bearing S.83°43'E., from face of tunnel a cross-cut 5x6x8 ft. long to South and a cross cut 5x6x23 ft. long to North; at 8.5 ft. point on N. cross-cut a raise to surface 6x6x15 ft. and winze below tunnel floor 6x6x10 ft. The mouth of the cut bears S.56°42'30" E., 152.92 ft. from a point on the lode line which is 549.91 ft. from the north end center of the claim.  
Value, \$2742.00
- No. 4 Cut 8x8x8 ft. face and tunnel 5x6x67 ft. long bearing S.47°21'E. for 50 ft. thence S.27°21' E. for 17 ft. The mouth of the cut bears S.64°09'20" E., 185.27 ft. from the 549.91 ft. point on the lode line.  
Value, \$2138.00

## OTHER IMPROVEMENTS

The center of a water tank 2.5 ft. high and 3.5 ft. in diameter bears N.73°13'E., 203.44 ft. from Cor. No. 2.

A concrete lined spring bears N.56°08'30" E., 257.3 ft. from Cor. No. 2.

The SE. corner of a frame cabin 17x39 ft. bears N.53°08' E., 312 ft. from Cor. No. 2.

The SE. corner of a frame cabin 12.5 x 16 ft. bears N.43°53'30" E., 493.5 ft. from Cor. No. 2.

The SE. corner of a frame shed 8x10 ft. bears N.85°50'W., 88 ft. from the 549.91 ft. point on the lode line.

The SE. corner of a barbed wire corral 45x50 ft. bears N.5°13'E., 25.9 ft. from the 549.91 ft. point on the lode line.

## SUPPLEMENTAL DATA

The bearings set forth in the amended location notice of this lode are inaccurate and are correctly given in the field notes of this survey.

## FIELD ASSISTANTS

J.R.Brown  
Harris Cooper  
Norman L. Rice

Instrument and chain  
Chainman and axeman  
Chainman and flagman

Chains	EXHIBITS	Notes
	<p>The improvements and the value of the labor and improvements made upon or for the benefit of the lands located in said mining claim by the claimant or his grantors are as follows:</p>	
	<p>Discovery cut 2x2x12 ft. long and shaft 2x2x12 ft. deep at N. 30° 00' 00" E., 110 ft. from the 300 ft. point on line - 2.</p> <p>Value, \$100.00</p>	No. 1
	<p>Out-crop 2x2x12 ft. face and tunnel 2x2x100 ft. long bearing S. 70° 31' 11" E., 100 ft. from the 300 ft. point on line - 2.</p> <p>The mouth of the cut bears N. 79° 23' 11" E., 127.92 ft. from C. T. No. 2.</p> <p>Value, \$2117.00</p>	No. 2
	<p>Out-crop 2x2x12 ft. face, and tunnel 2x2x29 ft. bearing S. 87° 31' 11" E., 100 ft. from the 300 ft. point on line - 2.</p> <p>Also a cross-cut 2x2x12 ft. long to south and a cross-cut 2x2x12 ft. long to north; at 8.5 ft. points on N. cross-cut a vertical shaft 2x2x12 ft. and mine below tunnel floor 2x2x12 ft. The mouth of the cut bears S. 50° 13' 30" E., 122.92 ft. from a point on the 300 ft. line which is 219.91 ft. from the north end center of the claim.</p> <p>Value, \$2725.00</p>	No. 3
	<p>Out-crop 2x2x12 ft. face and tunnel 2x2x12 ft. long bearing S. 75° 31' 11" E., 100 ft. from the 300 ft. point on line - 2.</p> <p>The mouth of the cut bears S. 27° 31' 11" E., 100 ft. from the 300 ft. point on line - 2.</p> <p>Value, \$2138.00</p>	No. 4
	<p>GENERAL IMPROVEMENTS</p> <p>The center of a water tank 2.5 ft. high and 8.5 ft. in diameter bears N. 73° 13' 11" E., 203.44 ft. from C. T. No. 2.</p> <p>A concrete lined spring bears N. 55° 08' 30" E., 277.5 ft. from C. T. No. 2.</p> <p>The N. E. corner of a frame cabin 17x29 ft. bears N. 53° 08' 30" E., 312 ft. from C. T. No. 2.</p> <p>The N. E. corner of a frame cabin 12.5 x 12 ft. bears N. 53° 30" E., 103.5 ft. from C. T. No. 2.</p> <p>The N. E. corner of a frame shed 2x10 ft. bears N. 53° 30' W., 88 ft. from the 300 ft. point on the 300 ft. line.</p> <p>The N. E. corner of a barbed wire corral 25x50 ft. bears N. 53° 13' 11" E., 219.91 ft. from the 300 ft. point on the 300 ft. line.</p>	
	<p>SUPPLEMENTAL DATA</p> <p>The bearings set forth in the amended location notice of this lode are inaccurate and are correctly given in the field notes of this survey.</p>	
	<p>FIELD ASSISTANTS</p> <p>William A. Rice        Harry Cooper        J. L. Brown</p> <p>Instrument and claim        chairman and exam-        iners        William A. Rice</p>	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Dec. 20, 1956

I, Harry E. Jones,  
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the  
Office of Cadastral Engineer, at Phoenix, Arizona  
dated October 5, 1956, I have faithfully and correctly executed the survey of  
the mining claim of Walter T. Bartol,  
known as the Ford Lode  
(Lode, placer, or mill site)  
situate in Pine Grove Mining District, Yavapai County, in Secs. 35 and 36 UNS  
T. 10 North, R. 1 West, Gila and Salt R. Meridian, Arizona, and  
(State)  
designated as Survey No. 4421, 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 Lode  
(Lode or placer) location(s) embraced in the said mining claim by  
claimant(s) or his 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.

Phoenix, Arizona  
(Place)

Harry E. Jones  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office  
(Office)

Phoenix, Arizona May 29, 1957  
(Place) (Date)

The foregoing field notes of mineral survey No. 4421, in Secs. 35 and 36, Unsurveyed  
T. 10 North, R. 1 West, Gila & Salt River Meridian,  
Arizona, executed by Harry E. Jones, Mineral Surveyor,  
(State)  
under order dated October 5, 1956, 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.

Everett H. Kimmell  
Everett H. Kimmell  
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)





UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)  
BUREAU OF LAND MANAGEMENT M.S. 4421  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The FORD lode, Mineral Survey No. 4421, located in sections 35 and 36, Township 10 North, Range 1 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

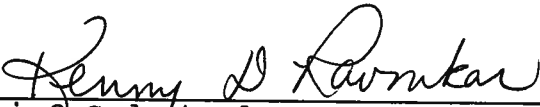
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"FORD lode, M.S. 4421, was canceled May 20, 2002, by memo 9605 (956) M.S. 4421, which is now a part of the original field notes."

May 20, 2002  
Date

  
\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona

