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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4413

ARIZONA

Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

GYPRUS MINES CORPORATION

Known As The

Combine No. 1 and Combine #3 Lode Claims

Eureka Mining District,

Yavapai County, Arizona

Section 17, 18, 19, 20, Township 14 North, Range 9 West, G. & S. R. M.

Surveyed under order dated July 27, 1956

by Oscar T. Smith
Mineral Surveyor.

Claim located January 1, 1911

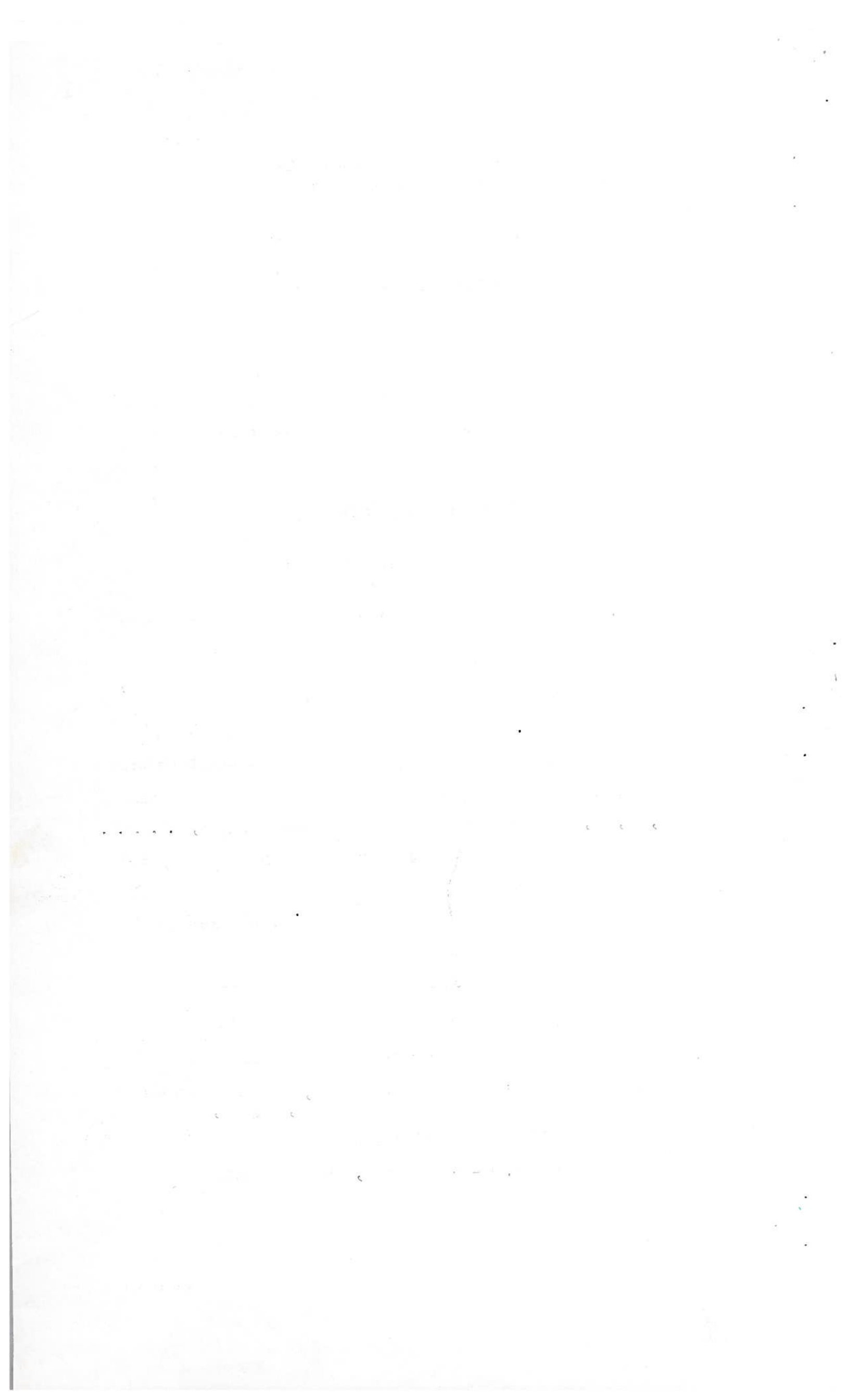
Survey commenced August 17, 1956

Survey completed December 20, 1956

Address of claimant's Attorneys Cunningham, Carson & Messinger
Title & Trust Building, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Combine No. 1 - September 21, 1956



SURVEY NO. 4413

Chains

This survey was made with a Keuffel and Esser Transit No. 131481, with horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 4 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. 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:

August 17, 1956, at a point from which Cor. No. 1 of the Combine No. 1 lode of this survey bears N. $31^{\circ} 38' 10''$ E., 666.36 ft. dist. in latitude $34^{\circ} 32'$ N., and longitude $113^{\circ} 14'$ W., I make a series of six altitude observations upon 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 600 ft. north, clockwise to the sun.

Mean time of observation, 105th meridian standard time	=9h12m30" a.m.
Declination of sun at mean time of observation	= $13^{\circ} 17' 25''$
Mean observed vertical angle to sun's center	= $39^{\circ} 13' 10''$
Mean horizontal angle from reference point to sun's center	= $101^{\circ} 32' 30''$ NE.
True bearing to reference point	=N. $0^{\circ} 04' 34''$ E.

The lines were measured with a Keuffel and Esser steel tape 500 ft. in length, graduated every foot for 500 ft., with the first and last foot graduated in tenths and hundredths; the tape was compared with a standard 100 ft. invar tape at the time of beginning of the survey and found 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 $14^{\circ} 30'$ E.

SURVEY NO. 4413

COMBINE NO. 1' LODE

At Cor. No. 1 of Combine No. 1 lode.

Set a galvanized iron post, 3 ft. long, $1\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd. C1-1-4413, from which the $\frac{1}{4}$ sec. cor. of Sections 17 and 18, T. 14 N., R. 9 W., G. & S. R. M. bears N. $17^{\circ} 59' 10''$ W., 1124.96 ft. dist.; an iron post, 1 in. diam., 12 ins. above the ground, firmly set, marked and witnessed as described in the official record.

No local bearing objects or bearing trees available.

Thence S. $67^{\circ} 56' 30''$ E.

Chains Feet	
287.0	Lode line; discovery point bears S. 22° 03' 30" W., 1372 ft. dist.
322.0	Road, bears S. 27° 03' W. and N. 27° 03' E.
587.0	Cor. No. 2. Set a galvanized iron post 3 ft. long, 1½ ins. diam., 18 ins. in the ground, with brass cap mkd. Cl-2-4413. No local bearing objects or bearing trees available. Thence S. 22° 03' 30" W.
17.0	Cor. No. 5 Sur. No. 968, Old Dick lode.
1,150.0	Road, bears N. 50° 57' W. and S. 50° 57' E.
1,485.0	Road, bears N. 87° 37' E., and S. 87° 37' W.
1,500.0	Cor. No. 3, identical with Cor. No. 2 of the Combine #3 lode, of this survey. Cor. No. 6, Sur. No. 968, Old Dick lode, and Cor. No. 1, Sur. No. 1684 A, 1st South Ext. of Old Dick lode found destroyed. Set a galvanized iron post 3 ft. long, 1½ ins. diam., 18 ins. in the ground, with brass cap mkd. Cl-3-C3-2-4413, OD-6-968, 1st SEOD-1-1684 A. No local bearing objects or bearing trees available. Thence N. 67° 56' 30" W.
30.0	Road, bears N. 87° 37' E. and S. 87° 37' W.
300.0	Lode line; discovery point bears N. 22° 03' 30" E., 128 ft. dist.
410.0	Road, bears N. 44° 03' E. and S. 44° 03' W.
600.0	Cor. No. 4, identical with Cor. No. 1 of the Combine #3 lode of this survey. Set a galvanized iron post 3 ft. long, 1½ ins. diam., 18 ins. in the ground, with brass cap mkd. Cl-4-C3-1-4413. No local bearing objects or bearing trees available. Thence N. 22° 33' 20" E.
510.0	Road, bears N. 60° 33' E. and S. 60° 33' W.
945.0	Road, bears N. 58° 33' E. and S. 58° 33' W.
1,100.0	Road, bears east and west.
1,500.0	Cor. No. 1, and place of beginning.

COMBINE #3 LODE

Beginning at Cor. No. 1 of the Combine #3 lode, identical with Cor. No. 4 of the Combine No. 1 lode of this survey; from which the ¼ sec. cor. of Sections 17 and 18; previously described, bears N. 5° 18' 20" E., 2465.78 ft. dist.

SURVEY NO. 4413

Chains Feet	DESCRIPTION	Acres
	Thence S. 67° 56' 30" E.	
190.0	Road, bears N. 44° 03' E. and S. 44° 03' W.	
300.0	Lode line, discovery point bears S. 35° 13' 30" W., 185 ft. dist.	
570.0	Road, bears S. 87° 37' E. and N. 87° 37' W.	
600.0	Cor. No. 2, identical with Cor. No. 3 of the Combine No. 1 lode of this survey, Cor. No. 6 of Sur. No. 968 Old Dick lode, and Cor. No. 1 of Sur. No. 1684 A, 1st South Ext. of Old Dick lode.	
	Thence S. 35° 13' 30" W.	
1,443.0	Cor. No. 3, identical with Cor. No. 2 of Sur. No. 1684 A, 1st South Ext. of Old Dick lode. Cor. No. 2 found destroyed. Set a galvanized iron post, 3 ft. long, 1 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd. C3-3-4413, dist. SEOD-2-1684 A.	
	No local bearing objects or bearing trees available.	
	Thence N. 67° 56' 30" W.	
45.0	Road, bears N. 12° 33' E. and S. 12° 33' W.	
300.0	Lode line, discovery point bears N. 35° 13' 30" E., 1258 ft. dist.	
600.0	Cor. No. 4. Set a galvanized iron post, 3 ft. long, 1 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd. C3-4-4413.	
	No local bearing objects or bearing trees available.	
	Thence N. 35° 13' 30" E.	
1,443.0	Cor. No. 1, and place of beginning.	

AREAS

	Acres
Total area, Combine No. 1	20.437
Total area, Combine #3	19.353

LOCATION

This survey is located in Lot 4 of Sec. 17, Lot 6 of Sec. 18, Lot 3 of Sec. 20, and Lot 1 of Sec. 19 of T. 14 N., R. 9 W., G. & S.R.M.

The survey of the Combine No. 1 and the Combine #3 lodes is identical with the respective location or amended location as marked on the ground.

SURVEY NO. 4413

CLAIMS

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 claimant or its grantors are as follows:

No. 1

The discovery cut of the Combine No. 1 lode, the face of which being the discovery point, is on the lode line 128 ft. from a point on line 3-4, 300 ft. from Cor. No. 3; 12 ft. wide, 7 ft. deep, runs N. 67° W., 11 ft. and S. 67° E., 11 ft. Value, \$500.

No. 2

A diamond drill hole, 1 1/2 ins. diam., 271 ft. deep, bears N. 51° 25' W., 226.2 ft. from Cor. No. 3 of Combine No. 1 lode. Value, \$1350.

No. 3

An open cut, the south end of which bears N. 38° 53' W., 335 ft. from Cor. No. 3 Combine No. 1 lode, 8 ft. wide, 7 ft. deep, runs N. 35° E., 18 ft. Value, \$500.

No. 4

A shaft, the center of which bears N. 25° W., 220 ft. from Cor. No. 3 Combine No. 1 lode, 6 x 8 ft., 8 ft. deep. Value, \$384.

No. 5

A diamond drill hole, 1 1/2 ins. diam., 407 ft. deep, bears N. 8° 38' W., 366.3 ft. from Cor. No. 3 Combine No. 1 lode. Value, \$2035.

No. 6

A diamond drill hole, 1 1/2 ins. diam., 378 ft. deep, bears N. 12° 56' E., 451.7 ft. from Cor. No. 3 Combine No. 1 lode. Value, \$1890.

No. 7

A diamond drill hole, 1 1/2 ins. diam., 290 ft. deep, bears N. 13° 05' E., 451 ft. from Cor. No. 3 Combine No. 1 lode. Value, \$1450.

No. 1

The discovery cut of the Combine #3 lode, the face of which being the discovery point, is on the lode line 185 ft. from a point on line 1-2, 300 ft. from Cor. No. 1, 5 ft. wide, 7 ft. face runs S. 35° 13' W., 15 ft. Value, \$131.

No. 2

A diamond drill hole, 1 1/2 ins. diam., 301 ft. deep, bears S. 18° 06' W., 294.8 ft. from Cor. No. 1 of Combine #3 lode. Value, \$1505.

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 968 Old Dick lode: Cor. No. 5, a slate stone, firmly set and properly marked. Cor. No. 6 destroyed, but evidence shows position. Line 5-6 was found to be S. 22° 03' 30" W., 1483 ft., instead of S. 22° 20' W., 1500 ft. as approved.

Sur. No. 1684 A, 1st South Ext. of Old Dick lode: Cor. No. 1 same as Cor. No. 6 of Sur. No. 968 Old Dick lode: Cors. Nos. 1 and 2 destroyed but evidence shows approximate position. Line 1-2 was found to be S. 35° 13' 30" W., 1443 ft. instead of S. 35° 30' W., 1500 ft. as approved.

No evidence of the cor. of secs. 17, 18, 19 and 20 could be found.

SURVEY NO. 4413

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Chains

FIELD ASSISTANTS

Name

Capacity

MILTON PEARCE

Transitman

MIKE ERICKSON

Chainman

Chains

CHAINS

CHAINS

CHAINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

December 20, 19 56

I, OSCAR T. SMITH,
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the _____
Office Cadastral Engineer, at Phoenix, Arizona
dated July 27, 1956, I have faithfully and correctly executed the survey of
the mining claim of Cyprus Mines Corporation,
known as the Combine No. 1 and Combine #3 lode claims
(Lode, placer, or mill site)
situate in Eureka Mining District, Yavapai County, Sections 17, 18, 19, and 20,
T. 14 N., R. 9 W., G. & S. R. Meridian, Arizona, and
(State)
designated as Survey No. 4413, 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 location(s) embraced in the said mining claim by
(Lode or placer)
claimant(s) or its 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.

Globe, Arizona
(Place)

Oscar T. Smith
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, Survey Office
(Office)

Phoenix, Arizona July 12, 19 57
(Place) (Date)

The foregoing field notes of mineral survey No. 4413, in Sections 17, 18, 19 and 20,
Arizona, T. 14 N., R. 9 W., G. & S. R. Meridian,
(State) executed by Oscar T. Smith, Mineral Surveyor,
under order dated July 27, 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. 4413
is a true copy of the original field notes.

Everett H. Kimmell
Office Cadastral Engineer
(Title)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEY

I, _____,
 District Surveyor, hereby certify that the foregoing is a true and correct copy of the original and correct copy of the survey of _____
 made on _____

_____ in _____
 County of _____, State of _____.

_____ I have faithfully and correctly executed the survey of

 the mining claim of _____
 known as the _____
 situated in _____
 Town of _____, Range _____, and _____

_____ and _____
 designated as survey No. _____ 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 and under
 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 _____ (location) situated in the said mining claim of
 _____ (location) or _____ as specified herein are specified therein and full details and that no
 portion of or interest in said labor and improvements so credited to this claim has been included in the returns
 of expenditures upon any other claim.

_____ District Surveyor

CERTIFICATE OF APPROVAL

The foregoing field notes of mineral survey No. _____ in _____
 _____, _____
 _____, _____
 _____, _____
 _____, _____
 _____, _____

_____ District Surveyor

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 and correct copy of the original and correct copy of the survey of _____
 made on _____

_____ District Surveyor
