

Form 3860-10
(February 1987)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4869

State

Arizona

Land District

Arizona

FIELD NOTES

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

Francene Kokaska
1851 E. Ocotillo Rd.
Phoenix, AZ 85016

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

None

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
FRANCENE #1 Millsite	11-17-88	11-25-88	12-7-88	A MC 290983
FRANCENE #2 Millsite	11-21-88	11-25-88	12-7-88	290984

LOCATION OF CLAIM(S)

Mining district Cave Creek			County Maricopa	
Section 28	Township 7 North	Range 4 East	Meridian Gila & Salt River	Survey under order dated 12/30/88
Survey commenced 3/30/89		Survey completed 4/8/89	Name of Mineral Surveyor Harvey W. Smith	

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FEET

This survey was made with a Swiss Kern theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to ten-second accuracy and estimating to one-second accuracy. 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 horizontal-angles-right referred to the meridian determined by the following observation:

March 30, 1989, at Cor. No. 4 of the FRANCENE #1 millsite, identical with Cor. No. 2 of the FRANCENE #2 millsite of this survey, in latitude $33^{\circ}55.35'N$. and longitude $111^{\circ}57.2'W$., elevation 2,605 ft. above sea level, and temperature $85^{\circ}F$., 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 right from a reference point about 1,500 ft. Southeastward to the sun.

Mean time of observation,
105th meridian standard
time = $4^h 19^m 20^s$ p.m.

Declination of sun at mean
time of observation = $4^{\circ}03'03.8''N$.

Mean observed vertical
angle to sun's center = $29^{\circ}28'35''$

Mean horizontal angle from
reference point clockwise
to sun's center = $122^{\circ}10'10''$

True bearing to reference
point = $S.48^{\circ}33'00''E$.

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths; the tape was compared to an Invar standard tape at the beginning of the survey and found to be

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	<p>correct. In addition to the steel tape, a Nikon ND-21 infrared distance measuring unit was used to measure some of the lines. Its accuracy was checked against a line measured with the foregoing steel tape and found to be correct.</p> <p>All lines and connections of this survey were run by direct methods.</p> <p>The magnetic declination observed at each corner of the survey gave a uniform value of 14°30'E.</p>
	<hr/> <p>Mineral Survey No. 4869</p> <hr/>
	<p style="text-align: center;">FRANCENE #1 MILLSITE</p> <p>At Cor. No. 1 of the FRANCENE #1 millsite, identical with Cor. No. 1 of the FRANCENE #2 millsite of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.1 1 F.2 1 U.S.M.S. 4869; from which</p> <p style="padding-left: 40px;">The 1/4 section corner of secs. 28 & 33, T.7 N., R.4 E., G.& S.R.M., bears S.02°31'11"W., 2,002.62 ft. dist., monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd.</p> <p style="padding-left: 40px;">Cor. No. 3, M.S. No. 4516 A Bluerock No. 8 lode, identical with Cor. No. 4, Silver Cross #1 lode of the same survey, bears S.00°04'09"W., 300.92 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.47°48'57"W.</p> <p>200.00 Cor. No. 2, on line 4-1, M.S. No. 4516 A Silver Cross #1 lode.</p>

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	<p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.1 2 U.S.M.S. 4869; from which</p> <p>Cor. No. 3, M.S. No. 4516 A Bluerock No. 8 lode, identical with Cor. No. 4, Silver Cross #1 lode of the same survey, bears S.42°11'03"E., 225.00 ft. dist.</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N.42°11'03"W.</p>
1,084.00	<p>Cor. No. 3, on line 4-1, M.S. No. 4516 A Silver Cross #1 lode.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.1 3 U.S.M.S. 4869; from which</p> <p>Cor. No. 2, M.S. No. 4516 A Bluerock No. 8 lode, identical with Cor. No. 1, Silver Cross #1 lode of the same survey, bears N.42°11'03"W., 190.00 ft. dist.</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N.47°48'57"E.</p>
200.00	<p>Cor. No. 4, identical with Cor. No. 2 of the FRANCENE #2 millsite of this survey.</p> <p>Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.1 4 F.2 2 U.S.M.S. 4869; from which</p> <p>A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p>

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FEET	Thence S.42°11'03"E.
1,084.00	Cor. No. 1, and place of beginning. The FRANCENE #1 millsite contains 4.977 acres.
FRANCENE #2 MILLSITE	
Beginning at Cor. No. 1 of the FRANCENE #2 millsite, identical with Cor. No. 1 of the FRANCENE #1 millsite of this survey.	
Thence N.42°11'03"W.	
1,084.00	Cor. No. 2, identical with Cor. No. 4 of the FRANCENE #1 millsite of this survey.
Thence N.47°48'57"E.	
50.00	Cor. No. 3. Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.2 3 U.S.M.S. 4869; from which A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
No local bearing objects or bearing trees available.	
Thence S.42°11'03"E.	
1,084.00	Cor. No. 4. Set an iron post, 30 ins. long, 3/4 in. diam., 18 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F.2 4 U.S.M.S. 4869; from which A wood post, 2 x 2 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
No local bearing objects or bearing trees available.	
Thence S.47°48'57"W.	
50.00	Cor. No. 1, and place of beginning.

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The FRANCENE #2 millsite contains 1.244 acres.

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AREAS

Acres

Total area, FRANCENE #1 millsite ----- 4.977

Total area, FRANCENE #2 millsite ----- 1.244

LOCATION

This survey is located in the SE, SW and NW 1/4s sec. 28, T.7 N., R.4 E., G. & S.R.M.

The survey of the FRANCENE #s 1 and 2 millsites is identical with the location as marked on the ground.

EXPENDITURES

None

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS
and SUPPLEMENTAL DATA

M.S. No. 4516 A Silver Cross #1 lode: Cors. Nos. 1 and 4, identical with Cors. Nos. 2 and 3 respectively of the Bluerock No. 8 lode of the same survey are iron posts with brass caps firmly set and properly marked as described in the official record. Line 4-1, common with line 2-3 Bluerock No. 8 lode of the same survey was found to be N.42°11'03"W., 1,499.00 ft. instead of N.41°57'30"W., 1,500.00 ft. as approved. Lines 1-2 and 3-4 are shown as approved.

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M.S. No. 4516 A Bluerock No. 8 lode: Cors. Nos. 2 and 3, identical with Cors. Nos. 1 and 4 respectively of the Silver Cross #1 lode of the same survey, described above. Line 2-3, common with line 4-1 Silver Cross #1 lode of the same survey, described above. Lines 1-2 and 3-4 are shown as approved.

MEMORANDUM

None

FIELD ASSISTANTS

Name	Capacity
Kent D. Miller	Assistant Instrumentman
Gary L. Shew	Rodman-Chainman

UNITED STATES
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BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

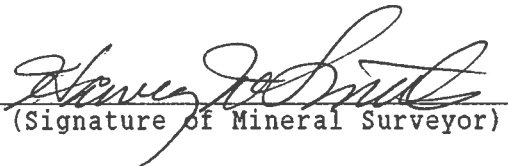
Name of Mineral Surveyor	Date
Harvey W. Smith	October 4, 1990

I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated December 30, 1988, I have carefully executed the survey of the claim of Francene Kokaska, known as the Francene #1 and # 2 mill site, situated in surveyed section 28, Township 7 North, Range 4 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4869, 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) _____ 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.

Scottsdale, Arizona
(Location)


(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
 October 17, 1990

The foregoing field notes of mineral survey number 4869, in surveyed section 28, Township 7 North, Range 4 East, Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated December 30, 1988, 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. Kelly

(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 4869 is a true copy of the original field notes.

(Authorized Signature)

Chief Cadastral Surveyor of Arizona

(Title)