(1)

Form 3400–11
(September 1967)
(formerly 4–683)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number: 4715
State: Arizona
Land District: Arizona

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

Anamax Mining Company
P.O. Box 127
Sahuarita, Arizona 85629

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE LOCATED	DATE AMENDED
TELEMETER FRACTION	3/22/63	5/2/75
WEST END FRACTION	"	"

Mining district	County
Helvetia	Pima

Section	Township	Range	Meridian	Survey under order dated
14	18 South	15 East	G.&S.R.	3/28/72 & 5/2/77

Survey commenced	Survey completed	Name of Mineral Surveyor
3/28/73.	10/15/77	Harvey W. Smith

GPO 837-841

Form 9180–21
(November 1967)

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:

April 21, 1975, at Cor. No. 1 of the WEST END FRACTION lode, latitude 31°51'48.7"N., longitude 110°47'08"W., elevation 4,620 ft. above sea level, and temperature 80°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 from a reference point about 500 ft. southwestward S.W. to the sun.

Mean time of observation, 105th meridian standard time	= 3^h27^mp.m.
Declination of sun at mean time of observation	= 12°53'32.6"N.
Mean observed vertical angle to sun's center	= 43°51'15"
Mean horizontal angle from reference point to sun's center	= 35°14'01"
True bearing to reference point	= S.41°18'41"W.

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 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 13°30'E.

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FEET

Mineral Survey No. 4715

TELEMETER FRACTION LODE

At Cor. No. 1 of the TELEMETER FRACTION lode, on line 1-2 WEST END FRACTION lode of this survey.

Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X T.F. 1 U.S.M.S. 4715; from which

The cor. of secs. 14, 15, 22 and 23, T.18 S., R.15 E., G&SRM, bears S.54°29'38"W., 1,282.53 ft. dist.; monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a brass cap, properly mkd.

Cor. No. 2, M.S. No. 1388A Telemeter lode, on line 2-3 M.S. No. 1304 Newman lode, bears N.36°37'22"E., 10.11 ft. dist.

Cor. No. 2, M.S. No. 1388A Black Hawk lode, bears S.68°52'32"W., 794.49 ft. dist.

Cor. No. 1, M.S. No. 1304 Newman lode, bears S.19°54'51"E., 207.46 ft. dist.

Cor. No. 2, M.S. No. 1304 Newman lode, bears S.36°37'28"E., 25.23 ft. dist.

A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.

No local bearing objects or bearing trees available.

Thence N.17°37'15"W.

42.71 Cor. No. 2 of the WEST END FRACTION lode of this survey.

47.07 Lode line; discovery point bears N.79°19'17"E., 23.5 ft. dist.

69.94 Intersect line 1-2, M.S. No. 1388A Black Hawk lode, at a point from which Cor. No. 2 bears S.63°52'52"W., 801.81 ft. dist.

94.14 Cor. No. 2.

Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X T.F. 2 U.S.M.S. 4715; from which

A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.

FEET	
	No local bearing objects or bearing trees available.
	Thence N.79°19'17"E.
8.22	Intersect line 2-3, M.S. No. 1304 Newman lode, at a point from which Cor. No. 2 bears S.17°38'53"E., 117.00 ft. dist.
82.90	Intersect line 2-3, M.S. No. 1388A Telemeter lode, at a point from which Cor. No. 2 bears S.25°49'45"W., 107.74 ft. dist.
82.97	Cor. No. 3.
	Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X T.F. 3 U.S.M.S. 4715; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.17°37'15"E.
1.87	Intersect line 1-2, M.S. No. 1388A Black Hawk lode, at a point from which Cor. No. 2 bears S.63°52'52"W., 885.08 ft. dist.
47.07	Lode line; discovery point bears S.79°19'17"W., 59.47 ft. dist.
51.43	Cor. No. 3 of the WEST END FRACTION lode of this survey.
94.14	Cor. No. 4, on line 3-4 WEST END FRACTION lode of this survey.
	Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X T.F. 4 U.S.M.S. 4715; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.79°19'17"W.
30.	Center of unimproved dirt road, bears N.56°W. and S.54°E.
64.15	Intersect line 1-2, M.S. No. 1388A Telemeter lode, at a point from which Cor. No. 2 bears N.69°39'02"W., 13.30 ft. dist.

FEET	
74.70	Intersect line 2-3, M.S. No. 1304 Newman lode, at a point from which Cor. No. 2 bears S.17°38'53"E., 22.86 ft. dist.
82.97	Cor. No. 1, and place of beginning.

WEST END FRACTION LODE

At Cor. No. 1 of the WEST END FRACTION lode.

Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.E.F. 1 U.S.M.S. 4715; from which

The cor. of secs. 14, 15, 22 and 23 bears S.58°52'03"W., 1,255.29 ft. dist., heretofore described.

Cor. No. 1, M.S. No. 1304 Newman lode, bears S.22°04'12"E., 107.03 ft. dist.

Cor. No. 3, M.S. No. 1388A WEST END lode, bears N.23°49'26"E., 89.16 ft. dist.

Cor. No. 2, M.S. No. 1388A Telemeter lode, bears N.13°13'01"W., 106.81 ft. dist.

A rock monument, 3 ft. diam. base and 3 1/2 ft. above ground, stands adjacent to the iron post.

No local bearing objects or bearing trees available.

Thence N.17°37'15"W.

19.70	Intersect line 2-3, M.S. No. 1388A WEST END lode, at a point from which Cor. No. 3 bears N.33°45'48"E., 75.53 ft. dist.
20.	Center of unimproved dirt road, bears N.67°E. and S.67°W.
66.65	Lode line; discovery point bears N.72°22'45"E., 25.6 ft. dist.
100.59	Cor. No. 1 of the TELEMETER FRACTION lode of this survey.
143.30	Cor. No. 2, on line 1-2 TELEMETER FRACTION lode of this survey.

Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.E.F. 2 U.S.M.S. 4715; from which

A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.

FEET	
	No local bearing objects or bearing trees available.
	Thence N.79°19'17"E.
8.24	Intersect line 2-3, M.S. No. 1304 Newman lode, at a point from which Cor. No. 2 bears S.17°38'53"E., 65.57 ft. dist.
38.90	Intersect line 2-3, M.S. No. 1388A Telemeter lode, at a point from which Cor. No. 2 bears S.25°49'45"W., 44.22 ft. dist.
82.97	Cor. No. 3, on line 3-4 TELEMETER FRACTION lode of this survey.
	Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.E.F. 3 U.S.M.S. 4715; from which
	A rock monument, 3 ft. diam. base and 3 1/2 ft. above ground, stands adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.17°37'15"E.
42.71	Cor. No. 4 of the TELEMETER FRACTION lode of this survey.
66.65	Lode line; discovery point bears S.72°22'45"W., 56.77 ft. dist.
81.52	Intersect line 1-2, M.S. No. 1388A Telemeter lode, common with line 3-4 West End lode of the same survey, at a point from which Cor. No. 3 of the West End lode bears N.74°45'W., 27.79 ft. dist. From Cor. No. 3 of the West End lode, Cor. No. 2 of the Telemeter lode bears N.69°39'02"W., 64.46 ft. dist.
133.30	Cor. No. 4.
	Set an iron post, 24 ins. long, 3/4 ins. diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X W.E.F. 4 U.S.M.S. 4715; from which
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	No local bearing objects or bearing trees available.
	Thence S.72°22'45"W.

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FEET	
74.12	Intersect line 1-2, M.S. No. 1304 Newman lode, at a point from which Cor. No. 2 bears N.17°38'53"W., 76.73 ft. dist.
82.37	Cor. No. 1, and place of beginning.

Mineral Survey No. 4715

AREAS

	Acres
Total area, TELEMETER FRACTION lode	0.178
Area in conflict with --	
M.S. No. 1304 Newman lode	0.018
M.S. No. 1388A Black Hawk lode	0.025
M.S. No. 1388A Black Hawk lode, exclusive of its conflict with:	
(1) M.S. No. 1304 Newman lode	0.020
(2) M.S. No. 1388A Telemeter lode	0.025
(3) M.S. Nos. 1304 and 1388A Newman and Telemeter lodes	0.020
M.S. No. 1388A Telemeter lode	0.085
WEST END FRACTION lode of this survey	0.081
WEST END FRACTION LODE of this survey exclusive of its conflict with:	
(1) M.S. No. 1304 Newman lode	0.073
(2) M.S. No. 1388A Telemeter lode	0.021
(3) M.S. Nos. 1304 and 1388A Newman and Telemeter lodes	0.013
Total area, WEST END FRACTION lode	0.262
Area in conflict with --	
M.S. No. 1304 Newman lode	0.027
M.S. No. 1388A Telemeter lode	0.089
M.S. No. 1388A West End lode	0.090
M.S. No. 1388A West End lode, exclusive of its conflict with M.S. No. 1304 Newman lode	0.086

LOCATION

This survey is in the SW 1/4 sec. 14, T.18 S., R.15 E., G&SRM.

The survey of the TELEMETER FRACTION and WEST END FRACTION lodes is identical with the respective location or amended location as marked on the ground.

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 point of the TELEMETER FRACTION lode is on the lode line, 23.5 ft. from a point on line 1-2, 47.07 ft. from Cor. No. 1.

Value: None.

	FEET		
	No. 1	The discovery point of the WEST END FRACTION lode is on the lode line, 25.6 ft. from a point on line 1-2, 66.65 ft. from Cor. No. 1. Value: None. An interest in a common improvement described as follows: A drill hole, No. A-789, the collar of which bears N.0°30'W., 86 ft. from Cor. No. 1 of the WEST END FRACTION lode; size BX, depth 33 ft. Value: $732.60. A drill hole, No. A-788, the collar of which bears N.12°E., 35 ft. from Cor. No. 1 of the TELEMETER FRACTION lode, size NX, depth 17 ft. Value: $302.30. Value of drilling: $1,034.60 Value of one-half interest: $517.30 This improvement was done to investigate surface mineralization on the two lodes of this survey. Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, an undivided one-half interest in its value is hereby credited to each of said lodes. No portion of or interest in this improvement has been credited heretofore as patent expendidture to any lode claim. OTHER IMPROVEMENTS None OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA M.S. No. 1304 Newman lode: Cors. Nos. 1 and 2 are wood posts, 4 x 4 ins., 2 ft. above ground, standing in a mound of stones. The posts are slightly loose in the ground or stones. The inscribed data are partially identifiable. Cor. No. 3 could not be found. Line 1-2 was found to be N.17°38'53"W., 183.44 ft. instead of N.17°30"W., 182.0 ft. as approved. Line 2-3 is shown as a projection of line 1-2 at N.17°38'53"W. instead of N.17°30'W. as approved. M.S. No. 1388A BLACK HAWK lode: Cors. Nos. 1 and 2 are wood posts, 4 x 4 ins., 2 ft. above ground, standing loose in the ground or stones. The inscribed data are partially identifiable. Line 1-2 was found to be S.63°52'52"W. instead of S.64°04'W. as approved.	

FEET

M.S. No. 1388A TELEMETER lode: Cors. Nos. 2 and 3 are wood posts, 4 x 4 ins., 2 ft. above ground, standing in a mound of stones. The posts are slightly loose in the ground or stones. The inscribed data are partially identifiable. Line 2-3 was found to be N.25°49'45"E. instead of N.25°30'E. as approved. Line 1-2 is shown in two sections. Cor. No. 3, M.S. No. 1388A WEST END lode, is shown as being on line 1-2 of the TELEMETER lode; however, line 1-2 from Cor. No. 3 of the WEST END lode to Cor. No. 2 of the TELEMETER lode was found to be N.69°39'02"W., 64.46 ft. instead of N.74°45'W., 13.5 ft. as approved. Line 1-2 from Cor. No. 1 of the TELEMETER lode to Cor. No. 3 of the WEST END LODE is shown as approved.

M.S. No. 1388A WEST END lode: Cor. No. 3 and the west end center monument are wood posts, 4 x 4 ins., 2 ft. above ground, standing in a mound of stones. The posts are slightly loose in the ground or stones. The inscribed data are partially identifiable. Line 2-3 was found to be N.33°45'48"E. from the west end center monument to Cor. No. 3 instead of N.25°30'E., as approved. Line 3-4 described above.

FIELD ASSISTANTS

Name	Capacity
George Erickson	Instrumentman
Theodore Hilbrands	Chainman-Axeman

Form 3860–7
(November 1976)
(formerly 3400–8)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Harvey W. Smith	October 18, 1977

I HEREBY CERTIFY That in pursuance of an order received from the Chief, Branch of Cadastral Survey, Bureau of Land Management, at Phoenix, dated 3/28/72 and 5/2, 1977, I have carefully executed the survey of the claim of Anamax Mining Company, known as the *(lode, placer, or mill site)* TELEMETER FRACTION and WEST END FRACTION, situated in Helvetia Mining District, Pima County, Sec. 14, Township 18 South Range 15 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4715, 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)* TELEMETER FRACTION and WEST END FRACTION Lode location(s) embraced in the said mining claim by claimant(s) or their 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.

Harvey W. Smith

Paradise Valley, Arizona
(Location)

Harvey W. Smith
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office: Arizona State Office
Location: Phoenix, Arizona
Date: April 9, 1979

The foregoing field notes of mineral survey number 4715, in Section 14, [X] surveyed [ ] unsurveyed Township 18 S., Range 15 E., Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated 3/28/72 & Amd. 5/2, 1977, 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.

Boyd S. Owens
Boyd S. Owens
(Authorized Signature)

Chief, Branch of Cadastral Survey
(Title)

CERTIFICATE OF TRANSCRIPT

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

(Authorized Signature) (Title)

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.

GPO 838-009