

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4716

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	AMENDED
Falls No. 2	1/29/63	

Mining district Helvetia			County Pima	
Section 25	Township 18 South	Range 15 East	Meridian Gila and Salt River	Survey under order dated 3/28/72 & 5/2/77
Survey commenced 9/1/73		Survey completed 10/30/77	Name of Mineral Surveyor Harvey W. Smith, E.M.	

STATE OF ARIZONA
DEPARTMENT OF LAND MANAGEMENT
LAND OFFICE

DEPARTMENT OF LAND MANAGEMENT
LAND OFFICE

Palms No. 2
Palm Springs, Arizona 85629

STATE OF ARIZONA
DEPARTMENT OF LAND MANAGEMENT

Palms No. 2

STATE OF ARIZONA	DEPARTMENT OF LAND MANAGEMENT
LAND OFFICE	LAND OFFICE
Palms No. 2	Palms No. 2
Palm Springs, Arizona 85629	Palm Springs, Arizona 85629

FEET	<p>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.</p> <p>All azimuths in this record were determined by the method of horizontal-angles-right referred to the meridian determined by the following observation:</p> <p>September 14, 1973, at Cor. No. 3 of the Falls No. 2 lode, latitude $31^{\circ}50'18.6''N.$, longitude $110^{\circ}45'48''W.$, elevation 5,680 ft. above sea level, and temperature $90^{\circ}F.$, 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 from a reference point about 300 ft. southeastward S.W. to the sun.</p> <p style="padding-left: 40px;">Mean time of observation, 105th meridian standard time = $3^h27^m57.1^s$p.m.</p> <p style="padding-left: 40px;">Declination of sun at mean time of observation = $3^{\circ}11'20.4''N.$</p> <p style="padding-left: 40px;">Mean observed vertical angle to sun's center = $32^{\circ}48'57''$</p> <p style="padding-left: 40px;">Mean horizontal angle from reference point to sun's center = $99^{\circ}51'03''$</p> <p style="padding-left: 40px;">True bearing to reference point = $S.28^{\circ}39'03''E.$</p> <p>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. In addition to the steel tape, a Hewlett-Packard Model 3800 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.</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 $13^{\circ}30'E.$</p>
	<p>Mineral Survey No. 4716</p>

FEET		
	FALLS No. 2 LODE	
	At Cor. No. 1 of the Falls No. 2 lode.	
	Set an iron post 30 ins. long, 3/4 in. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F. 2 U.S.M.S. 4716; from which	
	<p>The cor. of secs. 19, 24, 25 and 30, T.18 S., Rs. 15 and 16 E., G&SRM, bears N.37°08'24"E., 2,749.12 ft. dist.; monumented with an iron post, 2 ins. diam., 12 ins. above ground, firmly set, with a brass cap properly mkd.</p> <p>Cor. No. 3, M.S. No. 1297A Falls lode, identical with Cor. No. 3, M.S. No. 1297A Ajax Consolidated lode, on line 3-4, M.S. No. 3954 Rainbow lode, bears N.0°11'04"E., 7.46 ft. dist.</p> <p>Cor. No. 4, M.S. No. 3954 Rainbow lode, bears S.88°55'38"W., 46.94 ft. dist.</p> <p>A wood post, 4 X 4 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.10°50'26"W.</p>	
1,239.31	Intersect line 2-3, M.S. No. 1297A Central lode, at a point from which Cor. No. 2 bears S.73°45'55"W., 47.69 ft. dist.	
1,343.97	Intersect line 1-2, M.S. No. 1297A Central lode, at a point from which Cor. No. 2 bears N.16°15'46"W., 93.20 ft. dist.	
1,495.54	Intersect line 1-2, M.S. No. 1297A Falls lode, common with line 3-4, M.S. No. 1297A Franklin lode, at a point from which Cor. No. 2 Falls lode, bears N.47°46'20"W., 251.46 ft. dist. From that point, Cor. No. 3 of the Franklin lode bears N.47°52'44"W., 103.01 ft. dist.	
1,497.49	<p>Cor. No. 2.</p> <p>Set an iron post 30 ins. long, 3/4 in. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X F. 2 U.S.M.S. 4716; from which</p> <p>Cor. No. 2, M.S. No. 1297A Central lode, bears N.0°39'42"E., 240.26 ft. dist.</p> <p>Cor. No. 2, M.S. No. 1297A Falls lode, bears N.47°23'40"W., 252.48 ft. dist.</p> <p>A wood post, 4 X 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p>	

	FEET		
		<p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.47°37'14"W.</p>	
	300.00	Lode line; discovery point bears N.10°48'27"E., 100 ft. dist.	
	355.49	Intersect line 2-3, M.S. No. 1297A Franklin lode, common with line 4-1, M.S. No. 1297A Old Pap Copper lode, at a point from which Cor. No. 3 of the Franklin lode bears N.42°21'28"E., 0.53 ft. dist. From that point, Cor. No. 4 of the Old Pap Copper lode bears N.42°09'E., 181.98 ft. dist.	
	600.00	<p>Cor. No. 3.</p> <p>Set an iron post 30 ins. long, 3/4 in. in diam., 12 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. 4716; from which</p> <p style="padding-left: 40px;">Cor. No. 3, M.S. No. 1297A Franklin lode, bears S.47°44'41"E., 244.51 ft. dist.</p> <p style="padding-left: 40px;">Cor. No. 4, M.S. No. 1297A Old Pap Copper lode, bears S.84°26'28"E., 304.53 ft. dist.</p> <p style="padding-left: 40px;">A wood post, 4 X 4 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 N.10°48'27"E.</p>	
	654.80	Intersect line 3-4, M.S. No. 1297A Old Pap Copper lode, at a point from which Cor. No. 4 bears S.15°00'20"E., 696.44 ft. dist.	
	1,498.00	<p>Cor. No. 4.</p> <p>Set an iron post 30 ins. long, 3/4 in. in diam., 12 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. 4716; from which</p> <p style="padding-left: 40px;">A wood post, 4 X 4 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°37'14"E.</p>	

FEET	
300.00	Lode line; discovery point bears S.10°48'27"W., 1,398 ft. dist.
523.91	Intersect line 4-1, M.S. No. 3954 Rainbow lode, at a point from which Cor. No. 4 bears S.10°44'E., 53.78 ft. dist.
591.74	Intersect line 3-4, M.S. No. 3954 Rainbow lode, at a point from which Cor. No. 4 bears S.79°55'32"W., 40.72 ft. dist.
598.30	Intersect line 2-3, M.S. No. 1297A Falls lode, at a point from which Cor. No. 2 bears S.19°40'38"W., 1,382.40 ft. dist.
601.00	Cor. No. 1, and place of beginning.
Mineral Survey No. 4716	
AREAS	
	Acres
Total area, Falls No. 2 lode-----	17.594
Area in conflict with --	
M.S. No. 1297A Central lode-----	0.051
M.S. No. 1297A Franklin lode-----	0.009
M.S. No. 1297A Old Pap Copper lode-----	2.792
M.S. No. 1297A Falls lode-----	3.725
M.S. No. 1297A Falls lode, exclusive of its conflict with M.S. No. 1297A Central lode-----	3.674
M.S. No. 3954 Rainbow lode-----	0.025
LOCATION	
This survey is located in the NE 1/4 and SE 1/4 sec. 25, T.18 S., R.15 E., Gila and Salt River Meridian.	
The survey of the Falls No. 2 lode is identical with its 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 Falls No. 2 lode is on the lode line, 100 ft. from a point on line 2-3, 300 ft. from Cor. No. 2. Value, None.
No. 2	A drill hole, No. A743, bears S.21°11'W., 1,353 ft. from Cor. No. 1 of the Falls No. 2 lode; NX in size, 170 ft. deep. Value, \$1,536.00

FEET		
	<p>OTHER IMPROVEMENTS</p> <p>None</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>M.S. No. 1297A Central lode: Cors. Nos. 1, 2 and 3 are monumented with pine posts firmly set and properly mkd. That portion of line 1-2 within the Falls No. 2 lode was found to be N.16°15'46"W., 341.44 ft., instead of N.16°30"W., 346. ft., as approved. This was established from Cor. No. 4, M.S. 1297A Franklin lode, on line 1-2 of the Central lode, and Cor. No. 2 Central lode. Line 2-3 was found to be N.73°45'55"E., 598.36 ft., instead of N.73°30'E., 600 ft., as approved.</p> <p>M.S. No. 1297A Franklin lode: Cors. Nos. 3, 4 and 5 are monumented with pine posts, firmly set and properly mkd. Line 2-3, common with line 4-1, M.S. No. 1297A Old Pap Copper lode was found to be N.42°21'28"E., instead of N.42°15'E., as approved. This was established from Cor. No. 1 of the Old Pap Copper lode, identical with Cor. No. 4, M.S. No. 1297A Old Put Con. lode, on line 2-3 of the Franklin lode, and Cor. No. 3 Franklin lode. Line 3-4, common with line 1-2, M.S. No. 1297A Falls lode, was found to be as follows: S.47°52'44"E., 103.01 ft. to Cor. No. 2 of the Falls lode; thence S.47°46'20"E., 384.97 ft. to Cor. No. 4, instead of S.47°45'E., 488.50 ft., as approved.</p> <p>M.S. No. 1297A Falls lode: Cors. Nos. 1, 2 and 3 are monumented with pine posts, firmly set and properly mkd. Line 1-2, common with line 3-4 of the Franklin lode of the same survey, described above. Line 2-3 was found to be N.19°40'38"E., 1,388.39 ft. instead of N.20°25'E., 1,379.5 ft., as approved.</p> <p>M.S. No. 1297A Old Pap Copper lode: Cor. No. 1 described above. Cors. Nos. 3 and 4 are monumented with pine posts, firmly set and properly mkd. Line 3-4 was found to be S.15°00'20'E., 1,491.77 ft. instead of S.15°E., 1,500 ft. as approved. Line 4-1 was found to be S.42°09'W., 181.98 ft. to Cor. No. 3, M.S. No. 1297A Franklin lode, on line 4-1 of the Old Pap Copper lode, described above; thence S.42°21'28"W., 529.28 ft. to Cor. No. 1, identical with Cor. No. 4 Old Put Con. lode and on line 2-3 Franklin lode, both of M.S No. 1297A, instead of S.42°15'W., 713 ft., as approved.</p> <p>M.S. No. 3954 Rainbow lode: Cors. Nos. 1 and 4 are monumented with pine posts, firmly set and properly mkd. That portion of line 3-4 from Cor. No. 3, M.S. No. 1297A Falls lode to Cor. No. 4 was found to be S.79°55'32"W., 47.69 ft., instead of S.82°53'W., 42.95 ft., as approved. Line 4-1 was found to be N.10°44'W., 1,046.07 ft. instead of N.10°44'W., 1,046.4 ft., as approved.</p>	

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FEET

MEMORANDUM

None

FIELD ASSISTANTS

Name	Capacity
Kent D. Miller	Assistant Instrumentman
Charles Najarian	Chainman-Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

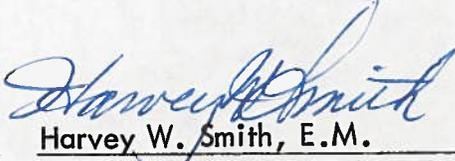
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Harvey W. Smith, E.M.	Date October 30, 1977
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I HEREBY CERTIFY That in pursuance of an order received from the Chief, Branch of Cadastral Survey, Bureau of Land Management, at Phoenix, Arizona, dated March 28, 1972 and May 2, 1977, I have carefully executed the survey of the claim of Anamax Mining Company known as the (lode, placer, or mill site) Falls No. 2 Lode situated in Helvetia Mining District, Pima County, Sec. 25 Range 15 East Gila & Salt River Meridian, in the State of Arizona, Township 18 South,

This survey, designated as number 4716, 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.

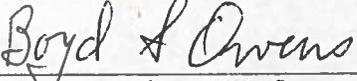
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Falls No. 2 Lode location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified 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.

Paradise Valley, Arizona (Location)	 Harvey W. Smith, E.M. (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date March 22, 1979

The foregoing field notes of mineral survey number 4716, in Section 25, Range 15 E., Gila and Salt River Meridian, in the State of Arizona, surveyed unsurveyed Township 18 S., executed by Harvey W. Smith Amended May 2, Mineral Surveyor, under order dated March 28, 1972 & 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 (Authorized Signature)	Chief, Branch of Cadastral Survey (Title)
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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)
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