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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number: 4791
State: Arizona
Land District: Arizona

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

Phelps Dodge Corporation
c/o Evans, Kitchel & Jenckes, P.C.
363 North First Avenue
Phoenix, Arizona 85003

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE LOCATED	DATE AMENDED
ELS-BETH No. 1	5/1/55	10/18/76
ELS-BETH No. 2	5/1/55	10/18/76
ELS-BETH No. 3	5/1/55	10/18/76
ELS-BETH No. 4	5/1/55	10/18/76
ELS-BETH No. 5	5/1/55	10/18/76

Mining district: Greenlee Gold Mtn.			County: Greenlee	
Section: 2,3,10 & 11	Township: 4 South	Range: 29 East	Meridian: G.&.S.R.	Survey under order dated: 12/7/76
Survey commenced: Jan. 12, 1977	Survey completed: Aug. 1, 1977		Name of Mineral Surveyor: Harvey W. Smith	

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 10-second accuracy and estimating to 1-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:

January 19, 1977, at Cor. No. 4 of the ELS-BETH No. 4 lode, latitude 33°06'26.6" N., longitude 109°20'23.3" W., elevation 5,960 ft. above sea level, and temperature 45° 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 1,500 ft. northwestward SE. to the sun.

Mean time of observation, 105th meridian standard time	= $9^h\ 59^m\ 09^s$ a.m.
Declination of sun at mean time of observation	= 20°14'55.8" S.
Mean observed vertical angle to sun's center	= 28°05'45"
Mean horizontal angle from reference point to sun's center	= 164°23'47"
True bearing to reference point	= N. 19°42'47" 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. 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.

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° E.

FEET	
	Mineral Survey No. 4791
	ELS-BETH No. 1 LODE
	At Cor. No. 1 of the ELS-BETH No. 1 lode, identical with Cor. No. 3 of the ELS-BETH No. 2 lode of this survey, Cor. No. 1, M.S. No. 3945 Euclaire lode, and Cor. No. 2, M.S. No. 3945 Graham No. 1 lode.
	Fd. a stone monument, the center of which I accept as the true point.
	Set an iron post, 30 ins. long, 3/4 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 E.B.1 1 E.B.2 3 U.S.M.S. 4791 E. 1 G.1 2 U.S.M.S. 3945; from which
	The cor. of secs. 2, 3, 10 and 11, T. 4 S., R. 29 E., G&SRM, bears S. 3°04'46" W., 1,862.36 ft. dist.; monumented with an iron post, 2 ins. diam., 12 ins. above ground, not firmly set, with a brass cap properly mkd.
	Cor. No. 2, M.S. No. 2907 Raton No. 2 lode, bears S. 53°34'43" W., 585.34 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 S. 61°51'46" W.
114.27	Intersect the line bet. secs. 2 and 3 at a point from which cor. of secs. 2, 3, 10 and 11 bears S. 0°01'22" E., 1,805.78 ft. dist. Leave patented land.
310.	Center of unimproved dirt road, 16 ft. wide, bears N. 6° E. and S. 6° W.
335.	Center of unimproved dirt road, 16 ft. wide, bears N. 18° E. and S. 18° W.
428.00	Intersect line 1-2, M.S. No. 2907 Raton No. 2 lode, at a point from which Cor. No. 1, identical with Cor. No. 2, M.S. No. 2907 Raton lode, bears N. 32°43' E., 426.83 ft. dist.
636.65	Intersect line 2-3, M.S. No. 2907 Raton No. 2 lode, at a point from which Cor. No. 2 bears S. 62°23' E., 102.03 ft. dist.
1,488.86	Intersect line 4-1 ELS-BETH No. 3 lode of this survey.
1,499.50	Cor. No. 2, identical with Cor. No. 2 of the ELS-BETH No. 2 lode of this survey.

FEET	
	This cor. falls on an extremely steep talus slope where a permanent monument cannot be established; from this point Cor. No. 4, M.S. No. 4255A Native Copper No. 3 lode, identical with Cor. No. 4 ELS-BETH No. 3 lode of this survey, bears N. 38°10' W., 43.0 ft. dist.
	Thence N. 38°10' W.
43.00	Cor. No. 4 ELS-BETH No. 3 lode of this survey, identical with Cor. No. 4, M.S. No. 4255A Native Copper No. 3 lode, and intersect line 1-2, M.S. No. 2907 War Eagle lode, at a point from which Cor. No. 1 bears N. 30°22' E., 696.43 ft. dist.
150.00	Lode line; discovery point bears N. 56°11'59" E., 600 ft. dist.
300.00	Cor. No. 3.
	This cor. falls on an extremely steep talus slope where a permanent monument cannot be established.
	Thence N. 50°27'02" E.
97.86	Point for witness Cor. No. 3.
	Set an iron post, 30 ins. long, 3/4 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 W.C. E.B.1 3 U.S.M.S. 4791; 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.
640.38	Intersect line 4-1, M.S. No. 2907 War Eagle lode, common with line 2-3, M.S. No. 2907 Raton No. 2 lode, at a point from which Cor. No. 1 of the War Eagle lode bears S. 62°23' E., 19.30 ft. dist. and Cor. No. 2 of the Raton No. 2 lode bears S. 62°23' E., 612.70 ft. dist.
1,288.83	Intersect line 4-1, M.S. No. 2907 Raton No. 2 lode, common with line 2-3, M.S. No. 2907 Raton lode, at a point from which Cor. No. 1 of the Raton No. 2 lode, identical with Cor. No. 2 of the Raton lode, bears S. 62°23' E., 414.39 ft. dist.
1,477.02	Cor. No. 4, identical with Cor. No. 1, M.S. No. 3945 Graham No. 1 lode.
	Fd. a stone, 8 x 10 ins. 20 ins. above ground, loosely set, mkd. X 1 G 3945, which I accept as the true point. I removed the stone and

FEET	
	Set an iron post, 30 ins. long, 3/4 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 E.B.1 4 U.S.M.S. 4791 G.1 1 U.S.M.S. 3945; from which Cor. No. 1, M.S. No. 2907 Raton No. 2 lode, identical with Cor. No. 2, M.S. No. 2907 Raton lode, bears S. 35°27' E., 382.9 ft. dist. Cor. No. 1, M.S. No. 2907 War Eagle lode, bears S. 49°13'20" W., 829.33 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 S. 38°10' E.
298.40	Lode line; discovery point bears S. 56°11'59" W., 880.88 ft. dist.
345.	Center of unimproved dirt road, 16 ft. wide, bears N. 27° E. and S. 27° W.
376.17	Intersect line 1-2, M.S. No. 2907 Raton lode, at a point from which Cor. No. 2, identical with Cor. No. 1, M.S. No. 2907 Raton No. 2 lode, bears S. 32°43' W., 19.22 ft. dist.
433.61	Intersect the line bet. secs. 2 and 3 at a point from which the cor. of secs. 2, 3, 10 and 11 bears S. 0°01'22" E., 1,987.97 ft. dist.; heretofore described. Enter patented land.
596.80	Cor. No. 1, and place of beginning.
	ELS-BETH No. 2 LODE At Cor. No. 1 of the ELS-BETH No. 2 lode, on line 2-3, M.S. No. 3945 Nevada lode. Set an iron post, 30 ins. long, 3/4 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 E.B.2 1 U.S.M.S. 4791; from which The cor. of secs. 2, 3, 10 and 11 bears S. 50°17'08" E., 1,131.88 ft. dist.; heretofore described. Cor. No. 2, M.S. No. 3945 Nevada lode, bears S. 61°51'46" W., 1.54 ft. dist.

FEET	
	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. 39°18'49" W.
15.	Center of unimproved dirt road, 16 ft. wide, bears N. 87° E. and S. 85° W.
277.44	Lode line; discovery point bears N. 61°51'46" E., 899.5 ft. dist.
310.	Center of unimproved dirt road, 16 ft. wide, bears N. 76° W. and S. 76° E.
365.	Center of unimproved dirt road, 16 ft. wide, bears N. 77° W. and S. 80° E.
377.86	Point for witness Cor. No. 2, identical with Cor. No. 2 of the ELS-BETH No. 1 lode of this survey.
	Set an iron post, 30 ins. long, 3/4 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 W.C. E.B.2 2 E.B.1 2 U.S.M.S. 4791; 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.
554.88	Cor. No. 2, identical with Cor. No. 2 of the ELS-BETH No. 1 lode of this survey.
	This point falls on an extremely steep talus slope where a permanent monument cannot be established.
	Thence N. 61°51'46" E.
10.64	Intersect line 4-1 ELS-BETH No. 3 lode of this survey, common with line 4-1, M.S. No. 4255A Native Copper No. 3 lode, at a point from which Cor. No. 4, identical with Cor. No. 4 of the ELS-BETH No. 3 lode, bears N. 51°20' W., 46.06 ft. dist.
862.85	Intersect line 2-3, M.S. No. 2907 Raton No. 2 lode, at a point from which Cor. No. 2 bears S. 62°33' E., 102.03 ft. dist.
1,071.50	Intersect line 1-2, M.S. No. 2907 Raton No. 2 lode, at a point from which Cor. No. 2 bears S. 32°43' W., 173.17 ft. dist.
1,164.5	Center of unimproved dirt road, 16 ft. wide, bears N. 18° E. and S. 18° W.

FEET	
1,189.5	Center of unimproved dirt road, 16 ft. wide, bears N. 6° E. and S. 6° W.
1,385.23	Intersect the line bet. secs. 2 and 3 at a point from which the cor. of secs. 2, 3, 10 and 11 bears S. 0° 01'22" E., 1,805.78 ft. dist.; heretofore described. Enter patented land.
1,499.50	Cor. No. 3, identical with Cor. No. 1 of the ELS-BETH No. 1 lode of this survey, Cor. No. 2, M.S. No. 3945 Graham No. 1 lode, and Cor. No. 1, M.S. No. 3945 Euclaire lode.
	Thence S. 39°18'49" E.
277.44	Lode line; discovery point bears S. 61°51'46" W., 600 ft. dist.
554.88	Cor. No. 4, identical with Cor. No. 3, M.S. No. 3945 Nevada lode.
	Set an iron post, 30 ins. long, 3/4 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 E.B.2 4 U.S.M.S. 4791 N. 3 U.S.M.S. 3945; from which
	Cor. No. 2, M.S. No. 3945 Euclaire lode, identical with Cor. No. 3, M.S. No. 3058 Olivette lode, bears S. 38°24'06" E., 31.18 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 S. 61°51'46" W.
0.48	Intersect line 1-2, M.S. No. 3945 Euclaire lode, at a point from which Cor. No. 2, identical with Cor. No. 3, M.S. No. 3058 Olivette lode, bears S. 39°15'55" E., 31.18 ft. dist.
512.66	Intersect the line bet. secs. 2 and 3 at a point from which the cor. of secs. 2, 3, 10 and 11 bears S. 0°01'22" E., 1,188.61 ft. dist. Leave patented land.
550.	Center of unimproved dirt road, 16 ft.wide, bears N. 32° W. and S. 32° E.
1,265.	Center of unimproved dirt road, 16 ft. wide, bears N. 65° W. and S. 65° E.
1,363.14	Intersect line 4-1 ELS-BETH No. 3 lode of this survey, common with line 4-1, M.S. No. 4255A Native Copper No. 3 lode, at a point from which Cor. No. 4, identical with Cor. No. 4 of the ELS-BETH No. 3

FEET	
	lode, bears N. 51°20' W., 638.29 ft. dist.
1,490.	Center of unimproved dirt road, 16 ft. wide, bears N. 87° E. and S. 87° W.
1,499.50	Cor. No. 1, and place of beginning.
	ELS-BETH No. 3 LODE
	At Cor. No. 1 of the ELS-BETH No. 3 lode, identical with Cor. No. 1, M.S. No. 4255A Native Copper No. 3 lode.
	Set an iron post, 30 ins. long, 3/4 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 E.B.3 1 U.S.M.S. 4791 N.C.3 1 U.S.M.S. 4255A; from which
	The cor. of secs. 2, 3, 10 and 11 bears S. 22°56'55" E., 307.2 ft. dist.; heretofore described.
	Cor. No. 1, M.S. No. 3945 Nevada lode, bears S. 84°13'59" W., 375.79 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 S. 30°22' W.
300.00	Lode line; discovery point bears N. 51°20' W., 600 ft. dist.
335.	Center of unimproved dirt road, 16 ft. wide, bears N. 35° W. and S. 38° E.
600.00	Cor. No. 2, identical with Cor. No. 2, M.S. No. 4255A Native Copper No. 3 lode.
	Set an iron post, 30 ins. long, 3/4 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 E.B.3 2 U.S.M.S. 4791 N.C.3 2 U.S.M.S. 4255A; 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 N. 51°20' W.
154.22	Intersect line 3-4, M.S. No. 2709 White Tail lode, at a point from which Cor. No. 3 bears N. 29°36'30" W.,

FEET	
	1,072.71 ft. dist.
156.97	Intersect line 3-4 ELS-BETH No. 4 lode of this survey.
1,166.10	Intersect line 3-4, M.S. No. 4419 After Thought lode, at a point from which Cor. No. 3 bears N. 0° 04' E., 280.49 ft. dist.
1,250.95	Intersect line 2-3, M.S. No. 2709 White Tail lode, at a point from which Cor. No. 3 bears N. 52° 49'53" E., 409.51 ft. dist.
1,446.00	Cor. No. 3, identical with Cor. No. 3, M.S. No. 4255A Native Copper No. 3 lode, on line 1-2, M.S. No. 2907 War Eagle lode. Set an iron post, 30 ins. long, 3/4 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 E.B.3 3 U.S.M.S. 4791 N.C.3 3 U.S.M.S. 4255A; from which Cor. No. 3, M.S. No. 2709 White Tail lode, bears N. 75° 18'05" E., 494.81 ft. dist. Cor. No. 3, M.S. No. 4419 After Thought lode, bears N. 64° 14'22" E., 243.02 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. 30° 22' E.
122.63	Intersect line 2-3, M.S. No. 4419 After Thought lode, at a point from which Cor. No. 3 bears S. 89° 56' E., 156.88 ft. dist.
300.00	Lode line; discovery point bears S. 51° 20' E., 846 ft. dist.
600.00	Cor. No. 4, identical with Cor. No. 4, M.S. No. 4255A Native Copper No. 3 lode, on line 2-3 ELS-BETH No. 1 lode of this survey. This point falls on an extremely steep talus slope where a permanent monument cannot be established. Thence S. 51° 20' E.
46.06	Intersect line 1-2 ELS-BETH No. 1 lode, common with line 2-3 ELS-BETH No. 2 lode, both of this survey.
260.	Center of unimproved dirt road, 16 ft. wide, bears S. 80° W. and N. 85° E.

FEET	
410.	Center of unimproved dirt road, 16 ft. wide, bears N. 65°30' W. and S. 65°30' E.
638.29	Intersect line 4-1 ELS-BETH No. 2 lode of this survey, common with line 2-3, M.S. No. 3945 Nevada lode, at a point from which Cor. No. 2 of the Nevada lode bears S. 61°51'46" W., 137.90 ft. dist.
715.	Center of unimproved dirt road, 16 ft. wide, bears East and West.
1,290.40	Intersect line 4-1, M.S. No. 3945 Nevada lode, common with the north side line of Lot 18 and the NW. cor. of Lot 18, sec. 3, T. 4 S., R. 29 E., G&SRM, at a point from which Cor. No. 1 of the Nevada lode bears S. 61°51'46" W., 286.21 ft. dist.
1,436.13	Intersect line 3-4 ELS-BETH No. 4 lode of this survey, common with the south side line of Lot 18 and the SW. cor. of Lot 18.
1,446.00	Cor. No. 1, and place of beginning.
	ELS-BETH No. 4 LODE
	At Cor. No. 1 of the ELS-BETH No. 4 lode.
	This point falls on a granite outcrop, 4 x 8 ft. in size, 4 ft. above ground, on which I mark--X E.B.4 1 U.S.M.S. 4791; from which
	The cor. of secs. 2, 3, 10 and 11 bears S. 77°02'05" W., 569.62 ft. dist.; heretofore described.
	Cor. No. 1, M.S. No. 4255A Native Copper No. 5 lode, identical with Cor. No. 1, M.S. No. 4255A Native Copper No. 16 lode, bears S. 44°41'53" W., 622.81 ft. dist.
	Cor. No. 2, M.S. No. 3058 Main lode, bears S. 59°59'26" W., 70.64 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 S. 44°29' W.
7.83	Intersect line 1-2, M.S. No. 3058 Main lode, at a point from which Cor. No. 2 bears S. 61°56' W., 62.96 ft. dist.

FEET	
179.13	Intersect the line bet. secs. 2 and 11 at a point from which the cor. of secs. 2, 3, 10 and 11 bears West, 429.58 ft. dist.; heretofore described.
622.58	Intersect line 4-1, M.S. No. 4255A Native Copper No. 5 lode, common with line 1-2 ELS-BETH No. 5 lode of this survey, and line 1-2, M.S. No. 4255A Native Copper No. 16 lode, at a point from which Cor. No. 1 of the Native Copper No. 5 lode, identical with Cor. No. 1 of the Native Copper No. 16 lode, bears N. 51°12' W., 2.35 ft. dist.
1,040.	Center of unimproved dirt road, 16 ft. wide, bears S. 11° W. and N. 18° E.
1,058.78	Intersect line 2-3, M.S. No. 2709 4-11 lode, at a point from which Cor. No. 2 of the 4-11 lode, identical with Cor. No. 4, M.S. No. 2709 White Tail lode, bears N. 51°13'47" W., 185.84 ft. dist.
1,080.00	Cor. No. 2.
	Set an iron post, 30 ins. long, 3/4 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 E.B.4 2 U.S.M.S. 4791; from which
	Cor. No. 2, M.S. No. 2709 4-11 lode, identical with Cor. No. 4, M.S. No. 2709 White Tail lode, bears N. 44°40'25" W., 184.93 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. 45°12' W.
0.17	Intersect line 4-1 ELS-BETH No. 5 lode of this survey.
0.38	Intersect line 4-1, M.S. No. 4255A Native Copper No. 16 lode, at a point from which Cor. No. 1 of the Native Copper No. 16 lode, identical with Cor. No. 1, M.S. No. 4255A Native Copper No. 5 lode, bears N. 44°14'20" E., 457.19 ft. dist.
185.17	Intersect line 1-2, M.S. No. 2709 4-11 lode, common with line 4-1, M.S. No. 2709 White Tail lode, at a point from which Cor. No. 2 of the 4-11 lode, identical with Cor. No. 4 of the White Tail lode, bears N. 52°55'43" E., 1.72 ft. dist.
300.00	Lode line; discovery point bears N. 44°29' E., 530 ft. dist.

FEET	
600.00	Cor. No. 3. Set an iron post, 30 ins. long, 3/4 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 E.B.4 3 U.S.M.S. 4791; from which Cor. No. 2, M.S. No. 4255A Native Copper No. 3 lode, identical with Cor. No. 2 of the ELS-BETH No. 3 lode of this survey, bears S. 85°50'34" E., 204.84 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. 44°29' E.
116.65	Intersect line 2-3 ELS-BETH No. 3 lode of this survey, common with line 2-3, M.S. No. 4255A Native Copper No. 3 lode, at a point from which Cor. No. 2 of the Native Copper No. 3 lode, identical with Cor. No. 2 of the ELS-BETH No. 3 lode, bears S. 51°20' E., 156.97 ft. dist.
117.71	Intersect line 3-4, M.S. No. 2709 White Tail lode, at a point from which Cor. No. 4, identical with Cor. No. 2, M.S. No. 2709 4-11 lode, bears S. 29°36'30" E., 431.60 ft. dist.
377.	Center of unimproved dirt road, 16 ft. wide, bears N. 70° W. and S. 70° E.
713.42	Intersect line 4-1 ELS-BETH No. 3 lode of this survey, in part common with the west side line of Lot 18, sec. 3, T. 4 S., R. 29 E., G&SRM, and the SW. cor. of Lot 18 and common with line 4-1, M.S. No. 4255A Native Copper No. 3 lode, at a point from which Cor. No. 1 of the Native Copper No. 3 lode, identical with Cor. No. 1 of the ELS-BETH No. 3 lode, bears S. 51°20' E., 9.87 ft. dist.
895.15	Intersect the line bet. secs. 2 and 3 at a point, identical with the SE. cor. of Lot 18, from which the cor. of secs. 2, 3, 10 and 11 bears S. 0°01'22" E., 418.71 ft. dist.; heretofore described. Enter patented land.
1,073.86	Intersect line 2-3, M.S. No. 3058 Main lode, at a point from which Cor. No. 2 bears S. 39°07'40" E., 584.74 ft. dist.
1,080.00	Cor. No. 4.

FEET	
	Set an iron post, 30 ins. long, 3/4 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 E.B.4 4 U.S.M.S. 4791; from which Cor. No. 3, M.S. No. 3058 Main lode, bears N. 52°17'31" W., 26.80 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 S. 45°12' E.
225.	Center of unimproved dirt road, 16 ft. wide, bears N. 12° E. and S. 12° W.
300.00	Lode line; discovery point bears S. 44°29' W., 550 ft. dist.
445.	Center of unimproved dirt road, 16 ft. wide, bears N. 67° W. and S. 67° E.
597.66	Intersect line 1-2, M.S. No. 4255A Native Copper No. 5 lode, at a point from which Cor. No. 1, identical with Cor. No. 1, M.S. No. 4255A Native Copper No. 16 lode, bears S. 44°29' W., 622.83 ft. dist.
600.00	Cor. No. 1, and place of beginning.
	ELS-BETH No. 5 LODE At Cor. No. 1 of the ELS-BETH No. 5 lode, on line 1-2, M.S. No. 4255A Native Copper No. 16 lode, common with line 4-1, M.S. No. 4255A Native Copper No. 5 lode. Set an iron post, 30 ins. long, 3/4 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 E.B.5 1 U.S.M.S. 4791; from which The cor. of secs. 2, 3, 10 and 11 bears N. 20°24'21" W., 336.14 ft. dist.; heretofore described. Cor. No. 1, M.S. No. 4255A Native Copper No. 5 lode, identical with Cor. No. 1, M.S. No. 4255A Native Copper No. 16 lode, bears N. 51°12' W., 0.22 ft. dist.

FEET	
	Cor. No. 3, M.S. No. 2709 4-11 lode, bears S. 3°19'27" E., 584.91 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 S. 51°12' E.
2.13	Intersect line 1-2 ELS-BETH No. 4 lode of this survey.
301.34	Lode line; discovery point bears S. 44°14'20" W., 200 ft. dist.
375.	Center of unimproved dirt road, 16 ft. wide, bears N. 30° E. and S. 30° W.
602.68	Cor. No. 2, identical with Cor. No. 2, M.S. No. 4255A Native Copper No. 16 lode, Cor. No. 4, M.S. No. 4255A Native Copper No. 5 lode, Cor. No. 3, M.S. No. 4244 Native Copper No. 6 lode, and Cor. No. 3, M.S. No. 4244 Native Copper No. 15 lode.
	Set an iron post, 30 ins. long, 3/4 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 E.B.5 2 U.S.M.S. 4791 N.C.5 4 N.C.16 2 U.S.M.S. 4255A N.C.6 3 N.C.15 3 U.S.M.S. 4244; from which
	A boulder in place, 3 x 4 ft., 6 ft. above ground, bears S. 74°59'40" W., 5.54 ft. dist., mkd. X B.R. E.B.5 2 4791 N.C.5 4 N.C.16 2 4255A N.C.6 N.C.15 4244.
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.
	Thence S. 44°14'20" W.
280.	Center of unimproved dirt road, 16 ft. wide, bears N. 24° E. and S. 22° W.
1,208.52	Cor. No. 3, identical with Cor. No. 3, M.S. No. 4255A Native Copper No. 16 lode, and Cor. No. 2, M.S. No. 4244 Native Copper No. 15 lode, on line 2-3, M.S. No. 2709 Sun Set lode.
	Fd. a granite rock outcrop, 5 x 5 ft. in size, 3 ft. above ground, mkd. X N.C.15 2 4244, to which I add marks E.B.5 3 4791 N.C.16 3 4255A; from which
	A granite rock outcrop, 2 x 8 ft. in size, 16 ins. above ground, bears S. 55°28'52" W., 21.46 ft. dist., mkd. X B.R. E.B.5 3 4791 N.C. 15 2 4244 N.C.16 3 4255A.

FEET	
	A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the granite outcrop.
	Thence N. 51°12' W.
288.79	Cor. No. 2, M.S. No. 2709 Sun Set lode, and intersect line 3-4, M.S. No. 2709 4-11 lode, at a point from which Cor. No. 3 bears N. 52°53' E., 793.09 ft. dist.
301.34	Lode line; discovery point bears N. 44°14'20" E., 1,008.52 ft. dist.
602.68	Cor. No. 4, on line 3-4 M.S. No. 4255A Native Copper No. 16 lode.
	Set an iron post, 30 ins. long, 3/4 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 E.B.5 4 U.S.M.S. 4791; from which
	Cor. No. 4, M.S. No. 4255A Native Copper No. 16 lode, bears N. 51°12' W., 0.22 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. 44°14'20" E.
751.30	Intersect line 2-3 ELS-BETH No. 4 lode of this survey.
772.51	Intersect line 2-3, M.S. No. 2709 4-11 lode, at a point from which Cor. No. 3 bears S. 51°13'47" E., 433.65 ft. dist.
791.33	Center of unimproved dirt road, 16 ft. wide, bears S. 11° W. and N. 18° E.
1,208.52	Cor. No. 1, and place of beginning.

Mineral Survey No. 4791

AREAS

	Acres
Total area, ELS-BETH No. 1 lode	15.200
Area in conflict with—	
M.S. No. 2907 RATON lode	0.903
M.S. No. 2907 RATON No. 2 lode	6.843
M.S. No. 2907 RATON No. 2 lode, exclusive of its conflict with TRACT A ..	4.725
M.S. No. 2907 WAR EAGLE lode.....	2.043
M.S. No. 4255A NATIVE COPPER No. 3 lode	0.005
SW 1/4 sec. 2, Lot 29	0.211

	FEET		Acres	
		Total area, ELS-BETH No. 2 lode	18.739	
		Area in conflict with -		
		M.S. No. 2907 RATON No. 2 lode	0.202	
		M.S. No. 2907 RATON No. 2 lode exclusive of its conflict with TRACT A	0.000	
		M.S. No. 3945 EUCLAIRE lode	0.003	
		M.S. No. 4255A NATIVE COPPER No. 3 lode	0.919	
		SW 1/4 sec. 2, Lot 29	3.917	
		Total area, ELS-BETH No. 3 lode	19.709	
		Area in conflict with -		
		M.S. No. 2709 WHITE TAIL lode	4.999	
		M.S. No. 4419 AFTER THOUGHT lode	0.895	
		M.S. No. 4419 AFTER THOUGHT lode, exclusive of its conflict with M.S. No. 2709 WHITE TAIL lode	0.816	
		M.S. No. 3945 NEVADA lode	2.918	
		M.S. No. 4255A NATIVE COPPER No. 3 lode	19.709	
		M.S. No. 4255A NATIVE COPPER No. 3 lode, exclusive of its conflict with:		
		(1)M.S. No. 2709 WHITE TAIL lode ...	14.710	
		(2)M.S. No. 3945 NEVADA lode	16.791	
		(3)M.S. No. 4419 AFTER THOUGHT lode	18.814	
		(4)M.S. Nos. 2709, 3945 and 4419, WHITE TAIL, NEVADA and AFTER THOUGHT lodes, respectively	10.976	
		ELS-BETH No. 1 lode of this survey	0.005	
		ELS-BETH No. 1 lode of this survey, exclusive of its conflict with M.S. No. 4255A NATIVE COPPER No. 3 lode	0.000	
		ELS-BETH No. 2 lode of this survey	0.919	
		ELS-BETH No. 2 lode of this survey, exclusive of its conflict with M.S. No. 4255A NATIVE COPPER No. 3 lode	0.000	
		Total area, ELS-BETH No. 4 lode	14.876	
		Area in conflict with -		
		M.S. No. 2709 WHITE TAIL lode	0.569	
		M.S. No. 2709 4-11 lode	0.049	
		M.S. No. 3058 MAINE lode	0.511	
		M.S. No. 4255A NATIVE COPPER No. 3 lode	1.137	
		M.S. No. 4255A NATIVE COPPER No. 3 lode, exclusive of its conflict with M.S. No. 2709 WHITE TAIL lode	1.136	
		M.S. No. 4255A NATIVE COPPER No. 5 lode	0.033	
		M.S. No. 4255A NATIVE COPPER No. 5 lode, exclusive of its conflict with M.S. No. 3058 MAINE lode	0.032	
		M.S. No. 4255A NATIVE COPPER No. 16 lode	0.014	

FEET

	Acres
M.S. No. 4255A NATIVE COPPER No. 16 lode, exclusive of its conflict with M.S. No. 2709 4-11 lode	0.013
ELS-BETH No. 3 lode of this survey	1.137
ELS-BETH No. 3 lode of this survey, exclusive of its conflict with:	
(1)M.S. No. 2709 WHITE TAIL lode ...	1.136
(2)M.S. No. 4255A NATIVE COPPER No. 3 lode	0.000
(3)M.S. No. 2709 and 4255A WHITE TAIL and NATIVE COPPER No. 3 lodes, respectively	0.000
SW 1/4 sec. 2, Lot 30	4.051
Total area, ELS-BETH No. 5 lode	16.645
Area in conflict with -	
M.S. No. 2709 4-11 lode	6.599
M.S. No. 4255A NATIVE COPPER No. 16 lode	16.645
M.S. No. 4255A NATIVE COPPER No. 16 lode, exclusive of its conflict with M.S. No. 2709 4-11 lode	10.046
ELS-BETH No. 4 lode of this survey	0.011
ELS-BETH No. 4 lode of this survey, exclusive of its conflict with:	
(1)M.S. No. 2709 4-11 lode	0.011
(2)M.S. No. 4255A NATIVE COPPER No. 16 lode	0.000
(3)M.S. No. 2709 and 4255A 4-11 and NATIVE COPPER No. 16 lodes, respectively	0.000

TRACT A

That portion of M.S. No. 2907 RATON No. 2 lode, excluded by said RATON No. 2 lode in favor of a location now abandoned, is bounded and described as follows:

Beginning at Cor. No. 2, M.S. No. 2907 RATON No. 2 lode -
Thence N. 62°23' W., 374.62 ft., to a point on line 2-3 RATON No. 2 lode;
Thence N. 4°00' E., 148.39 ft.;
Thence S. 86°00' E., 506.76 ft., to a point on line 1-2 RATON No. 2 lode;
Thence S. 32°43' W., 340.32 ft., to place of beginning.

Tract A contains 2.321 acres.

FEET	
	LOCATION
	This survey is located in the SW 1/4 sec. 2, SE 1/4 sec. 3, NE 1/4 sec. 10 and NW 1/4 sec. 11, T. 4 S., R. 29 E., Gila and Salt River Meridian. The survey of the ELS-BETH Nos. 1 through 5 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 ELS-BETH No. 1 lode is on the lode line 880.88 ft. from a point on line 4-1, 298.4 ft. from Cor. No. 4. Value, none.
No. 1	The discovery point of the ELS-BETH No. 2 lode is on the lode line 600 ft. from a point on line 3-4, 277.44 ft. from Cor. No. 3. Value, none.
No. 1	The discovery point of the ELS-BETH No. 3 lode is on the lode line 600 ft. from a point on line 1-2, 300 ft. from Cor. No. 1. Value, none.
No. 1	The discovery point of the ELS-BETH No. 4 lode is on the lode line, 530 ft. from a point on line 2-3, 300 ft. from Cor. No. 2. Value, none.
No. 1	The discovery point of the ELS-BETH No. 5 lode is on the lode line 200 ft. from a point on line 1-2, 301.34 ft. from Cor. No. 1. Value, none.
	An interest in a common improvement described as follows:
	A drilling program to explore these claims at depth. As the terrain is extremely rugged and the potential ore is rather deep, surface drilling is the only logical way to explore and delineate the ore horizons.
	Following is a list of drill holes describing each and giving its location within a particular lode and its value:
	A drill hole, No. GA-1, bears N. 71° 13' E., 275 ft. dist. from Cor. No. 3 of the ELS-BETH No. 3 lode; 3 ins. diam. in size, 1,406 ft. deep. Value, $9,800.
	A drill hole, No. GA-2, bears S. 57° 43' W., 297 ft. dist. from Cor. No. 1 of the ELS-BETH No. 3 lode; 3 ins. diam. in size, 511 ft. deep. Value, $3,600.
	A drill hole, No. GA-3, bears N. 81° 20' W., 545 ft. dist. from Cor. No. 1 of the ELS-BETH No. 3 lode; 3 ins. diam. in size, 557 ft. deep.

FEET

Value, $3,900.

Value of drill holes, $17,300.
Value of one-fifth interest, $3,460.

Five hundred dollars or over has been expended in these improvements 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-fifth interest in their value is hereby credited to each of said lodes of this survey.

No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.

OTHER IMPROVEMENTS

None

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

M.S. No. 2709 Sun Set lode: Cor. No. 3, identical with Cor. No. 2 Good Site lode of the same survey, is monumented with a pine post, firmly set and properly mkd. Cor. No. 2, after a diligent search, could not be found. The point for Cor. No. 2 was calculated from the record bearing of M.S. No. 4255A Native Copper No. 16 lode, line 3-4, and the record bearing from Cor. No. 3, M.S. No. 2709 4-11 lode, Cor. No. 3 which was found. From Cor. No. 2 to Cor. No. 3, M.S. No. 4255A Native Copper No. 16 lode, identical with Cor. No. 2, M.S. No. 4244 Native Copper No. 15 lode, and Cor. No. 3 of the ELS-BETH No. 5 lode of this survey was found to be S. 51° 12' E., 288.79 ft. instead of S. 51° 12' E., 294.55 ft. as approved. From Cor. No. 3 of the ELS-BETH No. 5 lode to Cor. No. 3 of the Sun Set lode was found to be S. 50° 03' E., 327.74 ft. instead of S. 51° 12' E., 323.45 ft. as approved. Line 1-2, in part common with line 3-4 4-11 lode of the same survey is shown as approved as is line 3-4.

M.S. No. 2709 4-11 lode: Cor. No. 2, identical with Cor. No. 4 of the White Tail lode of the same survey and Cor. No. 3 are monumented with pine posts, firmly set and properly mkd. Line 1-2 from Cor. No. 1 to Cor. No. 4 of the Bertrand lode, identical with Cor. No. 1 of the White Tail lode, all of the same survey, is shown as approved. From Cor. No. 4 of the Bertrand lode to Cor. No. 2, line 1-2 was found to be N. 52° 55'43" E., 599.46 ft. instead of N. 52° 53' E., 600.0 ft. as approved. Line 2-3 was found to be S. 51° 13'47" E., 619.24 ft. instead of S. 51° 10' E., 618.0 ft. as approved. Line 3-4 is shown as approved.

M.S. No. 2709 White Tail lode: Cor. No. 1, identical with Cor. No. 4, M.S. 2709 Bertrand lode, is monumented with a pine post, firmly set and properly mkd. Cor. No. 4 described above. Cors. Nos. 3 and 2 are rock monuments, the centers of which I accept as the true points. Line 1-2 was found to be

FEET

N. 29°39'12" W., 1,500.29 ft. instead of N. 29°08' W., 1,500.0 ft. as approved. Line 2-3 was found to be N. 52°49'53" E., 600.78 ft. instead of N. 52°53' E., 600.0 ft. as approved. Line 3-4 was found to be S. 29°36'30" E., 1,501.47 ft. instead of S. 29°08' E., 1,500.0 ft. as approved. Line 4-1 described above.

M.S. No. 2907 Raton lode: No evidence of Cors. Nos. 2 and 3, the former identical with Cor. No. 1 of the Raton No. 2 lode and the latter identical with Cor. No. 2 of the Mikado lode, all of the same survey, could be found. The point for Cor. No. 2 was calculated from the record tie from Cor. No. 1, M.S. No. 3945 Graham No. 1 lode, identical with Cor. No. 4 of the ELS-BETH No. 1 lode of this survey. Lines 1-2, 2-3 and 3-4 are shown as approved.

M.S. No. 2907 Raton No. 2 lode: Cor. No. 1 described above. Cor. No. 2 has been lost. Lines 1-2, 2-3 and 4-1 are shown as approved.

M.S. No. 2907 War Eagle lode: Cors. Nos. 1 and 2 have been lost. Lines 1-2 and 4-1 are shown as approved.

M.S. No. 3058 Main lode: Cor. No. 2 is a post, 4 x 4 ins. in size, 4 ft. above ground, firmly set, scribed M 2 3058. The point for Cor. No. 3 was taken as the center of the remnant of a rock monument. Line 1-2 is shown as approved. Line 2-3 was found to be N. 39°07'40" W., 611.52 ft. instead of N. 38°50' W., 610.48 ft. as approved. Line 3-4, that part common with line 4-1, M.S. No. 3945 Nevada lode, was found to be N. 61°51'46" E., 818.56 ft. instead of N. 61°56' E., 816.32 ft. as approved.

M.S. No. 3058 Olivette lode: Cor. No. 2 is monumented with a pine post, firmly set and properly mkd. The point for Cor. No. 3, identical with Cor. No. 2, M.S. No. 3945 Euclaire lode, was calculated at its proper distance on the proportioned end line, line 3-4, M.S. No. 3945 Nevada lode. Line 1-2 is shown as approved. Line 2-3 was found to be N. 38°24'06" W., 604.90 ft. instead of N. 38°21' W., 604.90 ft. as approved. Line 3-4 is shown as approved.

M.S. No. 3945 Graham No. 1 lode: Cor. Nos. 1 and 2 described above. Line 1-2 described above. Lines 2-3 and 4-1 are shown as approved.

M.S. No. 3945 Euclaire lode: Cor. Nos. 1 and 2 described above. Line 1-2 was found to be S. 39°15'55" E., 585.96 ft. instead of S. 38°43' E., 600.0 ft. as approved. Lines 2-3 and 4-1 are shown as approved.

M.S. No. 3945 Nevada lode: Cor. Nos. 1 and 3 have been lost. Cor. No. 2 is a wood post, 4" x 4" x 4' above ground, firmly set, mkd. 2 N 3945. Cor. No. 4 is a stone, 8 x 8 ins., 10 ins. above ground, mkd. X 4 N 3945. Based on the position of the found corners, the lines were calculated as

FEET

follows: line 1-2 was found to be N. 38°24'06" W., 609.14 ft. instead of N. 38°21' W., 609.8 ft. as approved. Line 2-3 was found to be N. 61°51'46" E., 1,501.04 ft. instead of N. 61°56' E., 1,500 ft. as approved. Line 3-4 was found to be S. 38°24'06" E., 609.14 ft. instead of S. 38°21' E., 609.8 ft. as approved. Line 4-1 was found to be S. 61°51'46" W., 1,501.04 ft. instead of S. 61°56' W., 1,500 ft. as approved.

M.S. No. 4419 After Thought lode: Cor. Nos. 1, 2, 3 and 4 have been lost. The points for these corners were calculated from record ties given to Cor. No. 2, M.S. No. 2709 White Tail lode. All lines are shown as approved.

M.S. No. 4244 Native Copper No. 6 lode: Cor. No. 3, identical with Cor. No. 3 of the Native Copper No. 15 lode of the same survey, Cor. No. 4, M.S. No. 4255A Native Copper No. 5 lode, Cor. No. 2, M.S. No. 4255A Native Copper No. 16 lode, and Cor. No. 2 of the ELS-BETH No. 5 lode of this survey, described above. Lines 2-3 and 3-4 shown as approved.

M.S. No. 4244 Native Copper No. 15 lode: Cor. No. 1, identical with Cor. No. 2 of the Native Copper No. 14 lode, is a stone, 9 x 11 ins. in size, 12 ins. above ground, firmly set and properly mkd. Cor. No. 2, identical with Cor. No. 3, M.S. No. 4255A Native Copper No. 16 lode, and Cor. No. 3 of the ELS-BETH No. 5 lode of this survey, described above. Cor. No. 3, identical with Cor. No. 3 of the Native Copper No. 6 lode of the same survey, Cor. No. 4, M.S. No. 4255A Native Copper No. 5 lode, Cor. No. 2, M.S. No. 4255A Native Copper No. 16 lode, and Cor. No. 2 of the ELS-BETH No. 5 lode of this survey, described above. Line 1-2 was found to be N. 50°15'15" W., 281.61 ft. and N. 50°03' W., 327.74 ft. instead of N. 51°12' W., 279.30 ft. and 323.45 ft., respectively. Line 2-3 described above. Line 3-4 shown as approved.

M.S. No. 4255A Native Copper No. 3 lode: Cor. Nos. 1, 2, 3 and 4 identical with Cor. Nos. 1, 2, 3 and 4, respectively, of ELS-BETH No. 3 lode of this survey described above. All evidence of original corners lost. New monuments with new posts, 4 x 4 ins., 4 ft. above ground, were accepted as the true points.

M.S. No. 4255A Native Copper No. 5 lode: Cor. No. 1, identical with Cor. No. 1 of the Native Copper No. 16 lode of the same survey, I found the remnant of an old monument on a granite rock outcrop, 7 x 8 ft. in size, flush with the surface of the ground, on which was marked an X, which I accept as the true point. The tie from this point to the cor. of secs. 2, 3, 10 and 11 was found to be N. 20°23'12" W., 335.95 ft. dist. instead of N. 19°41' W., 324.5 ft. dist. as approved. Cor. No. 4, identical with Cor.

FEET

No. 3, M.S. No. 4244 Native Copper No. 6 lode, Cor. No. 3 of the Native Copper No. 15 lode of the same survey, Cor. No. 2, M.S. No. 4255A Native Copper No. 16 lode, and Cor. No. 2 of the ELS-BETH No. 5 lode of this survey, described above. Lines 1-2, 3-4 and 4-1, the latter common with line 1-2, M.S. No. 4255A Native Copper No. 16 lode, and line 1-2 ELS-BETH No. 5 lode of this survey, are shown as approved.

M.S. No. 4255A Native Copper No. 16 lode: Cor. No. 1, identical with Cor. No. 1 of the Native Copper No. 5 lode of the same survey, described above. Cors. Nos. 2 and 3, identical with Cors. Nos. 2 and 3 of the ELS-BETH No. 5 lode of this survey, described above. Cor. No. 4 has been lost. Lines 1-2 and 3-4 were established at the record bearings and distances. Lines 2-3 and 4-1 are thus S. 44° 14'20" W., 1,208.52 ft. and N. 44° 14'20" E., 1,208.52 ft., respectively.

The NW. and NE. cors. of secs. 2 and 3, respectively, T. 4 S., R. 29 E., G&SRM, is an iron post, 2 ins. diam., firmly set, with a brass cap, properly mkd. A diligent search for the 1/4 sec. cor. of secs. 2 and 3 was made, but it could not be found. The line bet. secs. 2 and 3 was found to be N. 0° 01'22" W., 5,555.03 ft. instead of North 5,555.88 ft. as approved. The line bet. secs. 2 and 11 is shown as approved.

MEMORANDUM

None

FIELD ASSISTANTS

Name	Capacity
Gary L. Shew	Assistant Instrumentman
Louis Machamer	Chainman-Axeman

	FEET		

Form 3400-8
(August 1967)
(formerly 4-686)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

22

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Harvey W. Smith	Aug. 1, 1977

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 December 7, 1976, I have carefully executed the survey of the claim of The Phelps Dodge Corporation, known as the *(lode, placer, or mill site)* ELS-BETH Nos. 1-5 lodes, situated in Greenlee County, Secs. 2,3,10 and 11, Township 4 S., Range 29 E, Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4791, 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)* ELS-BETH Nos. 1-5 lodes location(s) embraced in the said mining claim by claimant(s) or 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
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Office: Arizona State Office
Location: Phoenix, Arizona
Date: March 14, 1979

The foregoing field notes of mineral survey number 4791, in Secs. 2, 3, 10 and 11, [X] surveyed [ ] unsurveyed Township 4 S., Range 29 E., Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated December 7, 19 76, 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 837-838