

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 3895 Amended

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Phelps Dodge Corp., c/o Boyle, Bilby, Thompson & Shoenhair, Attorneys

Ninth Floor Valley Building Tucson 1, Arizona

Known As The

Mansion House #1 Lode

Ajo

Mining District,

Pima

County, Arizona

Section 22, Township 12 S., Range 6 W.

Surveyed under order dated March 20th, 19 62

by Robert Lenon
Mineral Surveyor.

Claim located May 20th, 19 62

Survey commenced May 4th, 1962

Survey completed October 2nd, 1962

Address of claimant Ninth Floor, Valley Building, Tucson 1, Arizona

DATES OF AMENDED LOCATIONS

Feet
Chains

This survey was made with a Bausch and Lomb Precise Transit No. 9259, with horizontal limb 5-1/2 ins. diam., having two single opposite verniers, and full vertical circle 4-1/4 ins. diam., having two double opposite verniers, all verniers reading to one minute of arc. The eyepiece is equipped with a colored glass set in the dust shutter, for making direct observation on 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 double horizontal angles referred to the meridian determined by the following observations:

May 4, 1962, at Cor. No. 1 of the Mansion House lode, in latitude 32°22' N., and longitude 112°52' W., I make a series of four altitude observations upon the sun for azimuth at approximately equal time-intervals, two each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angles from a point lying on the N'y prolongation of line 4-1, approximately 2000 ft. Northerly, SW'y, to the sun.

	(1st set)	(2nd set)
Mean time of observation,		
105th meridian standard time:	4 ^h 46 ^m 30 ^s P.M.	4 ^h 48 ^m 30 ^s P.M.
Declination of sun at mean		
time of observation:	16° 03' N.	
Mean observed vertical angles		
to sun's center:	29° 46'	29° 22 1/2'
Mean horizontal angles from ref-		
erence point to sun's center:	272° 39' 30"	272° 55'
True bearing to reference point:	N. 1° 49' W.	

The lines were measured with a Lufkin steel tape, 500 feet in length, graduated every foot, with the end feet graduated to tenths and hundredths; and a Chicago steel tape, 300 feet in length, graduated every foot, with the end feet graduated to tenths; both tapes were compared with a Lufkin standard at the time of beginning 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°00' E.

MANSION HOUSE #1 LODE

Beginning at Cor. No. 1 of the Mansion House #1 lode, identical with Cor. No. 2 of the Silver Wing lode, identical with Cor. No. 3 of the Regent lode, both of Sur. No. 3665, and identical with Cor. No. 2 of the Cactus Park lode of Sur. No. 3034.

Set an iron pipe, 1-1/2 ins. diam., 24 ins. long, 23 ins. in the ground, with brass cap mkd. MHL-3895-SW-2-R-3-3665-CP-2-3034; from which the position for the 1/4 Sec. Cor. common to Secs. 22 and 27 of T. 12 S., R. 6 W., G. & S. R. M., bears S. 35°10' E., 217.8 ft. dist.

A sewer manhole bears N. 32°27' W., 62.0 ft. dist.

A sewer manhole bears S. 39°55' W., 52.8 ft. dist.

Thence S. 88°15' W.

150 Road, 30 ft. wide, course North-South.

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Feet Chains	
300.0	Lode line; discovery point bears N. $1^{\circ}49'$ W., 178 ft. dist.
305	Road, 30 ft. wide, course North-South.
530	Gulch, 6 ft. wide, course S. 35° E.
600.0	Cor. No. 2, identical with Cor. No. 3 of the Cactus Park lode, identical with Cor. No. 2 of the Buena Vista lode, both of Sur. No. 3034, identical with Cor. No. 4 of the Mansion House #2 lode. Set an iron pipe, 6 ins. diam., 5 ft. long, 3 ft. in the ground, with brass cap mkd. MHL-2-3895-CP-3-BV-2-3034-MH2-4-3895. Thence N. $1^{\circ}49'$ W.
27	Gulch, 6 ft. wide, course S. 70° E.
285	Road, 30 ft. wide, bears East-West.
410	Leave flat land, ascend.
600.0	Cor. No. 3 of the Mansion House #2 lode of Sur. No. 3895. Found an iron pipe, 1 in. diam., 18 ins. above the ground, surrounded by a mound of stone, with brass cap mkd. 3-MH No. 2-3895.
1498.9	Position for Cor. No. 3; this Cor. falls on a rocky cliff where a permanent monument cannot be established, from which A point, 2 ft. upon a granite cliff bears S. $89^{\circ}56'$ W., 36.60 ft. dist., mkd. X-BO-3895. Thence N. $88^{\circ}15'$ E.
300.0	Lode line; discovery point bears S. $1^{\circ}49'$ E., 1320.9 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3 of the Silver Wing lode of Sur. No. 3665. Found an iron pipe filled with concrete, $3\frac{1}{2}$ ins. diam., 30 ins. above the ground, mkd. MHL-4-3895-SW-3-3665; from which Cor. No. 2, Sur. No. 3457, Rustler No. 1 lode, bears N. $6^{\circ}58'$ W., 34.94 ft. dist., an iron pipe, 1 in. diam., 18 ins. above the ground, surrounded by a mound of stone, with brass cap mkd. R1-2-3457. A granite boulder, 10x10x10 ft. in size, bears N. $67^{\circ}14'$ W., 67.2 ft. dist., mkd. X-BR-3665 at a point 5 ft. above the ground. Thence S. $1^{\circ}49'$ E.
855	Descend to here, enter flat land.
1099	Enter Church building astride line, 10 ft. SE. of N'most corner of same and 30 ft. from E'most corner. Building is of concrete block, 30x40 ft. in size, long sides bear N. 25° W. and S. 25° E.
1132	Leave Church building at a point 13 ft. SW. of E'most corner.

Feet Chains	1210 1498.90	Road, 30 ft. wide, course East-West. Cor. No. 1, and place of beginning.	
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AREAS	Acres
Total area, Mansion House #1 lode-----	20.646

LOCATION

This survey is located in the SW. 1/4 Sec. 22, T. 12 S., R. 6 W., G. & S. R. M.

The survey of the Mansion House #1 lode is identical with the respective location as marked on the ground.

EXPENDITURES

The improvements and the values 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 are as follows:

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|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | 12 ft. | | |
| No. 1 | | The discovery shaft, 4x6 ft./deep, of the Mansion House #1 lode, the center of which being the discovery point, is on the lode line 178 ft. from line 1-2.
Value, \$120. | |
| No. 2 | | A shaft, 4x6 ft., 20 ft. deep, the center of which bears N. 34°30' E., 330 ft. from Cor. No. 2, Mansion House #1 lode.
Value, \$200. | |
| No. 3 | | A shaft, 4x6 ft., 10 ft. deep, the center of which bears N. 28°15' E., 635 ft. from Cor. No. 2, Mansion House #1 lode.
Value, \$100. | |
| No. 4 | | A shaft, 4x6 ft., 8 ft. deep, the center of which bears N. 3°30' W., 410 ft. from Cor. No. 1, Mansion House #1 lode.
Value, \$80. | |
| No. 5 | | A shaft, 4x6 ft., 8 ft. deep, the center of which bears N. 85°30' E., 300 ft. from Cor. No. 2, Mansion House #1 lode.
Value, \$80. | |
| No. 6 | | A shaft, 4x6 ft., 4 ft. deep, the center of which bears N. 37° W., 350 ft. from Cor. No. 1 of the Mansion House #1 lode.
Value, \$40. | |
| No. 7 | | A shaft, 4x6 ft., 10 ft. deep, the center of which bears N. 9°30' E., 130 ft. from Cor. No. 2 of the Mansion House #1 lode.
Value, \$100. | |
| No. 8 | | A cut, 6 ft. wide, the face of which bears S. 80°00' W., 230 ft. from Cor. No. 4, Mansion House #1 lode; runs S. 70° W., 15 ft. to 6 ft. face.
Value, \$100. | |
| No. 9 | | A shaft, 5x6 ft., 4 ft. deep, the center of which bears N. 9°30' E., 280 ft. from Cor. No. 3, Mansion House #2 lode.
Value, \$50. | |

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<p>CHASER No. 10</p>	<p>A churndrill hole, 16-ins.-diam., 565 ft. deep, the center of which bears N. 55° W., 149 ft. from Cor. No. 1 of the Mansion House #1 lode. Value, \$1500.</p>
<p>No. 11</p>	<p>A churndrill hole, 16 ins. diam., 61 ft. deep, the center of which bears N. 5°24' W., 615 ft. from Cor. No. 1 of the Mansion House #1 lode. Value, \$300.</p>

FIELD ASSISTANTS

Robert Lenon.....Instrumentman
 Joe D. Alvarez.....Chainman


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

October 2nd, 1962

I, Robert Lenon
 Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Bureau
of Land Management, at Phoenix, Arizona
 dated March 20th, 1962, I have faithfully and correctly executed the survey of
 the mining claim of Phelps Dodge Corp.
 known as the Mansion House #1 Lode
(Lode, placer, or mill site)
 situate in Pima County, Arizona
 T. 12 S., R. 6 W., G. & S. R. Meridian, Arizona, and
(State)
 designated as Survey No. Amd. 3895, 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.

Patagonia, Arizona
(Place)




Robert Lenon
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management, State Office
(Office)
Phoenix, Arizona November 8, 1962
(Place) (Date)

The foregoing field notes of mineral survey No. 3895 Amd., in Ajo Mining District,
Sec. 22, T. 12 S., R. 6 W., G. & S. R. Meridian,
Arizona, executed by Robert Lenon, Mineral Surveyor,
(State)
 under order dated March 20, 1962, 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.



Raymond C. Cleghorn
 Acting State Director
(Title)

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 field notes.

(Title)