

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4749

State  
Arizona  
Land District

FIELD NOTES

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

American Smelting and Refining Company  
P. O. Box 5747  
Tucson, Arizona 85703

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
MAY NO. 8	5/8/52	1/23/53

Mining district Silver Bell			County Pima	
Section 4	Township 12 South	Range 8 East	Meridian Gila & Salt River	Survey under order dated June 7, 1973
Survey commenced 9/20/73		Survey completed 11/30/73	Name of Mineral Surveyor Robert Lenon	

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE

REPORT

TO : DIRECTOR, FBI  
FROM : SAC, [illegible]  
SUBJECT: [illegible]

[illegible text]

FEET

This survey was made with a Lietz Precise transit No. 65718, with horizontal limb 5-1/2 ins. diam., having two double opposite verniers reading to 20 seconds of arc, and full vertical circle 4-1/2 ins. diam., having one double vernier reading to 1 minute of arc; the eyepiece has a removable colored glass for making direct observations upon 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 referred to the meridian of the American Smelting and Refining Company's Silverbell triangulation system, set out on a local plane grid, and which I checked by solar observations made on Sept. 20, 1973, as described in my field notes in M.S. No. 4744, and found to be correct. Cor. No. 1 lies in latitude 32°25' N., and longitude 111°32' W.

The lines were measured with a Hewlett-Packard distance-meter, and a Chicago steel tape 300 feet in length, graduated every foot, with the end feet graduated to tenths; which was compared with a Lufkin standard at the time of beginning 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°00' E.

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Mineral Survey No. 4749

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MAY NO. 8 LODE

At Cor. No. 1 of the MAY NO. 8 lode, identical with the corner of the location.

Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, with stone mound surrounding, with aluminum cap mkd. X-M8-1-4749; from which

The 1/4 sec. cor. of Secs. 3 and 4, T. 12 S., R. 8 E., G. & S.R.M., bears S. 56°40'20" E., 3090.08 ft. dist., monumented with an iron post, 1 in. diam., 12 ins. above ground, firmly set with brass cap properly mkd., stone mound alongside.

Cor. Nos. 24A and 25A, M.S. No. 1208A Bay State and Mount Hope lodes, respectively, bears N. 57°06'20" W., 518.16 ft. dist.

Cor. No. 4, M.S. No. 2432 Hilda lode, bears N. 22°33'20" E., 453.22 ft. dist., identical with Cor. No. 25A, M.S. No. 1208A Bay State lode.

FEET	
	<p>Cor. No. 1, M.S. No. 2432 Hilda lode, bears S. 70°48'30" E., 420.69 ft. dist.</p> <p>Cor. No. 2, M.S. No. 4330 JUNE No. 19 lode, bears S. 54°40'30" W., 594.44 ft. dist.</p> <p>Thence S. 85°15'30" W.</p>
632.05	Intersect line 2-3, M.S. No. 4330 JUNE No. 19 lode, at a point from which Cor. No. 2 bears S. 26°26' E., 325.50 ft. dist.
1215.90	Intersect line 2-3, M.S. No. 2432 Hilda lode, at a point from which Cor. No. 3 bears N. 21°52' W., 214.52 ft. dist.
1277.78	Intersect line 4-1, M.S. No. 4330 JUNE No. 19 lode, common with line 2-3, M.S. No. 4330 JUNE No. 18 lode, at a point from which Cor. No. 1 and Cor. No. 2, respectively, bears S. 26°26' E., 564.17 ft. dist.
1485.00	<p>Cor. No. 2.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-M8-2-4749; from which</p> <p>A corner of the location bears S. 85°15'30" W., 15.00 ft. dist.</p> <p>Cor. No. 3, M.S. No. 2432 Hilda lode, bears N. 40°23'10" E., 290.58 ft. dist.</p> <p>Cor. No. 28A, M.S. No. 1208A Mount Hope lode bears N. 55°40'30" E., 536.59 ft. dist.</p> <p>Thence N. 4°44'30" W.</p>
285.00	Lode line; discovery point bears N. 85°15'30" E., 750 ft. dist.
483.23	Intersect line 29A-33A, M.S. No. 1208A Western Slope lode, at a point from which Cor. No. 29A bears N. 80°38' E., 371.58 ft. dist.
520.94	Intersect line 4-1, M.S. No. 4330 JUNE No. 19 lode, common with line 2-3, M.S. No. 4330 JUNE No. 18 lode, at a point from which Cor. No. 4 and Cor. No. 3, respectively, bears N. 26°26' W., 375.18 ft. dist.
585.00	<p>Cor. No. 3.</p> <p>Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-M8-3-4749; from which</p> <p>A corner of the location bears N. 49°44'30" W., 21.21 ft. dist.</p> <p>Cor. No. 29A, M.S. No. 1208A Western Slope lode, bears S. 83°46'10" E., 377.27 ft. dist.</p> <p>Thence N. 85°15'30" E.</p>

FEET	
	M.S. No. 1208A Western Slope lode, exclusive of its conflict with M.S. No. 4330 JUNE No. 19 lode - - - - - 0.006
	M.S. No. 2432 Hilda lode - - - - - 8.368
	M.S. No. 2432 Hilda lode; exclusive of its conflict with M.S. No. 1208A Bay State lode - - - - - 8.342
	M.S. No. 2432 Hilda lode, exclusive of its conflict with M.S. No. 1208A Mount Hope lode - - - - - 8.365
	M.S. No. 2432 Hilda lode, exclusive of its conflict with M.S. No. 4330 JUNE No. 19 lode - - - - - 5.200
	M.S. No. 4330 JUNE No. 19 lode - - - - - 8.653
	M.S. No. 4330 JUNE No. 19 lode, exclusive of its conflict with M.S. No. 2432 Hilda lode - - - - - 5.485
	M.S. No. 4330 JUNE No. 19 lode, exclusive of its conflict with M.S. No. 1208A Mount Hope lode - - - - - 6.675
	M.S. No. 4330 JUNE No. 19 lode, exclusive of its conflict with M.S. No. 1208A Western Slope lode - - - 7.945
	M.S. No. 4330 JUNE No. 18 lode - - - - - 1.239
	M.S. No. 4330 JUNE No. 18 lode, exclusive of its conflict with M.S. No. 1208A Western Slope lode - - - 1.233
	<b>LOCATION</b>
	This survey is located in Sec. 4, T. 12 S., R. 8 E., G. & S.R.M., and lies wholly within the location as marked on the ground. Cor. No. 1 is identical with the cor. of the location; Cor. Nos. 2, 3 and 4 differ to the extent previously shown.
	<b>EXPENDITURES</b>
	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 lies on the lode line 750 ft. from a point on line 2-3, 285 ft. from Cor. No. 2. No value.
No. 2	The volume excavated from the El Tiro Pit over the entire area of this claim to an average depth of 200 ft. below the original surface exceeds 6,000,000 cu. yd., and that portion thereof lying above the ground heretofore unpatented is hereby assigned an arbitrary value, as no portion of, or interest in, same has been credited heretofore as patent expenditure to any lode claim. Value, \$5,000.

FEET	
342.53	Intersect line 29A-30A, M.S. No. 1208A Western Slope lode, common with line 27A-28A, M.S. No. 1208A Mount Hope lode, at a point from which Cor. No. 29A, M.S. No. 1208A Western Slope lode, bears S. 25°56' E., 77.01 ft. dist.
620.25	Intersect line 2-3, M.S. No. 4330 JUNE No. 19 lode, at a point from which Cor. No. 3 bears N. 26°26' W., 544.91 ft. dist.
961.70	Intersect line 25A-26A, M.S. No. 1208A Mount Hope lode, common with line 21A-24A, M.S. No. 1208A Bay State lode, at a point from which Cor. Nos. 24A and 25A, respectively, bear S. 27°33'20" E., 291.38 ft. dist.
1485.00	Cor. No. 4.  Set an iron pin, 5/8 in. diam., 24 ins. long, 18 ins. in the ground, stone mound alongside, with aluminum cap mkd. X-M8-4-4749; from which  A corner of the location bears N. 4°44'30" W. 15.00 ft. dist.  Cor. No. 23A, M.S. No. 1208A Bay State lode, identical with Cor. No. 4, M.S. No. 2432 Hilda lode, bears S. 53°29'40" E., 276.43 ft. dist.  Thence S. 4°44'30" E.
209.89	Intersect line 3-4, M.S. No. 2432 Hilda lode, at a point from which Cor. No. 4, identical with Cor. No. 23A, M.S. No. 1208A Bay State lode, bears N. 77°41' E., 209.68 ft. dist.
211.28	Intersect line 23A-24A, M.S. No. 1208A Bay State lode, at a point from which Cor. No. 23A, identical with Cor. No. 4, M.S. No. 2432 Hilda lode, bears N. 77°18'30" E., 208.58 ft. dist.
300.00	Lode line; discovery point bears S. 85°15'30" W., 735.00 ft. dist.
585.00	Cor. No. 1, and place of beginning.

Mineral Survey No. 4749

AREAS

	Acres
Total area, MAY NO. 8 lode - - - - -	19.943
Area in conflict with--	
M.S. No. 1208A Bay State lode - - - - -	2.615
M.S. No. 1208A Bay State lode, exclusive of its conflict with M.S. No. 2432 Hilda lode - - - - -	2.589
M.S. No. 1208A Mount Hope lode - - - - -	4.216
M.S. No. 1208A Mount Hope lode, exclusive of its conflict with M.S. No. 4330 JUNE No. 19 lode - - - - -	2.238
M.S. No. 1208A Mount Hope lode, exclusive of its conflict with M.S. No. 2432 Hilda lode - - - - -	4.212
M.S. No. 1208A Western Slope lode - - - - -	0.715

(This form bound on left side)

FEET

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

All of this claim lies well within the limits of the El Tiro Open Pit, and at a depth of at least 150 ft. below the original surface. Because of extensive mining activities, none of the following listed corners were found:

M.S. No. 1208A: Western Slope lode; Mount Hope lode; Bay State lode.

M.S. No. 2432: Hilda lode.

M.S. No. 4330: JUNE No. 18 lode; JUNE No. 19 lode.

Record values for bearing and distance of all lines of these surveys were used.

The 1/4 sec. cor. of Secs. 3 and 4, heretofore described, was found, and my re-location of its position checked the plane values assigned it in the American Smelting and Refining Company's records, in relation to their co-ordinate system.

Company records also have co-ordinate values for all of the aforesaid obliterated corners. Cor. Nos. 24A and 25A, M.S. No. 1208A Bay State and Mount Hope lodes, respectively, was re-set using same, and the several values of bearings and distances as approved in M.S. No. 4330 for M.S. No. 1208A, Bay State, Mount Hope, and Western Slope lodes, and for M.S. No. 2432, Hilda lode.

FIELD ASSISTANTS

Hoyd J. Patty - - - - - Head Chairman  
Robert Lenon III - - - - - - - - - -Chainman

	FEET	DESCRIPTION
		<p>           This section contains a detailed description of the geological strata. The text is oriented vertically and is difficult to read due to the scanning process. It appears to describe various layers of rock, possibly including sandstone, shale, and limestone, with specific measurements and observations.         </p>
		<p>           This section contains a list of references or citations, including names of authors and titles of works. The text is oriented vertically.         </p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

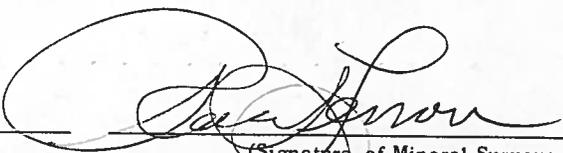
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor <b>Robert Lenon</b>	Date <b>Nov. 30, 1973</b>
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I HEREBY CERTIFY That in pursuance of an order received from the **Bureau of Land Management**, at **Phoenix, Arizona**, dated **June 7,** 19 **73**, I have carefully executed the survey of the claim of **American Smelting and Refining Company** known as the (lode, placer, or mill site) **MAY NO. 8** situated in **Sec. 4**, Township **12 S.**, Range **8 E., G. & S.R.** Meridian, in the State of **Arizona**.

This survey, designated as number **4749**, 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.

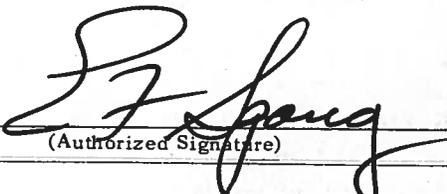
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) **lode** location  embraced in the said mining claim by claimant(s) or **their** grantors are fully stated in my report. The character, extent, location, and itemized value are specified in 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.

<b>Patagonia, Arizona</b> (Location)	 (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

Office <b>Arizona State Office</b>
Location <b>Phoenix, Arizona</b>
Date <b>September 26, 1974</b>

The foregoing field notes of mineral survey number **4749**, in Section 4, Range **8 E.**, Gila and Salt River Meridian, in the State of **Arizona**,  surveyed  unsurveyed Township **12 S.**, executed by **Robert Lenon**, Mineral Surveyor, under order dated **June 7**, 19 **73**, 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.

 (Authorized Signature)	<b>ASSOCIATE State Director</b> (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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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.

Nov. 30, 1973

Robert Lenon

Bureau of Land  
Phoenix, Arizona

Management

American Smelting and Refining Company

MAY No. 3

12 2

Arizona

Sec. 4  
S. T. O. S. R.

#749

lobe

chery

Peterson, Arizona

ASSOCIATE

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE

9605 (942)  
M.S. 4749

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The May No. 8 lode, Mineral Survey No. 4749 located in section 4, Township 12 South, Range 8 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

This lode was relinquished by ASARCO Incorporated in a memo dated March 23, 1992.

This cancellation was necessitated to facilitate a proposed land exchange with ASARCO Incorporated and to clear the record.

The Mineral Survey Plat should be noted as follows:

"May No. 8 lode, M.S. 4749 was canceled March 23, 1992, by memo 9605 (942) M.S. 4749, which is now a part of the original field notes."

March 23, 1992  
Date



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Chief Cadastral Surveyor of Arizona

1945  
1946

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASH. D.C.

DECLARATION OF INTEREST

I, the undersigned, do hereby declare that I am not a party to any interest in the land described in the foregoing, and that I am not a party to any interest in the land described in the foregoing, and that I am not a party to any interest in the land described in the foregoing.

Witness my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

My commission expires \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Special Agent in Charge

Accepted for filing this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

*[Handwritten Signature]*  
\_\_\_\_\_  
Special Agent in Charge