

Form 3860-10
(February 1987)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4888

State

Arizona

Land District

Arizona

FIELD NOTES

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

Recovery Resources Corporation and Carlota Copper Company
8101 E. Prentice Ave. Suite 800
Englewood, CO 80111

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

NONE

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
Old Abe (Carlota Copper Co.)	9-1-39	11-17-39	11-13-78	AMC 27992
Amended (Recovery Resources Corp.)	5-23-93	5-25-93	5-27-93 4-23-79	39934

LOCATION OF CLAIM(S)

Mining district			County	
Globe			Gila	
Section	Township	Range	Meridian	Survey under order dated
36	1 North	13 East	Gila & Salt River	July 7, 1993
Survey commenced		Survey completed	Name of Mineral Surveyor	
July 27, 1993		Sept. 29, 1993	Gordon W. McLain	

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FEET

This survey was made with a Kern DKM-2AE directional theodolite, serial number 327596, with a horizontal circle of 80mm. diam. and a vertical circle of 74mm. diam., both circles are read through an optical micrometer which reads both circles directly to 1 arc second. 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 direction angles, measured to the right, and are referred to the meridian determined by the following observations:

On September 5, 1993, at Corner No. 1 of the Old Abe lode, in latitude $33^{\circ}23'04''$ N., and longitude $110^{\circ}59'05''$ W., barometric pressure, 26.3 ins/Hg, and temperature 85° F., we made a series of six altitude observations on the sun for azimuth, at approximately equal time intervals, three each, with the telescope in direct and reverse positions, observing the center of the sun, and reading the horizontal angle to the right from Cor. No. 2, Old Abe lode, clockwise towards the sun.

Mean time of observation,
105th meridian standard
time = $9^{\text{h}}45^{\text{m}}05^{\text{s}}$ a.m.

Declination of sun at mean
time of observation = $6^{\circ}37'50''$

Mean observed vertical angle
to sun's center = $44^{\circ}29'54''$

Mean horizontal angle from
Cor. No. 2 clockwise to
sun's center = $173^{\circ}10'22''$

True bearing to Cor.
No. 2 = $N.56^{\circ}12'27''$ W.

The lines were measured with a Kern DM-503 electronic distance meter, Serial No. 325565 and with a Lufkin 100 ft. steel tape, graduated every foot for 99 ft. and the remainder in tenths and hundredths of a foot; The tape and electronic distance meter were compared with the Tucson Calibration Base Line at the beginning of the survey.

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All lines and connections of this survey were run by direct methods where the lines are accessible; the inaccessible lines were run by traverse methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 14° E.

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At Cor. No.1 of the Old Abe lode, identical with Cor. No.4, M.S. No.2667 Pine Tree lode.

On line 1-2, M.S. No.2676 Hobo lode.

An iron pipe, 3 ins. diam., 16 ins. above a 14x14 ins. concrete base, we stamp the iron pipe, 1-OA-4888, 4-PT-2667; from which

The Stan. cor. of Tps. 1 N., Rs.13 and 14 E., Gila and Salt River Meridian, bears $S.40^{\circ}24'14''$ E., 2692.57 ft. dist.; monumented with a stone, 6x8 ins., 12 ins. above the ground, firmly set and properly mkd.

Cor. No.3, M.S. No.2525 Lucky Charlie lode, bears $N.81^{\circ}10'45''$ W., 382.52 dist.; identical with Cor. No.3, M.S. No.3887 Mayflower lode.

Thence $N.56^{\circ}12'27''$ W.

125. Center of dirt road, 10 ft. wide, bears $N.25^{\circ}$ W. and $S.25^{\circ}$ E.
240. Center of dirt road, 10 ft. wide, bears $N.25^{\circ}$ W. and $S.25^{\circ}$ E.
518. Center of dirt road, 10 ft. wide, bears $N.10^{\circ}$ E. and $S.5^{\circ}$ W.
584. Right bank of Pinto Creek, 40 ft. wide course $N.10^{\circ}$ E.
697. Wash, 4 ft. wide, course $S.75^{\circ}$ E.

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FEET	
710.	Center of dirt road, 30 ft. wide, bears N.5°E. and S.5°W.
894.92	Cor. No.2, identical with Cor. No.2, M.S. No.2676 Hobo lode.
	On line 3-4, M.S. No.4885 Old Abe No.1 lode and line 4-1, M.S. No.3838 Rio Pinto No.4 lode.
	An iron pipe, 3 ins. diam., 15 ins. above a 14x14 ins. concrete base, we stamp the iron pipe 2-OA-4888, 2-H-2676; from which
	Cor. No.4, M.S. No.4885 Old Abe No.1 lode, bears S.33°45'15"W., 296.20 ft. dist; identical with Cor. No.1, M.S. No.3838 Rio Pinto No.4 lode.
	Thence S.33°47'38"W.
115.	Center of a drill pad, 15 ft. wide, bears N.87°W. and S.87°E.
134.56	Intersect line 2-3, M.S. No.4887 Thomas Jefferson lode, at a point from which Cor. No.2 bears S.60°58'46"E., 194.97 ft. dist.
240.	Wash, 5 ft. wide, course N.85°E.
296.20	Intersect line 4-1, M.S. No.4885 Old Abe No.1 lode, identical with line 1-4, M.S. No.3838 Rio Pinto lode, at a point from which Cor. No.4, M.S. No.4885 Old Abe No.1 lode, bears S.56°12'57"E., 0.21 ft. dist.; identical with Cor. No.1, M.S. No.3838 Rio Pinto No.4 lode.
300.00	Lode line; discovery point bears S.56°12'27"E., 200.0 ft. dist.
385.	Center of drill pad, 20 ft. wide, bears N.56°W. and S.56°E.
412.	Center of drill pad, 15 ft. wide, bears N.42°W. and S.42°E.
463.	Center of dirt road, 10 ft. wide, bears N.2°E. and S.2°W.
518.	Toe of mine dump, bears N.35°W. and S.35°E.
588.	Toe of mine dump, bears N.75°E. and S.75°W.

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FEET	
600.00	<p>Cor. No.3.</p> <p>Set an aluminum post, 30 ins. long, 3/4 in. diam., 20 ins. in the ground, and in a mound of stone, 3 ft. base, to the top, with an aluminum cap mkd. 3-OA-4888; from which</p> <p>Cor. No.3, M.S. No.4887 Blue Jay Fraction lode, bears S.60°02'41"E., 566.78 ft. dist.</p> <p>Cor. No.2, M.S. No.4887 Thomas Jefferson lode, bears N.55°45'45"E., 519.37 ft. dist.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence S.56°12'27"E.</p>
29.	Wash, 5 ft. wide, course N.65°E.
171.48	<p>Intersect line 2-3, M.S. No.2525 Lucky Charlie lode, identical with line 2-3, M.S. No.3837 Mayflower lode, at a point from which Cor. No.3, M.S. No.2525 Lucky Charlie lode, bears N.74°27'23"E., 578.10 ft. dist.; identical with Cor. No.3, M.S. No.3837 Mayflower lode.</p>
184.21	<p>Intersect line 1-2, M.S. No.4887 Thomas Jefferson lode, at a point from which Cor. No.2 bears N.34°59'38"E., 481.76 ft. dist.</p>
199.	<p>Center of drill pad, 30 ft. wide, bears N.10°W. and S.26°E.</p>
211.	Wash, 5 ft. wide, course N.10°W.
264.	<p>Center of abandoned dirt road, 10 ft. wide, bears N.5°W. and S.5°E.</p>
464.	<p>Center of dirt road, 15 ft. wide, bears N.85°E. and N.82°W.</p>
494.	<p>Center of drill pad, 15 ft. wide, bears N.85°E. and S.85°W.</p>
565.51	<p>Intersect line 2-3, M.S. No.4887 Blue Jay Fraction lode at a point from which Cor. No.3 bears N.33°47'38"E., 37.93 ft. dist.</p>
778.	Wash, 5 ft. wide course N.30°E.

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FEET	
861.71	Intersect line 4-1, M.S. No.2525 Lucky Charlie lode, identical with line 4-1, M.S. No.3837 Mayflower lode and line 2-3, M.S. No.3837 Blue Jay lode, at a point from which Cor. No.3, M.S. No.3837 Blue Jay lode bears N.77°06'49"E., 48.41 ft. dist.; identical with Cor. No.4, M.S. No.4887 Blue Jay Fraction lode.
894.92	<p>Cor. No.4.</p> <p>On line 4-1, M.S. No.4887 Blue Jay Fraction lode and line 3-4, M.S. No.2667 Pine Tree lode.</p> <p>Set an aluminum post, 30 ins. long, 3/4 in. diam., 20 ins. in the ground, and in a mound of stone, 3 ft. base, to the top, with an aluminum cap mkd. 4-0A-4888.</p> <p>Cor. No.3, M.S. No.2525 Lucky Charlie lode bears N.4°32'31"W., 559.04 ft. dist., identical with Cor. No.3, M.S. No.3837 Mayflower lode.</p> <p>Cor. No.4, M.S. No.2525 Charlie No.2 lode, bears S.88°46'19"W., 119.57 ft. dist.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N.33°47'38"E.</p>
35.22	Intersect Cor. No.3, M.S. No.3837 Blue Jay lode and Cor. No.4, M.S. No.4887 Blue Jay Fraction lode, established on line 3-4, M.S. No.2667 Pine Tree lode, line 4-1, M.S. No.2525 Lucky Charlie lode identical with line 4-1, M.S. No.3837 Mayflower lode at a point from which Cor. No.4, M.S. No.2525 Lucky Charlie lode bears N.77°06'49"E., 262.03 ft. dist.; identical with Cor. No.4, M.S. No.3837 Mayflower lode.
90.	Center of dirt road, 15 ft. wide, bears N.60°W. and S.60°E.
218.	Center of dirt road, 20 ft. wide, bears N.53°W. and S.58°E.
257.	Left bank of Pinto Creek, 60 ft. wide, course N.48°W.
298.46	Intersect line 3-4, M.S. No.2525 Lucky Charlie lode identical with line 3-4, M.S. No.3837 Mayflower lode at a point from which Cor. No.3, M.S. No.2525 Lucky Charlie lode bears N.34°12'50"W., 373.97 ft. dist.; identical with Cor. No.3, M.S. No.3837 Mayflower lode.

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300.00	Lode line; discovery point bears N.56°12'27"W., 694.92 ft. dist.
356.	Center of dirt road, 15 ft. wide bears N.50°W. and S.65°E.
389.	Overhead electrical line, bears N.73°W. and S.73°E.
396.	Center of dirt road, 10 ft. wide, bears N.73°W. and S.73°E.
478.	Center of dirt road, 10 ft. wide, bears N.64°W. and S.41°E.
549.	Center of dirt road, 10 ft. wide, bears N.58°W. and S.58°E.
600.00	Cor. No.1, and place of beginning.

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AREAS

	Acres
Total area, Old Abe.....	12.327
Area in conflict with ———	
M.S. No.2525 Lucky Charlie lode, identical with M.S. No.3837 Mayflower lode.....	4.816
M.S. No.3837 Blue Jay lode.....	0.013
M.S. No.4885 Old Abe No.1 lode, identical with M.S. No.3838 Rio Pinto No.4 lode.....	0.001
M.S. No.4887 Thomas Jefferson lode.....	2.057
M.S. No.4887 Thomas Jefferson lode, exclusive of its conflict with:	
(1) M.S. No.2525 Lucky Charlie lode, identical with M.S. No.3837 Mayflower lode.....	2.054
(2) M.S. No.4885 Old Abe No.1 lode, identical with M.S. No.3838 Rio Pinto No.4 lode....	2.056
(3) M.S. No.2525 Lucky Charlie, identical with M.S. No.3837 Mayflower lode, and M.S. No.4885 Old Abe No.1 lode, identical with M.S. No.3838 Rio Pinto No.4 lode....	2.053
M.S. No.4887 Blue Jay Fraction lode.....	0.276
M.S. No.4887 Blue Jay Fraction lode, exclusive of its conflict with:	
(1) M.S. No.2525 Lucky Charlie lode, identical with M.S. NO.3837 Mayflower lode.....	0.013
(2) M.S. No.3837 Blue Jay lode.....	0.263

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FEET	LOCATION
	<p>This survey is located in the SW 1/4 and the SE 1/4 sec.36, unsur. of T.1 N., R.13 E., Gila and Salt River Meridian, Gila County, Arizona.</p> <p>The survey of the Old Abe lode claim, as described herein, is identical with the respective location or amended location as marked on the ground.</p>
	<p>EXPENDITURES</p>
	<p>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:</p>
No.1	<p>The discovery point of the Old Abe lode is on the lode line 200.0 ft. from a point on line 2-3, 300.0 ft. from Cor. No.2. Value, none.</p>
No.2	<p>A drill hole, 6 ins. diam., 544 ft. in depth, the collar of which bears S.38°17'W., 248.1 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.D-24). Value, \$3264.</p>
No.3	<p>A drill hole, 6 ins. diam., 660 ft. in depth, the collar of which bears S.68°20'W., 257.4 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9025). Value, \$3960.</p>
No.4	<p>A drill hole, 6 ins. diam., 720 ft. in depth, the collar of which bears N.84°20'W., 145.6 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9134). Value, \$4320.</p>
No.5	<p>A drill hole, 6 ins. diam., 775 ft. in depth, the collar of which bears N.81°37'W., 652.3 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9016). Value, \$4650.</p>
No.6	<p>A drill hole, 6 ins. diam., 650 ft. in depth, the collar of which bears N.78°13'W., 387.9 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.D-21). Value, \$3900.</p>

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No.7	A drill hole, 6 ins. diam., 360 ft. in depth, the collar of which bears N.68°42'W., 627.9 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9001). Value, \$2160.
No.8	A drill hole, 6 ins. diam., 722 ft. in depth, the collar of which bears N.68°07'W., 653.9 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.DH-11). Value, \$4332.
No.9	A drill hole, 6 ins. diam., 857 ft. in depth, the collar of which bears N.59°48'W., 840.1 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.D-11S). Value, \$5142.
No.10	A drill hole, 6 ins. diam., 680 ft. in depth, the collar of which bears S.88°23'W., 477.9 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9021). Value, \$4080.
No.11	A drill hole, 6 ins. diam., 500 ft. in depth, the collar of which bears S.67°45'W., 549.1 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9024). Value, \$3000.
No.12	A drill hole, 6 ins. diam., 380 ft. in depth, the collar of which bears S.66°35'W., 696.6 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9142). Value, \$2280.
No.13	A drill hole, 6 ins. diam., 620 ft. in depth, the collar of which bears S.52°04'W., 383.2 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9022). Value, \$3720.
OTHER IMPROVEMENTS	
<p>An incline core hole, 3 1/2 ins. diam., which dips 45° in a S.30°W. direction, having a slope dist. of 495 ft., the collar of which bears S.46°04'W., 396.6 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9224C).</p> <p>Claimant, Recovery Resources Corp.</p>	
<p>A drill hole, 6 ins. diam., 555 ft. in depth, the collar of which bears S.87°02'W., 926.3 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9130).</p> <p>Claimant, Recovery Resources Corp.</p>	

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	<p>A drill hole, 6 ins. diam., 715 ft. in depth, the collar of which bears N.87°14'W., 869.6 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.DH-15). Claimant, Recovery Resources Corp.</p>
	<p>A drill hole, 6 ins. diam., 765 ft. in depth, the collar of which bears N.81°40'W., 970.9 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.DH-14). Claimant, Recovery Resources Corp.</p>
	<p>A drill hole, 6 ins. diam., 820 ft. in depth, the collar of which bears N.78°16'W., 847.5 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.CR9019). Claimant, Recovery Resources Corp.</p>
	<p>A drill hole, 6 ins. diam., 817.4 ft. in depth, the collar of which bears N.69°32'W., 817.4 ft. dist. from Cor. No.1 Old Abe lode. (Claimant No.DH-13). Claimant, Recovery Resources Corp.</p>
	<p>Overhead electrical lines, as described herein. Claimant, Magma Copper Co.</p>
	<p>An abandoned water tank having a rock venier, 10 ft. diam., 6 ft. high, the center of which bears N.75°14'W., 662.0 ft. from Cor. No.1 Old Abe lode. Claimant, unknown.</p>
	<p>A drift, size of opening and length unknown, the entrance is caved, which bears S.63°24'W., 646.6 ft. from Cor. No.1 Old Abe lode. The direction of the drift is approximately S.10°W., this appears to be a drift reported during the survey of M.S. No.2525 Lucky Charlie lode. Claimant, unknown.</p>
	<p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p>
	<p>M.S. No. 2525 Lucky Charlie lode, identical with M.S. No. 3837 Mayflower lode: Cor. No. 1 is monumented with a 1/2 in. diam., iron bar, firmly set and unmarked; Cor. No. 2 is monumented with a 20 ins. diam., cedar tree, properly mkd.; Cor. No. 3 has been destroyed, however it is referenced with a 24 ins. diam., blazed oak bearing tree, the original marks have been destroyed by recent cutting; Cor. No. 4 is monumented with a 1/2 in. diam., iron bar, firmly set</p>

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and unmarked; Cor. No. 3 was re-established from the bearing tree as approved; therefore, line 2-3 was found to be N.74°27'23" E., 1302.31 ft., instead of N.74°21' E., 1303 ft., as approved; line 3-4 was found to be S.34°12'50" E., 567.85 ft. instead of S.34°15' E., 568.4 ft., as approved; line 4-1 was found to be S.77°06'49" W., 1324.61 ft., instead of S.77°03' W., 1324.8 ft., as approved. From Cor. No. 4 of M.S. No. 3837 Mayflower lode, identical with Cor. No.4, M.S. No.2525 Lucky Charlie lode, Cor. No. 4, M.S. No. 2667 Pine Tree lode bears N.8°07'48" E., 415.09 ft., instead of N.8°06'30" E., 414.8 ft., as approved.

M.S. No.2525 Charlie No.2 lode: Cor. No.4 is monumented with the remains of a weathered pine post, loosely set in a mound of stones, markings illegible.

M.S. No. 2667 Pine Tree lode: Cor. No.3 is monumented with 3/4 in. diam., aluminum post, with aluminum cap firmly set and properly mkd.; Cor. No. 4 is monumented with a 3 ins. diam., iron pipe 18 ins. above a 14x14 ins. concrete base, firmly set and unmarked; line 3-4 was found to be N.33°47'38" E., 1502.29 ft., instead of N.33°48' E., 1500 ft., as approved. From Cor. No. 4 the bearing rock was found to be S.37°33'09"W., 10.90 ft., instead of S.39°24'W., 10.3 ft. as approved.

M.S. No. 2676 Hobo lode: Cor. No.1 is lost; Cor. No.2 is monumented with a 3 ins. diam. iron pipe, 15 ins. above a 14x14 ins. concrete base, firmly set and unmarked; Cor. No.4, M.S. No.2667 Pine Tree lode was approved on line 1-2, M.S. No.2676 Hobo lode; the bearing rock for Cor. No.2, M.S. No.2676 Hobo lode could not be found.

M.S. No.3837 Blue Jay lode: Cor. No.2 is identical with Cor. No.1, M.S. No.2525 Lucky Charlie lode described above; Cor. No.3 is identical with Cor. No.4, M.S. No.4887 Blue Jay Fraction lode described below; Cor. No.4 is monumented with a stone firmly set and properly mkd.; Line 2-3 was found to be N.77°06'49"E., 1062.81 ft., instead of N.77°09'E., 1062.0 ft. as approved; line 3-4 was found to be S.34°13'11"E., 644.19 ft., instead of S.34°11'E., 644 ft. as approved.

M.S. No.4885 Old Abe No.1 lode, identical with M.S. No.3838 Rio Pinto No.4 lode: Cors. Nos. 1,3 and 4 are monumented with 3/4 in. diam., aluminum post, with the aluminum cap firmly set and properly mkd.; Lines 3-4 and 4-1 were found to be as approved.

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M.S. No.4887 Thomas Jefferson lode: Cors. Nos.1 and 3 are monumented with 3 ins. diam., iron pipes firmly set in concrete and properly mkd.; Cor. No.2 is monumented with 3/4 in. diam. aluminum post, with the aluminum cap firmly set and properly mkd.; Lines 1-2 and 2-3 were found to be as approved.

M.S. No.4887 Blue Jay Fraction lode: Cor. No.1 is identical with Cor. No.3, M.S. No.2667 Pine Tree lode described above; Cors. Nos.2 and 3 are monumented with 3/4 in. diam. aluminum post, with aluminum cap firmly set and properly mkd.; Cor. No.4 is monumented with 3 ins. diam., iron pipe firmly set in concrete and properly mkd.; Lines 1-2, 3-4 and 4-1 were found to be as approved.

MEMORANDUM

None

FIELD ASSISTANTS

Gordon McLain	Instrumentman
Steve Axen	Rodman
C.L. Smith	Rodman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

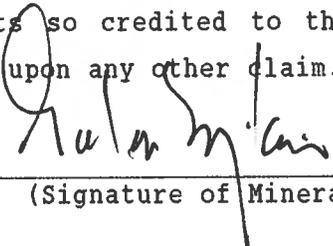
Name of Mineral Surveyor <u>Gordon W. McLain</u>	Date <u>August 31, 1994</u>
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I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated July 7, 1993, I have carefully executed the survey of the claim of Recovery Resources Corporation and Carlota Copper Company, known as the Old Abe lode, situated in unsurveyed Township 1 North, Range 13 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4888, 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 Old Abe lode location embraced in the said mining claim by claimants 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.

Tucson, Arizona
(Location)


(Signature of Mineral Surveyor)

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.

CERTIFICATE OF APPROVAL

Arizona State Office
Phoenix, Arizona
September 13, 1994

The foregoing field notes of mineral survey number 4888, in unsurveyed Township 1 North, Range 13 East, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon W. McLain, Mineral Surveyor, under order dated July 7, 1993, 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.

James P. Kelley

(Authorized Signature)

Chief Cadastral Surveyor of Arizona

(Title)

~~CERTIFICATE OF TRANSCRIPT~~

~~I HEREBY CERTIFY That the foregoing transcript of field notes of the above-described mineral survey number 4888 is a true copy of the original field notes.~~

~~Chief Cadastral Surveyor of Arizona~~

~~(Authorized Signature)~~

~~(Title)~~