

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey Number  
**4897**

State  
**Arizona**

Land District

**FIELD NOTES**

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

Continental Lime Inc.  
3950 South 700 East, Suite 301  
Salt Lake City, Utah 84107

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

A.B. LODES

NAME OF CLAIM(S)

| NAME OF LOCATION | DATE                      |                            |                         | BLM<br>MINING<br>CLAIM<br>SERIAL<br>NUMBER |
|------------------|---------------------------|----------------------------|-------------------------|--|
|                  | LOCATED<br>AND<br>AMENDED | RECORDED<br>WITH<br>COUNTY | RECORDED<br>WITH<br>BLM |  |
| AB #29           | 12/27/93                  | 03/02/94                   | 03/21/94                | AMC 329819                                 |
| AB #30           | 12/27/93                  | 03/03/94                   | 03/21/94                | AMC 329820                                 |
| AB #32           | 12/27/93                  | 03/03/94                   | 03/21/94                | AMC 329822                                 |

LOCATION OF CLAIM(S)

|  |                            |  |   |  |
|--|----------------------------|--|---|--|
| Mining district<br><b>Dripping Springs</b>   |                            |  | County<br><b>Gila</b>                                 |  |
| Sections<br><b>5</b>                         | Township<br><b>3 South</b> | Range<br><b>15 East</b>                      | Meridian<br><b>G&amp;SRM</b>                          | Survey under order dated<br><b>December 11, 1995</b> |
| Survey commenced<br><b>February 18, 1997</b> |                            | Survey completed<br><b>February 22, 1997</b> | Name of Mineral Surveyor<br><b>William F. Mueller</b> |  |

## Mineral Survey No. 4897

FEET

This survey was conducted with a Topcon Electronic Total Station Model GTS-4A, Serial No. FK0052, which utilizes electronic horizontal and vertical circles that display measured horizontal and zenith angles directly in degrees, minutes, and seconds. All lines of this survey were measured with this instrument which uses an infra-red light beam to measure the slope dist. from the instrument toward a reflector to horizontal dist. within the instrument by an electronic computing device and displays the horizontal dist. directly to the nearest thousandth of a foot. The instrument was tested on a base line of known length before and after the survey was completed and found to be in good adjustment during the time that this survey was executed.

Bearings referred to in this record were determined by the average of two horizontal angle measurements, one with the telescope in the direct position, and one with the telescope in the reversed position. These angles were referred to the meridian by the following observations:

February 22, 1997, at Cor. No. 3 of the AB #29 lode, at latitude  $33^{\circ}11'52''$  N., and longitude  $110^{\circ}50'14''$  W., elevation approximately 3920 feet above sea level, and temperature  $75^{\circ}$  F., make a series of eight observations on the sun for azimuth at approximately equal time intervals, four each with the telescope in the direct position and reversed position observing the horizontal angle right from Cor. No. 3 of the AB #30 lode, and the zenith angle to the center of the sun, using a solar reticle and solar filter.

|  |                             |
|--|-----------------------------|
| Mean time of observation<br>(105th meridian (M.S.T.))  | = 3:43:48.5 PM              |
| Declination of the sun at<br>mean time of observation  | = S. $9^{\circ}54'25.6''$   |
| Mean observed zenith angle to<br>sun's center  | = $61^{\circ}54'28.4''$     |
| Mean observed horizontal angle<br>right from Cor. No. 3 of<br>the AB #30 lode to the<br>sun's center | = $234^{\circ}35'49.0''$    |
| True bearing to Cor. No. 3 of<br>AB #30 lode   | = N. $00^{\circ}11'02''$ W. |

All lines and connections of this survey were run by direct methods except as noted.

The magnetic declination observed at each cor. gave a uniform value of  $14^{\circ}$  E.

## Mineral Survey No. 4897

## AB #29 LODE

At Cor. No. 1 of the AB #29 lode, identical with Cor. No. 1 of the AB #30 lode and Cor. No. 1 of the AB #32 lode, both of this survey.

Set a  $3\frac{1}{2}$  ins. diam. aluminum cap, flush on a rock outcrop, mkd. AB29-1-AB30-1-AB32-1-MS4897-1997; from which

The cor. of secs. 5 and 6, T. 3 S., R. 15 E., and secs. 31 and 32, T. 2 S., R. 15 E., G&SRM, bears N.  $27^{\circ}37'13''$  W., 2593.96 ft. dist., hereinafter described.

## Mineral Survey No. 4897

| FEET    |  |
|---------|--|
|         | The cor. of secs. 5, 6, 7, and 8, T. 3 S., R. 15 E., G&SRM, bears S. 22°07'24" W., 3241.87 ft. dist., hereinafter described.   |
|         | No local bearing objects or bearing trees available.   |
|         | Thence N. 86°33'58" E.   |
| 197.    | Ridge, bears N. 17° W. and S. 17° E.   |
| 300.00  | Lode line; discovery point bears S. 0°11'02" E., 10.00 ft. dist.   |
| 555.    | Dry wash, 6 ft. wide, course S. 42° E.   |
| 600.00  | Cor. No. 2, identical with Cor. No. 2 of the AB #30 lode of this survey.   |
|         | Set an iron post, 24 ins. long, 2 ins. diam., 18 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. AB29-2-AB30-2-MS4897-1997.   |
|         | No local bearing objects or bearing trees available.   |
|         | Thence S. 0°11'02" E.  |
| 50.     | Dry wash, 6 ft. wide, course S. 42° E.   |
| 742.    | Dry wash, 8 ft. wide, course S. 65° E.   |
| 1490.   | Ridge, bears N. 30° W. and S. 30° E.   |
| 1500.00 | Cor. No. 3.  |
|         | Set an iron post, 24 ins. long, 2 ins. diam., 22 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. AB29-3-MS4897-1997.  |
|         | No local bearing objects or bearing trees available.   |
|         | Thence S. 86°33'58" W.   |
| 32.     | Center of road, 8 ft. wide, bears N. 20° W. and S. 30° E.  |
| 300.00  | Lode line; discovery point bears N. 0°11'02" W., 1490.00 ft. dist.   |
| 349.    | Dry wash, 6 ft. wide, course S. 37° W.   |
| 599.    | Ridge, bears S. 42° W. and N. 42° E.   |
| 600.00  | Cor. No. 4.  |
|         | Set an iron post, 24 ins. long, 2 ins. diam., 12 ins. in the ground, in a mound of earth and stone, with a 2½ ft. diam. base, 1 ft. high, with a 3¼ ins. diam. aluminum cap mkd. AB29-4-MS4897-1997. |
|         | No local bearing objects or bearing trees available.   |
|         | Thence N. 0°11'02" W.  |
| 332.    | Dry wash, 5 ft. wide, course S. 69° W.   |
| 1500.00 | Cor. No. 1, and place of beginning.  |

## Mineral Survey No. 4897

| FEET    |   |
|---------|---|
|         | <b>AB #30 LODE</b>  |
|         | Beginning at Cor. No. 1 of the AB #30 lode, identical with Cor. No. 1 of the AB #29 lode and Cor. No. 1 of the AB #32 lode, both of this survey, hereinbefore described.    |
|         | Thence N. 86°33'58" E.  |
| 197.    | Ridge, bears N. 17° W. and S. 17° E.  |
| 300.00  | Lode line; discovery point bears N. 0°11'02" W., 10.00 ft. dist.  |
| 555.    | Dry wash, 6 ft. wide, course S. 42° E.  |
| 600.00  | Cor. No. 2, identical with Cor. No. 2 of the AB #29 lode of this survey, hereinbefore described.  |
|         | Thence N. 0°11'02" W.   |
| 283.    | Ridge, bears S. 49° E. and N. 49° W.  |
| 1500.00 | Cor. No. 3.   |
|         | Set a 3¼ ins. diam. aluminum cap, flush in rock outcrop, mkd. AB30-3-MS4897-1997  |
|         | No local bearing objects or bearing trees available.  |
|         | Thence S. 86°33'58" W.  |
| 239.    | Dry wash, 6 ft. wide, course S. 8° W.   |
| 300.00  | Lode line; discovery point bears S. 0°11'02" E., 1490.00 ft. dist.  |
| 600.00  | Cor. No. 4, identical with Cor. No. 4 of the AB #32 lode of this survey.  |
|         | Set an iron post, 24 ins. long, 2 ins. diam., 21 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. AB30-4-AB32-4-MS4897-1997.                                      |
|         | No local bearing objects or bearing trees available.  |
|         | Thence S. 0°11'02" E.   |
| 10.     | Ridge, bears N. 85° W. and S. 85° E.  |
| 1500.00 | Cor. No. 1, and place of beginning.   |
|         | <b>AB #32 LODE</b>  |
|         | Beginning at Cor. No. 1 of the AB #32 lode, identical with Cor. No. 1 of the AB #29 lode and Cor. No. 1 of the AB #30 lode, both of this survey and hereinbefore described. |
|         | Thence S. 76°13'58" W.  |
| 308.50  | Lode line; discovery point bears N. 0°11'02" W., 10.00 ft. dist.  |
| 358.    | Dry wash, 7 ft. wide, course S. 1° W.   |
| 617.00  | Cor. No 2.  |

## Mineral Survey No. 4897

| FEET  |   |
|---|---|
|   | Set a 3¼ ins. diam. aluminum cap, flush in a rock outcrop, mkd. AB32-2-MS4897-1997.   |
|   | No local bearing objects or bearing trees available.  |
|   | Thence N. 0°11'02" W.   |
| 86.   | Ridge, bears S. 55° W. and N. 55° E.  |
| 389.  | Dry wash, 6 ft. wide, course S. 54° W.  |
| 588.  | Ridge, bears S. 32° W. and N. 32° E.  |
| 1490.   | Ridge, bears S. 60° W. and S. 80° E.  |
| 1500.00   | Cor. No. 3.   |
|   | Set an iron post, 24 ins. long, 2 ins. diam., 19 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. AB32-3-MS4897-1997. |
|   | No local bearing objects or bearing trees available.  |
|   | Thence N. 76°13'58" E.  |
| 308.50  | Lode line; discovery point bears S. 0°11'02" E., 1490.00 ft. dist.  |
| 617.00  | Cor. No. 4, identical with Cor. No. 4 of the AB #30 lode of this survey, hereinbefore described.                                |
|   | Thence S. 0°11'02" E.   |
| 10.   | Ridge, bears N. 85° W. and S. 85° E.  |
| 1500.0  | Cor. No. 1, and place of beginning.   |
| <hr/> Mineral Survey No. 4897 <hr/>   |   |
| AREAS   |   |
|   | ACRES   |
| Total area, AB #29 lode .....   | 20.628  |
| Total area, AB #30 lode .....   | 20.628  |
| Total area, AB #32 lode .....   | 20.652  |
| <hr/> LOCATION <hr/>  |   |
| This survey is located in Lot 3, Lot 4, S½NW¼, and SW¼ of sec. 5, T. 3 S., R. 15 E., GS&RM, Gila County, Arizona. |   |
| The survey of the 3 lode claims of this survey is identical with the locations as marked on the ground.           |   |

## Mineral Survey No. 4897

| FEET  | EXPENDITURES  |
|-------|---|
|       | <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 grantor are as follows:</p>   |
| No. 1 | <p>The discovery point of the AB #29 lode, a post and Notice of Location, is on the lode line S. 0°11'02" E., 10.00 ft. dist. from the center of line 1-2.<br/>No value.</p>  |
| No. 1 | <p>The discovery point of the AB #30 lode, a post and Notice of Location, is on the lode line N. 0°11'02" W., 10.00 ft. dist. from the center of line 1-2.<br/>No value.</p>  |
| No. 1 | <p>The discovery point of the AB #32 lode, a post and Notice of Location, is on the lode line N. 0°11'02" W., 10.00 ft. dist. from the center of line 1-2.<br/>No value.</p>  |
|       | <hr/> <p>COMMON IMPROVEMENTS</p>  |
| No. 1 | <p>A drilling program with 9 holes, with a total depth of 2050.00 ft. and a total value of \$24,395.00.</p> <p>Drill Hole No. EC-94-A, bears S. 26°43' E., 996.5 ft. dist., from Cor. No. 1 of the AB #29 lode, vertical hole, 4.5 ins. diam., 185 ft. deep, reverse circulation.<br/>Value \$2,201.50.</p> <p>Drill Hole No. EC-94-B, bears S. 33°49' E., 461.6 ft. dist., from Cor. No. 1 of the AB #29 lode, vertical hole, 4.5 ins. diam., 255 ft. deep, reverse circulation.<br/>Value \$3,034.50.</p> <p>Drill Hole No. EC-94-C, bears N. 47°24' E., 183.4 ft. dist., from Cor. No. 1 of the AB #30 lode, vertical hole, 4.5 ins. diam., 300 ft. deep, reverse circulation.<br/>Value \$3,570.00.</p> <p>Drill Hole No. EC-94-E, bears N. 5°52' E., 579.6 ft. dist., from Cor. No. 1 of the AB #30 lode, vertical hole, 4.5 ins. diam., 265 ft. deep, reverse circulation.<br/>Value \$3,153.50.</p> <p>Drill Hole No. EC-94-F, bears N. 1°42' E., 1105.8 ft. dist., from Cor. No. 1 of the AB #30 lode, vertical hole, 4.5 ins. diam., 220 ft. deep, reverse circulation.<br/>Value \$2,618.00.</p> <p>Drill Hole No. EC-94-G, bears N. 3°13' E., 1416.0 ft. dist., from Cor. No. 1 of the AB #30 lode, vertical hole, 4.5 ins. diam., 180 ft. deep, reverse circulation.<br/>Value \$2,142.00.</p> <p>Drill Hole No. EC-94-H, bears N. 12°54' W., 1275.6 ft. dist., from Cor. No. 1 of the AB #32 lode, vertical hole, 4.5 ins. diam., 125 ft. deep, reverse circulation.<br/>Value \$1,487.50.</p> |

## Mineral Survey No. 4897

FEET

Drill Hole No. EC-94-I, bears N. 21°03' W., 958.1 ft. dist., from Cor. No. 1 of the AB #32 lode, vertical hole, 4.5 ins. diam., 235 ft. deep, reverse circulation.  
Value \$2,796.50.

Drill Hole No. EC-94-D, bears N. 40°28' W., 410.8 ft. dist., from Cor. No. 1 of the AB #32 lode, vertical hole, 4.5 ins. diam., 285 ft. deep, reverse circulation.  
Value \$3,391.50.

Total value of expenditures this survey: \$24,395.00.  
Number of mining claims included in this survey: 3. Allocation of proportionate share of expenditures to this survey:  
 $\$24,395.00 \div 3 = \$8,131.67$ .

The improvements are in progress for the development of the three lodes of this survey, which are all the contiguous lode claims owned in common within the range of benefit of said improvements.

These improvements afford the most practical and economical means of developing each of the lodes.

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-third interest in their value is hereby credited to each of the lodes.

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

---

OTHER CORNER DESCRIPTIONS  
AND SUPPLEMENTAL DATA

The cor. of secs. 5 and 6, T. 3 S., R. 15 E., G&SRM and secs. 31 and 32, T. 2 S., R. 15 E., G&SRM, was found to be monumented with an iron post and GLO brass cap firmly set and properly mkd.

The cor. of secs. 5, 6, 7, and 8, T. 3 S., R. 15 E., G&SRM, was found to be monumented with an iron post and GLO brass cap firmly set and properly mkd.

The line from the cor. of secs. 5 and 6, T. 3 S., R. 15 E., and secs. 31 and 32, T. 2 S., R. 15 E., G&SRM, to the cor. of secs. 5, 6, 7, and 8, T. 3 S., R. 15 E., G&SRM, was found to be S. 0°11'53" W., 5301.58 ft. dist., instead of S. 0°14' W., 5287.26 ft. dist., as approved.

---

FIELD ASSISTANTS

| Name           | Capacity      |
|----------------|---------------|
| Don Aschenbach | Rod/Chain Man |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor  
William F. Mueller

Date

SEPTEMBER 14, 1998

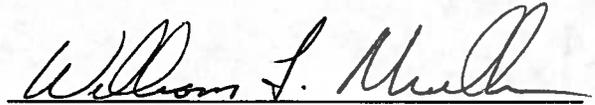
I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated December, 11, 1995, I have carefully executed the survey of the claim of Continental Lime Inc., known as the AB#29, AB#30 and AB#32 lodes, situated in surveyed section 5, Township 3 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4897, 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 AB#29, AB#30 and AB#32 lode locations 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.

Elko, Nevada

(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 21, 1998

The foregoing field notes of mineral survey number 4897, in surveyed section 5, Township 3 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona, executed by William F. Mueller, Mineral Surveyor, under order dated December 11, 1995, 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.

Kenny D. Lavin  
(Authorized Signature)

Chief Cadastral Survey of Arizona  
(Title)

~~CERTIFICATE OF TRANSCRIPT~~

~~I HEREBY CERTIFIED That the foregoing transcript of field notes of the above-described mineral survey number 4897 is a true copy of the original notes.~~

~~\_\_\_\_\_  
(Authorized Signature)~~

~~Chief Cadastral Survey of Arizona  
\_\_\_\_\_  
(Title)~~