

Form 4-683  
(January 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number	4614
State	Arizona
Land District	Arizona

FIELD NOTES

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

American Cement Corporation  
c/o Evans, Kitchel & Jenckes, Att'ys. at Law  
363 North First Avenue  
Phoenix, Arizona 85003

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

West Group of Andrew Placer Mining Claims

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Andrew No. 11 Placer	6/5/58	7/19/58
Andrew No. 12 Placer	6/5/58	
Andrew No. 13 Placer	6/6/58	
Andrew No. 14 Placer	6/6/58	
Andrew No. 15 Placer	6/5/58	7/21/58
Andrew No. 16 Placer	6/5/58	7/21/58
Andrew No. 17 Placer	6/6/58	

Mining district		County	
Silver Bell		Pima	
Section	Township	Range	Meridian
30 and 31	12 S.	9 E.	G. & S. R.
Survey under order dated			
12/29/63			
Survey commenced	Survey completed	Name of Mineral Surveyor	
12/29/63	9/5/64	Robert Lenon	

Arizona  
 Arizona  
 Arizona

Arizona  
 Arizona  
 Arizona

Arizona  
 Arizona  
 Arizona

DATE	DESCRIPTION	AMOUNT
7/21/58	Andrew No. 11	10.00
7/21/58	Andrew No. 12	10.00
7/21/58	Andrew No. 13	10.00
7/21/58	Andrew No. 14	10.00
7/21/58	Andrew No. 15	10.00
7/21/58	Andrew No. 16	10.00
7/21/58	Andrew No. 17	10.00

Robert L. ...  
 G. & S. R.  
 Silver Bell  
 30 and 31 12 8.  
 12/21/58

Survey No. 4614

1

FEET

This survey was made with a Bausch & 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 observations 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:

Dec. 29, 1963, at the  $\frac{1}{4}$  sec. cor. common to Sec. 31, T. 12 S., R. 9 E., and Sec. 6, T. 13 S., R. 9 E., G. & S. R. B. & M., in latitude 32°20' N., and longitude 111°28' W., I make a series of four altitude observations (in two sets of two each) 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 clockwise, from a point on the North-South center-line of Sec. 31 approximately 4000 feet N'ly., SE. to the sun.

True bearing to reference point: N. 0°02'40" 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 steel tape at the time of beginning the survey, and found correct.

All lines and connections 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 13°15' E.

Prior to this survey, the  $\frac{1}{4}$  cor. of Secs. 19 and 30 was reset and all of the other cors. of Sec. 30 found; as were all of the  $\frac{1}{4}$  cors. of Sec. 31. The center  $\frac{1}{4}$  cor. of both Secs. were set by intersection and the required 1/16th cors. lying within the SW<sup>4</sup> of Sec. 30 and the NW<sup>4</sup> of Sec. 31 were set by proportionate measurement and by intersection, as required, and the several values therefor are as shown on the plat.

ANDREW NO. 13 PLACER

At Cor. No. 1 of the Andrew No. 13 placer, identical with the cor. of Secs. 30 and 31, on the W. bdy. of T. 12 S., R. 9 E., G. & S. R. B. & M.

Found an iron pipe with a mound of stone alongside, 2 ins. diam., 12 ins. above the ground, firmly set and properly marked, to which I added 1-A13-4614 and SW-A9, from which

FEET	
	<p>The <math>\frac{1}{4}</math> cor. on the E. bdy. of Sec. 25, T. 12 S., R. 8 E.; the S. 1/16 cor. on the W. bdy. of Sec. 30, T. 12 S., R. 9 E.; and the <math>\frac{1}{4}</math> cor. on the W. bdy. of Sec. 30, T. 12 S., R. 9 E., all bear N. 0°04' E., 1133.17 ft., 1319.84 ft., and 2639.68 ft., respectively.</p> <p>The cor. of Secs. 29, 30, 31 and 32 and the <math>\frac{1}{4}</math> cor. of Secs. 30 and 31 bear N. 89°45'30" E., the latter at a distance of 2462.31 ft.</p> <p>The cor. of Secs. 25 and 36, T. 12 S., R. 8 E., bears S. 0°02'40" E., 1504.66 ft. dist.</p> <p>U. S. Location Monument No. 1390 bears N. 82°50' E., 415.43 ft. dist.</p> <p style="text-align: center;">Thence N. 89°45'30" E.</p>
461.12	<p>Intersect line 4-1, Majestic Copper lode, identical with line 3-4, Metallic Beauty lode, both of Sur. No. 1390, at a point from which the position for Cor. Nos. 4 of the above-mentioned two lodes bear S. 33°00' E., 320.96 ft. dist.</p>
567.82	<p>Cor. No. 2, identical with Cor. No. 1, Andrew No. 14 placer of this survey.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-2-A13-1-A14-4614; from which</p> <p style="text-align: center;">The position for Cor. Nos. 4, Survey No. 1390, Majestic Copper and Metallic Beauty lodes bears S. 14°10'30" E., 278.10 ft. dist.</p> <p style="text-align: center;">Thence S. 0°03'20" E.</p>
165.00	<p>Intersect line 4-1, Majestic Copper lode, identical with line 3-4, Metallic Beauty lode, both of Sur. No. 1390, at a point from which the position for Cor. Nos. 4 of the above-mentioned two lodes bears S. 33°00' E., 124.76 ft. dist.</p>
313.33	<p>Intersect line 3-4, Majestic Copper lode, identical with line 1-2, Silver Hill lode, both of Sur. No. 1390, at a point from which the position for Cor. No. 4 of the Majestic Copper lode, bears N. 57°12' E., 80.67 ft. dist.</p>
1030.21	<p>Intersect line 3-4, Sur. No. 1390, Silver Hill lode at a point from which Cor. No. 3 bears S. 57°01' W., 673.65 ft. dist. and Cor. No. 4 bears N. 57°01' E., 823.89 ft. dist.</p>
1221.65	<p>Road, 10 ft. wide, runs N. 70° E. and S. 70° W.</p>
1321.65	<p>Cor. No. 3, identical with Cor. No. 4, Andrew No. 14 placer, and falling on line 1-2, Andrew No. 17 placer, both of this survey.</p> <p>Set an iron pin, with mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-3-A13-4-A14-A17-4614.</p> <p style="text-align: center;">Thence S. 89°52' W.</p>
125.00	<p>Road, 10 ft. wide, runs N. 20° E. and S. 20° W.</p>

FEET	
450.90	Intersect line 3-4, Sur. No. 1390, Silver Hill lode, at a point from which Cor. No. 3 bears S. 57°01' W., 136.38 ft. dist.
528.06	Road, 10 ft. wide, runs N. 78° W. and S. 78° E.
568.06	Cor. No. 4, identical with Cor. No. 1, Andrew No. 17 placer of this survey, and with the N. 1/16th Cor. on the W. bdy. of Sec. 31.  Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-4-A13-1-A17-S25; from which  The Cor. of Secs. 25 and 36 of the E. bdy. of T. 12 S., R. 8 E., bears S. 0°02'40" E., 184.08 ft. dist.  Cor. No. 3, Silver Hill lode, identical with Cor. No. 4, Silver Hill West Extension lode, both of Sur. No. 1390, bears S. 2°05'30" E., 74.02 ft. dist.  The true position for Cor. No. 3, Majestic Copper lode, Sur. No. 1390, bears N. 10°22'20" E., 742.46 ft. dist.  Thence N. 0°02'40" W.
15.00	Road, 10 ft. wide, runs N. 78° W. and S. 78° E.
643.20	Intersect line 1-2, Sur. No. 1390, Silver Hill lode, at a point from which the true position for Cor. No. 3, Majestic Copper lode, Sur. No. 1390, bears N. 57°12' E., 159.98 ft. dist.
867.00	Gulch, 5 ft. wide, course S. 50° W.
937.29	Intersect line 2-3, Sur. No. 1390, Majestic Copper lode, at a point from which the true position for Cor. No. 3 bears S. 33°00' E., 246.77 ft. dist.
1320.58	Cor. No. 1, and place of beginning  <hr style="width: 50%; margin: auto;"/> <p style="text-align: center;">ANDREW NO. 14 PLACER</p> Beginning at Cor. No. 1, identical with Cor. No. 2 of the Andrew No. 13 placer, of this survey, previously described; from which  The W. 1/16 Cor. of Secs. 30 and 31 bears N. 89°45'30" E., 567.81 ft. dist.  Thence N. 89°45'30" E.
491.45	Intersect line 1-2, Faison lode, common with line 4-1, Metallic Beauty lode, both of Sur. No. 1390, at a point from which Cor. Nos. 1, Faison lode and Silver Hill lode, both of Sur. No. 1390, bears S. 57°17' W., 149.50 ft. dist., and Cor. No. 1, Metallic Beauty lode, bears N. 57°17' E., 97.54 ft. dist.
567.81	Cor. No. 2, identical with Cor. No. 1, Andrew No. 11 placer and Andrew No. 15 placer, both of this survey and with the SE. Cor. of the Andrew No. 10 placer, unsurveyed, identical with the W. 1/16 Cor. of Secs. 30 and 31.

FEET	
	<p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-1-A11-1-A15-2-A14-4614-SE-A10; from which</p> <p>Cor. Nos. 1 of the Faison lode and Silver Hill lode, both of Sur. No. 1390, bears S. 68°08' W., 217.81 ft. dist.</p> <p>Cor. No. 1, Metallic Beauty lode, Sur. No. 1390, bears N. 6°13' E., 52.71 ft. dist.</p> <p>Thence S. 0°04' E.</p>
393.26	Intersect lines 4-1 of the Silver Hill and Faison lodes, both of Sur. No. 1390, at a point from which Cor. Nos. 1 bear N. 32°59' W., 372.12 ft. dist.
664.25	Intersect line 3-4, Sur. No. 1390, Silver Hill lode, at a point from which Cor. No. 4 bears N. 57°01' E., 147.26 ft. dist.
1046.72	Road, 10 ft. wide, runs N. 55° W. and S. 77° E.
1322.72	Cor. No. 3, identical with Cor. No. 4, Andrew No. 15 placer, and with Cor. No. 2, Andrew No. 17 placer, both of this survey, and with the NW. Cor. of the Andrew No. 18 placer, unsurveyed.
	<p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-3-A14-4-A15-2-A17-4614-NW-A18.</p> <p>Thence S. 89°52' W.</p>
451.00	Gulch, 6 ft. wide, course S. 45° W.
568.06	Cor. No. 4, identical with Cor. No. 3, Andrew No. 13 placer and falling on line 1-2, Andrew No. 17 placer, both of this survey, previously described.
	Thence N. 0°03'20" W.
100.00	Road, 10 ft. wide, runs N. 70° E. and S. 70° W.
291.44	Intersect line 3-4, Sur. No. 1390, Silver Hill lode, at a point from which Cor. No. 4 bears N. 57°01' E., 823.89 ft. dist.
1008.32	Intersect line 1-2, Silver Hill lode, identical with line 3-4, Majestic Copper lode, both of Sur. No. 1390, at a point from which the position for Cor. Nos. 4 of the Majestic Copper lode and the Metallic Beauty lode, both of Sur. No. 1390, bears N. 57°12' E., 80.67 ft. dist.
1156.65	Intersect line 4-1, Majestic Copper lode, identical with line 3-4, Metallic Beauty lode, both of Sur. No. 1390, at a point from which the position for Cor. Nos. 4 of the above-mentioned lodes bears S. 33°00' E., 124.76 ft. dist.
1321.65	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">ANDREW NO. 15 PLACER</p> <p>Beginning at Cor. No. 1 of the Andrew No. 15 placer, identical with Cor. No. 2 of the Andrew No. 14 placer, and with Cor. No. 1 of the Andrew No. 11 placer, both of this survey, previously described; from which</p>

FEET	
	<p>The Cor. of Secs. 30 and 31, on the W. bdy. of T. 12 S., R. 9 E., bears S. 89°45'30" W., 1135.63 ft. dist.</p> <p>Cor. Nos. 1 of the Faison and Silver Hill lodes, both of Sur. No. 1390, bears S. 68°08' W., 217.81 ft. dist.</p> <p>Cor. No. 1, Metallic Beauty lode, Sur. No. 1390, bears N. 6°13' E., 52.71 ft. dist.</p> <p style="text-align: center;">Thence N. 89°45'30" E.</p>
663.34	<p>Cor. No. 2, identical with Cor. Nos. 4 of the Andrew No. 11 placer and the Andrew No. 16 placer, and with Cor. No. 2 of the Andrew No. 12 placer, all of this survey.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-2-A15-4-A11-2-A12-4-A16-4614; from which</p> <p style="text-align: center;">The <math>\frac{1}{4}</math> cor. of Secs. 30 and 31 bears N. 89°45'30" E., 663.34 ft. dist.</p> <p style="text-align: center;">Thence S. 0°03'20" E.</p>
235.96	<p>Intersect line 3-4, Faison lode, at a point from which Cor. No. 4, identical with Cor. No. 4 of the Silver Hill lode, both of Sur. No. 1390, bears S. 56°56'50" W., 643.42 ft. dist.</p>
275.00	<p>Gulch, 10 ft. wide, course S. 75° E.</p>
1183.98	<p>Road, 10 ft. wide, runs N. 75° W. and S. 75° E.</p>
1323.98	<p>Cor. No. 3, identical with Cor. No. 3, Andrew No. 16 placer of this survey and falling on the midpoint of the North line of the Andrew No. 18 placer (unsurveyed).</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-3-A15-3-A16-4614 A-18.</p> <p style="text-align: center;">Thence S. 89°52' W.</p>
663.09	<p>Cor. No. 4, identical with Cor. No. 2, Andrew No. 17 placer and Cor. No. 3, Andrew No. 14 placer, both of this survey, and with the NW. Cor. of the Andrew No. 18 placer (unsurveyed); previously described.</p> <p style="text-align: center;">Thence N. 0°04' W.</p>
276.00	<p>Road, 10 ft. wide, runs N. 55° W. and S. 77° E.</p>
658.47	<p>Intersect line 3-4 of the Silver Hill lode, Sur. No. 1390, at a point from which Cor. No. 4, identical with Cor. No. 4 of the Faison lode, Sur. No. 1390, bears N. 57°01' E., 147.26 ft. dist.</p>
929.46	<p>Intersect lines 4-1 of the Silver Hill and Faison lodes, both of Sur. No. 1390, at a point from which Cor. Nos. 4 bears S. 32°59' E., 227.49 ft. dist.</p>
1322.72	<p>Cor. No. 1, and place of beginning</p>

FEET	ANDREW NO. 16 PLACER
	<p>At Cor. No. 1 of the Andrew No. 16 placer, identical with the <math>\frac{1}{4}</math> cor. of Secs. 30 and 31, and with Cor. No. 1 of the Andrew No. 12 placer of this survey.</p> <p>An iron pipe surrounded by a mound of stone, 1 in. diam., 12 ins. above the ground, firmly set, with a brass cap mkd. 1/4 Sec. 30 and 31, to which I added 1-A16-1-A12-4614; from which</p> <p style="padding-left: 40px;">The center <math>\frac{1}{4}</math> cor. of Sec. 31 bears S. <math>0^{\circ}02'40''</math> E., 2650.48 ft. dist.</p> <p style="padding-left: 80px;">Thence S. <math>0^{\circ}02'40''</math> E.</p>
308.00	Gulch, 15 ft. wide, course S. $65^{\circ}$ E.
1325.24	<p>Cor. No. 2, identical with the NW Cor. of the Andrew No. 19 placer, unsurveyed, and with the NE. Cor. of the Andrew No. 18 placer, unsurveyed.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, <math>\frac{5}{8}</math> ins. diam., with aluminum cap mkd. X-2-A16-4614-NW-A19-NE-A18; from which</p> <p style="padding-left: 40px;">The center <math>\frac{1}{4}</math> cor. of Sec. 31 bears S. <math>0^{\circ}02'40''</math> E., 1325.24 ft. dist.</p> <p style="padding-left: 80px;">Thence S. <math>89^{\circ}52'</math> W.</p>
130.00	Road, 10 ft. wide, runs N. $66^{\circ}$ W. and S. $66^{\circ}$ E.
663.09	<p>Cor. No. 3, identical with Cor. No. 3 of the Andrew No. 15 placer of this survey and falling on the midpoint of the North line of the Andrew No. 18 placer, unsurveyed, previously described.</p> <p style="padding-left: 80px;">Thence N. <math>0^{\circ}03'20''</math> W.</p>
240.00	Road, 10 ft. wide, runs N. $75^{\circ}$ W. and S. $75^{\circ}$ E.
1048.98	Gulch, 10 ft. wide, course S. $75^{\circ}$ E.
1088.02	Intersect line 3-4 of the Faison lode, Sur. No. 1390, at a point from which Cor. No. 4 bears S. $56^{\circ}56'50''$ W., 643.42 ft. dist. and Cor. No. 3 bears N. $56^{\circ}56'50''$ E., 863.72 ft. dist.
1323.98	<p>Cor. No. 4, identical with Cor. Nos. 2 of the Andrew No. 12 placer and Andrew No. 15 placer, and with Cor. No. 4 of the Andrew No. 11 placer, all of this survey, previously described.</p> <p style="padding-left: 80px;">Thence N. <math>89^{\circ}45'30''</math> E.</p>
81.34	Gulch, 10 ft. wide, course S. $60^{\circ}$ E.
365.95	Intersect line 3-4 of the Faison lode, Sur. No. 1390, at a point from which Cor. No. 3 bears N. $56^{\circ}53'50''$ E., 427.65 ft. dist.
663.34	Cor. No. 1, and place of beginning



FEET	ANDREW NO. 17 PLACER
	<p>At Cor. No. 1 of the Andrew No. 17 placer, identical with Cor. No. 4, Andrew No. 13 placer, identical with the N. 1/16 Cor. on the W. bdy. of Sec. 31, previously described; from which</p> <p>The cor. of Secs. 25 and 36 on the E. bdy. of T. 12 S., R. 8 E., bears S. 0°02'40" E., 184.08 ft. dist.</p> <p>Cor. No. 3, Silver Hill lode, identical with Cor. No. 4, Silver Hill West Extension lode, both of Sur. No. 1390, bears S. 2°05'30" E., 74.02 ft. dist.</p> <p>Thence N. 89°52' E.</p>
40.00	Road, 10 ft. wide, runs N. 78° W. and S. 78° E.
117.16	Intersect line 3-4, Silver Hill lode, at a point from which Cor. No. 3, identical with Cor. No. 4 of the Silver Hill Extension lode, both of Sur. No. 1390, bears S. 57°01' W., 136.38 ft. dist.
443.06	Road, 10 ft. wide, runs N. 20° E. and S. 20° W.
568.06	Intersect Cor. No. 3 of the Andrew No. 13 placer and Cor. No. 4, Andrew No. 14 placer, both of this survey, previously described.
685.12	Gulch, 6 ft. wide, course S. 45° W.
1136.12	Cor. No. 2, identical with Cor. No. 3, Andrew No. 14 placer, with Cor. No. 4, Andrew No. 15 placer, both of this survey, and with the NW. cor. of the Andrew No. 18 placer, unsurveyed, previously described.
	Thence S. 0°04' E.
661.36	<p>Cor. No. 3, identical with the SW. cor. of the Andrew No. 18 placer, unsurveyed.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-3-A17-4614 &amp; SW-A18; from which</p> <p>The SE. cor. of the Andrew No. 18 placer, unsurveyed, bears N. 89°55'15" E., 1325.93 ft. dist.</p> <p>Thence S. 89°55'15" W.</p>
600.00	Enter turnaround at end of old road, bears SE.
635.00	Leave turnaround.
647.00	Gulch, 10 ft. wide, course S. 20° E.
1137.42	<p>Cor. No. 4, falling on the West line of Sec. 31.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-4-A17-4614; from which</p>

FEET	
	The West $\frac{1}{2}$ cor. of Sec. 31 bears S. $0^{\circ}04'50''$ W., 660.29 ft. dist.
	Thence N. $0^{\circ}04'50''$ E.
476.21	Cor. No. 5, identical with the sec. cor. of Secs. 25 and 36 on the E. bdy. of T. 12 S., R. 8 E.; from which
	Cor. No. 3, Silver Hill lode, identical with Cor. No. 4, Silver Hill West Extension lode, both of Sur. No. 1390, bears N. $1^{\circ}20'$ E., 110.14 ft. dist.
	Thence N. $0^{\circ}02'40''$ W.
99.20	Intersect line 3-4, Silver Hill West Extension lode, Sur. No. 1390, at a point from which Cor. No. 4, identical with Cor. No. 3 of the Silver Hill lode, Sur. No. 1390, bears N. $13^{\circ}35'$ E., 11.22 ft. dist.
114.18	Intersect line 4-1, Silver Hill West Extension lode, identical with line 2-3, Silver Hill lode, both of Sur. No. 1390, at a point from which Cor. Nos. 4 and 3 bears S. $33^{\circ}00'$ E., 4.86 ft. dist.
184.08	Cor. No. 1, and place of beginning
<b>ANDREW NO. 11 PLACER</b>	
	At Cor. No. 1 of the Andrew No. 11 placer, identical with Cor. No. 1 of the Andrew No. 15 placer and with Cor. No. 2 of the Andrew No. 14 placer, both of this survey, and with the SE. Cor. of the Andrew No. 10 placer, unsurveyed, previously described; from which
	The sec. cor. of Secs. 30 and 31 of the W. bdy. of T. 12 S., R. 9 E., bears S. $89^{\circ}45'30''$ W., 1135.63 ft. dist.
	Cor. No. 1 of the Metallic Beauty lode and on line 1-2 of the Faison lode, both of Sur. No. 1390, bears N. $6^{\circ}13'$ E., 52.71 ft. dist.
	Thence N. $0^{\circ}08'20''$ W.
48.66	Intersect line 1-2, Faison lode, identical at this point with line 4-1, Metallic Beauty lode, both of Sur. No. 1390, at a point from which Cor. No. 1 of said Metallic Beauty lode bears N. $57^{\circ}17'$ E., 6.92 ft. dist.
61.35	Intersect line 1-2, Metallic Beauty lode, Sur. No. 1390, at a point from which Cor. No. 1 bears S. $33^{\circ}12'$ E., 10.69 ft. dist.
1316.19	Cor. No. 2, identical with the NE. cor. of the Andrew No. 10 placer, and with the SW. cor. of the Andrew No. 2 placer, both unsurveyed, and with the cor. of Lots 8, 9 and 10, Sec. 30.
	Set an iron pin, with a mound of stone alongside, 30 ins. long, $\frac{5}{8}$ ins. diam., with aluminum cap mkd. X-2-A11-4614 & NE-A10-SE-L8-SW-A2; from which

FEET	
	<p>The S. 1/16th cor. on the West line of Sec. 30 bears S. 89°56'30" W., 1130.91 ft. dist.</p>
	<p>The cor. of Lots 5 and 8, Sec. 30, bears N. 0°08'20" W., 1316.19 ft. dist.</p>
	<p>Thence N. 89°56'30" E.</p>
195.00	Gulch, 5 ft. wide, course N. 10° E.
608.00	Gulch, 8 ft. wide, course N. 5° W.
662.51	<p>Cor. No. 3, identical with Cor. No. 3 of the Andrew No. 12 placer of this survey, with the SE. cor. of the Andrew No. 2 placer and with the SW. cor. of the Andrew No. 3 placer, both unsurveyed.</p>
	<p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-3-A11-3-A12-4614-SE-A2-SW-A3; from which</p>
	<p>The NE. cor. of the W<sup>2</sup>NE<sup>4</sup>SW<sup>4</sup> of Sec. 30 bears N. 0°10'30" W., 1314.07 ft. dist.</p>
	<p>Thence S. 0°10'30" E.</p>
830.29	<p>Intersect line 1-2, Faison lode, Sur. No. 1390, at a point from which Cor. No. 2 bears N. 56°30'30" E., 470.15 ft. dist., and Cor. No. 1, Metallic Beauty lode, Sur. No. 1390, bears S. 56°30'30" W., 786.80 ft. dist.</p>
1269.06	Gulch, 8 ft. wide, course S. 60° E.
1314.06	<p>Cor. No. 4, identical with Cor. Nos. 2 of the Andrew No. 12 placer and the Andrew No. 15 placer, and with Cor. No. 4 of the Andrew No. 16 placer, all of this survey, previously described.</p>
	<p>Thence S. 89°45'30" W.</p>
663.34	Cor. No. 1, and place of beginning
<hr/>	
<b>ANDREW NO. 12 PLACER</b>	
	<p>At Cor. No. 1 of the Andrew No. 12 placer, identical with the ¼ cor. of Secs. 30 and 31, and with Cor. No. 1, Andrew No. 16 placer, of this survey, previously described, from which</p>
	<p>The center ¼ cor. of Sec. 30 bears N. 0°12'40" W., 2623.88 ft. dist.</p>
	<p>Cor. No. 3, Faison lode, Sur. No. 1390, bears N. 14°40'40" E., 240.14 ft. dist.</p>
	<p>Thence S. 89°45'30" W.</p>
298.13	<p>Intersect line 3-4, Faison lode, Sur. No. 1390, at a point from which Cor. No. 3 bears N. 56°56'50" E., 428.27 ft. dist.</p>

FEET	
582.00	Gulch, 10 ft. wide, course S. 60° E.
663.34	Cor. No. 2, identical with Cor. Nos. 4, Andrew No. 16 placer and Andrew No. 11 placer, and with Cor. No. 2, Andrew No. 15 placer, all of this survey.  Thence N. 0°10'30" W.
45.00	Gulch, 8 ft. wide, course S. 60° E.
483.77	Intersect line 1-2, Faison lode, Sur. No. 1390, at a point from which Cor. No. 2 bears N. 56°30'30" E., 470.15 ft. dist.
1314.06	Cor. No. 3, identical with Cor. No. 3, Andrew No. 11 placer of this survey, and with the SE. cor. of the Andrew No. 2 placer and with the SW. cor. of the Andrew No. 3 placer, both unsurveyed, previously described.  Thence N. 89°56'30" E.
662.00	Gulch, 3 ft. wide, course S. 15° E.
662.52	Cor. No. 4, identical with the SE. cor. of the Andrew No. 3 placer and with the SW. cor. of the Andrew No. 4 placer, both unsurveyed.  Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8 ins. diam., with aluminum cap mkd. X-4-A12-4614-SE-A2-SW-A3; from which  The center $\frac{1}{4}$ cor. of Sec. 30 bears N. 0°12'40" W., 1311.94 ft. dist.  Cor. No. 2, Faison lode, Sur. No. 1390, bears S. 25°06'50" W., 631.20 ft. dist.  Thence S. 0°12'40" E.
2.00	Gulch, 3 ft. wide, course S. 15° E.
810.00	Gulch, 5 ft. wide, course N. 50° E.
967.00	Gulch, 2 ft. wide, course N. 15° E.
985.12	Intersect line 2-3, Faison lode, Sur. No. 1390, at a point from which Cor. No. 2 bears N. 33°17' W., 494.73 ft. dist., and Cor. No. 3 bears S. 33°17' E., 113.07 ft. dist.
1119.67	Intersect line 3-4, Faison lode, Sur. No. 1390, at a point from which Cor. No. 3 bears N. 56°56'50" E., 73.44 ft. dist.
1311.94	Cor. No. 1, and place of beginning.
<b>AREAS</b>	
	Acres
Total area, Andrew No. 13 placer -----	17.225
Area in conflict with--	
Sur. No. 1390 Majestic Copper lode -----	5.799
Sur. No. 1390 Silver Hill lode -----	9.262

Survey No. 4614

FEET	Acres
Sur. No. 1390 Metallic Beauty lode-----	0.202
Total area, Andrew No. 14 placer-----	17.239
Area in conflict with-----	
Sur. No. 1390 Majestic Copper lode-----	0.116
Sur. No. 1390 Metallic Beauty lode-----	1.651
Sur. No. 1390 Faison lode-----	0.983
Sur. No. 1390 Silver Hill lode-----	8.299
Total area, Andrew No. 15 placer-----	20.148
Area in conflict with-----	
Sur. No. 1390 Silver Hill lode-----	0.385
Sur. No. 1390 Faison lode-----	6.471
Total area, Andrew No. 16 placer-----	20.168
Area in conflict with-----	
Sur. No. 1390 Faison lode-----	0.989
Total area, Andrew No. 17 placer-----	17.244
Area in conflict with-----	
Sur. No. 1390 Silver Hill lode-----	0.102
Sur. No. 1390 Silver Hill West Extension lode-----	0.000
Total area, Andrew No. 11 placer-----	20.014
Area in conflict with-----	
Sur. No. 1390 Faison lode-----	4.053
Total area, Andrew No. 12 lode-----	19.982
Area in conflict with-----	
Sur. No. 1390 Faison lode-----	8.183

LOCATION

This survey is located in the SE<sup>1</sup>SW<sup>1</sup> of Sec. 30 and the NW<sup>1</sup> of Sec. 31, T. 12 S., R. 9 E., G. & S. R. B. & M., Pima County, Arizona.

The Andrew Nos. 11 and 12 placers comprise the W<sup>2</sup>SE<sup>1</sup>SW<sup>1</sup> and the E<sup>2</sup>SE<sup>1</sup>SW<sup>1</sup> of Sec. 30, respectively; the Andrew Nos. 13 and 14 placers comprise the W<sup>2</sup> and E<sup>2</sup>, respectively, of the fractional NW<sup>1</sup>NW<sup>1</sup> of Sec. 31; the Andrew Nos. 15 and 16 placers comprise the W<sup>2</sup>NE<sup>1</sup>NW<sup>1</sup> and the E<sup>2</sup>NE<sup>1</sup>NW<sup>1</sup> of Sec. 31; and the Andrew No. 17 placer comprises the N<sup>2</sup> of the fractional SW<sup>1</sup>NW<sup>1</sup> of Sec. 31.

The survey of all seven placer claims is identical with their respective locations 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:

An interest of common improvement:

a diamond drill hole, known as W-4, the center of the collar of which bears N. 35°15' E., 255 ft. from Cor. No. 4 of the Andrew No. 14 placer. Drilled at angle of 49°, down, from horizontal, and at a bearing of N. 66° W. to a depth of 278 ft. and a diameter of 2-1/2 ins. it thus lies on both the Andrew Nos. 13 and 14 placers.

Value, \$2500.

FEET

an access-road to the S'ly end of the Andrew Nos. 13 and 14 placers.

Value, \$750.

an access-road to the S'ly end of the Andrew Nos. 14, 15, and 16 placers.

Value, \$500.

Total value, \$3750.

These improvements are for the development of the seven placer claims of this survey and sixteen placer claims which are all contiguous placer claims owned in common and within the range of benefit of said improvements.

Five hundred dollars of these improvements is credited to each of the seven placer claims of this survey and the remaining \$250. is credited to the sixteen contiguous placer claims. Except as stated above, no portion of, or interest in, these improvements has been credited as patent expenditure to any claim.

#### OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

All four quarter-corners of Sec. 31 were found; all were G.I.C. brass-caps, firmly set and properly marked, except for the W'ly one, which was a  $\frac{5}{8}$ th in. pin, on which I put an aluminum cap, and marked  $\frac{1}{4}$ , S 31. The center of Sec. 31 was then set by intersection, an iron pin, with mound of stone alongside, 30 ins. long,  $\frac{5}{8}$ th ins. diam., with an aluminum cap marked C  $\frac{1}{4}$  S 31-1964, and the exteriors of the NW<sup>4</sup> of Sec. 31 were taped out.

All of the quarter-corners of Sec. 30 were found, except the  $\frac{1}{4}$  Cor. of Secs. 19 and 30 which was replaced by proportionate measurement, where I set an iron pin, with mound of stone alongside, 30 ins. long,  $\frac{5}{8}$ th ins. diam., with aluminum cap mkd.  $\frac{1}{4}$  S 30; the center quarter-corner of Sec. 30 was then set by intersection, an iron pin, with mound of stone alongside, 30 ins. long,  $\frac{5}{8}$ th ins. diam., with aluminum cap marked C  $\frac{1}{4}$  S 30-1964, and the exteriors of the SW<sup>4</sup> of Sec. 30 were taped out.

When the exteriors of the respective quarter-sections, above, were measured out, their centers were set by intersection, in each case, and the required  $\frac{1}{16}$ th and  $\frac{1}{64}$ th corners set, most of which being claim-corners of this survey, or the related unsurveyed placer locations of the Andrew Group; those corners of the said unsurveyed claims were also set at the time of this survey, where indicated by dimensions and where circled, on the plat herewith.

The bearing of the North half of the W. line of Sec. 31 was found to bear N.  $0^{\circ}04'50''$  E., 1136.50 ft. and N.  $0^{\circ}02'40''$  W., 1504.66 ft. for a total of 2641.16 ft., instead of North, 1139.16 ft. and 1500.84 ft., for a total of 2640.00 ft. as approved.

FEET

The bearing of the South half of the W. line of Sec. 30 was found to bear N. 0°04' E., 1133.17 ft. and 1506.51 ft., for a total of 2639.68 ft., instead of N. 0°03' W., 1139.16 ft. and 1506.78 ft., for a total of 2645.94 ft. as approved.

The bearing of the W. half-mile between Secs. 30 and 31 was found to be N. 89°45'30" E., 2462.31 ft. instead of N. 89°54' E., 2449.92 ft. as approved.

Sur. No. 1390 Majestic Copper lode: Line 3-4 was found to be N. 57°12' E., 596.30 ft. instead of N. 57°00' E., 600.00 ft. as approved.

Sur. No. 1390, Metallic Beauty lode: Line 4-1 was found to be N. 57°19' E., 353.52 ft. (to Cor. Nos. 1, Sur. No. 1390, Silver Hill lode and Faison lode), thence N. 57°17' E., 247.04 ft., instead of N. 57°00' E., 600.00 ft. as approved.

Sur. No. 1390, Silver Hill lode: Line 1-2 was found to be S. 57°19' W., 353.52 ft.; thence S. 57°12' E., 596.30 ft. instead of S. 57°00' W., 353.00 ft. and 600.00 ft. respectively, the balance of said line is shown as approved. Line 3-4 was found to be N. 57°01' E., 1497.54 ft. instead of N. 57°00' E., 1500.00 ft. as approved; line 4-1 was found to be approximately correct as approved.

Sur. No. 1390, Faison lode: The NE'ly portion of line 1-2 was found to be N. 56°30'30" E., 1256.95 ft. instead of N. 57°00' E., 1253.00 ft., as approved. Line 2-3 was found to be S. 33°17' E., 607.80 ft. instead of S. 33°00' E., 600.00 ft. as approved. Line 3-4 was found to be S. 56°56'50" W., 1507.14 ft. instead of S. 57°00' W., 1500.00 ft. as approved. The tie from Cor. No. 1 to U.S.L.M. No. 1390 was found to be N. 76°11' W., 536.83 ft., instead of N. 76°30' W., 544.00 ft. as approved.

Sur. No. 1390; all corners (including witness-corners) were found: 4 x 4 in. posts, firmly set and properly marked (some markings a bit indistinct). U.S.L.M. No. 1390 was found: a slender wooden post in the center of a mound of stone 5 x 6 ft. in size, 5 ft. high. All lines not mentioned above are shown as approved.

FIELD ASSISTANTS

Frank Vasquez-----	Instrumentman
Joe D. Alvarez-----	Chainman
Herbert Stelting-----	Chainman
Roy Ewing, Jr.-----	Chainman
William Torres-----	Chainman
David Yates-----	Rodman
Justo Anaya-----	Axeman

FEET

21

SWAMPY, S. WYOMING

The boundary of the swamp is on the W. side of Sec. 11, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 12, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 13, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 14, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 15, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 16, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

The boundary of the swamp is on the W. side of Sec. 17, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.

SWAMPY, S. WYOMING

Boundary of swamp on the W. side of Sec. 18, T. 33 N., R. 10 W., and is about 1/2 mi. long. It is a very shallow swamp, and is very productive of waterfowl.



FEET

DESCRIPTIVE REPORT ON PLACER CLAIMS OF MIN. SUR. NO. 4614

The following remarks are pertinent to the conditions on the seven placer claims (Andrew Nos. 11-17, incl.) comprising Min. Sur. No. 4614:

(a) The topography varies from very steep to precipitous, embracing the Southern and Eastern slopes of Waterman Peak, virtually to the top thereof (U.S.L.M. No. 1390 is practically on the summit of Waterman Peak); the formation is principally limestone, with some sandy beds, including quartzite. There is little or no soil and very little alluvial matter on the surface of the entire group; the vegetation is sparse, except for an uncommonly large proportion of cholla cactus; there are considerable amounts of ocotillos, and some sahuaros; very few trees are present.

(b) The drainage of the immediate area is to the South and East, down the slopes of Waterman Peak. The only gulches of any consequence are those heading near Waterman Peak and draining Southerly and Easterly, respectively, across the claims covered by this survey. Each furnishes the best access from its particular vicinity to the center of the property, and each has had a mine road pushed up its side slopes, for access and development.

(c) The roads mentioned in "b", above, were rebuilt and extended from the main roads in the valley, for purposes of examination, exploration, and development of these claims. Diamond Drill Hole W-4 was put down across portions of the Andrew Nos. 13 and 14 placers, for the benefit of these claims and the other five placers of this survey; in addition, the large quarry located in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Sec. 33 was begun, proving the suitability of the material in this vicinity for commercial uses.

(d) Nearby settlements include those of Silver Bell, a copper-mining community of some 500 persons; and Rillito, a settlement of some 100 persons, site of the plant of the Arizona Portland Cement Co. Both towns have Post Offices; Silver Bell is about 6 miles NW. of the claims; Rillito lies about 20 miles to the East; both are accessible by paved roads after the first 3 or 4 miles of excellent desert road from the mine area. Avra Valley, midway between the mine and Rillito, is an excellent agricultural area, and is now under development, with several hundred people residing therein.

(e) The Silver Hill mine is the only lode deposit known to the undersigned to exist within a half-mile of the claims under discussion. This is an old mine developed by several adits and shafts; the values were said to be in silver, lead, and copper; the trend of mineralization is NE-SW.

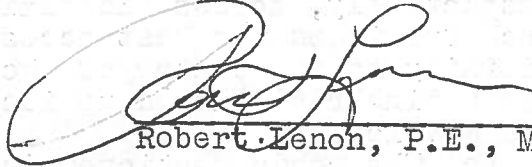
(f) This ground is eminently suitable for the mining of limestone and other sedimentary rocks by open-pit, or quarry-type, operations. There is very little overburden. Water, in limited quantities, is probably available at the junction of the major drainageways some  $3\frac{1}{2}$  miles due East of Waterman Peak. It would probably be expensive to develop large quantities of water any nearer than this site, but the need for more than a nominal amount of water is not foreseen for an operation of the type contemplated.

FEET

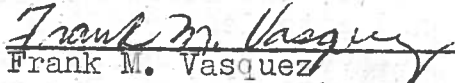
(g) Expenditures made by the claimant or its grantors include the repair and extension of the above-described mine roads for exploration and development, and the drilling of said diamond-drill hole; also the examination, surveying, and mapping (both topographic and geological) of the entire area surrounding, as well as the subsequent opening of the above-described quarry about 3/4ths of a mile East of the center of the property in question.

(h) The patented claims, both of Sur. No. 1390, the Silver Hill lode and Faison lode, are virtually entirely covered by the placer locations embraced in this survey, as are minor portions of the Majestic Copper and Metallic Beauty lodes. A fairly large amount of underground mining has been done on the first two lodes mentioned above, and probably not very much on the other two. No salt licks, salt springs, or mill-sites are known to exist on the claims under question.

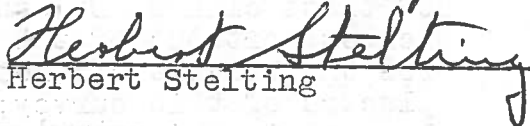
Sworn and subscribed to this date by the following persons who state that they are disinterested and are familiar with the conditions on the ground and certify the above statements to be true and accurate as far as their own personal knowledge goes.



Robert Lenon, P.E., Min. Sur.

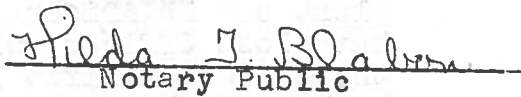


Frank M. Vasquez



Herbert Stelting

Signed and sealed before me, a Notary Public, in and for the county of Santa Cruz, State of Arizona, this 12<sup>th</sup> day of October, 1964.

  
Notary Public

My Commission expires:

Nov. 30, 1966

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

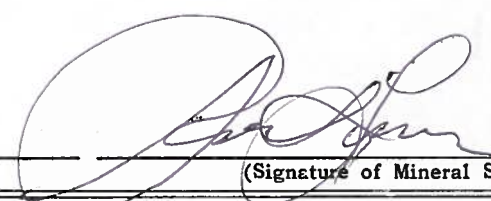
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Robert Lenon	9/5/64

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated December 5th, 1963, I have carefully executed the survey of the claim of American Cement Corporation, known as the (lode, placer, or mill site) Andrew Placers Nos. 11, 12, 13, 14, 15, situated in Pima County, Silver Bell Mining District, Township 12 S., Range 9 E., G. & S. R. 16 & 17, Meridian, in the State of Arizona.

This survey, designated as number 4614, 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 the specific manner described in the foregoing field notes.

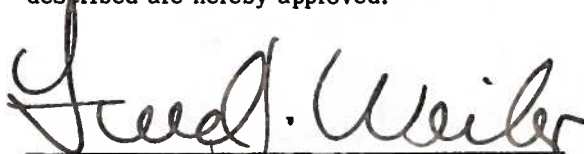
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) placer location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full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

Patagonia, Arizona (Location)	 (Signature of Mineral Surveyor)
----------------------------------	---

CERTIFICATE OF APPROVAL

Office Bureau of Land Management - Arizona State Office
Location Phoenix, Arizona
Date October 27, 1964

The foregoing field notes of mineral survey number 4614, in Sections 30 and 31, Township 12 S., Range 9 E., Gila & Salt River Meridian, in the State of Arizona, executed by Robert Lenon, Mineral Surveyor, under order dated December 5, 1963, 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) Fred J. Weller	State Director (Title)
---	---------------------------

CERTIFICATE OF TRANSCRIPT

I 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.

Department of Justice  
Federal Bureau of Investigation  
Washington, D.C.

Robert L. ...  
Phoenix, Arizona  
December 20, 1954  
American ... Corporation  
Phoenix, Arizona

12, 13, 14, 15, 16, 17

18

Phoenix, Arizona

Phoenix, Arizona  
December 27, 1954

Phoenix, Arizona

December 27, 1954

Phoenix, Arizona

Phoenix, Arizona  
December 27, 1954

Phoenix, Arizona

Phoenix, Arizona

Phoenix, Arizona

Phoenix, Arizona