

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number
4613

State
Arizona

Land District

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

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

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

South Group of Andrew Placer Mining Claims

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Andrew No. 48 Placer	6/24/58	
Andrew No. 51 Placer	6/24/58	

Mining district Silver Bell		County Pima	
Section 6	Township 13 S.	Range 9 E.	Meridian G. & S. R.
Survey commenced 12/29/63		Survey completed 3/16/64	Survey under order dated 12/5/63
Name of Mineral Surveyor Robert Lenon			

1
1913
Arizona

RECEIVED
OFFICE OF THE ATTORNEY GENERAL
TAMPA, FLORIDA

Approved by the Board of Directors of the
State of Florida, January 1, 1913
1000 North Florida Avenue
Tampa, Florida 33602

State of Florida, Office of the Attorney General

Witness
my hand and seal

Andrew W. Lee, Attorney General
Tampa, Florida

Name of Party	Address	Signature	Date
Robert Lee	1000 North Florida Avenue Tampa, Florida 33602	[Signature]	1913
G. B. R.	[Address]	[Signature]	1913
[Name]	[Address]	[Signature]	1913

Survey No. 4613

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 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 centerline of Sec. 6, approximately 3000 feet S'ly, SE. to the sun.

	(1st set)	(2nd set)
Mean time of observation, 105th meridian standard time:	9h 20m	9h 23m
Declination of sun at mean time of observation:	23° 14' 30" S.	
Mean observed vertical angles to sun's center:	19° 03'	19° 33'
Mean horizontal angles from reference point to sun's center:	315° 22'	316° 00'
True bearing to reference point:	S. 0° 02' 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 the survey of the Andrews No. 48 and No. 51 placer claims the Sec. and 1/4 Sec. cors. were found and the center 1/4 cor. of Sec. 6 and the pertinent 1/16th cors. were set by proportionate measurement. The resulting bearings and distances for the SW. 1/4 of Sec. 6 are shown on the plat.

FEET

ANDREW NO. 48 PLACER

At Cor. No. 1 of the Andrew No. 48 placer, identical with the W'ly 1/4 Cor. of Sec. 6, T. 13 S., R. 9 E., G. & S. R. B. & M.

Found an iron pipe with a mound of stone alongside, 1 in. diam., 12 ins. above the ground, firmly set, with a brass cap mkd. 1/4 Sec. 6, to which I added 1-A48-4613; from which

The W'ly Cor. common to Secs. 6 and 7, T. 13 S., R. 9 E., G. & S. R. B. & M., Arizona, bears South, 2635.88 ft. dist.

The center 1/4 Cor. of Sec. 6, T. 13 S., R. 9 E., bears N. 89°59' E., 2460.60 ft. dist.

The 1/4 Sec. Cor. common to Secs. 5 and 6, T. 13 S., R. 9 E., bears N. 89°59' E.

Thence N. 89°59' E.

758. Gulch, 5 ft. wide, course N. 52° E.

873. Gulch, 6 ft. wide, course N. 15° E.

969. Gulch, 3 ft. wide, course N. 12° E.

1140.0 Cor. No. 2, identical with the NE Cor. of Lot 6, Sec. 6, identical with the NW Cor. of the Andrew No. 49 placer, unsurveyed.

Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8ths ins. diam., with aluminum cap mkd. X-2-A48-4613; from which the center 1/4 Cor. of said Sec. 6 bears N. 89°59' E., 1320.60 ft. dist.

Thence S. 0°00'15" W.

442. Gulch, 10 ft. wide, course S. 45° E. to this point and N. 30° E. below this point.

658.97 Cor. No. 3, identical with the SE Cor. of the N. 1/2 of said Lot 6, identical with Cor. No. 2 of the Andrew No. 51 placer, of this survey, identical with the NW Cor. of the Andrew No. 52 placer, unsurveyed, identical with the SW Cor. of the Andrew No. 49 placer, unsurveyed.

Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8th ins. diam., with aluminum cap mkd. X-3-A48-2-A51-4613-A49-SW-A52-NW; from which the SE Cor. of the N. 1/2 NE⁴SW⁴ of said Sec. 6 bears N. 89°59' E., 1320.26 ft. dist.

Thence S. 89°59' W.

80. Gulch, 10 ft. wide, course N. 10° E.

Survey No. 4613

3

FEET	
1139.96	<p>Cor. No. 4, identical with the SW. Cor. of N. 1/2 of said Lot 6, and with Cor. No. 1 of the Andrew No. 51 placer of this survey.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8th ins. diam., with aluminum cap mkd. X-4-A48-1-A51-4613.</p> <p style="text-align: center;">Thence North</p>
658.97	<p>Cor. No. 1, and place of beginning.</p> <hr/> <p style="text-align: center;">ANDREW NO. 51 PLACER</p> <p>Beginning at Cor. No. 1 of the Andrew No. 51 placer, identical with Cor. No. 4 of the Andrew No. 48 placer, of this survey, identical with the NW. Cor. of the S. 1/2 of Lot 6, Sec. 6, and falling on the W'ly line of said Sec. 6, previously described; from which</p> <p style="padding-left: 40px;">The W'ly 1/4 Cor. of Sec. 6, of T. 13 S., R. 9 E., G. & S. R. B. & M., Arizona, bears North, 658.97 ft. dist.; previously described.</p> <p style="text-align: center;">Thence N. 89°59' E.</p>
1059.96	<p>Gulch, 10 ft. wide, course N. 10° E.</p>
1139.96	<p>Cor. No. 2, identical with Cor. No. 3 of the Andrew No. 48 placer, of this survey, identical with the SW. Cor. of the Andrew No. 49 placer, unsurveyed, identical with the NW. Cor. of the Andrew No. 52 placer, unsurveyed, identical with the NE. Cor. of the S. 1/2 of Lot 6, previously described.</p> <p style="text-align: center;">Thence S. 0°00'15" W.</p>
185.	<p>Gulch, 10 ft. wide at junction, N'ly branch, 8 ft. wide, course N. 80° W. to this point; S'ly branch, 4 ft. wide, course North to this point. Course of combined branches, N. 75° W. below this point.</p>
330.	<p>Mine road, 12 ft. wide, bears East-West.</p>
658.97	<p>Cor. No. 3, identical with the center of the fractional SW⁴ of said Sec. 6, identical with the SW. Cor. of the Andrew No. 52 placer, unsurveyed.</p> <p>Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8th ins. diam., with aluminum cap mkd. X-3-A51-4613-A52-SW; from which the SE. Cor. of the NE⁴SW⁴ bears N. 89°59' E., 1319.92 ft. dist.</p> <p style="text-align: center;">Thence S. 89°59' W.</p>
914.	<p>Gulch, 3 ft. wide, course N. 40° W.</p>

FEET
1139.92

Cor. No. 4, identical with the SW. Cor. of Lot 6 of said Sec. 6, and falling on the W'ly line of said Sec. 6.

Set an iron pin, with a mound of stone alongside, 30 ins. long, 5/8th ins. diam., with aluminum cap mkd. X-4-A51-4613; from which

The E'ly 1/4 Cor. of Sec. 1, T. 13 S., R. 8 E., bears South, 190.12 ft. dist.; an iron pipe, 1 in. diam., 12 ins. above the ground, firmly set, with a brass cap mkd. 1/4 Sec. 1.

Thence North

112. Gulch, 5 ft. wide, course N. 75° W.

658.97 Cor. No. 1, and place of beginning.

AREAS

	Acres
Total area, Andrew No. 48 Placer.....	17.245
Total area, Andrew No. 51 Placer.....	17.245

LOCATION

This survey is located in the SW⁴ of Sec. 6, T. 13 S., R. 9 E., G. & S. R. B. & M., Arizona; the two placer claims combine to include all of Lot 6 (the fractional NW⁴SW⁴) of said Sec. 6, the Andrew No. 48 placer comprising the N² of said Lot 6, and the Andrew No. 51 placer the S² of said Lot 6.

The survey of both placers 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 placer locations embraced in said mining claims by the claimant or its grantors is as follows:

- No. 1 A diamond drill hole, known as W-5, the center of the collar of which bears S. 67°15' W., 468 ft. from Cor. No. 2, Andrew No. 51 placer. Drilled at a vertical angle of 50° and at a bearing of N. 11° E. to a depth of 298 ft. and a diameter of 2-1/2 ins., and thus lies on both of the placer claims of this survey.
Value, \$2086.

An undivided one-half interest in this improvement, valued at \$1043., was credited to each of the placer claims of this survey. No portion of, or interest in, this improvement has been credited heretofore as patent expenditure to any lode or placer claim.

FEET

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

All four quarter corners of Sec. 6 were found, G.L. O. brass-caps, firmly set and properly marked. The center of Sec. 6 was set by intersection, an iron pin, with a mound of stone alongside, 30 ins. long, 5/8th ins. diam., with aluminum cap mkd. C 1/4 S 6-1964, and the exteriors of the fractional SW⁴ of Sec. 6 were measured.

The E'ly and W'ly lines of the said SW⁴ were taped and halved, then the N'ly half of each of said lines was halved, 1/16th and 1/64th cors. being set.

The N'ly line of the said SW⁴ was taped and split by proportional measurement; the S'ly line of the said SW⁴ was measured (mainly by triangulation) and the position for the W'ly 1/16th Cor. of the S'ly line of Sec. 6 calculated, so that the center 1/16th Cor. of the SW⁴ could be set. Then the interior lines of the N²SW⁴ were run by intersection.

The bearing of the South half of the W'ly line of Sec. 6 was found to be North-South, as approved, and it taped out to be 2635.88 ft. in length, instead of 2640.00, as approved. The portion lying to the North of the E'ly quarter corner of Sec. 1, T. 13 S., R. 8 E., was found to be 1508.06 ft. in length, instead of 1509.42 ft., as approved, and the portion lying to the South of the said quarter corner was found to be 1127.82 ft. in length instead of 1130.58 ft., as approved.

FIELD ASSISTANTS

Frank M. Vasquez.....	Instrumentman
Roy E. Walsh.....	Chainman
Herbert Stelting.....	Chainman
Vernon Schmidt.....	Axeman

F E E T

DESCRIPTIVE REPORT ON PLACER CLAIMS OF MIN. SUR. NO. 4613

The following remarks are pertinent to the conditions prevailing on the two Placer claims (Andrew Nos. 48 and 51) comprising Min. Sur. No. 4613:

(a) The topography varies from gently sloping to steep, the principal topographic feature being an East West low-lying limestone ridge crossing the placer claims, and lying principally to the North of their common sideline. The soil is poor, where any at all is present; the vegetation is of the desert varieties common to this elevation (about 2500 feet above sea level) in Southern Arizona, being comprised of palo verde, ironwood, with ocotillos, sahuaros, and chollas representing the cactus family.

(b) The drainage of the immediate area is to the North, where runoff is collected by a medium-sized drainageway, width about 20 feet, course Easterly, approximately along the East-West centerline of Sec. 6 and known as Lord's Gulch, passing by the now abandoned Lord's ranch-house in the NW'ly corner of Sec. 9. However, the drainage of the immediate area of the two placer claims of this survey is somewhat confused, surface water running to the North and West, principally.

(c) A mine road was extended Westerly from the old road which led from Lord's Ranch to the old Squabble Mine, for purposes of examination, exploration, and development of these claims. Diamond drill holes were put down on the Andrew No. 51 for the benefit of this placer location and that of the Andrew No. 48, both of this survey; in addition, similar diamond drill holes were put down (along the above-mentioned road) on the unsurveyed Andrew Nos. 52 and 53 placer claims in the valley connecting the Andrew No. 51 and the Squabble Mine. These holes confirmed the quality and the value of the limestone and related deposits in the placer claims of this survey, as well as those unsurveyed claims (under the same ownership) lying to the East of same.

(d) Nearby settlements include those of Silverbell, 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; Silverbell 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. The 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 Squabble Mine is the only lode deposit known to the undersigned lying within a mile of the claims under discussion. This is an old mine developed by a shaft and surface workings. The property lies in the extreme SE. corner of Sec. 6; the values are in carbonates and silicates of copper; the trend of the mineralization is East-West.

of limestone and other sedimentary rocks by open-pit, or quarry-type, operations. There is but little overburden. Water, in limited quantities, is available at the Lost Acres Ranch, about 2 miles SW. of these claims. It would probably be expensive to develop large quantities of water nearby, but the need for more than a nominal amount of water is not foreseen for an operation of the type contemplated.

(g) Expenditures made by the claimant or its grantors include the building of the above-described mine road for the exploration and development, and the drilling of the said diamond-drill holes; also the examination, surveying, and mapping (both topographic and geological) of the entire area surrounding and (h) No mines, 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 Tenon, P.E., Min. Surv.
 Frank M. Vasquez
 Roy E. Walsh

SUBSCRIBED AND SWORN TO before me, this 13th day of April, 1964.

My commission expires November 30, 1966

John T. B. [Signature]
 Notary Public

(f) This ground is eminently suitable for the mining of limestone and other sedimentary rocks by open-pit, or quarry-type, operations. There is but little overburden. Water, in limited quantities, is available at the Lost Acres Ranch, about 2 miles SW. of these claims. It would probably be expensive to develop large quantities of water nearby, but the need for more than a nominal amount of water is not foreseen for an operation of the type contemplated.

(g) Expenditures made by the claimant or its grantors include the building of the above-described mine road for the exploration and development, and the drilling of the said diamond-drill holes; also the examination, surveying, and mapping (both topographic and geological) of the entire area surrounding and (h) No mines, salt licks, salt springs or mill sites are known to exist on the claims under question.

FEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert Lenon	Date 3/20/64
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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) Andrews No. 48 and 51 Placers, situated in Silver Bell Mining District, Township 13 S., Range 9 E., G. & S. R. Meridian, in the State of Arizona.

This survey, designated as number 4613, 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.

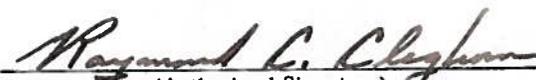
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) placer location(s) embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full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

Office Bureau of Land Management, State Office
Location Phoenix, Arizona
Date April 21, 1964

The foregoing field notes of mineral survey number 4613, in Section 6, Township 13 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.

 Raymond C. Cleghorn (Authorized Signature)	Acting State Director (Title)
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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)
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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.

THE UNITED STATES OF AMERICA
DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

1/20/54

Robert L. Jones

Special Agent in Charge, Bureau of Land
Management, Phoenix, Arizona

Phoenix, Arizona

December 28, 1953

American Land Corporation

Arizona, No. 48 and 51 Phoenix

3111 North Central Avenue

Phoenix, Arizona

Dear Sir:

Reference is made to your letter of December 23, 1953, regarding the above captioned matter. The Bureau of Land Management, Phoenix, Arizona, is currently conducting an investigation into the activities of the American Land Corporation in the Phoenix area. It is requested that you continue to cooperate with the Bureau in this matter and provide any additional information that may be required.

Sincerely,
Special Agent in Charge

W. J. Jones

Phoenix, Arizona

THE UNITED STATES OF AMERICA

Department of Justice
Federal Bureau of Investigation

Phoenix, Arizona

April 21, 1954

Special Agent

Phoenix, Arizona

Robert L. Jones

Phoenix, Arizona

Special Agent in Charge

Phoenix, Arizona

THE UNITED STATES OF AMERICA

Reference is made to your letter of April 15, 1954, regarding the above captioned matter. The Bureau of Land Management, Phoenix, Arizona, is currently conducting an investigation into the activities of the American Land Corporation in the Phoenix area. It is requested that you continue to cooperate with the Bureau in this matter and provide any additional information that may be required.