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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MOORE MINE

ALTERNATE NAMES:

DEL RIO MINE  
SANTA LUCIA GROUP  
SHIRK-MOORE  
CRANBERRY MINE  
PIMA GROUP  
APACHE

PIMA COUNTY MILS NUMBER: 49

LOCATION: TOWNSHIP 21 S RANGE 9 E SECTION 9 QUARTER NE  
LATITUDE: N 31DEG 37MIN 10SEC LONGITUDE: W 111DEG 25MIN 25SEC  
TOPO MAP NAME: ARIVACA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER OXIDE  
SILVER  
GOLD LODE

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 106, 1974  
ADMMR MOORE MINE FILE

CRANBERRY MINE

PIMA COUNTY  
ARIVACA DIST.  
T21S, R9E, Sec. 8 or 9

Mr. Bob Claire called to inquire about above mine. GWI WR 10-15-67

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Mine visit - 4 men building leaching plant (copper). GWI WR 11-11-67

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Visited Cranberry mine west of Arivaca, now leaching copper - watchman only one there.  
GWI WR 1-6-68

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Cranberry mine west of Arivaca - doing geophysical work. GWI WR 3-2-68

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Visited the Cranberry Mine. Closed. GWI WR 9-7-68

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Visited Cranberry mine (Shirk-Moore) Arivaca District - idle. GWI WR 1-12-70

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Visited Cranberry - Shirk-Moore, mine - no activity. GWI 3-7-70

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Visited Cranberry Mine - no signs of activity. GWI WR 7-11-70

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Visited the Cranberry mine - still down. GWI WR 9-5-70

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Also known as the Shirk Moore property. No apparent recent activity. GWI FT 3/6/73  
valley to spot a large drilling

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Mine visit. Cranberry (Shirk-Moore) mine; no sign of activity. GWI WR 3/6/73

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Went to Cranberry mine to see where PD were drilling on their Arivaca project. GWI WR 11/6/73

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CRANBERRY MINE

PIMA COUNTY

Memo to Phoenix office 2-9-68

Information about various companies - not all confirmed:

1: Metals Petroleum & Hydraulics, Resources.

Suite 907 100 Adalade St. W., Toronto, Ontario - 416-362-1285

Buzz Neal - Mineral Dressing

W. R. Riddell - Mining Consultant

E. Black - Consulting Geologist

James Glass - Geologist

This is the company that is supposed to have leased the Blue Copper (Owl Head) and is running the Cranberry leaching operation west of Arivaca.

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ARIZONA DEPARTMENT OF MINERAL RESOURCES  
Mineral Building, Fairgrounds  
Phoenix, Arizona

1. Information from: D.D. Boyles - Watchman  
Address: see Jim Glass below

2. Mine: \_\_\_\_\_  
*Formerly called the 'Shirk-Moore'*

3. No. of Claims - Patented State Land  
Unpatented \_\_\_\_\_

4. Location: West of Ariwaca

5. Sec 8 or 9 Tp 21 S Range 9 E 6. Mining District Ariwaca

7. Owner: State of Arizona - State Land Dept.

8. Address:

9. Operating Co. Cranberry Mining Co

10. Address: Jim Glass → 4409 E Patricia, Tucson 326-7641

11. President: Jim Glass - Geologist 12. Gen. Mgr.: \_\_\_\_\_

13. Principal Metals: Cu 14. No. Employed: 2 or 3

15. Mill, Type & Capacity: Leaching plant Crusher, Tanks etc.

16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate ? tpd.

17. New Work Planned: \_\_\_\_\_

18. Misc. Notes: \_\_\_\_\_

This may be same outfit that has Blue Copper.

Date: 1-2-68

[Signature]  
(Signature)

(Field Engineer)

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**DEPARTMENT OF MINERAL RESOURCES**  
STATE OF ARIZONA  
**FIELD ENGINEERS REPORT**

Mine Pima Group of Claims (formerly called Santa Lucia Group)+ Date Jan. 10, 1963  
District Arivaca District, Pima Co. Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Jesse Sinka, repr. of Floyd R. Bekins.

Location Sec. 9 & 10 - T 21 S - R 9 E. Starting from Arivaca, drive 6.9 miles NW on the Arivaca-Sasabe road. Turn right and drive about 3/4 miles to the mine.

Number of Claims 39 claims on State land. Located by present applicants on Dec. 28, 1962. Applications for State leases pending. Mr. Sinka reported that the former owners, Lynn V. Shirk and A. C. More has failed to keep up the annual assessment work, and that their State leases are no longer valid.

Owners State of Arizona.

Lessees Present applicants for State leases on above described property are:  
(1) Mine Development Corp., Box 35, Amado, Ariz., owned by Floyd R. Bekins, 301 Copo de Oro Road, Los Angeles 14, Calif. -----50 %  
(2) Jesse Sinka, Box 35, Amado, Ariz., Robert Murray, Box 35, Amado, Ariz. and Robert Langguth, Phoenix, Ariz. -----50 %

Principal Minerals Copper ores.

Present Mining Activity None

Geology & Mineralization See report of "Santa Lucia Group" under date of April 1, '58.

Old Mine Workings See report of "Santa Lucia Group" under date of April 1, 1958.

New Mine Workings (work done in 1957 & 1958)  
See report of "Santa Lucia Group" under date of April 1, 1958

Proposed Plans Present applicants for State leases plans to explore by means of geophysical exploration, followed by diamond drilling. The Mine Development Corp., owned by Mr. Bekins, will finance the exploration work.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

COPY

*Santa Lucia Group,*  
Mine Del Rio Mine<sup>9</sup> Date /September 23, 1960  
District Helvetia District, Pima County Engineer Axel L. Johnson  
Subject: Field Engineers Report, Information from Ernest Mueller and personal visit.

Location: About  $1\frac{1}{2}$  mile NW of Helvetia. Take the Ruelas Ranch road and drive about 1 mile N to the mine.

No. of Claims: 1 unpatented claim.

Owners: P. R. Ruelas & Alice Ruelas (husband & wife)  
Felix Ruelas & Julia Ruelas (husband & wife)

Lessees & Operators: Arivaca Land and Development Co., Box 83, Sahuarita, Ariz.  
Lynn V. Shirk, 919 Wells St., Fort Wayne, Indiana - Pres.  
Ernest A. Mueller, Box 83, Sahuarita, Ariz. - Sec'y-Treas.

The new company is a consolidation of the Del Rio Minerals Co. operations and the Santa Lucia Group of claims, 7 miles NW of Arivaca.

Principal Minerals: Low grade copper carbonates and oxides.

Present Activity: Construction of an additional leaching vat. 4 men working -  $5\frac{1}{2}$  days per week. No ore leaching at present. Operators expect to start leaching ore in about 30 days.

Milling & Marketing: Ore will be treated in the leaching plant. The cement copper will be trucked to the International smelter at Inspiration, Arizona.

Review of Recent Operations: Operations at the Del Rio Mine were suspended in February, 1960 on account of lack of finances.

Operations were resumed yesterday (Sept. 22).

The construction of the second leaching vat, which was started in January, 1960, is now being continued. Mr. Mueller states that the size of this leaching vat will be 12' x 40' with a 30' camp. It is being built of Douglas Fir, to be covered with pitch tar.

Additional: There is no work being done at the Santa Lucia Mine at the present time, and none is planned for the next few months. Geophysical work and diamond drilling is being considered at some future date. (See' Santa Lucia Group.)

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Mr. Mueller reports that his company is now doing annual assessment work on the Santa Lucia Group, near Arivaca, which they also own.

Taken from Axel L. Johnson Report on "Del Rio Mine", dated Sept. 6, 1961.

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Santa Lucia Group

Date June 3, 1958

District Arivaca, Pima County

Engineer Axel L. Johnson

Subject: Information from John D. Mitchel/

References: Report of April 1, 1958.

Location: Sec. 9 & 10, T 21 S, R 9 E. For directions to the property see report of April 1, 1958.

No. of Claims: 39 claims on state land -- type "a" claims.

Owners: Lynn V. Shirk, 919 Wells St., Fort Wayne, Indiana, and A.C. More, Box 82, Amado, Arizona. Mr. John D. Mitchell reports that he has sold the 9 claims, which he formerly owned in this group, to Mr. Shirk and Mr. More. This is understood to be a cash payment paid off in 3 years.

Principal Minerals: Copper ore

Present Mining Activity: None at the present time.



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Santa Lucia Group

Date April 1, 1958

District Arivaca District, Pima County

Engineer Axel L. Johnson

Subject: Field Engineers Report - Personal Visit & Information from John D. Mitchell

Location: Sections 9 & 10 - T 21S - R 9E. Starting from Arivaca, drive 6.9 miles NW on the Arivaca-Sasabe road. Turn right and drive about 3/4 mile to the mine.

Number of Claims 39 claims on State land -- type "a" claims.

Owners 9 claims owned by John D. Mitchell, Arivaca, Arizona. 30 claims owned jointly by Lynn V. Shirk, 919 Wells St., Ft. Wayne, Ind. and A.C. More, Box 82, Amado, Arizona.

Lessees 9 claims owned by John D. Mitchell are leased to Mr. Shirk and Mr. More on monthly payments with 10% royalty and option to buy.

Principal Minerals Copper ores.

Present Mining Activity None at present.

Geology and Mineralization The country rock, containing the mineralization, appears to be quartz monzonite, or possibly quartz diorite. This rock formation, according to Mr. Mitchell extends for a length of 7200 ft. striking N 26 degrees E, and is about 4500 ft. wide. The hanging wall is a conglomerite and the footwall is a slate. Mr. Mitchell reports a granite laccolith about one mile to the SE. The ore minerals in the quartz monzonite are chrysocolla and malachite, together with iron and a small amount of manganese.

Ore Values Not reported.

Ore in Sight & Probable Too little exploration work done to prove any ore reserves.

Milling & Marketing Facilities No Mill on property.

Past History & Production (1) Property explored, about 40 years ago, by a Mr. Chino Orosco (now deceased).

(2) Present claims located in April and May, 1957.

Old Mine Workings (1) Old 30 ft. vertical shaft sunk by Chino Orosco about 40 years ago.

(2) 4 old open cuts put down by Chino Orosco.

New Mine Workings

- (1) Location holes on all the claims.
- (2) Open cut on Santa Lucia #2 claim, 180 ft. long x 50 ft. wide x 10 ft. deep.
- (3) Open cut on Santa Lucia #3 claim, 50 ft. long x 50 ft. wide x 10 ft. deep.
- (4) Open cut on Santa Lucia #9 claim, 200 ft. long x 50 ft. wide x 25 ft. maximum depth.
- (5) Open cut on Coppa #26 claim, 50 ft. long x 50 ft. wide.
- (6) 8 test pits on Santa Lucia #2 claim, 1 test pit on Coppa #25 claim and 1 test pit on Coppa #26 claim -- all about 8 ft. deep.

Present Mining Operations None

Proposed Plans Further exploration by means of diamond drilling. Sale of property to a large operating company.