



## **CONTACT INFORMATION**

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PRINTED: 12/18/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BURNEY

ALTERNATE NAMES:

BIRTHDAY  
ST. ANTHONY SHAFT  
LEAD REEF  
STOVE LID  
COPPER ROSE  
CANDAD DEL ORO

PINAL COUNTY MILS NUMBER: 596

LOCATION: TOWNSHIP 10 S RANGE 15 E SECTION 22 QUARTER C  
LATITUDE: N 32DEG 33MIN 03SEC LONGITUDE: W 110DEG 47MIN 55SEC  
TOPO MAP NAME: ORACLE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD  
SILVER  
ZINC  
COPPER  
GOLD  
MOLYBDENUM  
TUNGSTEN  
MICA  
SILICON

BIBLIOGRAPHY:

ADMMR BURNEY FILE  
ELEVATORSKI, E.A., AZ. INDUSTRIAL MINERALS  
1980, P. 55

04/10/96

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

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BIBLIOGRAPHY:

ADMMR BURNEY FILE

BIRTHDAY MINE

REFERENCES

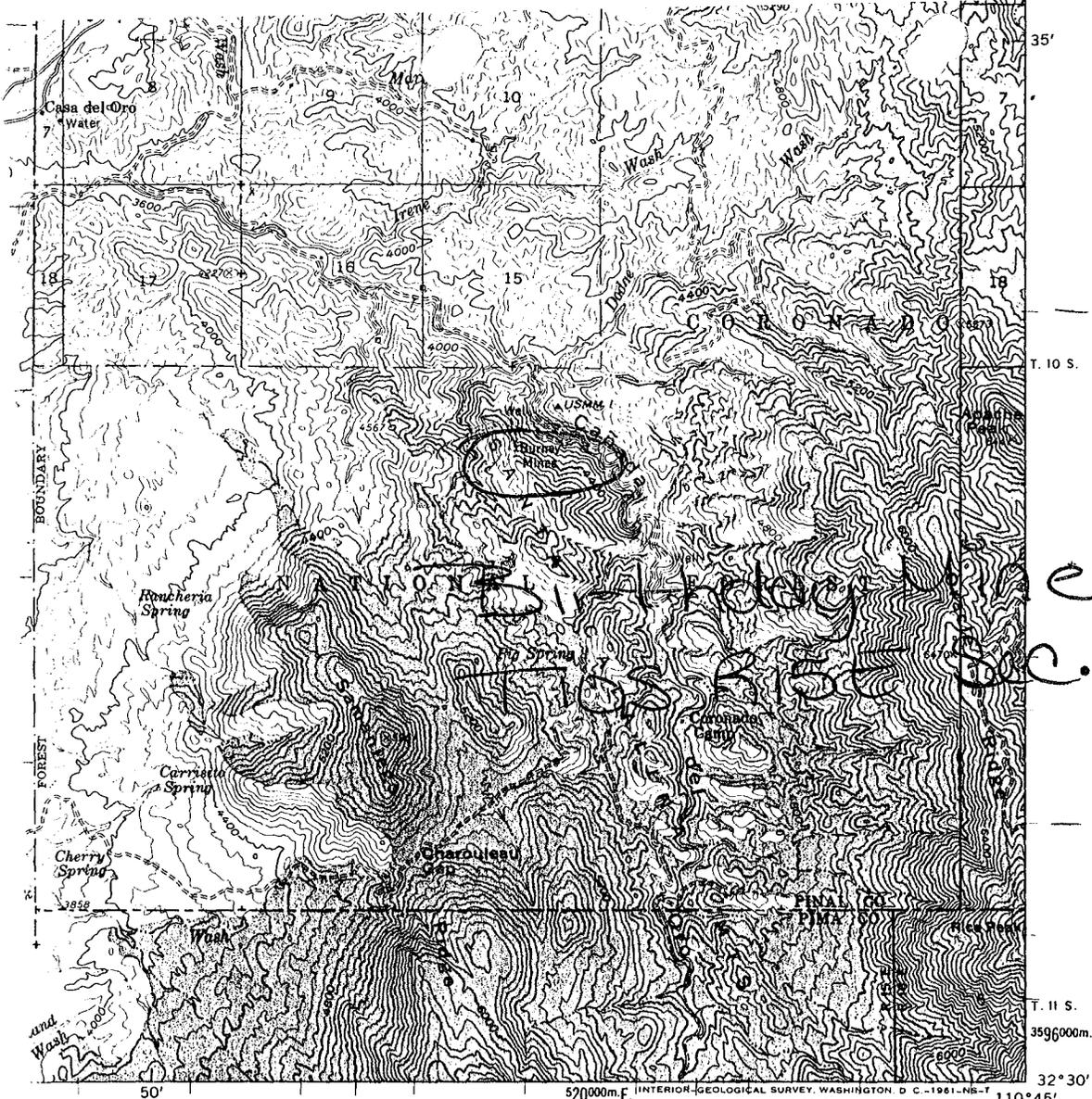
PINAL COUNTY  
EL POSA DIST.  
T10S R15E Sec. 22

Pinal County MILS Index #596

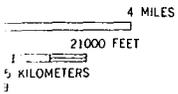
AKA: Burney, St. Anthony Shaft, Canyon Del Oro Mines Inc., Stove Lid, Copper Rose,  
Lead Reef, Canada Del Oro

Burney Mill (file)

Oracle, AZ 15' Topo (included in file)



e  
Sec. 22



ROAD CLASSIFICATION

- Heavy-duty \_\_\_\_\_
- Medium-duty \_\_\_\_\_
- Light-duty \_\_\_\_\_
- Unimproved dirt - - - - -
- U.S. Route (shield symbol)
- State Route (circle symbol)

(BELLOTA RANCH)

ORACLE, ARIZ.  
N3230—W11045/15

60  
PL

'5, D. C.

1959

520000m.E INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C.—1961-NB-T MR 6040 110°45'

T. 11 S.  
3596000m.N.  
32°30'

BOUNDARY

FOREST

50'

35'

T. 10 S.

T. 11 S.

32°30'

110°45'



A-15-5 STOVE L10

C-1950



A-15-6 STOVE L10

C-1950



BIRTHDAY MINE

PINAL

The Burney property (T10S R15E, Sec. 15, 16, 22) to the southeast of the Little Hill mine was partially traversed by foot. Many small pits, shafts, and tunnels dot the countryside and consist of mineralized fissures bearing lead, silver and zinc. Some copper stain occurs locally. Sulfide minerals were observed and indicates that the area is not deeply oxidized. REL WR 8/23/73

---

MG WR 10/2/81: Learned that Little Hills Mines Inc. has staked the Paradise and Paradise Extension groups of claims in Sections 9, 10, 15, 16, & 22 T10S R15E of Pinal County. Some of these claims encompass the old Birthday claims, or Burney mine, of Mr. R. A. Burney located in Sec. 22, T10S R15E. Little Hills mines is mining gold veins on these properties and placer material from the Canada del Oro.

---

KAP WR 3/19/82: Art Coughanour, General Super. of the Little Hills Mine reported they attempted to run a placer operation on Canada del Oro. The trommel - sluice plant was run at 60 tons/hour for about 40 days and they recovered about 30 ounces of placer gold before shutting it down.

---

Talked to Bob Burney at an operating ball mill at his Mammoth mill. Mr. Burney has two men besides himself working. GWI Note 7-1965

---

Visited Mrs. Burney at Mill. Mr. Burney was up in Canyon del Oro and might try to mill some silver ore that he has there. GWI WR 8-23-65

---

Mill visit to the Burney mill at Mammoth. Not operating at present. GWI WR 7-2-66

---

Bob Burney sold his mill near Oracle (Burney Mine) in Mexico. FPK Note 11-25-68

---

MG WR 10/2/81: Learned that Little Hills Miles Inc. has staked the Paradise and Paradise Extension groups of Claims in Sections 9, 10, 15, 16, & 22 T10S R15E of Pinal County. Some of these claims encompass the old Birthday claims or Burney mine, of Mr. R. A. Burney located in Sec. 22, T10S, R15E. Little Hills mines is mining gold veins on these properties and placer material from the Canada del Oro.

---

\*GENERAL REFERENCES

REFERENCE 1 F1 < WALLACE, R. 1955 STRUCTURE OF THE NORTHERN OF THE SANTA CATALINA MOUNTAINS, ARIZONA U.A. D THESIS, 45 P. >

REFERENCE 2 F2 < ADMR BIRTHDAY MINE FILE >

REFERENCE 3 F3 < AGMT-US ON ~~ADMITTED~~ FILE DATA >

REFERENCE 4 F4 < >

N5 < GRANITE INTRUSIVES PRECAMBRIAN ROCKS 1 MILE S OF MINES >

D10 < PRODUCTION UNDER COPPER ROSE, BIRTHDAY, LEAD REEF AND STOVE LID ON AGMT-USOM FILE DATA >

K5 < FOUND ALONG A MESCAL LIMESTONE-DRIPPING SPRINGS QUARTZITE CONTACT >

\* 596

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

RECORD NUMBER B10 < >

REPORT DATE G1 < 8.2.8.0.3 > YR. MO.

REPORTER(SUPERVISOR) G2 < GEST, DDN E > (last, first, middle initial)

REPORTER AFFILIATION G5 < AGMT >

SYNONYMS A11 < BIRTHDAY, COPPER ROSE, LEAD REEF, STOVE LID >

RECORD TYPE B20 < X.I.M >

INFORMATION SOURCE B30 < 1.2 >

DEPOSIT NUMBER B40 < >

FILE LINK IDENT. B50 < WSM-0040210208 >

SITE NAME A10 < BURNEY MINES >

LOCATION

MINING DISTRICT/AREA A30 < BURNEY DISTRICT >

COUNTY A60 < PINAL >

PHYSIOGRAPHIC PROV A63 < 1.2.4 >

DRAINAGE AREA A62 < 1.5.0.5.0.3.0.1.4. LOWER COLORADO >

QUADRANGLE NAME A90 < ORACLE (1.9.5.9.1) >

SECOND QUAD NAME A92 < WINKLEMAN 3 SE PRELIMINARY ( ) >

ELEVATION A107 < 4,200.0.4. FT. >

STATE A50 < A.Z >

COUNTRY A40 < U.S. >

LAND STATUS A64 < 4.1.4. (1.9.7.1) >

QUADRANGLE SCALE A100 < 6.2.5.0.0 >

SECOND QUAD SCALE A91 < 2.4.0.0.0 >

JTM

NORTHING A120 < 3,601.475 >

EASTING A130 < 5,189.95 >

ZONE NUMBER A110 < 1.1.2 >

\*ACCURACY

ACCURATE ACC (circle)

ESTIMATED (EST) < GROUP OF TUNNELS, USED CENTER OF GROUP AS LOCATION >

GEODETIC

LATITUDE A70 < > N

LONGITUDE A80 < > W

CADASTRAL

TOWNSHIP(S) A77 < 0.1.0. S. 1. 4. >

SECTION(S) A79 < 22 >

SECTION FRACTION(S) A76 < SE OF NE >

MERIDIAN(S) A81 < GILA AND SALT RIVER >

RANGE(S) A78 < 0.1.5. E. 1. 4. >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 2 1/2 MILES WEST OF APACHE PEAK, ON BOTH SIDES OF CANADA DEL ORO >

LOCATION COMMENTS A83 < TUNNEL ON W BANK OF CANADA DEL ORO USED AS LOCATION. UNSURVEYED LAND. >

ESSENTIAL INFORMATION

ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED



LEAD-ZINC QUESTIONNAIRE

P.O. Box 64, Oracle, Arizona

October 5 1957.

Do you approve of the Emergency Lead-Zinc Committee's seeking relief for the lead-zinc industry and has it your authorization to speak for you? yes

What Arizona Mines and Mills in the lead-zinc class do you control?

(1) Burney Mines Inc.

(2) \_\_\_\_\_

Which ones are operating? (1) None (2) \_\_\_\_\_

If not operating, when shut down? (1) 1953 (2) \_\_\_\_\_

Number employed, prior to shut-down, in mine, mill or sections thereof producing lead or zinc ores? (1) 7 to 12 (2) \_\_\_\_\_

Number so employed on January 1, 1957? (1) None (2) \_\_\_\_\_

Number so employed on October 1, 1957? (1) None (2) \_\_\_\_\_

Remarks Price of lead zinc too low for continued operations

Burney Mines Inc  
Company

By: R A Burney  
Signature

Please fill in NOW, tear off, and mail to:

Arizona Department of Mineral Resources  
Mineral Building, Fairgrounds  
Phoenix, Arizona

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
Mineral Bulletin, Background,  
Phoenix, Arizona

1. Information from: Dave McGee  
Address: \_\_\_\_\_
2. Mine: Little Hill 3. No. of Claims: Patented  
Unpatented
4. Location: See previous report
5. Sec. \_\_\_\_\_ Tp. \_\_\_\_\_ Range \_\_\_\_\_ 6. Mining District \_\_\_\_\_
7. Owner: \_\_\_\_\_
8. Address: \_\_\_\_\_
9. Operating Co.: \_\_\_\_\_
10. Address: \_\_\_\_\_
11. President: \_\_\_\_\_ 12. Gen. Mgr. \_\_\_\_\_
13. Principal Metals: Copper 14. No. Employed: \_\_\_\_\_
15. Mill, Type & Capacity: \_\_\_\_\_
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate: 150 tpd
17. New Work Planned: \_\_\_\_\_
18. Misc. Notes:  
Talked with Dave McGee who told about operations in Globe Property  
also talked to Alberto J. Rodriguez & W. Perry Dunning at  
AMAX who were working on prop. by Amer. still by option  
McGee has DR. Rebuilt with 100 TPD & wants to  
sell same.

Date: 9-20-71

[Signature]  
(Signature)

(Field Engineer)

**SPEED LETTER®**

TO G. W. Irvin FROM L. Pare

SUBJECT Your 1-28-66 report on BURNEY MINES

— FOLD **MESSAGE** DATE 1-31-66 19\_\_

Note from FPK desk states "I assume there are 7-50 ft "air track" holes as 7 are shown on plan. However, "7-50" is not described and the "7' air track holes" on the plan is either 7 feet or an error."

SIGNED \_\_\_\_\_

**REPLY**

DATE \_\_\_\_\_ 19\_\_

— FOLD \_\_\_\_\_  
SIGNED \_\_\_\_\_

**Grayline** "SNAP-A-WAY" FORM 44-902 3-PARTS  
WILSON JONES COMPANY © 1961 \* PRINTED IN U. S. A.

SNAP-A-WAY AND RETAIN YELLOW COPY. SEND WHITE AND PINK COPIES WITH CARBON INTACT

SPEED LETTER®

FROM G. W. Irvin

TO L. Jre

SUBJECT Your 1-28-66 report on BURNEY MINES

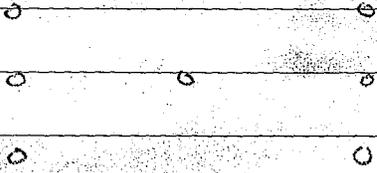
MESSAGE DATE 1-31-66 19

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SIGNED

REPLY DATE 2/4 19 66

Seven Fifty foot holes -



FOLD

SIGNED *JD*

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill Date January 28, 1965  
District Mammoth District - Pinal County Engineer Axel L. Johnson  
Subject: Mine visit. Information from R. A. (Bob) Burney and personal visit.

References: Report of June 25, 1964.

Principal Minerals: Copper and molybdenum

Present Activity: Milling copper and molybdenum ore from the Childs-Aldwinkle Mine. The mill is operated about 2 days per week. The rest of the time the employees are working in the Childs-Aldwinkle mine at Copper Creek. About 55 tons of ore per week is milled at the present time.

Milling Method: The ore, after being crushed and ground, is first run through 6 flotation cells, comprising the molybdenum circuit, where the copper is depressed with cyanide and the molybdenum is floated with the use of straight fuel oil.

The tailings from the molybdenum circuit, containing the copper values, are then run through 4 copper flotation cells, where the copper is floated and recovered.

For a list of the milling equipment, see report of the Burney Mill under date of June 14, 1961.

Markets: No shipments have been made since the molybdenum circuit was started on Jan. 1, 1965 to treat the ore from the new stope.

Mr. Burney expects to ship the molybdenum to the S.W. Shattuck Chemical Co., Denver, Colorado and the copper to Inspiration smelter at Inspiration, Arizona.

Shipments will be made some time next week.

I assume there are  
7-50ft "air track" holes  
as 7 are shown on plan.  
However, "7-50" is not described  
and the "7' air track holes" on the  
plan "is either 7 feet or an error.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill

Date June 25, 1964

District Mammoth District, Pinal Co.

Engineer Axel L. Johnson

Subject: Mine Visit. Information from R. A. (Bob) Burney and personal visit.

References Reports of the Childs-Aldwinkle Mine --- June 25, 1964 & Mar. 26, 1964.

Location About 1/2 mile west of New Mammoth. Drive north to New Mammoth. Turn left at first street north of Sierra Vista Motel, and drive west for 1/2 mile to the mill. The mill is located on a 10 acre tract next to the railroad R/W and near the railroad bridge over Tucson Wash.

Owner & Operator R. A. (Bob) Burney, Box 364, Oracle, Ariz.  
(Former company, D. M. B. D. Mining Co. was dissolved)

Principal Minerals Copper ore from the Childs-Aldwinkle Mine is milled.

Present Activity Milling ore from the Childs-Aldwinkle Mine. The mill is operated from 2 to 3 days per week. The rest of the time the employed personnel is working at the Childs-Aldwinkle Mine at Copper Creek. About 100 tons per week of ore is milled at the present time.

Ore Values Mr. Burney reports that the mill heads run from 2.5 % to 3.0 % copper; 1.0 to 1.5 oz. silver; and about \$ 1.00 per ton in gold.

Milling Facilities The mill is a 60 ton selective flotation mill, with a molybdenum circuit. The molybdenum circuit, however, is not used at present. For a list of milling equipment, see report of Burney mill under date of June 14, 1961.

4

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

Mine Burney Mill

Date Jan. 31, 1963

District Mammoth District, Pinal County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from Tex Schumake, Box 667, Mammoth.

References Report of Aug. 30, 1962 and previous reports.

Present Activities Burney Mill and the Childs-Aldwinkle Mine have now been closed down for about 2 months. Mr. Schumake reported that lack of funds and disagreement between the owners of the company were responsible for the closing down of the mine and mill.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill Date August 30, 1962  
District Mammoth District, Pinal County Engineer Axel L. Johnson  
Subject: Field Engineers Report. Information from Lee Miller.

References: Report of February 14, 1962 and previous reports.

Officers: Mr. Miller informed the field engineer that Art Hendrickson of Tucson, Arizona is now the general manager of the mine and mill. Mr. Hendrickson is a member of Brittain & Hendrickson Mining Co., 891 East Alta Vista, Tucson, Arizona. Mr. Hendrickson's local address is Box 97, Mammoth, Arizona.

Present Milling Activities: Milling the ore from Childs-Aldwinkle mine. Mill is now operated on 3 shifts and milling from 50-55 tons of ore per day. 10 men working, 3 men on each of 3 shifts, and one maintenance man.

The ore milled is now obtained from an open pit of the Childs-Aldwinkle mine. This ore is much lower grade than was mined previously from the underground operations. It is reported to run from 1.25% to 1.50% in copper and 0.02 to 0.04% molybdenum. Consequently no attempt is made to recover this small amount of molybdenum.

Review of Past Milling Operations: The mill was closed down practically all of the month of May. The mill was also closed in June when considerable repair work was done. Conveyer belt, jaw crusher and rolls were installed in addition to repairs on other miscellaneous equipment.

BURNEY MILL

PINAL COUNTY  
MAMMOTH DIST.

The Burney mill at Mammoth, Arizona, has gone on a three-shift basis, milling 40 to 45 tons of ore per day from the CHILDS-ALDWINKLE mine. Eight men are employed, working under R. A. (Bob) Burney, superintendent, and Lee Miller, mill foreman. The copper concentrate is trucked to the Asarco, smelter at Hayden, and the molybdenum concentrate will be marketed through a San Francisco, California broker. The mill, completed in August, is a 60-ton selective flotation plant with a molybdenum circuit. At the mine, stoping is underway in shrinkage stopes above the main adit level. Six men, working two shifts daily are employed under the direction of Felix Vargas, mine foreman. The ore is reported to assay 3 to 4 percent copper, with from 0.4 to 0.75 percent molybdenum. Burney plans to dewater the main shaft and start mining operations from the bottom level. The main shaft extends from the adit or 300-foot level to a depth of 980 feet and is filled with water to the 600 level. Dewatering is expected to take two or three months.

Taken from MINING WORLD, March, 1962, p 47

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill

Date Feb. 14, 1962

District Mammoth District, Pinal County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from R. A. (Bob) Burney & personal visit

References Report of Sept. 28--Oct. 11, 1961 and June 14, 1961

Present Milling Activity Milling the ore from the Childs-Aldwinkle Mine. 3 men working, 2 shifts, 5 days per week. Lee Miller is mill foreman. Mill is now operated on two shifts, and milling about 25 tons of ore per day.

Marketing The <sup>copper</sup> concentrates are hauled to the A. S. & R. smelter by truck, except that 2 tons of same were trucked to the Inspiration smelter at Miami. The molybdenum concentrates are shipped to Fred H. Lenway, 100 California St., San Francisco, Calif. Mr. Burney reports that 2 shipments have been made to that company, one being 2,618 # and the other 1,758 #. The copper concentrates are reported to run about 43 % copper, with 8 oz. silver and 0.11 oz. gold. The molybdenum concentrates run from 80 to 82 % in molybdenum with 0.57 % copper.

Proposed Loan Mr. Burney reports that the company is considering applying for an SBA loan, the money loaned to be used for the following:

- (a) Dewatering and repairing the Childs-Aldwinkle shaft
- (b) Cleaning out the old drifts at the Childs-Aldwinkle
- (c) Installing pipes, track, and purchase of a mucking machine.
- (d) Installation of 3 molly flotation cells at the mill.
- (e) Installation of a jaw crusher at the mill (to crush to minus 1 ")
- (f) installation of a secondary cone crusher (to crush to minus 1/4 ")

Mill Capacity Mr. Burney states, that at the present time, the mill is capable of producing only about 42 tons of concentrates per 24 hours. After the additional equipment is installed (flotation cells, jaw crusher and cone crusher), he expects that the mill capacity will be increased to 55 to 60 tons per 24 hrs.

Present Mill Equipment & Flow Sheet

See report of Sept. 28 - Oct. 11, 1961

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill

Date Sept. 28, 1961 & Oct. 11, 1961

District Mammoth District, Pinal County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from R. A. (Bob) Burney & personal visit.

References Report of June 14, 1961.

Present Milling Activity Milling ore from the Childs-Aldwinkle Mine. 8 men working. Mill is operated 3 shifts, 5 days per week. R. A. (Bob) Burney, Superintendent. Lee Miller, Mill Foreman. Now milling from 40 to 44 tons of ore per day (3 shifts). Operators finished mill construction about Aug. 1, and experimental runs were made in the period from Aug. 7 to Aug. 28, operating on one shift. On Aug. 28, the mill went on 2 shifts and about 30 tons of ore per day were milled, producing from 1.5 to 2.0 tons of concentrates. On Oct. 11, the mill went on 3 shifts, and operators ~~expect~~ expect to mill from 40 to 50 tons of ore per day, obtaining 2.25 to 3.00 tons of concentrates.

Marketing The concentrates are hauled to the A. S. & R. smelter by truck, except for the molybdenum concentrates, which will be shipped to a broker in San Francisco. About 700 lbs. of moly concentrates have been obtained to date, and a 1,000 lb. shipment will be made soon. 32 tons of concentrates were trucked to Hayden, which averaged 48.25 % in copper, 8 oz. silver, and 0.11 oz gold. Mr. Burney states that the moly concentrates assay 84.6 % molybdenum.

Mill Equipment The mill is a 60 ton selective flotation mill, with a molybdenum circuit. Mill consists principally of the following: Primary crusher, secondary crusher, ball mill, classifier, 6 flotation cells (roughers), 6 flotation cells (finishers), 3 flotation cells (Moly clean-up), and a drier, besides the necessary ore bins and conveyor belts.

The ore trucks from the mine dumps into a 65 ton crude ore bin. From this ore bin, the ore is fed into a vibrating screen, and then goes into a jaw crusher, and is crushed to minus 1 1/2 in. From there it is passed to a Cedar Rapids Jaw Crusher, where it is crushed to minus 1/2 in. The minus 1/2 in. product is transported by a conveyor belt to a 40 ton fine ore bin. From the fine ore bin, the ore is fed into a 50 ton Hardinge ball mill, the product from the ball mill going into a Dorr Rake Classifier. The product from the classifier then goes into 6 flotation cells (Denver Sub A), the first 2 cells floating out the molybdenum. The molybdenum product from these cells then goes into 3 flotation cells (Moly clean-up cells), and the copper product goes to another set of 6 cells (finishers). The copper concentrates from this second set of 6 cells is fed into a vat, from where it is passed through a dryer. The Moly concentrates from the 3 clean-up cells are discharged into a vat, and then to a storage bin, but is not sent through the dryer.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Burney Mill

Date June 14, 1961

District Mammoth District, Pinal County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information from R. A. (Bob) Burney and personal visit.

Location: About 1/2 mile west of New Mammoth. From Mammoth, drive north to New Mammoth. Turn left at the first street north of Sierra Vista Motel, and drive west for 1/2 mile to the mill. The mill is located on a 10 acre tract next to the railway R/W and near the railroad bridge over Tucson Wash.

Owners & Operators: D.M.B.D. Mining Co., Inc., P.O. Box 364, Oracle, Ariz.

Owners of the company are: R. A. (Bob) Burney, Box 364, Oracle - President  
John Dockey, Vice President  
Barry DeRose, 102 S. Broad St., Globe, Secretary  
Lee Miller, Treas.

Principal Minerals: Copper & Molybdenum from the Childs-Aldwinkle Mine.

Present Activity: Construction of a 60 ton selective flotation mill with a molybdenum circuit. 6 men working.

Mill Equipment: The mill consists of a 50 ton crude ore bin, 3/4" vibrating screen, 12" x 14" jaw crusher, conveyor belt, set of rolls, 40 ton fine ore bin, feeder, Hardinge conical ball mill, single rake classifier, 6 flotation cells for bulk concentrate, 6 flotation cells for molybdenum, and filters. The old mill at Burney Mines in Canon del Oro was dismantled, and a considerable amount of the milling equipment from the old mill was salvaged and rebuilt at the new site.

Water for milling operations will be purchased from the City of Mammoth. A water storage tank will be built on top of the hill above the mill.

Mill is expected to be ready for operation shortly after July 1, 1961.

Marketing: The copper concentrates will be shipped to the A.S. & R. smelter at Hayden.

No definite plans have been made for the sale of the molybdenum concentrates to date.

*Oct 10 - 10-1961*

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Burney Mines

Date June 25, 1964

District Canada del Oro District, Pinal County

Engineer Axel L. Johnson

Subject: Field Engineers Report. Information R.A. (Bob) Burney

Location: In Canyon Del Oro. Approximately Sec. 22 - T. 10 S. - R. 15 E. (Unsurveyed)  
in Coronado National Forest.

Number of Claims: 32 unpatented claims

Owners: 25 unpatented claims owned by Burney Mines, Inc.  
7 unpatented claims owned by R.A. (Bob) Burney, P.O. Box 364, Oracle.

Active Mine List Oct. 1966 - 2 men working

Active Mine List April 1967 - 2 men

Active Mine List Oct. 1967 - 2 men

ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

~~December 10, 1957~~

January 30, 1958

To the Owner or Operator of the Arizona Mining Property named below:

BIRTHDAY

(Property)

GOLD SILVER MOLYBDENUM & WOLFUNITE

(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

6-26-39

Pogue, Chas. H.  
 Box 7  
 Oracle, Arizona 735 N. Stone Ave.  
 Tucson, Arizona

See MB-D - BIRTHDAY MINE, Pinal Co.  
 Re - Owners Mine Report

NAME OF MINE: CANADIAN DELORO<sup>+</sup>  
 OWNER: CANADA DEL ORO COUNTY: Pima  
 DISTRICT: METALS: W

OPERATOR AND ADDRESS

MINE STATUS

Date:	Operator and Address	Date:	Mine Status
6/45	James McAvoy, Oracle	6/45	Developing
		2/47	Idle

**PROSPECTUS OF BURNEY MINES, Inc.**

P. O. Box 2568

**TUCSON, ARIZONA**

INCORPORATED UNDER STATE LAWS

OF ARIZONA

Decision No. 21004

Investment Company Docket No. Inv. 3134

Burney Mines, Inc., formerly operated under the name of Canyon Del Oro Mines, is located in the Old Hat Mining District, Pinal County, Arizona, about twelve miles in an Easterly direction from Oracle Junction.

The property consists of 26 mining claims, of twenty acres each, located, held and worked continuously since date of location, four years ago, by the present company management.

Lead, Silver, Zinc, Copper and Gold ores have been mined and shipped since roads were completed to the property three and one half years ago.

Since date of location, 2,750 feet of development work have been done and four separate mines are now in the producing stage, namely, as follows:

1. Lead Reef Mine
2. Copper Rose Mine
3. Birthday Mine (mine)
4. Stove Lid Mine

The total tonnage from these four workings adds up to 2,454 tons, with the net smelter returns of \$44,096.00, all of which has been put back into development of the property.

There is now a complete 50 ton Flotation Mill, electrically equipped and ready to operate, on the ground. Mill tests with very satisfactory results have been made from three of the above named mines, and two cars of concentrates have been shipped to the Smelter.

Burney Mines, Inc. was organized as a corporation March, 1951, under the laws of the State of Arizona, with an authorized capital stock of \$600,000.00; six thousand shares, par value \$100.00 per share. Officials of the Company are as follows:

Pres. & Gen. Mgr.	R. A. Burney Tucson, Ariz.
Vice Pres.	Howard Gentry Tucson, Ariz.
Secy. - Treas.	Lilla Burney Tucson, Ariz.
Consulting Eng.	James M. Hill, Reg. Geol. Tucson, Ariz.
Attorney for Corp.	Fred W. Fickett Tucson, Ariz.

On the 2nd day of April, 1951, the Arizona

January the 1. th

Chas Dunning

FEB 3 1947

Dear Sir I am the owner  
of some mining property  
and there has been abo  
ut 40 thousand Dollars  
spent on it in the last  
forty years and of  
it is composed of  
Tunnels and Crosscut  
s and none of the old  
workings has ever  
produced there is <sup>a</sup> fault  
here and there never has  
been any work done  
on it I located the  
ore there with a miner  
al Rod and I get a  
good attraction of  
gold in three places

I have had a man interested in doing some development work but all health prevented him from doing so so I would like to know if you could get some one interested in this property on a commission basis or otherwise  
There is quite a little activity going on around here at present more so than has been for a long time one outfit with a bulldozer they are working on a lead prospect yours  
faithfully me away

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 5/18/45  
 Name of Mine: Canada Hill Pros  
 Owner or Operator: James McLaughlin  
 Address: Oracle, Arizona  
 Mine Location: Big Hat Mining dist.

**Filing Information**

File System: \_\_\_\_\_  
 File No.: \_\_\_\_\_  
 This chart to be used for gallons of gasoline required per month.

**PRESENT OPERATIONS:** (check X)

Production: \_\_\_\_\_; Development: ; Financing: \_\_\_\_\_; Sale of mine: \_\_\_\_\_;  
 Experimental (sampling): \_\_\_\_\_; Owner's occasional trip: \_\_\_\_\_;  
 Other (specify): \_\_\_\_\_

**PRODUCTION: Past and Future.**

**Tons**

Approx. tons last 3 months: \_\_\_\_\_  
 Approx. present rate per 3 months: \_\_\_\_\_  
 Anticipated rate next 3 months: \_\_\_\_\_  
 If in distant future check (X) here: \_\_\_\_\_

**EQUIPMENT OPERATED:**

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1929 Chev.	960	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals.

Iron pyrites

**REMARKS:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By: \_\_\_\_\_

*Canadian Delors*

February 4, 1947

Mr. J. McAvoy  
Oracle, Arizona

Dear Mr. McAvoy:

We have your letter of January 19 regarding property located near Oracle.

At the present I know of no one in particular who would be interested in this type of property, but we are continually receiving inquiries regarding mining properties and will keep your letter on file to show to anyone desiring this type of operation.

We are enclosing a copy of our Mine Owner's Report and feel that it would help your cause to fill it in and return to us at your earliest convenience.

I expect to be in the vicinity of Oracle March 24 and you will be able to contact me through Mr. William Reynolds at Mammoth.

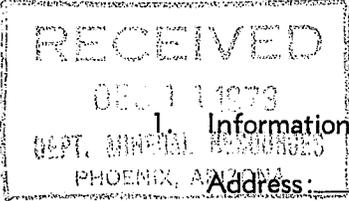
Yours very truly,

Roger I. C. Manning  
Field Engineer

RICM:LP  
Enc.

**A** **MINERAL DEPARTMENT OF MINER RESOURCES**  
**Mineral Building, Fairgrounds**  
**Phoenix, Arizona**

T  
K



1. Information from: Mr DOYLE BARTIS, WATCHMAN AT PROPERTY  
 Address: \_\_\_\_\_

2. Mine: BURNEY MINES 3. No. of Claims - Patented \_\_\_\_\_  
 Unpatented \_\_\_\_\_

4. Location: Canada del Oro Wash Canada del Oro

5. Sec. 15/16, 22 Tp. 10S Range 15E 6. Mining District: (Old Nat Mining Dist.)

7. Owner: MR. ROBERT BURNEY (PHONE: 327-3706)

8. Address: 1414 E WAVERLY ST., TUCSON, ARIZ.

9. Operating Co.: \_\_\_\_\_

10. Address: \_\_\_\_\_

11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_

13. Principal Metals: Lead, Silver, Zinc, Cu, Au 14. No. Employed: \_\_\_\_\_

15. Mill, Type & Capacity: \_\_\_\_\_

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

17. New Work Planned: None. They hope to get an exploration agreement with some mining company. Company is in general area and likely have looked at Burney property.

18. Misc. Notes: A Canadian outfit had a lease a year or so ago and did about \$250,000 worth of drilling, according to Bartis.

No activity on property. Area is dotted with prospect pits, tunnels, and workings all over the hills. Sulfides appear near surface in this area where erosion has been active. Topography is steep foothills to Catalina mtns.

Date: 12/10/73

RE Lehner  
 (Signature) (Field Engineer)

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine BIRTHDAY MINE Date SEPTEMBER 29, 1966  
District CANADA DEL ORO Engineer G. W. Irvin  
Subject: Visit to mine by Engineer, information from Mr. R. A. Burney P. O. Box 364 Oracle, Arizona.  
REFERENCES: See report on Burney Mines, Jan. 28, 1966 or 4/6/65

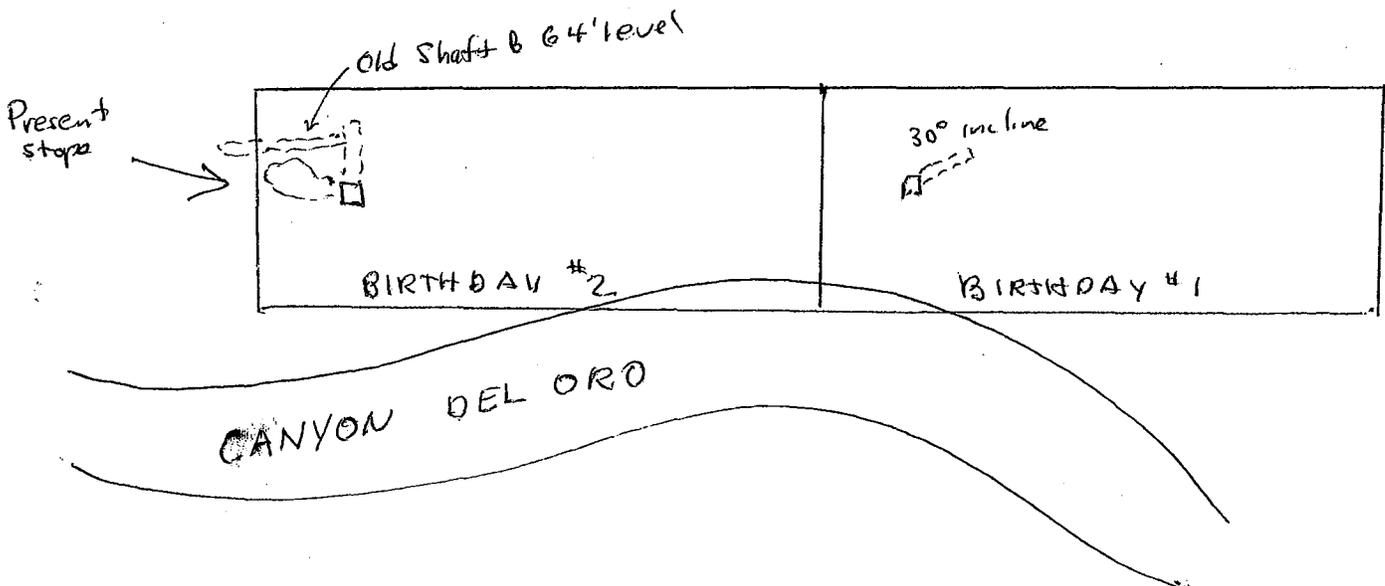
LOCATION In Pinal County, as land has not been surveyed the location is only approximate. Probably sections 22 or 23, T10S-R15E This is in the bottom of Canyon del Oro#.

NUMBER OF CLAIMS According to Mr. Burney there are 26 unpatented claims, of interest to the above operation two claims, the Ampitheater numbers one and two.

PRESENT WORKINGS On the Number two claim the Mammoth St. Anthony Mining Co. sunk an inclined shaft at 48 degrees to a depth of 84'. From the 64' level they drifted 80' west, and drilled several long holes. According to Joe Strutzel the results of the drilling was disappointing. According to Mr. Burney only one long hole was drilled. On the number one claim, Mr. Burney sunk a 72' shaft on a 30 degree incline and later on Mr. McGee of little Hill Mines tried to open pit the area without success. Mr. Burney is working in a small stope just west of the old Mammoth St. Anthony Shaft.

PLANS

Mr. Burney hopes to ship some high-grade ore, at the time of the visit it looked like he had 15 tons of high-grade ore broken. Mr. Burney says that it should run 48 oz Ag., 28% Pb., 4 to 8% Cu and \$3.60 in Gold. This was the value of a shipment from the 30 degree incline shaft.



MB-9

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date: 6-26-1939.

MINE: BIRTHDAY MINE

District: Old Hat Mining District,  
Pinal County, Arizona

Location: On south bank or ridge of  
Canada del Oro, about 300' above the  
bridge and about 1 mi. below Forest fence.

Former Name:

Owner: Chris Minderman and Chas. H.

Address: Bod 7, Oracle, Arizona.

Pogue

Operator:

Address:

President:

Gen. Mgr:

Mine Supt:

Mill Supt:

Principal Metals: Gold, Silver,  
Molybdenum & Wolfunite.

Men Employed:

Production Rate:

Mill \* Type & Cap:

Power - Amt. & Type:

Operations - Present: Developing ore body and getting out ore.

Operations Planned: Further development.

Number of Claims, Title, etc: 3 claims unpatented - side by side - not in  
U. S. Forest.

Description - Topog. & Geog: Rough and mountainous.

Mine Workings - Amt & Condition: 3 tunnels - 50', 25' and 10'.

Geology & Mineralization: Faulted vein system, creating spur veins of quartz and massive lenses of oxidized quartzite carrying free gold and molybdates in the fractures. Heavily mineralized vein or lode over 6' thick.

Ore - Positive & Probable, Ore Dumps, Tailings: 4 carloads of shipping ore on dump - average of assays shows values up to \$16.00.

Mine, Mill Equipment & Flow Sheet: None.

Road Conditions, Route: Road fair to good. From State Highway 87, about 7½ miles from Oracle Junction, turn right to Copper Hill Canyon, down canyon to Canyon del Oro, up Canyon del Oro about 2½ miles.

Water Supply: Undeveloped - Canada del Oro.

Brief History:

Special Problems, Reports Field: Development of Water - Road.

Remarks: None.

If property for sale - Price, Terms and address to negotiate: Price and terms open to negotiation.

Signed: (Signed) C. H. MINDERMAN  
Oracle, Arizona

0e

MTB-9

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date 6-26-39

Mine Birth Day

District Old Hat

Former name

Owner Chris Minderman

Operator Chas H. Pogue

President

Mine Supt.

Principal Metals Gold, Silver, & Molybdenum & Wolframite

Production Rate

Power: Amt. & Type

Operations: Present

Developing ore body and getting out ore

Operations Planned

further development

Number Claims, Title, etc.

3 claims unpatented - side by side  
not in U.S. Forest.

Description: Topog. & Geog.

Rough & mountainous

Mine Workings: Amt. & Condition

3 tunnels - 50', 25', & 10'

Geology & Mineralization

Heavily mineralized vein or lode over  
6' thick

Ore: Positive & Probable, Ore Dumps, Tailings

4 carloads on dump, of shipping ore  
av. of assays show values up to \$16.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route

thru Cañada del Oro - from Arach - Arach  
junction highway

Water Supply

undeveloped - Cañada del Oro

Brief History

Special Problems, Reports Filed

Road

Remarks

If property for sale: Price, terms and address to negotiate.

For sale or lease - see owner

Signed.....

*John Henderson*

Use additional sheets if necessary.