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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 11/21/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ASH PEAK

ALTERNATE NAMES:
- PATENTED CLAIMS MS 3076A
- HARDY
- LONE CAMP
- HELL FILE
- COUGAR
- FRAN
- GRAND DUC
- CROW
- POSPOHOLA AND DANKWORTH
- ARTHUR MURPHY
- PARADISE & SPW CLAIMS
- RIBBLE AND DANIELS
- BLACK BEAUTY

GREENLEE COUNTY MILS NUMBER: 70

LOCATION: TOWNSHIP 8 S RANGE 30 E SECTION 3 QUARTER SE
LATITUDE: N 32DEG 45MIN 49SEC LONGITUDE: W 109DEG 15MIN 27SEC
TOPO MAP NAME: GUTHRIE - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- SILVER
- MANGANESE
- SILICON SMELTER FLUX
- GOLD
- COPPER

BIBLIOGRAPHY:
- BLM MINING DISTRICT SHEET 851
- PAT. CLAIMS EXTEND INTO SEC. 10 & 21, 11
- USGS MINERAL RESOUCES OF THE US 1922, PART 1, P. 506, 1907, PART 1, P. 168
- ADMMR ASH PEAK MINE FILE
- ADMMR ASH PEAK TAILING DUMP AND MILL FILE
- MAPS - UPSTAIRS ROLLED IN BOXES
- ADMMR "U" FILE

CONTINUED ON NEXT PAGE

FARNHAM, STEWART & DELONG, MANGANESE DEPTS. OF EASTERN AZ. USBM IC 7990, 1961, P. 106
ADMMR U FILE
RAND, L.H., & STURGIS, THE MINE HANDBOOK, VOL. XVIII, 1931, P. 263
RECORD OF MINING COMPANIES STATE MINE INSPECTORS OFFICE 1947-1958
ADMMR ASH PEAK MINE COLVO FILE
USGS MAP I-1310-B, MINERAL DEPOSIT MAP OF THE SILVER CITY 1 X 2 QUADRANGLE, NEW MEXICO & AZ, RICHTER AND LAWARENCE, 1983, P. 5

ASH PEAK MINE GREENLEE COUNTY

Ash Peak Silver mine being operated by E. E. Lewis Inc. Division of Beaver Mesa Uranium continued under development. The Commerce shaft was retimbered to the bottom or 500' level and exploration work is continuing from this shaft. No work has been done in the 800' Shamrock shaft. About 60 tpd of silver-silica ore comes from an open pit on the vein to the south and east of the Commerce shaft. The waste material above the hanging-wall of the vein has been removed down to 60 or more feet, and the vein is being mined, with the broken ore falling to the bottom of the pit and being loaded into a truck with a rubber-tired loader. The ore is then trucked to Clifton where it is loaded into Phelps-Dodge gondolas to be tramed to the smelter. GWI QR 3-1969

Active Mine List April 1969 - 6 men

Mr. W. C. Kinnon of Property Valuation Dept. states re Ash Peak Mine - that the land is owned by Arizona Title and Trust Co. That the section, township and range are Sec. 10, 11, T8S, R30E. Two parcels of land one 9 acres - contains two millsites - one 70.5 acres containing claims: Commerce, Summit, Homestead and Great Eastern. May 9, 1969

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

1. Information from: John F. Peeso Mgr. and Glen A. Smith Foreman.

   Address: Route 1, Box 15A Safford 85546

2. Mine: Ash Peak 3. No. of Claims - Patented 3

   Unpatented 2 millsites

4. Location: Ash Peak Dist. Greenlee County on Highway from Safford to Duncan.

5. Sec 2-3-10-11 Tp 8S Range 30E 6. Mining District Ash Peak

7. Owner:

8. Address:

9. Operating Co.: E. E. Lewis , P. O. Box 1481 Grand Junctiom, Colo. 81501 Inc.

10. Address:

11. President: E. E. Lewis 12. Gen. Mgr.: John F. Peeso

13. Principal Metals: Silver 14. No. Employed: 6

15. Mill, Type & Capacity: none

16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
    (d) Production ☒ (e) Rate 60 tpd tpd.

17. New Work Planned: Exploartion on lower levels.

18. Miscl. Notes: Commerce shaft has been retimbered to the bottom. Exploration will proceed from here. The hanging wall side of the vein south and east of the Commerce shaft has been opened down to a depth of about 50' for several feet along the strike. Present production from this area. Ore being shipped to Phelps Dodge #### Corp. smelter in Morenci.

Date: 2-5-69

G W Jones
(Signature) (Field Engineer)

ASH PEAK MINE GREENLEE COUNTY

Ash Peak Operations are shut down at present. This is a temporary situation.
GWI WR 5-14-66

Visited Ash Peak Tailings operation of the Gilbert Construction Co. Not operating at present. Have not been able to find out if the shut down is permanent or transitory.
GWI WR 10-8-66

Mr. E. Lewis of Grand Junction, Colorado was in office and states this is his property.
4-18-68

Ash Peak Silver Mines reported operations by "Lewis, Inc." of Grand Junction, Colorado. No one around - some equipment moved in. GWI WR 3-30-68

Lewis, Inc. of Grand Junction, Colorado have taken over the Ash Peak Silver mine and are reported to be planning limited production of siliceous silver flux ore. GWI QR 4-1968

Lewis Inc., has ladders in the shaft and are sampling Ash Peak Mine - 4 men employed.
GWI WR 5-25-68

Lewis Inc. is working at the Ash Peak Silver Mine, and are working on a deal to ship to Morenci. GWI QR 6-1968

Active Mine List Oct. 1968 - 5 men - silica

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

1. Information from: Glen A. Smith foreman.
   Address: Route 1, Box 15A Safford.
2. Mine: Ash Peak
3. No. of Claims - Patented 5
   Unpatented
4. Location: Ash Peak Dist. Greenlee County
5. Sec 2,3,10,11 Tp 8S Range 30E
6. Mining District Ash Peak
7. Owner:
8. Address:
9. Operating Co: E.E. Lewis Inc. of Grand Junction a ~~subsidiary of Beaver Mesa Uranium Inc.~~
10. Address: 803 Winters, P. O. Box 1481 Grand Junction, Colo. 81501
11. President: E. E. Lewis
12. Gen. Mgr.: John F. Peeso
13. Principal Metals: Silver
14. No. Employed: 6
15. Mill, Type & Capacity: none exploration
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
    (d) Production ☐ (e) Rate _____ tpd.
17. New Work Planned: The Commerce shaft has been retimbered the 500' to the bottom, opening up of drifts will be done. A 200T sample from the vein that has been opened up south of the Commerce shaft along the strike to a depth of 50' will be shipped to Morenci.
18. Miscl. Notes: If sufficient ore of suitable grade can be developed, it is expected that it will be shipped to Morenci for flux.

Date: 12-4-68

G. W. Irvin
(Signature) (Field Engineer)

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

1. Information from: E. E. LEWIS

   Address: Grand Junction Colorado

2. Mine: ~~ASH PEAK~~ 3. No. of Claims - Patented 3

   Unpatented 2 Pat Millsites.

4. Location: Section 3 T8S R30E Greenlee County

5. Sec____ Tp____ Range____ 6. Mining District ASH PEAK

7. Owner:

8. Address:

9. Operating Co.: E. E. LEWIS INC. Subsidiary of Beaver Mesa Uranium Inc.

10. Address: Grand Junction Colorado.

11. President: E. E. Lewis 12. Gen. Mgr.: John F. Peeso

13. Principal Metals: Silver 14. No. Employed: 4

15. Mill, Type & Capacity:

16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
    (d) Production ☐ (e) Rate____tpd.

17. New Work Planned: New Steel headframe, and will retimber shaft, SE Shaft. probably down to 160' open up drift s and take samples.

18. Miscl. Notes: Have opened up the vein with a Dozer, and sampled same. will probably do a little drilling.

Date: 6-5-68

G. W. Irvin
(Signature) (Field Engineer)

ASH PEAK MINE GREENLEE COUNTY

Ash Peak Mine about to be leased by a James McBee and James Malloy. Want to sell 300,000 tons tailings for flux to P.D. May run as high as $4 per ton in Ag. GWI 11-16-65

Mine visit to Ash Peak Mine - seems to have been a little bulldozer activity on the area nearest to the highway. GWI WR 2-5-66

Mine visit - Gilbert Construction Company Silica operations - Today they expect to start hauling 4000 tons a month of mill tailing from the Ash Peak Silver mine. (3 oz. Ag/ton) GWI WR 3-5-66

Mine visit to Ash Peak Silver Mine - no one at mine but loader was parked and tailings were being hauled. GWI WR 4-9-66

Active Mine List April 1966 - A. J. Gilbert, 304 E. Vista, Warren

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Ash Peak Silver

Date 6/7/66

District Ash Peak

Engineer G. W. Irvin

Subject: Ash Peak Tailings.

A. J. Gilbert Construction Company shipping tailings to Douglas for Phelps-Dodge Smelter.

Present shipping rate not known, as no one was found at the operations.

From, PD Morenci Branhh the following:

The tailings are supposed to run as follows, this is from some deep cut samples done by PD.

Silver---------- 2.8 oz

Gold----------0.01 oz

Copper---------- 0.08 %

Silica--------- 84 to 88%

67% of material will pass thru a 200 mesh screen.

Mine Visit - Ash Peak Silver - no one around - but four RR cars loaded for shipment at Duncan yard.

GWI WR 6/5/66

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Ash Peak Mine Date Oct. 6, 1954.

District Ash Peak District --- Greenlee Co. Engineer Axel L. Johnson

Subject: Present Status ------ from various reports.

Location Near Ash Peak ----about 9 miles west of Duncan, and about 1/2 miles south of Highway 70.

Metals Mined Silver and Silica Flux.

Present Status Mine is reported to have closed down about July 1, 1954.
Reason for closing ----exhaustion of ore reserves.

NEW YORK OFFICE
25 BROADWAY

RAILROAD STATION
MIAMI, ARIZONA

INTERNATIONAL SMELTING AND REFINING COMPANY

INSPIRATION, ARIZONA

FILE NO. 101
July 16, 1953

MEMORANDUM - ASH PEAK MINE

The Shamrock shaft is in the so-called No. 2 vein, and is open to approximately 780'. Old operations took place on the No. 2 vein and the No. 1 vein, No. 1 being 15' on the footwall side of No. 2. No operations have been carried on on the No. 1 vein by the present lessees. Operations of the present lessees took place on the No. 2 vein at the beginning of operations at the Shamrock shaft. A few years ago they discovered the No. 3 vein, never formerly recognized nor worked, and that vein has been the producing vein since 1948. Below the 350' level only the No. 2 and No. 3 veins are recognized, operations of the lessee since 1948 having been carried on exclusively on the No. 3 vein below the 300' level, using parallel open workings on the No. 2 vein for access where feasible.

No. 3 vein cut off at about 150' east of the shaft, on the 400' level, and at the shaft on the 600' level. West of the shaft it was stoped to a fault zone which was 150' west of the shaft at the 300' level and 500 west of the shaft on the 550' level. Cross-drilling from a drift on the No. 2 vein, for a distance of 750' from the shaft on the 600' level has shown only marginal ore occurrence on the west No. 3 vein beyond the fault zone.

No. 3 vein lies 25' to 30' away from No. 2 vein on the hanging-wall side, and is reached by cross-cuts from the shaft or from drifts on the No. 2 vein. The only ore remaining for profitable extraction is 6000 - 10000 tons from drift backs and floors, leaving vertical pillars intact. Such removal destroys access to the end of development on the No. 3 vein, all of which ended on sub-marginal ore. Since parallel openings exist on the No. 2 vein to a much greater distance on each side of the shaft than any of the No. 3 workings, destruction of the levels on No. 3 vein is of small consequence.

Operations of the present lessee started in July, 1941, at the Commerce shaft. Operations at the Commerce were suspended in 1947, due to lack of ore, and activity transferred to the Shamrock shaft. Shipments from the Commerce totalled 75,368 tons, containing 571,024 ounces of silver and 2,499 ounces of gold.

To July 1st, 1953, shipments from the Shamrock totalled 88,662 tons, containing 890,242 ounces of silver and 3,311 ounces of gold. In the aggregate the lessee has produced 164,030 tons of ore at an average grade of 8.91 ounces silver and 0.0354 ounces gold per ton.

Long-hole drill sampling, and exploration, has failed to discover ore of commercial grade for further exploitation, and only the ore from drift floors and backs is now available for recovery.

The tailings may be of interest for smelter flux. They are on ground which was located as loade claims by Joe Hardy. Mr. Murphy later located the tailings as a placer claim, and the tailings became the subject of suit which, I believe was never settled, due to the decease of both litigants. The Hardy lode claims later fell open, and were located by our representative. That representative has filed affidavits in regard to work done on the Ash Peak patented claims, and claimed as assessment work on the Ash Peak un-patented claims (including the placer claims covering the tailings). The validity of the claims of assessment work done for the benefit of the placer claims may be considered doubtful, and I suggest that, with the advice of Mr. Shimmel, it may be desirable for us to make a new placer location on the tailings if we make an agreement to use them.

We believe that there are 100,000 tons of tailings available, at an average value of $3.00 per ton. Trucking 28 miles to Solomon, and rail freight to Miami will cost more than that, so all that can be said for the use of tailings is that they might cost less than some other desirable fluxes. We arrived at the $0.10 per ton proposed payment as a logical development from the royalty on ore. That royalty is 7 1/2% down to $10.00 value and 5% below $10.00. A reasonable royalty on tailings, on which we know there is no profit possible, would seem to be 3%.

H. EØARD
Superintendent

HF:b

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

~~FIELD ENGINEER'S REPORT~~

NEW ITEM

Mine Ash Peak Mine

Date Dec. 11, 1951.

District Ash Peak District, Greenlee County.

Engineer Axel L. Johnson

Subject: News Item--- Source of Information--- Les Billingsly, Duncan, Ariz.

Location Near Ash Peak--- about 9 miles west of Duncan, and about 1 /2 miles south of Highway 70.

Owner Howard Mottier

Operator Howard Mottier

Officers Howard Mottier, Superintendent

Metals Mined Silver and Silica Flux.

Men Employed 20 men---- 10 on day shift, 7 on 2nd shift, and 3 on 3rd shift.

Production Rate Shipping about 40 carloads per month--- about 60 tons per day.

Marketing Facilities Shipping ore to International Smelting Co. at Miami, Ariz. The ore is used for flux.

Ore Values The silica ore mined runs from $6 to $10 per ton in silver values.

Workings The ore is mined through a 60 degree inclined shaft. This shaft is now down to the 600 ft. level.

NAME OF MINE: ASH PEAK (14 mi. West Duncan)

COUNTY: GREENLEE E

DISTRICT:

METALS: AU, AG, FLUX

OWNER: Arthur Murphy, estate ~~Box 505,~~ Phoenix

OPERATOR AND ADDRESS:

MINE STATUS

DATE:		DATE:	
5/1/44	Dan Mayne, Howard Mottier Box 208, Duncan, Arizona	5/1/44	Shipping
		1/46	Idle
5/16/44	Dan Mayne deceased per Macfarlane = Address Mottier per Macfarlane		
		5/46	Developing
6/46	H. Mottier, Box 208, Duncan	6/46	Shipping

AFFIDAVIT OF LABOR PERFORMED
AND IMPROVEMENTS MADE

STATE OF ARIZONA,)
COUNTY OF GREENLEE) ss.

HOWARD MOTTIER, being first duly sworn, on oath deposes and says:

That he is a citizen of the United States, more than twenty-one years of age, and resides at the Ash Peak Mine, Greenlee County, Arizona, and is personally acquainted with the group of mining claims comprising what is known as the "Ash Peak Mine", located in the Ash Peak Mining District, Greenlee County, Arizona, and mor particularly described as follows:

> The patented lode mining claims, GREAT EASTERN, COMMERCE, FRACTION, SUMMIT and HOMESTEAD, and the patented millsite claims, COMMERCE and SUMMIT; the United States patent for which is recorded in the office of the County Recorder of Greenlee County, Arizona, in Book 1 of Patents, at pages 277 to 281, inclusive.
>
> Those certain unpatented lode and placer mining claims and millsites situated in said mining district, in Greenlee County, Arizona; the names of which, and the books and pages at which the location notices thereof are recorded in the office of the County Recorder of Greenlee County, Arizona, are as follows:

LODE CLAIMS

NAME OF CLAIM	Book	Page
ARION	6	53
BENDER	6	56
DEFENDER	6	55
ISABELLE	6	55
QUEEN	6	53-54
KING	6	54
TOM BOY	6	56
YANKEE	6	54-55

PLACER CLAIMS

SHAMROCK	5	323
SHAMROCK NO. 1	5	324
SHAMROCK NO. 2	5	324

MILLSITE CLAIMS

ARION	1	269
BENDER	1	268
DEFENDER	1	268
ISABELLE	1	267

(MILLSITE CLAIMS - Continued)

NAME OF CLAIM	Book	Page
QUEEN	1	269
KING	1	264
TOM BOY	1	267-268
YANKEE	1	267
HOMESTEAD	1	
GREAT EASTERN	1	266
FRACTION	1	265-266

That between July 1, 1952, and June 20, 1953, at least Fifteen Thousand Dollars ($15,000.00) worth of work and improvements were performed upon the above-described mining claims, for the purpose of preserving said mining claims as a group and actually benefit the above-described unpatented claims. Such work and improvements were performed and made by, and at the expense of, affiant, as Sublessee of International Smelting & Refining Company, a corporation, which corporation was and is Lessee of said claims fromthe owner, Phoenix Title and Trust Company, Trustee for the purpose of complying with the laws of the United States pertaining to annual assessment work; and

Raymond Davis
Earl Skinner
Otto Gale
Juan Mendez
Feliz Valles
Ike Ortega
Guillermo Ortega
Ray Schwanz and
James Burtch

were the men employed by affiant who labored upon said claims and performed the work and improvements, which consisted of the following:

> Reopening shaft from the 700 foot to the 800 foot level; repair and maintenance below collar of shaft; drifting and crosscutting 400 feet on the West 600 foot level and sublevel and the 500 foot level; 1500 feet of long-hole exploration drilling; maintenance of roads and surface improvements, for the use and benefit of the entire group; and work in connection with the mining and shipment of approximately 11,500 tons of ore during said period.

DATED this 29th day of June, 1953.

/s/ HOWARD MOTTIER
HOWARD MOTTIER

Subscribed and sworn to before me this 29th day of June, 1953.

(NOTARIAL SEAL)

HARRIET SWEETING
Notary Public.

My Commission Expires:

April 22, 1955

Recording Data

STATE OF ARIZONA, }
County of Greenlee } ss.

Recorder's Office:

I hereby certify that the within instrument was filed for record the 29th day of June 1953, at 1:00 o'clock P.M. and recorded in Book 3 of Proof of Labor at page 358.

(signed) MRS. DON C. MARSH
County Recorder

By _____
Deputy Recorder

LAW OFFICES
SHIMMEL, HILL & HILL
TITLE & TRUST BUILDING
PHOENIX, ARIZONA

BLAINE B. SHIMMEL
ROULAND W. HILL
GEORGE M. HILL
HARRY J. CAVANAGH
ROBERT R. STEWARD

AL 47196

July 11, 1953

International Smelting & Refining Company,
P. O. Box 1265,
Miami, Arizona

Attention: Mr. H. Foard, Superintendent,
and Mr. Howard Mottier

Gentlemen:

Phoenix Title & Trust Company, Trustee Under the Will of Arthur Murphy, Deceased, has employed Mr. Charles H. Dunning, Registered Mining Engineer, of Phoenix, Arizona, to examine the Ash Peak Mine and workings in Greenlee County, Arizona, and to make a report thereon. Will you please extend to him the opportunity to examine the property and the workings to such extent as he may desire. He will also want to examine the tailings deposit, which we have had under discussion.

Any courtesy you can extend to Mr. Dunning in this connection will be appreciated by the Trustee.

Yours very truly,

Blaine B. Shimmel

BLAINE B. SHIMMEL

Attorney for
Phoenix Title & Trust Company

BBS:AC

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine ASH PEAK MINE

Date July 6, 1942

District

Engineer Fred H. Perkins

Subject:

Ash Peak Mines, owned by Arthur Murphy, et al., is under lease to International Smelter of Miami. Subleasers and present operators are Dan Mayne and Howard Mottier, whose address is P. O. Box 206, Duncan, Arizona. This property is located 10 miles West of Duncan.

1941 - The present sub-leasors took over in July, 1941 and up to January 1942 mined approximately 9,000 tons of ore which was trucked 20 miles to Solomonville and then shipped by Southern Pacific Railroad about 100 miles to Miami Smelter.

An average of 16 men were employed during this period of operation.

1942 - During period January to July, approximately 7 months, have mined and shipped about 10,500 tons.

An average of 18 men have been employed during 1942 operations.

The property is now equipped with hoist and compressor, drills, etc., and is producing about 30 tons per month. The mining is through the Commerce Incline shaft, which is 500 ft. deep. All work is being done on drifts on 500 ft. level.

Gold and silver is product produced and because of the high silica content of the ore, is desirable to the smelter.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Ash Peak Mine — Date February 5, 1943

District Ash Peak Mining District — Engineer J. S. Coupal, Director

Subject: Economic Synopsis of Ash Peak Mine

This property is a silver mine, the ores containing about 1 ounce of gold for each 200 ounces of silver with no commercial amounts of copper, lead, zinc or other metal. It is now being operated, and for sometime has been operated, as a source of siliceous fluxing ore for use in copper smelters in southwestern Arizona.

At the present time the operation is being carried on by the International Smelter of Inspiration, Arizona, who find the flux necessary in their smelting operations. In fact, a cessession of shipments from this source would upset and severely hinder and handicap the present smelting operation. From the standpoint of profitable operation the gold-silver content of the ore during the past year, 1942, has failed to pay operating costs and operators have had to absorb a mine loss of about $30,000 for the year. The ore is of too low a grade to carry operating costs solely on the gold-silver content. On the other hand, the fact that the operation of the mine is established and a sufficient tonnage of ore available together with the inability of the smelter to obtain suitable flux which could be substituted for this ore supply from other properties, has necessitated this operation on the part of the smelter despite the operating loss.

If required to stand on its own feet and get operating expenses out of metal production, it is evident that the losses would be such that the mine could not operate and would have to cease production. The fact that the production of fluxing ore is necessary and the smelter find it better to take a loss on this operation rather than allow it to stop is the only reason for the continued operation of the mine.

The property value, therefore, is not dependent on ore reserves or potential tonnage but rather on the ability of an operator to absorb a material operating loss and obtain a supply of fluxing ore necessary for their copper operations.

There has been a determined effort on the part of certain groups in Washington to repeal the present silver legislation, which monetized silver, and allow silver to sell in the open market. If such effort is successful, the price of silver would drop from the present established payment to the producer of 71.11 cents per ounce to around 45 cents. In such an event the production from the Ash Peak Mine will cease and the property be abandoned.

The situation here is unusual. The mine is operated under a lease from the owner and the owner thus receives a certain cash return from the operation of the mine despite the fact that the mine shows an operating loss to the operators. If the attempted change is made in the status of silver, the mine will be unable to operate as the operating losses due to the lower price of silver would offset the value of ore as a flux or at least make the cost of this particular flux excessive.

J. S. Coupal.

J. S. Coupal, Director

Ash Peak Mine.

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If required to "stand on its own feet" and meet operating expenses out of metal production, it is evident that losses would be such that the mine could be operated, and would have to cease production. The fact that the flux production is nece ssay and the smelter finds it better to take a loss on the operation than allow it to stop is the only reason for its continuance.

It is likewise evident that a drastic change in the economy of silver is immenent. There are three bills, well backed before the present congress, aiming at the de-monitization of silver, with the likelihood if not a certainty that one or the other will become a law, or some modification of same. In such event production from the Ash Peak mine will cease, and the properties be forever abandoned.

The property value therefore is not dep ndent on ore reserves or potential tonnage, but rather on the ability of an operator to absorb a material operating loss and on political pressure by the so called "Silver Bloc" to perpetuate a situation which majority opinion in Congress is decid dly against.

The situation is unusual. A mine , showing some return to the owner, despite the fact that it represents an operating loss and an economic and political explosion immanent that will blast the metal off the economic map and the mine into oblivion.

SURVEY OF OPERATING MINES July 6, 1942

By: Fred H. Perkins ASH PEAK MINES

20

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Gold and silver is product produced and because of the high silica content of the ore, is desirable to the smelter.

ASH PEAK MINE, International Smelting Company, Lessees. Dan Mayne and Howard Mottier, Sub-lessees, Box 206, Duncan, Arizona.

In 1942 this property has been mining and shipping approximately 50 tons per day of highly silicious, low alumina, gold and silver ore to the International Smelting Company at Miami, Arizona. This property constitutes the major consistent producer of high grade fluxing material available for that smelter.

Development consists of a 1,000 foot shaft with laterals every 100 feet. Diamond drilling has extended to the 1,400 foot level and located ore below the present developed area. Arthur Murphy, owner, estimates 200,000 tons of potential ore within the present development limits. This is confirmed by various estimates of independent engineers.

from COPPER REPORT NO. 2, DECEMBER 23, 1942, by Earl F. Hastings, for COPPER BRANCH, WAR PRODUCTION BOARD.

A - 40

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date January 28, 1941

Mine Ash Peak Mine ✓

2. Location 12 miles West of Duncan, Arizona

Mining District & County Ash Peak Mining Dist.

Former name

Owner Ash Peak Mines Co. ✓

6. Address (Owner) Duncan, Arizona

Operator Arthur Murphy – Deceased ✓

8. Address (Operator)

President, Owning Co.

9A. President, Operating Co.

Gen. Mgr.

14. Principal Minerals Silver, and Gold ✓

Mine Supt.

15. Production Rate Not established

Mill Supt.

16. Mill: Type & Cap. None

Men Employed Ten

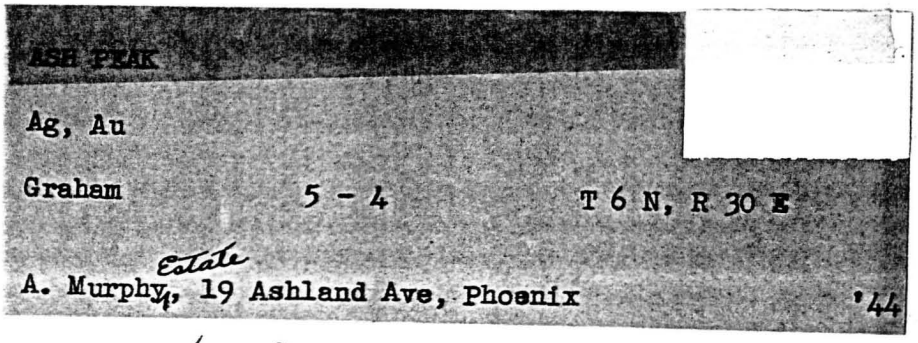
17. Power: Amt. & Type Gas

Operations: Present Mining

Operations: Planned Natural gas being installed for power.

Number Claims, Title, etc. 7 ~~un~~patented claims

Description: Topography & Geography



Mine Workings: Amt. & Condition

2 shafts, one ~~875~~ 1000 feet, one 500 feet with about 11,000 feet of drifts.

DEPARTMENT OF MINERAL RESOURCES

News Items

Date 6/7/39

Mine Ash Peak

Location 12 Mi. Northwest of Duncan

Owner Weta Mines, Inc.

Address Duncan

Operating Co. Same

Address

Pres.

Genl. Mgr.

Mine Supt. H. L. Lines

Mill Supt.

Principal Metals Silver, gold (small amount)

Men Employed 35 Underground

Production Rate 190 Tons per day

Mill, Type & Capacity Flotation

Power, Amt. & Type 4 Diesel Engines (Probably about 100 H.P. each)

Signed Kent Wolcott

(Over)

MA-40

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

This report by operator:
Veta Mines, Inc. ,507 Boston Bldg
Denver, Colorado

Date

1. Mine Ash Peak Mine Gridley Group
2. Mining District & County Ash Peak Mining Dist.
3. Former name Ash Peak Mining Company
4. Location 12 miles west of Duncan, Ariz.
5. Owner Arthur E. Murphy
6. Address (Owner) 19 Ashland Avenue Phoenix, Arizona
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Silver
14. Men Employed None
15. Production Rate 180 tons per day.
16. Mill: Type & Cap.
17. Power: Amt. & Type Diesel. 1000 h.p.
18. Operations: Present Mining and milling
19. Operations Planned No future development plans until price of silver justifies.
20. Number Claims, Title, etc. 7 patented claims
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition 2 shafts, one 975 feet, one 500 feet with about 4000 feet of drifts.

(over)

11 December 1940

Mr. Arthur Murphy,
Duncan,
Arizona.

My dear Mr. Murphy:

In the absence of Mr. J. S. Coupal, I am taking the liberty of acknowledging receipt of your letter of December 3.

I am sure that Mr. Coupal will appreciate the information on the Ash Peak Mine, and I shall call it to his attention at the first opportunity.

Yours very truly,

Jess R. Fickas
Secretary to Mr. Coupal

jrf

Ash Peak Mine.

Duncan, Dec. 3, 1940.

Mr. J. S. Goupal,
Minerals Resources,
Capital Bldg.
Phoenix.

Dear Sam:

Enclosed herewith a memo covering the "spots" of the situation here. As you know the property is entirely under my control and any equitable deal is possible. I want to get the Shamrock rehabilitated before it is too late, and the job is just a bit heavy for my financial resources.

You may have to rewrite and/or revamp the data in memo. However it is dependable and can be substantiated.

We can get in the Shamrock by entering thru the Commerce and plugging a mile or so underground. However it is not a hard climb, I have made it a number of times and I am no longer to be rated as an athletic paragon.

Hope you can find the dope you want here.

Truly yours,

Arthur Murphy

Ans

Memorandum.

Dec. 3, 1940.

J. S. Coupal,
Dept. of Min. Resources,
Capital Blg. Phoenix.

ASH PEAK MINE.

Location: On U.S. Highway 70, 11 miles west of Duncan and 30 miles east of Safford, Arizona.
Altitude - 4500 ft. Water plentiful and good. Camp useable.

Property: Principal claims patented, — title perfect, — majority ownership and control in hands of Arthur Murphy. Free from debt or obligations.

History. Property was first developed in 1900 and considerable ore shipped to smelters. In 1906 large scale development started and has been carried on ever since with few lapses. In 1908 property was leased to Veta Mines Co. and during the next 3 years nearly 200,000 tons of ore was mined and milled. The milling process, flotation, was not entirely adapted to the ore and a comparatively low recovery was made. This operation ceased in 1939. the lease was terminated and property reverted to present owner. For the past 6 months shipping to the International Smelter has been going on with satisfactory results.

Ore: The average of all ore milled and shipped by Veta Mines was $ 9.36 per ton. The ore subsequently shipped is fractionally lower, as it contained some wall dilution. The vein is large, being over 20 ft. wide and is continuous for 1½ miles. It is tapped and opened by a number of shafts of which the Commerce, Shamrock and Hardy are the deepest.

The Commerce shaft, is 500 ft. deep, has developed a number of thousands of tons of ore. Recent shipments h have been from this shaft.

The Shamrock shaft is 1,000 ft. deep, has levels at 100 ft. intervals; has produced 180,000 tons of ore, has about 200,000 tons of potential ore within the area of development and about 450,000 tons of probable ore above present bottom. The mine has been diamond drilled to 1400 ft. and large and comparatively high grade ore located by drilling.

The Hardy is at present under lease and shipping to International. It is 650 ft. deep and development in progress is highly satisfactory

Needs: This property needs some $ 40,000. to put it in shape for many years of continuous production.

1. The Shamrock shaft needs repairing, retimbering in part; a hoist, and to take over the present steel headframe and skip (not the property of owner).
2. To connect the Shamrock 700 ft. level with Hardy mine for transportation and ventilation. This job is about 1100 ft. of drifting and grading and should be in commercial ore not less than 60% of the distance. It could pay for itself in ore shipped.
3. Opening and re-opening the large commercial stopes on 500, 600, 700 and 800 levels in Shamrock mine; Opening stopes on 500 ft. level of Commerce Mine, and extending 400 east drift on Commerce mine. All of the stopes mentioned are at least 12 ft. in width and several hundred feet in length.
4. For lights and water distribution in camp. etc

Housing is not necessary here as the men prefer to live in Duncan and drive to work. It is about 25 minute drive.

No mill is needed at the property. Power will be required, but can be cheaply installed and operated.

With the mines shaped for production contracts with the smelters can be made that will take up to 150 tons per day. At this time we have a very satisfactory arrangement with the International smelter at Miami. The margin of operating profiy with firm smelting contracts is equal to that to be anticipated from any milling operation, and thus there is no necessity for a mill,- much of the power that would be required for same, and the water for milling. Hauling to the railroad is on the paved highway, and quite inexpensive.

Complete maps, records, data, etc. are available at the mine, and accessable to anyone qualifying as interested and responsible.

December 1, 1945

Mr. Charles G. Berls
Box 5
Duncan, Arizona

Dear Mr. Berls:

I have just returned from a week at Salt Lake and find your letter of the 21st.

Before leaving I received your sample of the tailings and turned it over to a laboratory for a preliminary test.

Instructions on this test were rigid and definite because it was desired to find what extraction could be made by following a certain process or procedure that would work out in practice to be inexpensive both in capital outlay and operating costs. No attempt was made to find a better way.

CHD:ES

The results of this test were as follows:

Heads:	Au	.01	Ag	3.20	)Solution samples
Tails:	Au	.003	Ag	1.71	)check fairly well

This gives an extracted value of about $1.25 per ton for a process that should not cost over 50 cents per ton for operating expense - and the initial outlay would not be great.

It is therefore interesting. But the nigger in the woodpile would be the water supply. It would require at least 200 tons of water per day and that at practically no expense. Your data indicates something less than half of that.

The thought of drilling more wells or going to the river for water would be out because of the initial expense. The thought of cutting the capacity to the water supply would be out because of the increased operating costs per ton.

EDGAR J. MARSTON
P. O. BOX 1063
COLORADO SPRINGS, COLORADO

November 21,1945

Mr. Charles H. Dunning, Director,
Department of Mineral Resources,
State of Arizona,
304 Home Builders Bldg.,
Phoenix, Arizona.

Dear Mr. Dunning:

With reference to your letter of November 19th please let me review for you the situation at Ash Peak as regards the water.

We drilled three wells and the three wells have a combined capacity of from 15 to 20 gallons of water per minute. This is based on our experience with the wells during the past summer which was a very dry one. Just what they could do in the event of a wet season is not known but the condition should be better than we found.

Each well has a separate pumping unit as described in our list of equipment. This list also shows the size of the tubing and rods. Our procedure has been to pump the water from wells number two and three into a sump at well number one; from this point all the water is pumped to a storage tank near the leaching plant by the equipment on well number one. The distance that the water is pumped is approximately 2000 feet against a 70 foot head. The size of water line is 2".

The sample of tailings was sent from Duncan by Railway Express on November 16th and I trust that you have it in your possession by now.

I was sorry to learn of the death of Mr. Murphy and as you say the real mining fraternity will miss him.

I will be at Duncan for the next several days at least and will be glad to hear furtner from you.

Very truly yours,

Charles L. Berls

(Charles L. Berls)

November 19, 1945

Mr. Charles G. Berls
Box 5
Duncan, Arizona

Dear Mr. Berls:

Thank you for your letter and phone call regarding the tailings pile.

The impression I gathered over the phone was that the shortage of water might be a serious drawback. The proposition has such narrow margins that one could not afford either expensive installation or operating costs for water. Will you please review that phase of the project again to me?

In the meantime I will await your sample and turn it over to my friends for a preliminary test.

You probably know by this time that Arthur Murphy died last night. I presume this would make little difference in any arrangements that might be made.

The real mining fraternity will miss Arthur.

Yours sincerely,

Chas. H. Dunning
Director

CHD:LP

EDGAR J. MARSTON
P. O. BOX 1063
COLORADO SPRINGS, COLORADO

November 14, 1945

Mr. Chas. H. Dunning, Director,
Department of Mineral Resources,
State of Arizona,
304 Home Builders Bldg.,
Phoenix, Arizona.

Dear Mr. Dunning;

Thank you for your letter of the 10th. I will contact Mr. Horton as you suggest.

Regarding the tailings sample- I will take a careful sample and forward it to you for further analysis. In the meantime the following is a short analysis of our findings-

85% of material will pass 200 mesh.
Gold content of heads .01 oz. or about 35 cents
Silver content of heads 3.10 oz. or about $ 2.17
Average dollar value of our heads $ 2.47 per ton.

The property is owned by Arthur Murphy of Phoenix. He made a lease to I.S. James, J.L. Anderson and R.Z. McKown in May of 1944 which called for a royalty of 10% of Mint returns and gave them a five year lease subject to renewal. The three mentioned above assigned their lease to Edgar J. Marston in July of 1944 on the basis of their each having a 13% interest in the NET PROFITS of the Marston operation. Profits to be figured after Marston had received his investment back out of the operations. Marston then purchased the McKown interest personally leaving 26% outstanding. Since that time we have of course discontinued the operation and under the terms of our agreement with James and Anderson we should reassign the lease to them. They are not in any position to do any work as far as I know and have indicated that they are willing for us to make a new agreement with some other operator if their interests are protected.

I know that Mr. Marston would be perfectly willing to assign his interest in the deal to some responsible operator and take back a small over-riding royalty- say between 5% and 10%. I further believe that Anderson and James might consider some reduction in their interest although I am not certain.

With these facts in mind it may or may not be of interest to your people. However, I am willing to come to Phoenix if you feel that a frank discussion of all parties would be helpful,

Very truly yours,

Charles G. Berls

Charles G. Berls

November 10, 1945

Mr. Charles G. Berls
Box 5
Duncan, Arizona

Dear Mr. Berls:

Thank you for sending in the list of equipment. We will pass the word around.

Mr. Horton of the Athletic Company is planning some construction and it might be well for you to contact him. Also, an ad in the Mining Journal might help.

In regard to the Ash Peak tailings I have some friends that are particularly interested in tailings. If you will send me a sample, as average as possible, and an outline of what kind of a deal might be made, I will see if it would interest these people.

Yours very truly,

Chas. H. Dunning
Director

CHD:LP

EDGAR J. MARSTON
P. O. BOX 1063
COLORADO SPRINGS, COLORADO

Box 5
Duncan, Arizona
November 6, 1945

Mr. Chas. H. Dunning, Director,
Department of Mineral Rssources,
State of Arizona,
304 Home Builders Building,
128 North 1st Avenue,
Phoenix, Arizona.

Dear Mr. Dunning:

In accordance with our coversation of this morning at the Simpson Hotel, I am enclosing a list of the principal items of equipment at the Ash Peak Tailings treatment plant near Duncan, Arizona.

In addition to these items there are the contents of the warehouse building consisting of an assortment of pipe fittings, small tools, extra electric motors etc. which have a value of about $1,000.00 and would be of great assistance to anyone operating a small plant.

I will be in Duncan for the balance of this month and will be very glad to show any or all of this equipment, subject of course to prior sale.

Very truly yours,

Charles G. Berls

(Charles G. Berls)

EQUIPMENT OFFERED FOR SALE

LOCATED AT

ASH PEAK TAILINGS

DUNCAN, ARIZONA

Owned by Edgar J. Marston, Box 1063, Colorado Springs, Colorado

Description	Price
Mining Equipment located at Tailings Dump	
1 Steel water tank, 20 feet dia. x 8' high with concrete bottom	$ 200.00
1 Power House Building, 12' x 16' x 8' high wood stud construction with tin sides and roof	250.00
1 Case Gas Engine #4816090 DE connected to	500.00
1 Ideal Generator #S 4579, 3 phase, 60 cycle, 35 KW 1200 RPM, 108 amp. 440 volt 1 Exciter GE #882696 Type SD, Frame 264, From LB 110 volt, 4.6 amp., 1/2 KW Speed 1600, Compound wound 1 Switchboard 100 amp, control box 440 volt, 3 phase with AC voltmeter AC ampmeter	500.00
1 Wood ore trap 10' x 10' x 8' with grizzley of heavy rails and metal ore gate sides lined with tin	25.00
1 Belt conveyor with drive 14" belt, 55' centers	200.00
1 Electric motor for conveyor GE 3 HP #FW 23054, Type K, Code J Model 5K 254D17, Frame 254, Speed 1145 60 cycle, 220-440 volt	35.00
1- Two drum Lidgerwood slusher hoist with cables for 350 foot haul driven by 1- Case Gas Engine size CE #C 405098, 30 HP, 4 cylinder	700.00
1- 6' x 6' Wooden Agitator tank- WEMCO	60.00
1- WEMCO Model PBX agitator mechanism for above tank Serial Number 447691	300.00
1- US 10 HP Vertical ball bearing electric motor to drive above mechanism. Serial 154249, 220-440 volts, frame 326-4 50-60 cycle, 1000-1200 RPM. Amps 27/13.5	150.00
1- Trumbull Type C switch box Cat. No. 40351, 3 pole, 30 amp. 500 AC volt	20.00
1- Trumbull Type C Switch box Cat. No. 40352, 60 amp 3 pole, 500 AC volt	20.00

Description	Price
1- Aquare D switch box #D 3032, 30 amp, 230 volt, 3 HP	$ 20.00
1- Westinghouse magnetic switch	10.00
1- Auto start switch Cat. No. 6124, Type 6120 15 HP, 440 volt, 3 phase, 50-60 cycle	10.00
1- G.E. Starter Cat. No. 438126904, 25 HP, 60 cycle, 440 volt	10.00
1- 3" Wilfley Sand Pump to pump material from dump side of road to leaching tanks, driven by 1- Fairbanks Morse electric motor Serial #64970, Frame H 12 A Type R, 20 HP, 1200 RPM 3 phase, 60 cycle, 440 volt	300.00
3400 lin. ft. 4" tubing for water and solution lines	850.00
Frame and timber trestle to carry water lines above	300.00
2- water cooling towers made of steel barrels with connections to water lines and gasoline engines	10.00
1- 30" dia. single sheave for cable on slusher	25.00
1- 12" dia. single block for cable on slusher	10.00
1- 8" snatch block for same purpose	5.00
1- V shaped scraper bucket- 1 cu. yd. capacity	100.00

The following equipment is located on leaching side of road

1- steel water tank, 20' dia. x 8' high with concrete bottom	200.00
2- steel solution tanks, 20' dia. x 4' high do do	200.00
1- Warehouse Building, 9' x 12' x 8'-tin covered, wood floor	265.00
1- Power House Bldg. 12 x 12 x 8-tin covered- conc. floor	240.00
1- Precipitation Bldg. 14 x 16 x 8 do do do do	220.00
1- Melt House 16 x 14 x 10- do do do do	240.00
1- Wooden cooling tower for power plant water 5' x 5' x 10' high with steel tank 4' dia. x 6' high including pipe lines for fresh water.	115.00
1- Butane storage tank, 19' x 36" dia. 1000 gallon capacity	350.00
Power Plant No. 1 consisting of Lycoming Industrial Engine #AEG 1005 50 HP, Bore 3 3/4, Stroke 4 3/4 Unit No. 212, 30 KW, 33.3 KVA direct connected to a Master Electric Company AC Generator Type AG, Frame 445 Spec. No. 53180, Temp. rating 50 C KVA 33.3, PF 90, KW 30 Volts 20-208, cycles 60 3 phase, 200 RPM, 92.5 amps Serial No. JD 246	1,500.00

Description	Price
continued from page 2 and included in price of last item on that page.	
1- Trumbull Type "RB" enclosed switchboard) Cat. No. 64323 F) 100 amp. 3 pole, 260 AC volts)	
1- Westinghouse safety switch Cat. No. CF 352, 60 amps Style 997554 E 20 HP, 575 volts AC	$ 35.00
1- Westinghouse De-Ion line starter	10.00
Contents of Precipitation Building	
1- Merrill Crowe Zinc Feeder driven by a small G.E. electric motor	125.00
1- cone for zinc feeder	25.00
1- Centrifigul pump to handle solutions to "Socks" driven by a	100.00
General Electric Induction Motor Model 5 K 225 A 10, Frame 225, Type K Volts 220-440, 60 cycle, 3 phase Amps. 8 42/ 4 21, speed 1720 3 HP, No. AS 9352	35.00
1 Steel box for precipitation of zinc solutions containing 48 socks. Has drain connections etc.	125.00
1- National Meter #91 Latham Cyanide Solution meter	200.00
1- Centrifigul pump to pump barren solutions from precipitate tank to storage driven by a	100.00
U.S. Motor Serial 61987 3 HP, volts 220-440, frame 266 Type FRB, amps. 8.6/ 4.3 1200 RPM, 3 phase	35.00
4- Mongerson Electric Machine Works switch boxes Cat. No. 29-3035 Type Gen. Use, 3 phase, 7½HP, 30 amp. 575 volt, 3 pole	80.00
2- Westinghouse De-Ion line starters	20.00
1- Westinghouse Starter Type WK, Style 545208	10.00
Contents of Melt House	
1- Denver Fire Clay Company melting furnace- tilting No. 150 Burner Number C-3- 833	200.00
1- Denver Fire Clay Blower #230	100.00
1- Wagner Electric Motor Type RPl Frame 204, Model W-30-J65 1½HP, 3500 RPM, 3 phase, 60 cycle 220 volts, 4.9 amps, 440 volts 2.45 amps No. 3049446	35.00

Description	Price
3- Mongerson Electric Machine Works switch boxes Cat. No. 29-3035 Type Gen. Use, 3 phase 7½HP, 30 amp, 575 volt, 3 pole	$ 60.00
1- Noark Safety Switch #8236 250 V A C , 3 pole, 60 amp.	15.00
1- Square D #2510W10 AC Manual starter	15.00
1- Auto start Motor Switch 15 HP, 440 volt Cat. No. 6124, 3 phase Type 1620, 50-60 cycle	20.00
Equipment Not in any Building	
3- Wood Stave Red Wood tanks, 40' dia. x 4' high with wood bottoms (flat), covered with burlap and this in turn covered with #175 TW filter twill	1,000.00
6- Lunkenheimer 3" valves for draining tanks	225.00
3- 4" Crane Valves Cat. No. 473- used to fill tanks	100.00
100 lin. ft. 2½" fire hose with 4' nozzle	55.00
3- wooden launders for draining wood tanks	100.00
1- Worthington Pump #16503 3" intake, 3" discharge also bears number plate as follows 3.L.1.825636 driven by a U.S. Motor, Serial 83862 Frame 368, Type FRB 10 HP, 3 phase, 220-440 volts 1800 RPM- 60 1500 RPM- 50	250.00
1- Krough Solution pump No. 1½ x 11, Type L, Form E driven by a	125.00
G.E. Induction Motor No. 3782702 3 HP, Type KT 730 Form C, 50 cycle, 3 phase, 220 volt, amps 8.6	35.00
1- Fairbanks Morse solution pump Size 2 o 531 No. 518184, driven by a	125.00
Wagner Electric Type RP1, electric motor Frame 324, No. 7W 2820 Mod. 2E 78152 10 HP, 1750 RPM, 3 phase, 60 cycle 220-440 volts, 12.8 amps	35.00
1 Steel clarifying tank equipped with leaves, vacuum lines etc. 8' dia. x 10' high	250.00
1- Ingersoll-Rand type 30 vacuum pump- twin Size 4 x 4 x 2 3/4 Model Number- blank. Serial No. 30T19726 driven by a (see next page)	250.00

Description			Price
1- G.E. Induction Motor #LG Model 62A18, Frame 926, Type KT, Form CL, 220-440 volts, 3 phase 60 cycle, 5.37 amps. 1740 RPM			$ 35.00
1- Connerville Blower Lot 1002, size #17 driven by a			50.00
Gneeral Electric 1/2 HP electric motor			35.00
Switch Box and starter for above included in price			
3500 lin. ft. approximately of two wire electric fence with steel posts and connected to an electric charger using either battery power or high tension power			75.00
1- Electric Bench Grinder- in warehouse building			50.00
1- Blacksmith anvil			10.00
1- Office Building- frame construction with linoleum top office desk, 1 swivel chair, 2 large office chairs, 1 wood drawing board with "T" square, 1 cot, 1 kerosene stove and assortment of cooking utensils			350.00
Well Equipment Well No. 1 (total depth 168 feet)			
90 feet 3" pipe for tubing		$ 49.50	
90 feet 1/2" steel sucker rod		45.00	
1- 3' deep well cylinder		26.00	
1- Fairbanks Morse Pump Jack Type C-39, No. 9, DW head JO 32801 connected by twin V belts to a D.W. Onan & Son gas engine 2 cylinder Model No. COM OTON Serial No. 123.144573 3.25 HP @ 1800 RPM		400.00	
1- wood and tin building		100.00	620.50
Well No. 2- 302 feet total depth			
250 feet 3" pipe for tubing		137.50	
250 feet octagonal wood sucker rod with 3/4" couplings		91.50	
1- 3' deep well cylinder		26.00	
1- David Bradley Pump Jack Model 241-6136 driven by a		38.50	
Briggs & Stratton 1 cylinder gas engine Model #500 Engine #205515, Series 65		49.50	
1- Tripod of 3" pipe 29 feet high for pulling rods and tubing		45.00	388.00

Description		Price
Well No. 3- total depth 573 feet		
553 feet 3" pipe for tubing	241.24	
553 feet 3/4 " steel sucker rods	143.25	
1- 3' deep well cylinder	26.00	
1- Stover Pump Jack #788- open gears driven by a	87.42	
Continental 4 cylinder gasoline engine No. 5 M 49189, 25 HP	250.00	
1 Tripod of 3 " pipe for pulling rods	45.00	792.91
3000 lin. feet 2" water line connecting wells and water storage tanks		660.00
1- Cushman 2 cylinder gasoline engine with fly wheel. Used for stand- by service for pumping wells. 8 HP		75.00
Total		$ 14,976.41

June 30, 1944

Will you please inform Mr. Arthur Murphy that I have his of the 27th and will look into it for him.

Bill Broadgate

January 13, 1944

War Price and Rationing Board
No. 81.7.1
137 North Second Avenue
Phoenix, Arizona

Gentlemen:

Mr. Arthur Murphy, 19 Ashland Avenue, Phoenix, is making application for supplemental gasoline.

Mr. Murphy is the owner of the Ash Peak Mine located near Duncan which is being operated and providing siliceous flux nemeesary for the smelting of copper ores and is an essential mineral. It is necessary to make at least one trip a month to the property and ofttimes he is called upon for occasional other trips connected with his other mining interests.

I believe he is fully entitled to supplemental gasoline for at least 800 miles per month and can certify as to the war need for this supplemental gasoline.

Yours very truly,

J. S. Coupal, Director

JSC:LP

October 22, 1943

War Price and Rationing Board
No. 8171
137 North Second Avenue
Phoenix, Arizona

Gentlemen:

Mr. Arthur Murphy, P. O. Box 505, Phoenix, is applying for a special allotment of gasoline.

Mr. Murphy is the owner of the Ash Peak Mine, Greenlee County, which is in production on a highly desirable siliceous flux for the copper smelters. He has been active all his life in mine operations and is called upon for consultation and examination of mining properties to be put into production.

He also has agricultural interests of which I am aware, but I do know and can certify that he is entitled to additional gasoline for his essential war mineral work.

Yours very truly,

J. S. Coupal, Director

JSC:LP

SURVEY OF OPERATING MINES July 6, 1942

By: Fred H. Perkins ASH PEAK MINES

Problems:

Mr. Dan Mayne and Mr. Howard Mottier claim they have their entire operation under good control and outside of the slight difficulty of procuring white laborers, have no problems. At present the entire crew are white men.

December 20,1940.

Mr. Arthur Murphy
Ash Peak Mine
Duncan, Arizona.

Dear Arthur;-

Many thanks for your letter of the 4th with the memo on Ash Peak.

I have forward a copy of this memorandum with some comments to Mr. Scholey at Seattle.

In reply to other matters Mr. Scholey stated that he expected to be in Phoenix shortly after the first of the year and would have an engineer with him to look over the various properties that we have called to his attention as being really worthy of his serious and immediate attention.

With best wishes for the holidays.

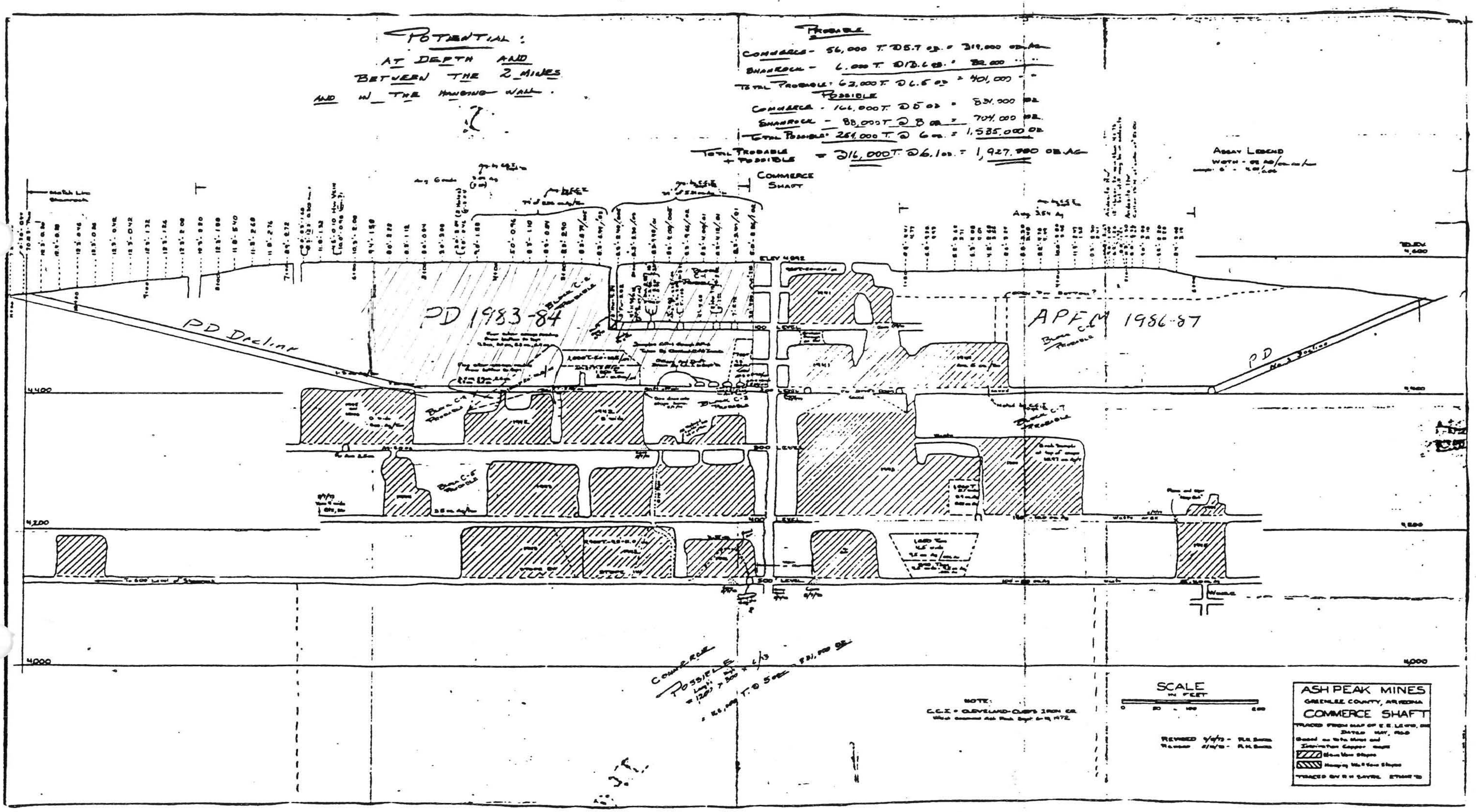
Very truly yours,

J. S. Coupal.

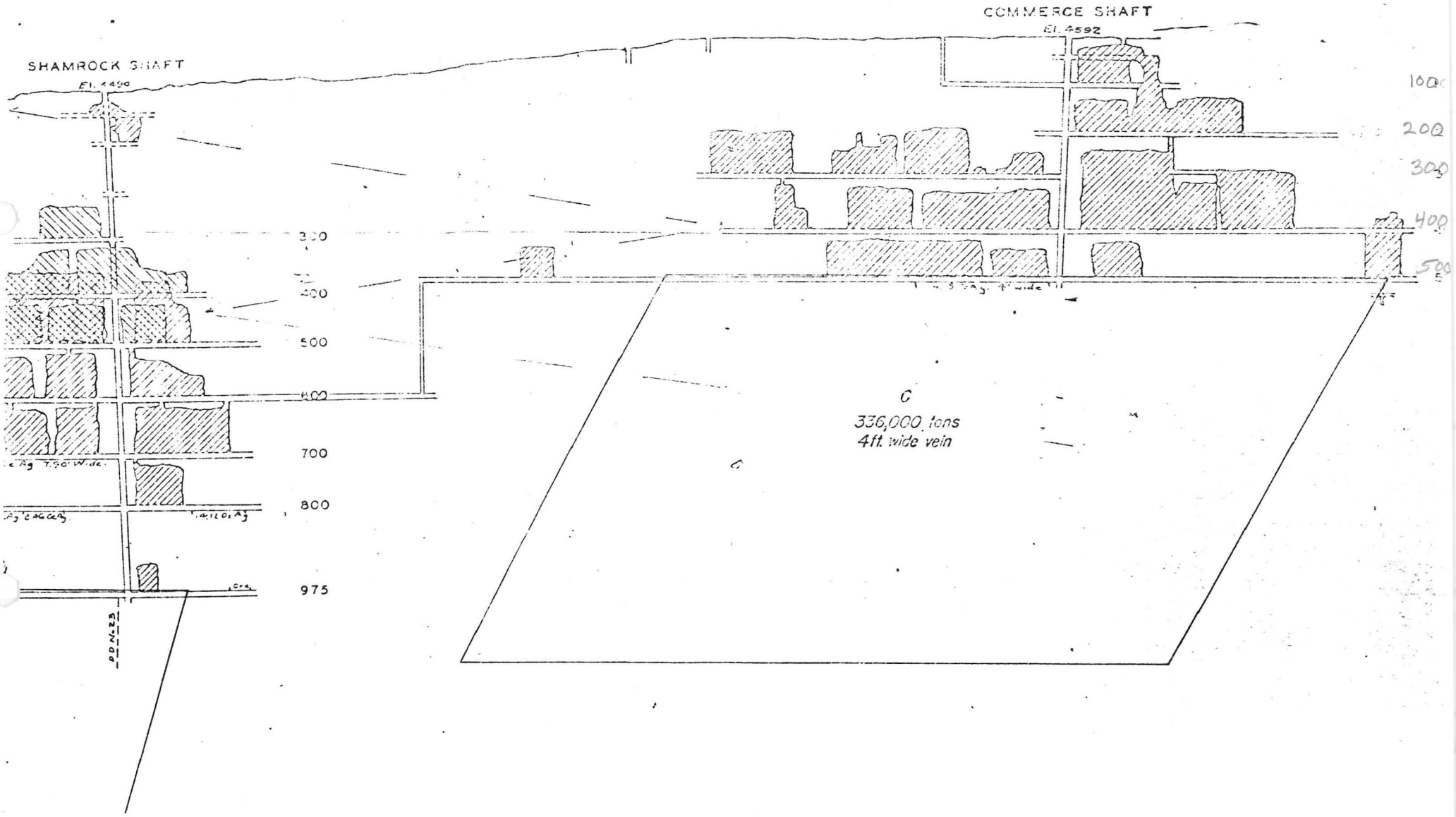
Ash Peak Mine 3/18/40

Arthur Murphy
19 Ashland Ave. Thornton

Claims 160,000 tons tailings – $3.00 value
Should net $1.25 by cyanide
Fairly ground – tests shrink OK.
Needs $40.000 to equip & handle.
Ques & How much old equipment available.



POTENTIAL:
AT DEPTH AND
BETWEEN THE 2 MINES
AND IN THE HANGING WALL.
PROBABLE
COMMERCE - 56,000 T. @5.7 oz. = 319,000 oz. Ag
SHAMROCK - 6,000 T. @13.6 oz. = 82,000 "
TOTAL PROBABLE: 62,000 T. @6.5 oz = 401,000 "
POSSIBLE
COMMERCE - 166,000 T. @5 oz = 831,000 oz
SHAMROCK - 88,000 T @8 oz = 704,000 oz
TOTAL POSSIBLE: 254,000 T. @6 oz = 1,535,000 oz
TOTAL PROBABLE + POSSIBLE = 316,000 T. @6.1 oz = 1,927,000 oz Ag
COMMERCE SHAFT
ASSAY LEGEND
PD 1983-84
PD Decline
APFM 1986-87
PD
4400
4200
4000
100 LEVEL
200 LEVEL
400 LEVEL
500 LEVEL
COMMERCE POSSIBLE
NOTE:
C.C.I. = CLEVELAND-CLIFFS IRON CO.
SCALE IN FEET
0
200
ASH PEAK MINES
GREENLEE COUNTY, ARIZONA
COMMERCE SHAFT


COMMERCE SHAFT
El. 4592
SHAMROCK SHAFT
El. 4490
100
200
300
400
500
600
700
800
975
C
336,000 tons
4ft. wide vein