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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 03/21/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MONTEZUMA

ALTERNATE NAMES:

RYLAND
MAMMOTH PAT. CLAIM
BLACK JACK PAT. CLAIM
CONSTANCE CRAIG PT. CLAIM
PALMER MINE
AZ LEAD CO.
GARCIA-VULTURE
MONTEZUMA-MS. #2060

MARICOPA COUNTY MILS NUMBER: 226B

LOCATION: TOWNSHIP 6 N RANGE 4 W SECTION 22 QUARTER NW
LATITUDE: N 33DEG 51MIN 10SEC LONGITUDE: W 112DEG 40MIN 12SEC
TOPO MAP NAME: WICKENBURG SW - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
SILVER
COPPER
GOLD LODE
IRON
ANTIMONY
VANADIUM

BIBLIOGRAPHY:

USGS WICKENBURG SW QUAD
ADMMR MONTEZUMA FILE
ADMMR "U" FILE
MOORE R T & ROSEVEARE G AZBM BULL 180 P 260
MOORE R AZBM BULL 180 P 192
BLS MINERAL SURVEY MS 2060

MONTEZUMA GROUP, Vulture District,
Maricopa County

FOR MAPS SEE SECTION #6

BROWN MAP CABINET, TOP OF

MINE REPORT FILES,

EAST
SOUTH WALL.

USBM "U" File
lists SOME V.C.s



MINING JOURNAL - 1 30-42

NAME OF MINE: ARIZONA LEAD
(MONTEZUMA MINE)
(5 mi. W. Morrystown)

COUNTY: MARICOPA
DISTRICT:
METALS: Pb

OPERATOR AND ADDRESS:

MINE STATUS

DATE:		DATE:	
5/1/44	E. Rogers (has lease) Wickenburg, Arizona	5/1/44	Milling
		1/45	Idle

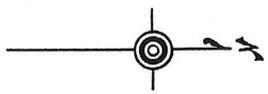
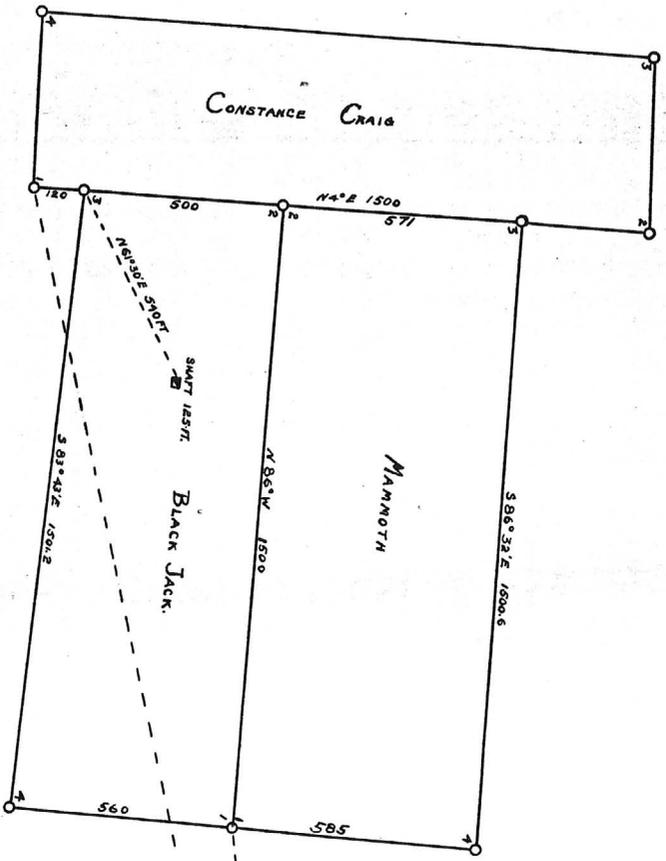
NAME OF MINE: MONTEZUMA
OWNER:

COUNTY: Maricopa
DISTRICT:
METALS: Pb,Ag

OPERATOR AND ADDRESS

MINE STATUS

Date:		Date:	
7/46	✓ Ike Campbell, Wickenburg	Pb,Ag	Developing



SCALE 1/4" = 300 FT.

34C
 1S
 T6N
 R4W
 36C
 R2
 T6N
 R4W

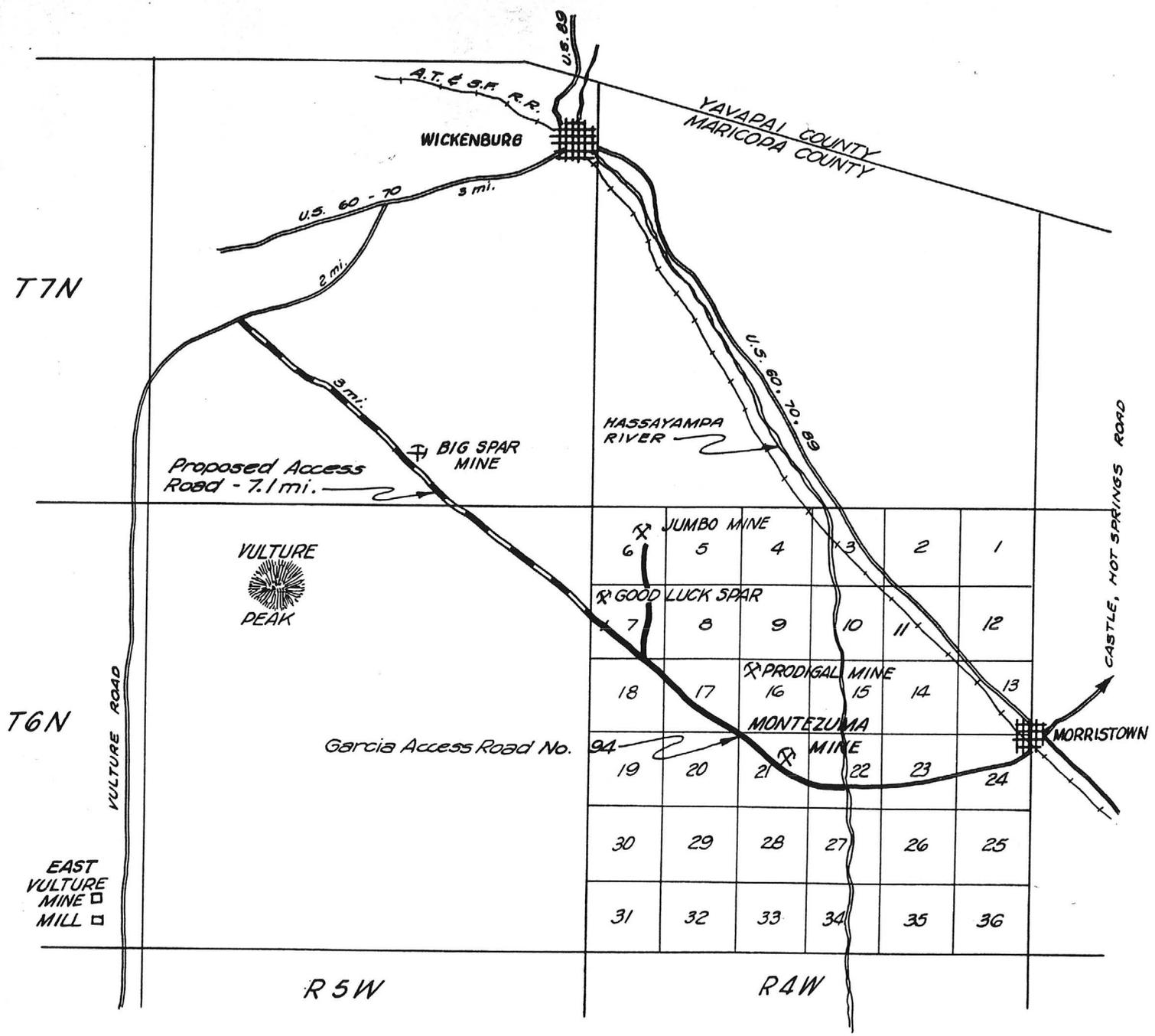
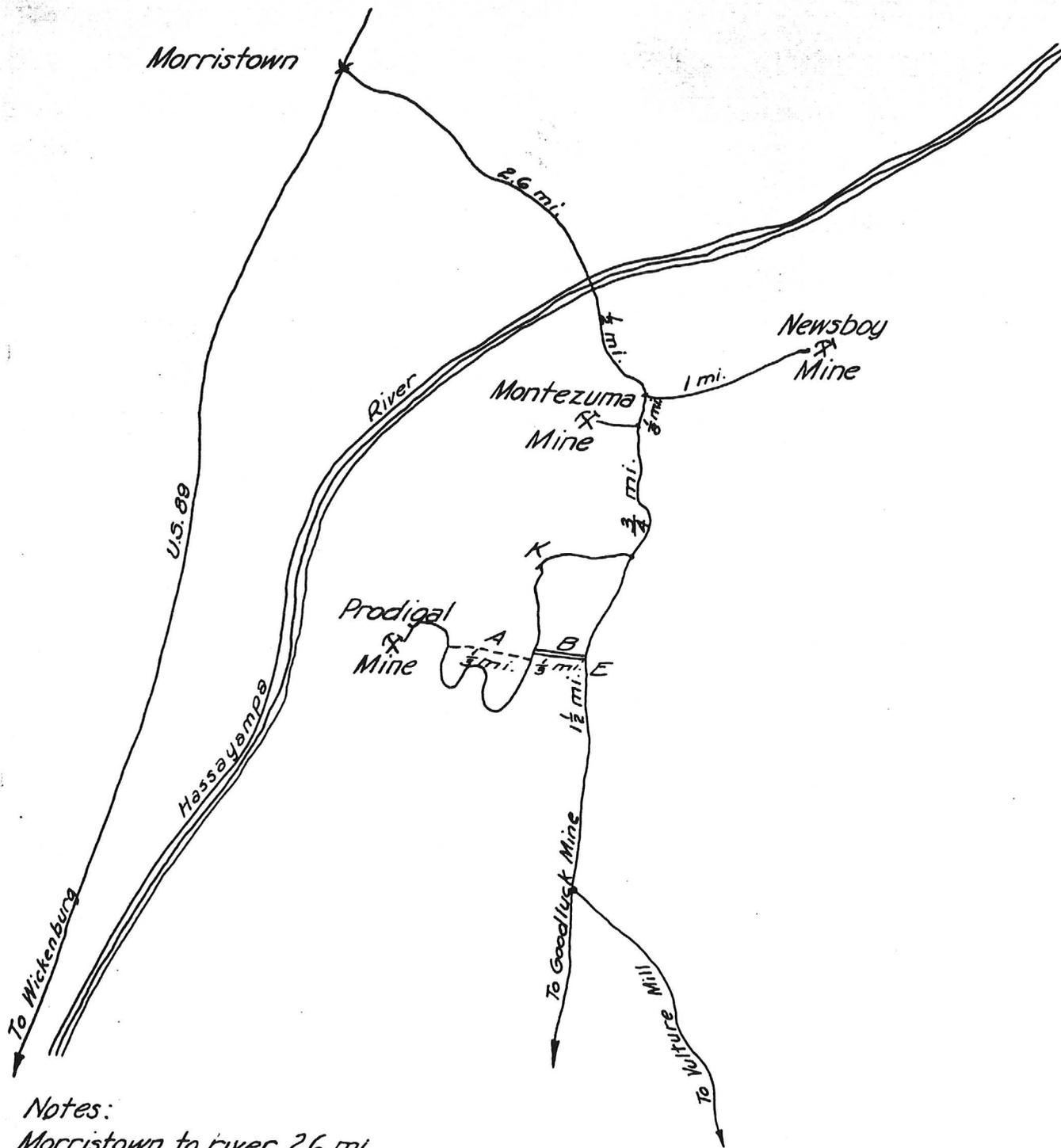


FIG. 1-MONTEZUMA MINE ACCESS ROAD NO. 138

15106



Notes:
 Morristown to river, 2.6 mi.
 River to Newsboy fork, $\frac{1}{2}$ mi.
 Newsboy fork to Montezuma fork, $\frac{1}{3}$ mi.
 Montezuma fork to Prodigal fork, $\frac{3}{4}$ mi.
 Prodigal fork to Prodigal Mine, $1\frac{1}{8}$ mi.

Prodigal
 15014

AR # 95

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Mine file: 1. NEWSBOY 2. MONTEZUMA (4 sale)

2. Mine name if different from above:

3. County: Maricopa

4. Information from: Gary Parkinson

Company: Westmont Mining Inc.

Address: 2341 S. Friebus

Tucson, AZ 85713

Phone: 881-8871

5. Summary of information received, comments, etc.:

Westmont's exploration has identified 1.5 million tons of .045 ounce per ton gold open pitable resource using a .03 cutoff grade. Preliminary metallurgical tests indicate recovery by cyanide at -100 mesh is ok, but that at a 1" crush the recovery is only about 30%. Thus the resource does not appear amenable to heap leaching and the grade is low to support a milling operation. Even though the deposit is still open and could be made significantly larger, the metallurgical test have convinced Westmont to sell their interests. The Mills still own the core claim position. A summary sheet will be provided by Westmont for our files.

Date: December 4, 1988

Nyal J. Niemuth, Mining Engineer

MONTEZUMA

MARICOPA COUNTY

NJN WR 4/8/88: Larry Dietz (card) reported that Michael Dustin, geologist for Westmont, (card) reported that Westmont is currently drilling at the Newsboy (file) Maricopa County, and that next week he will be moving the drill rig to drill at the Montezuma (file) Maricopa County, adjacent to the Newsboy.

MONTEZUMA MINE

MARICOPA COUNTY

February 10th 1964

Joe Grudel and Dan Tiano visited from Morrystown. They hope to start work on the Montezuma Mine, Known as the Palmer Mine in the near future. The men, Mr. Grudel along with Mr. Geo. Dillard shipped ore from this mine in the past.

E.G. WILLIAMS Weekly Report 2/27/64

EXECUTIVE SUMMARY

SUMMARY

Westmont Mining Inc. controls 6300 acres which contains an epithermal gold deposit and other mineralized zones on its property near Wickenburg, Arizona. The project known as the "Newsboy Project" contains a near surface geologic reserve of 1.3 million tons grading 0.044 opt gold. Cyanide bottle roll tests indicate that recoveries for the material tested range from 79% to 87% at -100 mesh.

PROPERTY

Westmont controls approximately 6,300 acres of mining property as follows:

- Two hundred thirty-seven (237) unpatented lode mining claims. Approximately 170 claims are subject to a four percent (4%) NSR royalty and the remainder are royalty free.
- Four (4) patented mining claims subject to a five percent (5%) NSR production royalty.
- Four (4) State of Arizona Prospecting Permits covering 1,520 acres with the production royalty to be determined upon conversion to state mining leases by 1993.

Total land payments to hold the leased properties over the next five years are:

1989	\$ 70,000
1990	\$ 96,520
1991	\$121,520
1992	\$120,000

All payments are advance royalties with the exception of the State Prospecting Permit payments which are rentals (\$1.00/acre/year) and \$20,000 of the 1993 payment. The State Prospecting Permits must be converted to mining leases by 1993.

Total work commitments over the next five years are:

- \$23,700 in annual assessment work
- State Prospecting permits:
 - \$10/acre/year 1989 and 1990
 - \$20/acre/year 1991 to 1993

EXPLORATION AND DRILLING

Westmont mapped in detail and sampled an area of approximately one square mile adjacent to the old Newsboy open pit. This exploration defined an epithermal gold and silver mineralized system that has been emplaced along a low angle fault that strikes north-south and dips to the east. This fault separates Precambrian metamorphics (schists) from overlying Tertiary rhyolites. The zone of mineralization occurs in intensely silicified and calcite replaced lithologies that outcrop discontinuously over a distance of about 4000 feet. Gold and silver mineralization was probably introduced with a number of episodes of very fine-grained silica as well as at least one episode of black calcite.

A subhorizontal, tabular orebody with an average thickness of 45 feet has been defined. Depths to the top of the orebody range from 0 feet to 120 feet. Post-mineral faulting is minor. Exterior to the orebody are another two holes that contain ore grade gold intercepts (>0.040 ounces per ton) as well as other zones that contain gold grades over +10 foot intervals between 0.02 opt and 0.04 opt gold.

In addition to the detailed evaluation of the area around the Newsboy pit, reconnaissance mapping and rock chip sampling identified similar zones of mineralization within a radius of two miles on the north, west and south.

ORE RESERVES

Ore reserves for the project have been calculated using drillholes that contain average gold grade intercepts greater than 0.029 ounces per ton over thicknesses of 20 feet or greater. Calculated geologic reserves are 1.3 million tons grading 0.044 opt gold.

PROCESSING

Metallurgical testwork has been completed on three different Newsboy ore types by McClelland Laboratories, Inc., Sparks, Nevada. The ore types are classified as yellow siliceous, red siliceous and black calcareous-siliceous.

The samples were leached in alkali cyanide solution in bottle roll tests for 96 hours. Five tests were completed on each ore type for five different particle sizes from -14" down to -100 mesh. Gold recoveries increased dramatically with decreasing feed size. Recoveries for the various ores ranged from 79% to 87% at -100 mesh. Extraction rates were rapid and gold extraction was substantially complete in 24 hours for each sample.

Cyanide consumptions were low ranging from 0.10 to 0.74 pounds per ton of ore. Lime requirements were also low at from 1.0 to 3.9 pounds per ton of ore.

These claims, except Emma I, were the property of the Arizona Lead Company, presumably defunct though some recent litigation had been in progress by old stockholders attempting to regain title to the property.

It has been controlled by Dr. E. Payne Palmer for many years.

Water application was never perfected. The two unsurveyed claims have probably been allowed to lapse.

Property located just across the Hassayampa River west of Morrystown.

A.L.F.

1-59

Arizona Department of Mineral Resources
Division of Land Administration

RECEIVED
APR 11 1959



APR 11 1959

AFFIDAVIT TO SUPPORT CLAIM FOR OCCUPATIONAL DEFERMENT

INSTRUCTIONS.—This form is to be filled out by an employer or other person who has knowledge of the registrant's eligibility for Class II deferment as a necessary man in his civilian occupation or activity. If the registrant owns and operates his own business, he may fill out this form himself.

All parts except Part E should be filled out for a registrant engaged in a business, occupation, or profession.

Parts A, E, F, G, and H should be filled out for a registrant pursuing a course of instruction in preparation for work necessary to the War Production Program.

A. IDENTIFICATION OF REGISTRANT:

1. Local Board No. 3 Maricopa Phoenix Arizona
(County) (City) (State)

2. Name of registrant E. J. Pfeil Order No. 32

B. INDUSTRY, BUSINESS, OR SERVICE IN WHICH REGISTRANT IS ENGAGED:

1. Name of firm, corporation, partnership, etc. Arizona Lead Co.

2. Description of industry or other activity Operating a lead mine and mill

3. Is the activity seasonal? NO If so, what is the season? _____

4. Has your product or service any relationship to the War Production Program? YES If so, specify Mining and milling of lead ore.

5. Is your product or service necessary to the health, safety or interest of the community or the Nation? YES If so, specify Necessary for war operation

6. (a) Have you any War Production contracts or subcontracts? Yes If so, specify Working on share basis with the Arizona Lead Co.

(b) Do any of the above contracts carry specific priority ratings? NO If so, specify _____

7. Approximate percentage of product or service currently produced for use of—

(a) The general public _____

(b) The Government _____

(c) A primary contractor of the Government _____ Explain item (c) here _____

Local Board No. 3
 Maricopa County

OCT 29 1942

645 W. Jefferson St.
 Phoenix, Arizona

8. If an agricultural pursuit, state:

(a) Size and type of farm _____

(b) Number of acres under cultivation _____ Number of livestock, poultry, etc. _____

(c) Principal product _____

(d) Number of persons employed for wages _____

C. OCCUPATION OF REGISTRANT:

1. What is the title of his present job or position? Miner and mill operator

2. On what date did he enter upon present duties? March 18, 1942

3. What is his weekly rate of pay? \$ No regular pay--on share basis
(CONFIDENTIAL)

4. Is he a— (Check one) { Regular employee. Other (specify): _____
 Seasonal employee. _____
 Temporary or occasional employee. _____

5. Has he a journeyman rating? No

6. Is he— (Check one) { Skilled. Unskilled.
 Semiskilled.

(a) Is he in training as an apprentice or learner? Learner

(b) How long has he been in such training? 10 years or more (State which)

(c) On what date will he complete his training? _____

(d) For what work is he preparing? _____

7. (a) Give an ACCURATE and FULL description of his duties. (If possible use United States Employment Service job specifications) He assists in the operation of the mill, hoisting ore, operating the machine drill and such other work as is necessary in operating a small mine.

(b) On what specific product or service is he primarily engaged? Mining and milling

8. Is the registrant trained or experienced in more highly skilled work than that in which he is now engaged? No

If so, specify _____

D. DATA RELATIVE TO "NECESSITY" OF THE REGISTRANT:

(See last page of this form for definitions of "necessary man" and regulations regarding deferment.)

1. Have you had difficulty in recruiting workers with the registrant's qualifications or skill? Yes. If so, explain action taken, and results Working on share basis has personal interest in production.

2. Do you anticipate that you would have difficulty in recruiting workers with the registrant's qualifications or skill now or in the future? yes. If so, upon what grounds do you base your anticipation? lack of trained men.

3. Would the registrant's removal cause a material loss of effective _____ in your activity? yes If so, upon what grounds do you base your statement? He understands the operation of the mill, the underground workings, and the type of ore in this particular mine.

4. Would the registrant's removal cause such a serious interruption or delay in your activity that it would impede the War Production program? yes If so, upon what grounds do you base your statement? His loss would slow down production.

5. (a) How many persons of similar skill or training do you employ? 2
(b) Are you expanding that part of your business that requires the services of the registrant's special qualifications or skill? yes If so, specify in detail More men will be added if the ore body is exposed for operation.

6. (a) How long does it take to train a person in the registrant's qualifications or skill? 5 or 6 years
(b) How many persons are you now training in these qualifications or skill to replace separated workers? none
To fill newly created jobs? none

E. STUDENTS AND OTHERS IN TRAINING:

(To be filled in by appropriate official of school or institution.)

- Name and type of school or institution We have no students in training
(Name)
(Type) Location (City) (State)
- Designation of course pursued by registrant _____
- For what certificate or license (if any) is he preparing? _____
- Length of time already spent in course _____
- How has he progressed to date? _____
- On what date do you expect the registrant to complete this training? _____
- Has he offers or contracts of employment after completing the course? _____ If so, specify _____

F. EMPLOYER'S (OR SCHOOL OFFICIAL'S) STIPULATION:

- Based on the definitions given below in "Excerpts from Selective Service Regulations," I/we recommend classifying this registrant in Class _____
(II-A or II-B)
- Deferment of this registrant is requested for _____
(Length of time)
- It is agreed that I/we will notify registrant's Local Board of the resignation, dismissal, failure to make progress in training, or a change in the nature of the employment of the above-named registrant.
- The registrant _____ related to any of the executive officers of this employing unit. The above relationship, if any, is _____
(Is, is not)

G. REMARKS: We are operating a 50 ton concentration plant running through the dumps the mine fillings and ore taken from the mine.

H. JURAT:

I, E. Payne Palmer do solemnly swear (or affirm) that
I am President of The Arizona Lead Company
(Name) (Official position) (Name of employing unit, or school or institution)
and that the foregoing statements are true to the best of my knowledge and belief.

E. Payne Palmer
(Signature)

Subscribed and sworn to before me this 27 day of October, 1942

My Commission Expires Sept. 28, 1941

Lillian Reed
(Signature of official administering oath)

Notary Public
(Official designation of official administering oath)

THE OATH REQUIRED BY THIS FORM MAY BE ADMINISTERED BY—

1. Any civil officer authorized to administer oaths generally.
2. Any commissioned officer of the land or naval forces assigned for duty with the Selective Service System.
3. Any member or clerk of a local board or board of appeal.
4. Any government appeal agent or associate government appeal agent.
5. Any member or associate member of an advisory board for registrants.
6. Any postmaster, acting postmaster, or assistant postmaster.

No fee shall be charged by any person for administering the oath required on this form.

EXCERPTS FROM SELECTIVE SERVICE REGULATIONS

622.21 Class II-A: Man necessary in his civilian activity.—(a) In Class II-A shall be placed any registrant found to be a "necessary man" in any industry, business, employment, agricultural pursuit, governmental service, or any other service or endeavor, or in training or preparation therefor, the maintenance of which is essential to the national health, safety, or interest.

(b) Class II-A deferments shall be for the period of 6 months or less as may be deemed necessary to secure or train a replacement for the registrant. If there is a change in the registrant's status during the period of his deferment in Class II-A, his classification shall be reopened and considered anew. At the expiration of the period of the registrant's deferment in Class II-A, his classification shall be reopened, and he shall be classified anew. When the registrant is classified anew, he shall not be again placed in Class II-A unless such classification is warranted, and in addition, the registrant or the registrant's employer convinces the local board, or the board of appeal (if an appeal is taken), or the President (if an appeal is permitted and is taken) that a reasonable but unsuccessful effort has been made during the period of deferment to secure or to train a replacement. If these conditions are met and the registrant is again placed in Class II-A, such further deferment shall be for the period of 6 months or less as may be deemed necessary to secure or train a replacement. The same rule shall be applied when again classifying such a registrant at the end of each successive period for which he has been classified in Class II-A.

622.22 Class II-B: Man necessary to the War Production Program.—(a) In Class II-B shall be placed any registrant found to be a "necessary man" in any industry, business, employment, agricultural pursuit, governmental service, or in any other service or endeavor, or in training or preparation therefor, the maintenance of which is necessary to the war production program.

(b) Class II-B deferments shall be for a period of 6 months or less. If there is a change in the registrant's status during the period of deferment in Class II-B, his classification shall be reopened and considered anew. At the expiration of the period of the registrant's deferment in Class II-B, his classification shall be reopened, and he shall be classified anew. In again classifying the registrant, care should be taken not to impede the war production program. The registrant should be again classified in Class II-B for a period of 6 months or less if such classification is warranted and if the registrant's employer has made a reasonable but unsuccessful effort to secure or train a replacement for the registrant during the period of deferment. The same rule shall be applied when again classifying such a registrant at the end of each successive period for which he has been classified in Class II-B.

622.23 General rules for classification in Class II-A and Class II-B.—(a) On the local board is placed the primary responsibility of deciding which men should be deferred because of their civilian activities. It is in the national interest and of paramount importance to our national defense that civilian activities which are directly contributing to the war effort or which are otherwise essential to the national health, safety, or interest, should be maintained where possible, consistent with the fundamental purposes of the Selective Training and Service Act of 1940, as amended.

(b) No deferment from training and service shall be made in the case of any individual except upon the basis of the status of such individual, and no deferment shall be made of individuals by occupational groups or groups of individuals in any plant or institution.

(c) The local board may avail itself of the assistance of all Federal, State, or local agencies (such as the Office of Production Management Labor Supply Committees, State and Federal employment services, State occupational advisors, county agricultural agents, or others) to obtain information in cases of occupational deferments.

622.24 "Necessary man" defined.—A registrant shall be considered a "necessary man" in industry, business, employment, agricultural pursuit, governmental service, or in any other service or endeavor, including training or preparation therefor, only when all of these conditions exist: (1) He is, or but for a seasonal or temporary interruption would be, engaged in such activity; (2) he cannot be replaced because of a shortage of persons with his qualifications or skill in such activity; and (3) his removal would cause a serious loss of effectiveness in such activity.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date Nov. 19th, 1942.

A. C. Nebeker

1. ~~Montezuma~~ Group
2. ~~Montezuma~~ District & Coconino Co, Ariz.
3. Former name
4. Location Prescott, Ariz.
5. Owner D. Pitt
6. Address of Owner, Ariz.
7. Operator, Endsley (Lessee)
8. Address (Operator) Prescott Ariz.
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Member, silver.
14. Men Employed
15. Production Rate Just getting started
16. Mill: Type & Cap.
17. Power: Amt. & Type Gasoline Engines
18. Operations: Present Just getting old works in shape to start work.
19. Operations Planned to put in new collar sets in shaft and retimber where needed and then sample ore vein and if values stand up, the 100 foot shaft will be deepened and drifting will be done and ore taken out as fast as possible.
20. Number Claims, Title, etc 5, these claims were located many years ago and title has been held by doing assessment work each year.
21. Description: Topography & Geography these claims are located 5 1/2 miles west of Morristown, on the west side of the river and adjoins the Arizona Mining Company's Property. Elevation approximately 2000 feet, and the hill more or less rolling with shallow steep sided washes or gullies cut through them. The vegetation is the Arizona desert growth.
22. Mine Workings: Amt. & Condition One incline shaft which is reported 100 feet deep, and this may have a drift off the bottom. This shaft has an incline dip of 72 degrees and the collar is caved and it needs retimbering and muck cleaned out before the bottom can be seen.
A short distance west of the above shaft there is a nother shaft which is caved and depth not known.
There are also two cuts along the vein, still farther west.

23. Geology & Mineralization

The geology consists of granite, schist and quartzite. The general strike of the formation is east and west. The mineralization of iron, silica and copper ores make along the contact of the granite and schist. Ores carbonates and silicates of copper.

24. Ore: Positive & Probable, Ore Dumps, Tailings

There is no positive or probable ore blocked out. There are several tons of ore left on the dumps of the various workings. It is reported that leasers a few years ago shipped ore carrying 11% copper. The ore on the dump looks as if it will carry 5% copper. The vein from which
24-A Vein Width Length Value three feet thick with a higher grade ore of 4 to 6 inches thick running down the middle. Some places on the surface the ore spreads over (5 feet.

25. Mine, Mill Equipment & Flow Sheet

The distance to the property is 5½ miles and the road is good. The only time one might have any trouble is when a flood comes down the river, and then one should park until the storm is over.

26. Road Conditions, Route

Plenty of water can be had by shallow wells on the side of the river.

27. Water Supply

There is very little history on this property, but it is reported that ore was shipped from here in the past when the price of copper would permit it.

28. Brief History

No reports have been made as yet, and the Lessee is not troubled with any problems at this time.

29. Special Problems, Reports Filed

This property has got a chance to produce ore if development work is continued in a miner like manner.

30. Remarks

The owner has given a lease and option already to Endsley.

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

32. Signed.....A. C. Nebeker.....

33. Use additional sheets if necessary.

h-d

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date Nov. 19th, 1942.

Mine Montezuma Group

Engineer A. C. Nebeker

District Vulture, Maracopia Co, Ariz.

Location Prescott, Ariz.

Former name same

Owner M. D. Pitt

Address Morrystown, Ariz.

Operator B. L. Endsley (Lessee)

Address Gen Del. Prescott Ariz.

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Copper, silver.

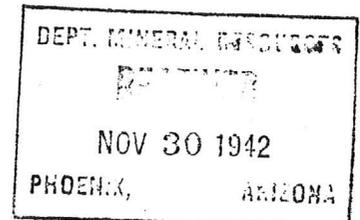
Men Employed

Production Rate Just getting started

Mill: Type & Cap.

Power: Amt. & Type Gasoline Engines

Operations: Present Just getting old works in shape to start work.



Operations Planned To put in new collar sets in shaft and retimber where needed and then sample ore vein and if values stand up, the 100 foot shaft will be deepened and drifting will be done and ore taken out as fast as possible.

Number Claims, Title, etc. 5, these claims were located many years ago and title has been held by doing assessment work each year.

Description: Topog. & Geog. These claims are located $5\frac{1}{2}$ miles west of Morrystown, on the west side of the river and adjoins the Arizona Mining Company's Property. Elevation approximately 2000 feet, and the hills more or less rolling with shallow steep sided washes or gullies, cut through them. The vegetation is the Arizona desert growth.

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Geology & Mineralization The geology consists of granite, schist and quartzite. The general strike of the formation is east and west. The mineralization of iron, silica and copper ores make along the contact of the granite and schist. Ores, carbonates and silicates of copper.

Ore: Positive & Probable, Ore Dumps, Tailings There is no positive or probable ore blocked out., There are several tons of ore left on the dumps of the various workings. It is reported that leasers a few years ago shipped ore carrying 11% copper. The ore on the dump looks as if it will carry 5% copper. The vein from which this ore came is 2 to three feet thick with a higher grade ore of 4 to 6 inches thick running down the middle. Some places on the surface the ore spreads over
Mine, Mill Equipment & Flow Sheet (3 feet.

Road Conditions, Route The distance to the property is 5½ miles and the road is good. The only time one might have any trouble is when a flood comes down the river, and then one should park until the storm is over.

Water Supply Plenty of water can be had by shallow wells on the side of the river.

Brief History There is very little history on this property, but it is reported that ore was shipped from here in the past when the price of copper would permit it.

Special Problems, Reports Filed No reports have been made as yet, and the Lessee is not troubled with any problems at this time.

Remarks This property has got a chance to produce ore if development work is continued in a miner like manner.

If property for sale: Price, terms and address to negotiate. The owner has given a lease and option already to Endsley.

Signed.....

A. C. Nebeker.

Use additional sheets if necessary. Separate sheets on each problem.

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date Aug. 3-46

1. Mine: MONTEZUMA
2. Location: Sec. 15422 Twp. 6N Range 4W Nearest Town Morristown
Distance 3 1/2 miles SW Direction W. bank Hassa Pond Condition Good
3. Mining District & County: Vulture
4. Former Name of Mine: Ryland
5. Owner: Arizona Lead Co.
Address: 611 Professional Bldg.
6. Operator: Daniel & Campbell
Address: Box 213 Wickenburg, Ariz.
7. Principal Minerals: Lead, silver, gold, antimony, iron.
8. Number of Claims: 4 Lode _____ Placer _____
Patented Yes Unpatented _____
9. Type of Surrounding Terrain: Property consists of a main dyke lying on the contact of the schistose and porphyry with a strike of from West of North to East of South.
10. Geology & Mineralization: Surface croppings of this dyke carry values in lead, silver and gold with bunches of chlorides and barbonates of copper in detached deposits.
The secondary deposit consists of a ledge or dyke following a fault fracture through the schistose.
11. Dimension & Value of Ore Body: Undetermined, being developed at the present time.

CB

76

12. Ore "Blocked Out" or "In Sight": None

Ore Probable: Questionable

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts	200	
Raises	100	
Tunnels	300	
Crosscuts	200	
Stopes	150	

14. Water Supply: Abundant - Hassayampa River

15. Brief History: Property was operated by the Aztecs and because of the red color later was operated by the Indians for the same purpose, material was used as dyes. Then the property was operated by the Spaniards who mined in the typical Spanish method, a large "Glory Hole" left as a result of their workings. The ore was packed on burrows to the Hassayampa River then carried down on barges to the Gulf where it was shipped to San Francisco. When the S.P.R.R. was built the ore was then shipped in wagons to Maricopa. During World War one a large amount of ore was removed from the mine, treated at the American Smelter & Refining Co. in El Paso. In 1942 the property was operated by Geo. Dillard, a mill was placed on the property. Low grade ores operated through the mill and a very rich body of ore was opened up consisting of lead, silver, gold, antimony and iron. The lead averaged about 64%. This was also treated at the same smelter.

16. Signature: *E. Payne Palmer, Pres.*
Arizona Lead Co.

17. If Property for Sale, List Approximate Price and Terms: This property is a member of the Palmer family and is not for sale. It is one of our treasures.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine MONTEZUMA GROUP

Date November 19, 1942

District Vulture, Maricopa Co., Ariz.

Engineer A. C. Nebeker

Subject:

Owner: M. D. Pitt, Morristown, Arizona

Operator: B. L. Endsley (Lessee), General Delivery, Prescott, Arizona.

Principal Metals: Copper and silver.

Production Rate: Just getting started.

Power: Amt. & Type--Gasoline Engines.

Operations: Present--Just getting old works in shape to start work.

Operations Planned: To put in new collar sets in shaft and retimber where needed and then sample ore vein and if values stand up, the 100 foot shaft will be deepened and drifting will be done and ore taken out as fast as possible.

Number Claims, Title, Etc.: 5, these claims were located many years ago and title has been held by doing assessment work each year.

Description: Topog. & Geog.: These claims are located $5\frac{1}{2}$ miles west of Morristown, on the west side of the river and adjoins the Arizona Mining Company's Property. Elevation approximately 2000 feet, and the hills more or less rolling with shall steep sided washes or gullies cut through them. The vegetation is the Arizona Desert growth.

Mine Workings: Amt. & Condition--One incline shaft which is reported 100 feet deep, and this may have a drift off the bottom. This shaft has an incline dip of 72 degrees and the collar is caved and it needs retimbering and muck cleaned out before the bottom can be seen.

A short distance west of the above shaft there is another shaft which is caved and depth not known. There are also two cuts along the vein, still farther west.

Geology & Mineralization: The geology consists of granite, schist and quartzite. The general strike of the formation is east and west. The mineralization of iron, silica and copper ores make along the contact of the granite and schist. Ores, carbonates and silicates of copper.

Ore: Positive & Probable, Ore Dumps, Tailings: There is no positive or probable ore blocked out. There are several tons of ore left on the dumps of the various workings. It is reported that leasors a few years ago shipped ore carrying 11% copper. The ore on the dump looks as if it will carry 5% copper. The vein from which this ore came is 2 to three feet thick with a higher grade ore of 4 to 6 inches thick running down the middle. Some places on the surface the ore spreads over 3 feet.

Road Conditions, Route: The distance to the property is $5\frac{1}{2}$ miles and the road is good. The only time one might have any trouble is when a flood comes down the river, and then one should park until the storm is over.

November 19, 1942

Water Supply: Plenty of water can be had by shallow wells on the side of the river.

Brief History: There is very little history on this property, but it is reported that ore was shipped from here in the past when the price of copper would permit it.

Special Problems, Reports Filed: No reports have been made as yet, and the Lessee is not troubled with any problems at this time.

Remarks: This property has got a chance to produce ore if development work is continued in a miner like manner.

If property for sale: Price, terms and address to Negotiate. The owner has given a lease and option already to Endsley.

(Signed: A. C. Nebeker)

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Montezuma

Date Nov 17th, 1942

District Vulture, Ariz.

Engineer A. C. Nebeker

Subject: Pitt, via Dr Palmer

I spent a good half day with Mr Pitt, going over his mining claims with him.

Mr Pitt pointed out the locations and corners of his ground and showed me the work he has done or had done on his mining claims. He also showed the conflicting Palmer locations.

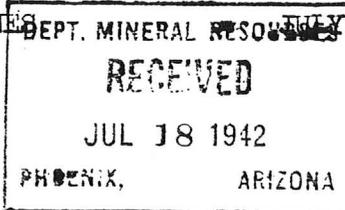
From what I saw and heard, I think Mr Pitt has nothing to worry about. I can not see a chance of him being the ~~winner~~ loser.

I told Mr Pitt, that it was my opinion that our Department could not take sides one way or other in such disputes.

A. C. Nebeker



By A. C. Nebeker



Dr. Palmer Mine
Morristown

PALMER MINE
Dr. Palmer, E. Payne
Phoenix, Ariz.

Owner,

This mine is located 5 miles west of Morristown, about $\frac{1}{2}$ mile across the Hassayampi River, Maricopa Co. Arizona.

There is a good road from Morristown to the mine.

This mine is a lead-silver producer of past record. It did not produce the past year, but now is being worked by Mr Dillard under a lease agreement. The owner furnishes all supplies, Mr Dillard all labor and the returns are split 50*50.

The lessee is not at present doing any under ground mining. They are cleaning up the old dumps and milling.

They are equipped with a gravity type mill using gasoline driven engine for power. The mill consists of a 6X 10 Jaw crusher, from which the ore goes to a Jig the ~~first~~ first step in concentrating. The huch from jigs go to the two shaking tables for final cleaning of the concentrates. The tailings from both the Jig and Tables go to the tailings pond.

The concentrates assaying 65% to 80% lead.
The mill has a capacity of 50 tons per day.

The ore from the old mine dump is dragged to the head of the mill with a "CAT" and Scraper.

When the dump has all been sent through the mill, Mr Dillard then expects to go in the mine and first clean up the fills and mill them after which development and mining will be started under ground.

The ore makes in a fault fissure along a limestone contact with a schistose-porphyr hanging. The vein shows a thickness in places of 10 feet. It has a strike of east-west and dips steep to north.

All the ore being handled now is the leavings from shipments highgraded from the vein, so there is no way to tell until new faces are opened up, what the ore assays

Water for milling is pumped from a well in the river bottom about $\frac{1}{4}$ mile away, and plenty of water can be had even for larger operations.

Concentrates made are shipped to El Paso Texas.

Three men are employed and work one shift per day.

Mr Dillard has charge of operations.

A.C.Nebeker



July 6, 1942

CONFIDENTIAL

Palmer ought to be very well satisfied with this deal as the number was issued on my say-so. It cost us about \$ 7.50 for eats and drinks to get this trick pulled, but I gathered that for some reason or other you wanted to make a showing with the old bird so I didn't spare the horses for entertainment or verbal persuasion.

Bill

And I hope we don't have any more on the list like Palmer!

United States Senate *W*

MEMORANDUM

July 6, 1942

Am trying hard to get this Payne Palmer stuff
on the 6 o'clock plane so you will get it tomorrow.

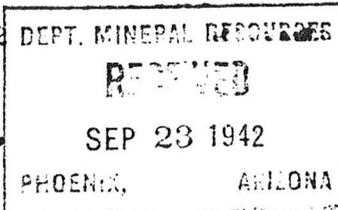
#

I received the envelopes OK, tell Edna.

Bill

DWIGHT L. JENNINGS, M. D.
4660 MARYLAND AVENUE
ST. LOUIS, MO.

Sept. 19, 1942



Arizona Dept. of Mineral Resources,
Phoenix,
Arizona.

Dear Sirs:

I am writing you relative to a lead property that my family is interested in located in Maricopa County and known as the Arizona Lead Company. It is described as follows- The Mammoth, Black Jack, and Constance Craig, all patented mines or mining claims, situated in the Vulture Mining District about three miles southwest of Hot Springs Junction.

I shall appreciate any information you can give me as to the status of this property.

Also I should like any information available about the Arizona Central Mining Company property in which we are heavily interested. This property is located in Yavapai County about twenty one miles south of Prescott in the Bradshaw Mountains in what was called the Hassayampa Mining District. There are twenty one claims to this property. Has the government required the usual amount of assessment work to be done on this property for the past five or six years, and what is the general status of this property?

Yours truly,

Dwight L. Jennings, M.D.
Dwight L. Jennings, M.D.

CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	ORDINARY
DAY LETTER	URGENT RATE
SERIAL	DEFERRED
OVERNIGHT TELEGRAM	NIGHT LETTER
SPECIAL SERVICE	SHIP RADIOGRAM

Patrons should check class of service desired; otherwise the message will be transmitted as a telegram or ordinary cablegram.

COPY OF WESTERN UNION TELEGRAM

DAY LETTER

July 2, 1942, Phoenix, Arizona

TO: W. C. Broadgate, Hotel Harrington, 11th & E Sts., N.W., Washington, D.C.

Reurtel Palmer's Arizona Lead Co. incorporated 1910 now in good standing.

Arizona Lead Co. of Yuma Holmes operating name not incorporated in Arizona.

Palmer's company legally qualified and insists retain use of name. Holmes

rather than Palmer should be asked to change name. Sorry.

J. S. Coupal

CLASS OF SERVICE DESIRED	
DOMESTIC	FOREIGN
TELEGRAM	FULL RATE CABLE
DAY LETTER	DEFERRED CABLE
NIGHT MESSAGE	NIGHT CABLE LETTER
NIGHT LETTER	WEEK-END CABLE LETTER
SHIP RADIOGRAM	RADIOGRAM

Patrons should check class of service desired, otherwise message will be transmitted as a full-rate communication

Postal Telegraph

THE INTERNATIONAL SYSTEM

Commercial
Cables



All America
Cables

Mackay Radio

RECEIVER'S NUMBER
DEPT. MINERAL RESOUR
CHECK RECEIVED
JUL 3 1942
STANDARD PHOENIX, ARIZO

Send the following message, subject to the terms on back hereof, which are hereby agreed to

FORM 8

July 2, 1942 193

To Arizona Department of Mineral Resources

413 Home Builders Building
Phoenix, Arizona

If Dr. Palmer will wire me the name of his mine and a changed name for his company such as Arizona Lead Producers, I can get him a serial number immediately. He can go through the legal steps of changing name at his leisure.

W. C. Broadgate

CHECK SERVICE DESIRED OTHERWISE MESSAGE WILL BE SENT AT FULL RATE	
DOMESTIC	FOREIGN
FULL RATE	FULL RATE
DAY LETTER	CDE RATE
NIGHT LETTER	URGENT
SERIAL	DEFERRED
RESERVATION	NIGHT LETTER
TOUR-RATE	SHIP RADIO

Postal Telegraph

Mackay Radio
Commercial Cables



All America Cables
Canadian Pacific Telegraphs

CHARGE ACCOUNT NUMBER	
CASH NO.	TOLLS
CHECK	
TIME FILED	(STANDARD TIME)

Send the following message, subject to the Company's rules, regulations and rates set forth in its tariff, with regulatory authorities Form 5

To Arizona Department of Mineral Resources,
Street Address 413 Home Builders Building
City Phoenix, Arizona

RECEIVED
 JUL 9 1942
 PHOENIX, ARIZONA

Dr. Palmer may use serial number four eight dash one eight eight if he will key all priorities applications to the style Montezuma Mine of Arizona Lead Company.

W. C. Broadgate

Sender's Full Name (if not shown) and Address for Reference

Sender's Telephone Number

BOARD OF GOVERNORS:
CHARLES F. WILLIS, PHOENIX
CHAIRMAN
DR. N. H. MORRISON, PHOENIX
VICE-CHAIRMAN
SHELTON G. DOWELL, DOUGLAS
L. V. ROOT, KINGMAN
LOYDE C. EDMONSON, GLOBE
W. J. GRAHAM, SECRETARY

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
413 HOME BUILDERS BLDG.
PHOENIX, ARIZONA

J. S. COUPAL, PHOENIX
DIRECTOR
W. C. BROADGATE, PHOENIX
ASSISTANT DIRECTOR
W. J. GRAHAM, PHOENIX
ASSISTANT TO THE DIRECTOR
FIELD OFFICES AT
GLOBE - KINGMAN
PRESCOTT - TUCSON



October 28, 1942

REPLY TO

DEPT. MINERAL RESOURCES
RECEIVED
DEC 9 1942
PHOEN

Local Board No. 3
Selective Service
Phoenix, Arizona

Dear Sirs:

I am enclosing a DSS Form 42A, affidavit to support claim for occupational deferment, which has been mailed to me by Dr. E. Payne Palmer, Professional Building, Phoenix--President of the Arizona Lead Co.

Very truly yours

J. S. Coupal
J. S. Coupal, Director

JSC:RA

Encl.

Lorraine: We cannot find where this man is registered.

BT

Local Board No. 3
Maricopa County

OCT 29 1942

645 W. Jefferson St.
Phoenix, Arizona

STATE HEADQUARTERS
Selective Service

NOV 5 - 1942

318 Professional Bldg. Phoenix, Arizona

Phoned Dr. Palmer & get information in this.

81
013
003

December 21, 1942

Colonel Frank J. Duffy
313 Professional Building
Phoenix, Arizona

Dear Colonel Duffy:

I am enclosing a revised affidavit of occupational classification for E. J. Pfeil. You may recall this case where deferment was asked by the Arizona Lead Company, E. Payne Palmer, President, and we were unable to locate the local board where Mr. Pfeil was registered.

From this affidavit, Mr. Pfeil was registered at Local Draft Board No. 1, Sidney, Nebraska, and his present address is Box 342, Wickenburg, Arizona.

I may say that this property in its recent development has encountered a fine showing of lead ore and the property ought to produce continuously from now on.

I would recommend that Pfeil be reclassified.

Very truly yours,

J. S. Coupal
Director

JSC:kk
Enclosure

Montgomery

H.

October 28, 1942

Local Board No. 3
Selective Service
Phoenix, Arizona

Dear Sirs:

I am enclosing a DSS Form 42A, affidavit to support claim for occupational deferment, which has been mailed to me by Dr. E. Payne Palmer, Professional Building, Phoenix--President of the Arizona Lead Co.

Very truly yours

J. S. Coupal, Director

JSC:BA

Encl.

September 25, 1942

Dr. Dwight L. Jennings
4660 Maryland Avenue
St. Louis, Missouri

Dear Dr. Jennings:

The Arizona Lead Company mining property in the Vulture Mining District has been operating on some lead ore and is at present doing further development. I believe you can get full information on this property from Dr. Payne Palmer, Professional Building, Phoenix, who is president of the Arizona Lead Company.

I am sorry I can give you no further information regarding the Arizona Central Mining Company property in the Hassayampa District. The government did require the usual amount of assessment work during the past few years but this assessment work has been waived and for the year 1942 and 1943 all that has been necessary to do has been to file an intention to hold.

On the Arizona Central Mining Company I find a note that D. A. Seeman is secretary and manager. His address is Groom Creek, Arizona, and I would suggest that you write him for further information. As far as I know the property is not active at this time.

Yours very truly,

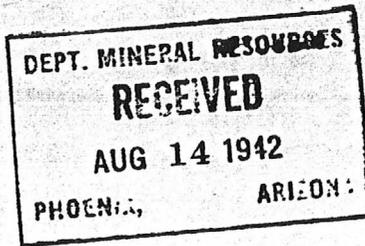
J. S. Coupal, Director

JSC:LP

MEMO

Operating Mines

By A. C. Nebeker



Aug 11th 1942

Dr Palmer Mine
Morristown Ariz.

Mr Dillard who is operating the Palmer mine out 5 miles west of Morristown has finished running the old dump through his mill and is now shaping to draw the fillings from the old stopes. He has a steel headframe over the shaft and is setting the hoist engine.

There are several hundred tons of fillings which as far as can be sampled carries 20% lead.

After the old fills are cleaned out Dillard expects then to develop in new ground.

There is 3 men working.



DEPT. MINER RESOURCES
RECEIVED
JUL 10 1942
PHOENIX, ARIZONA

WASHINGTON, D.C.
July 8, 1942

W

SUBJECT: Arizona Lead Company
Confusion of names

There seems to be a little misapprehension.

The suggestions that our people be asked to avoid this as much as possible is for their protection and to help the war program. It is just one of those things that happen. Apparently my memos on this subject have not been read very carefully. The WPB would like to avoid such confusion if it could... we must help them all we can.

Regarding the Pride of the West.. I know this is an old mine name, but do they have to do business in this style?

There's just no use kicking against the condition here, that's just the way it is with rapid turnover of green clerks, etc., and we have to face it and work out our own policy to aid. It is no plot on the part of bureaucrats to hold things up in this case at least.

Let's ask our people in a nice way to try and pick a style for doing business that will not duplicate another too closely, at least within the State, without blaming the WPB.

Bill

Bill Broadgate

July 7, 1942

MEMORANDUM

ARIZONA LEAD COMPANY

To: W. C. Broadgate

From: J. S. Coupal

I have yours of the 3rd relative to Arizona Lead Company and I must confess that I appreciate Dr. Palmer's position. The truth is that Dr. Palmer does not give a darn whether he produces lead or not. He has a property that can produce lead and because the Government wants it he patriotically is spending his own money to build plants and get into production when he knows he is not going to make any profit. He finds himself up against all kinds of obstacles and it does not take many of such obstacles to have him say "to hell with the whole business. They do not want lead as badly as they say they do."

Now comes a case where someone has stolen a name to which he is legally entitled and they ask the man who owns the name to go to the expense and trouble of changing it when, as a matter of fact, the person who stole the name, accidentally or otherwise, would have no expense or trouble to change it, as it was not a legal name anyway. Of course, Holmes probably did not even bother to look up and see whether there was an incorporated Arizona Lead Company. Palmer's property has been the Arizona Lead Company since 1910, whereas the Holmes' people have been operating under the partnership name of Holmes and Nickerson and have only recently adopted the Arizona Lead Company name.

I note your comment regarding the Pride of the West. As I recall it this is a very old time patented mine and that is the name of it. If they are going to try to keep from having the same names of companies even in different states they are going to have a heck of a lot of trouble because there are many many mines of the same name.

I agree with you that we should do our part in helping. We are doing a great deal to induce people to produce and our hardest job is to keep them producing in the face of the obstacles thrown in their way by Washington bureaus. They are getting more and more inclined to say "what's the use".

I have just received your wire relative to Dr. Palmer's serial number and I think that it is a happy solution. We surely appreciate your getting action on this rather complicated case. Evidently the luncheon you were to have with Wilbur Nelson today did the trick.

Washington, D.C.

July 7, 1942

DEPT. MINERAL RESOURCES

RECEIVED

JUL 9 1942

PHOENIX,

ARIZONA

EP

SUBJECT: Priorities, Mine Number,
Arizona Lead Company,
Dr. E. Payne Palmer

Your memo of the 6th is at hand this evening, and am I astounded!

Thank the Lord Palmer is satisfied and will key his applications to Montezuma Mine, otherwise I could see myself wearing out what little welcome anyone has with the Priorities Section hunting out applications and certifications for this that and the other gone astray in the files.

This was no easy dish and you ought to cash in on Palmer's satisfaction in at least word of mouth publicity. The war would probably have been over before he got any action if it had not been for us.

Bill

Bill Broadgate

Am closing this file.

Phoenix, Arizona
July 6, 1942

OFFICE MEMO: A.C.Nebeker

SUBJECT: Arizona Lead Co.

Dr. E. Payne Palmer who owns the Arizona mine, Arizona Lead Co., just west of Morrystown, has had difficulty in obtaining a priority serial number. You have a meeting in Morrystown on Friday and in Wickenburg on Saturday of this week. While in that district, I should like to have you call upon Mr. M. D. Pitt at Morrystown. Mr. Pitt will go with you to the Palmer property. Pitt's property is merely a prospect, but he would like to get a development loan. Please look it over and advise him.

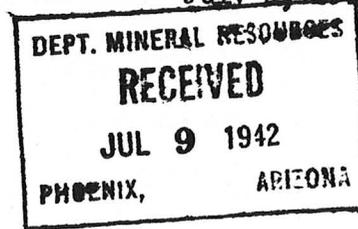
On the Arizona Lead Co, I should like you to get me complete information - its development, the mill and the probable tonnage.

I may write you later in the week regarding an assignment for access-road work next week, but I cannot say definitely until I hear from Washington on the requirements.

J. S. Coupal,
Director

Washington, D.C.

July 6, 1942



SUBJECT: PRIORITIES, MINE NUMBER
Arizona Lead Co.
Dr. E. Payne Palmer

With a good deal of difficulty I have straightened this matter out with a device which I hope will keep Palmer's blood pressure down, keep the WPB files straight and, if Palmer will carefully follow instructions, prevent confusion on future priorities applications under the number.

If it was not for the metals so much needed for the war, my feeling would be to tell Palmer to go jump in the lake, when he quibbles about so small a matter to get so important a matter done.

However, now he will not have to change the company name.

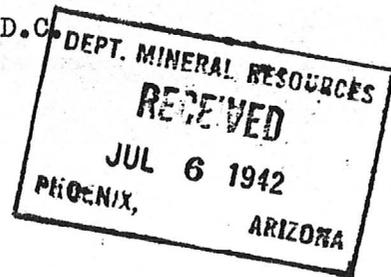
But he must be very careful that all and any priorities applications that go in MUST BE keyed to the name of his mine, as that is now the name under which his docket is filed to avoid confusion. Any letter he writes about priorities should have at the top "Montezuma Mine" and the serial number. Of course his letter head will carry the company name.

And any forms he sends in on priorities must feature "Montezuma Mine", and preferably "Montezuma Mine of the Arizona Lead Company".

If he does this religiously, he should have no trouble. If he does not follow instructions, we should not have to dig his lost applications out of the limbo to which they will undoubtedly be accidentally relegated.

Bill Broadgate

Washington, D.C.
July 3, 1942



SUBJECT: Arizona Lead Company
Mines number.

I have both the Coupal and Willis letters on this subject.

It is very hard for me to see why Dr. Palmer should be incensed at something which certainly is little trouble and which would help him, but perhaps he is just that way and it is his business.

If you can get Holmes to make the change to a really different style it is OK with us.

When you ask for results in cutting red tape or confusion, I go for the nearest exit and propose what will give the results, however fantastic it may seem to our client. The Palmer-Holmes outfits will probably be in continuous trouble, not only in this case but with other branches, and when PDIA's and other requests come in, I am holding my breath but I can guess just about what will happen.

I know about Holmes adding "of Yuma", but this won't help much.

As soon as I got that "Pride of the West" memo last night, I knew what had happened there also. It had.

It would be an excellent idea to inform our people that they should not duplicate or approximate existing names, even in other states, if they can help.

Remember that Holmes is already fixed up in his applications, that the additional words have been filed, and yet the confusion exists.

I asked that I be informed about the actual name of the mine, thinking that I might get filings made that way, but I guess Palmer was so "incensed" that he didn't get around to it, or perhaps he renamed the mine after his company?

The files in this case have not turned up, up to this afternoon, and I doubt if they ever will.

Palmer had better refile on the new forms I sent you and take pot-luck. But it is going to be a continuing nuisance to everyone if Holmes and Palmer don't get together and agree on contrasting designations. This is just one of those things that occur where vast temporary files are being set up and we should do our part to help.

Bill
Bill Broadgate

July 3, 1942

MEMORANDUM

PRIORITIES

ARIZONA LEAD CO.
DR. E. PAYNE PALMER

To: W. C. Broadgate

From: J. S. Coupal

I am enclosing an application for a serial number under preference rating order No. P-56 for the Arizona Lead Company on the Montezuma Mine.

The Arizona Lead Company was incorporated in 1906 and at the expiration of the charter in 25 years the company was allowed to remain dormant until 1937 when a new charter was given under the same name. Dr. Palmer cannot see why he should be asked to change the name of the company when there is such a difference in the name of the Holmes' unincorporated operating company, namely, the Arizona Lead Company of Yuma, which is a newcomer in the field.

All Dr. Palmer wants is a serial number so that he might make certain purchases of equipment in order to complete his 50 ton mill. He has made some arrangements on a pump and belt/which will complete his installation.

If you will note in the application for serial number there are only three at present employed. The mill is not yet complete but will be in a few days and at that time ten or more men will be employed in getting out the ore.

You will note there are 5 shafts totaling 360 feet and a large glory hole. In fact there are two or three large glory holes on the property from which they will be able to obtain a sizeable tonnage of low grade ore to fit the 50 ton mill. They will undoubtedly have to employ more than ten men to keep this mill running. Dr. Palmer has spent several hundred thousand dollars mining in Arizona and has kept his operations solvent at all times.

The estimate of ore reserves at 250,000 tons positive is what Dr. Palmer stated and claims it is substantiated by competent engineers. He states the probable tonnage as questionable but he believes from the engineers reports that there is a large probable tonnage and his questionable merely means a question as to the tonnage.

Confidentially, arrangements were made to get the pump and belting and a PD-1A application was made but it was not in the correct form and I believe the application was made with an idea of applying for the serial number, as no specific items were mentioned.

Dr. Palmer is very much opposed to changing the name of his company which he has used for over 35 years. If the name is the only difficulty in obtaining a serial number for Dr. Palmer, I believe Dr. Palmer should stand firm as the name Arizona Lead Company and Arizona Lead Company of Yuma are 2 distinct names and should not be confusing to the Washington records. This may take some persuasion on your part to get a serial number with the vague information but I believe it is worthwhile for you to try.

Washington, D.C.
July 2, 1942

DEPT. MINERAL RESOURCES RECEIVED JUL 3 1942 PHOENIX ARIZONA
--

PRIORITIES

SUBJECT: \ Arizona Lead Company,
Dr. E. Payne Palmer,
Morristown, Ariz.

I hope I am wrong, but I imagine Dr. Palmer will be right annoyed at the suggestion that he change the name of his company, especially as the Holmes outfit is the newer. But it is our job to help them get the metal out and if some little detail like this will help, the client mustn't carp about it.

The root of the trouble of course, is the duplication of names, as Charlie realized. It is almost impossible to file the mess of correspondence that comes to Washington anyway and with duplications like this it will be nearly impossible for Palmer to get service out of any of the Branches without his letters and applications getting misplaced or questioned, as the Branches themselves do not want to duplicate either.

I cooled my heels for more than an hour today while file clerks ransacked the files for Palmers file, and nothing could be located but the Holmes file. Application and all seemed to be missing. That is probably the reason for Palmer not getting quicker replies. Even the original of Nelson's letter to Charlie did not turn up.

Naturally, the WPB does not want to extend this possibility of confusion, so we came to the arrangement that if Palmer will change the name of his company so as to avoid future similar troubles, they will issue for me a number at once.

Of course, some more radical change than I mention would be better, but I thought he might have some pride in the present name or its length of use, and the introduction of an extra word would not disturb it much. As I gather it is a family company, there should be no trouble. If it is ^{an} incorporation, the addition of Inc. might help still further.

Charlie knows many of the difficulties here, and that this is not the captious request that it might seem to be on the surface. It will help everyone all around.

The actual steps necessary to legally change the name can be done later.

The WPB will tie up the changed name with Palmer's application when the file turns up.

As Holmes already has a number, hence is senior as far as the Priority Branch is concerned, it is best for him to change.

I wired on this as Charlie indicates he wants quick action.

Bill Broadgate

July 2, 1942

MEMORANDUM

ARIZONA LEAD COMPANY

To: W. C. Broadgate

From: J. S. Coupal

I have talked with Dr. Palmer and have read him your wire suggesting that he change his company name so that he can get a serial number immediately.

The Arizona Lead Company was incorporated in 1910 and remained in good standing for the 25 years when by statutory limit their charter expired. They re-incorporated January 15, 1937 and have been in good standing ever since that time.

George Holmes formed the Arizona Lead Company of Yuma and that company is not incorporated in Arizona and the name may only be an operating name without incorporation. I am not sure of that point, however.

Dr. Palmer is very much incensed at this request to change his company name and refuses to do it and I believe he is justified in view of the facts mentioned above.

I do hope you can go to work on getting the serial number without the change and if a change is necessary, it should be a change on the part of the Arizona Lead Company of Yuma.

July 2, 1942

Mr. W. C. Broadgate,
Harrington Hotel,
11th and E Streets,
Washington, D. C.

Dear Bill:

We received your telegram relative to Dr. Payne Palmer's Arizona Lead Company changing its name.

Dr. Palmer's company was incorporated in 1906 and has continuously been in good corporate standing.

The Arizona Lead Company of Yuma is not incorporated and has no legal right to the use of the name.

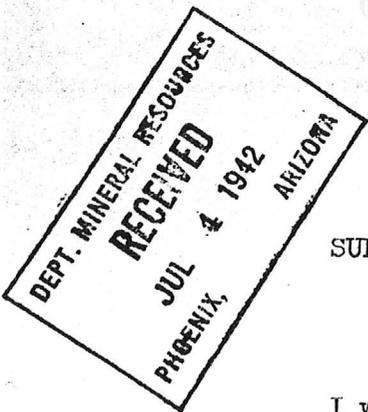
It certainly is unfair to ask Dr. Palmer to go to the expense and trouble of changing the name to which he is legally entitled when the other fellows can change their name without any formality. As a matter of fact, the Arizona Lead Company, operating near Yuma, has recognized that it has no legal right to the use of that name and now is operating under the name "Arizona Lead Company of Yuma". That company should be notified both by the Priorities and Quota sections that the name has been changed. As a matter of fact, the legal designation of that company should be Holmes & Nickerson.

It will be appreciated if you can help straighten this out.

Yours very truly,

CHARLES F. WILLIS, Chairman
Board of Governors

CFW:MH



Washington, D.C.
July 2, 1942

SUBJECT: PRIORITIES,
Mine Serial Number
Arizona Lead Company

I wonder if by accident I enclosed two copies of my wire and report of yesterday on this subject in my last letter? I am unable to find my copy in my files and think perhaps I put both your copy and my file copy in the same envelope. If so, please return one copy for my files.

I have your wire of even date regarding Dr. Palmer's refusal to change the name of his company.

Dr. Palmer is under no compulsion to change the name of his company.

Mr. Holmes, having a serial number, is under no necessity of changing the name of his company.

I was afraid that Palmer might take this attitude.

I cannot see how the change will affect the good standing of Palmer's company in any way, but that is his business. It sounds a little like the Dutchess who was miffed at being two places too low at the table.

I understood Palmer wished an immediate serial number. We devised a way of cutting the red tape and getting it, as a practical matter and not involving anyone's pride. If it is not worth that much to Palmer to help himself and the war effort, OK. The boys at the WPB are doing their best under the press of business, and anything that can be done to make it easier for them to do business in this mess should be done as a matter of course. Lack of cooperation in the field is undoubtedly the cause of a lot of the delay here, and the sooner the clients realize this, the more we will be able to do for them.

I wish to repeat that the good standing of Palmer's company is not in question, and the WPB doesn't insist that he change its name.

It was a nice immediate solution to a problem which will probably take some time to work out, now. You can't blame the WPB for not liking to issue numbers to companies of the same name with the possibility of much confusion, as can be seen from what has already occurred.

Kindly discuss this with Palmer once more.

Bill
Bill Broadgate

Phoenix, Arizona
June 6, 1942

OFFICE MEMO

SUBJECT; SERIAL NUMBER
MONTEZUMA LEAD MINE OF ARIZONA!!!!

Just phoned your telegram on this subject to Dr. Palmer and he said for me to tell you that you are a prince for having hit on this thought. It clarifies the whole situation, and Dr. Palmer is particularly pleased at retaining the old name of the mine itself in connection with the company name. He will undoubtedly use this same keying on his other operations.

JSC

MEMO: from EBM

GREAT GOING, BILL. WE HEAR YOUR PRAISES ON ALL SIDES. THE PICTURES ARE GREAT. YOU CERTAINLY TAKE A NATURAL PICTURE. IT WAS GOOD TO SEE YOUR FACE. MRS. PORTER SAID WE OUGHT TO FRAME IT, BUT SAM MIGHT GET JEALOUS AT OUR PARTIALITY! Seriously though, Bill, you are doing a SWELL job, and it is being talked about to a great extent. Every one says no other man could fill the bill. I thought you'd like to know.

EBM

Washington
May 25, 1940

W

Subject: Priorities
Mine Serial Number
Arizona Lead Co.
Willis' letter of May 20 to
Dr. Wilbur H. Nelson

Perhaps Nelson has all the information on the subject company necessary, but I would not want to approach him on this deal without knowing more. Judging from the data furnished me:

1. The fact that this mine has shipped and mined high grade lead ore - but no statement of amount being shipped or what has been shipped, or what may be expected, except generalities.
2. They are building a 50 ton mill for lower grade ores. No mention of when mill may be completed. What development work and blocked tonnage of what grade ore do they have to support a 50 ton mill? Is it actually all 10%?
3. They have been working from 4 to 6 men - how much development for a 50 ton mill could they do with this crew? Isn't there enough mill crew to bring up the total?
4. On what basis does this property promise to be an important producer?

If Nelson has no better data I don't blame him for not giving this mine better attention for a serial number. Should Nebeker look into it?

Give!

Bill Broadgate

Incorporated Under the Laws of the Territory of
Arizona.

The Arizona Mining AND Development Company

CAPITAL STOCK, \$3,000,000.00
PAR VALUE ONE DOLLAR PER SHARE

OFFICERS:

M. DWIGHT JENNINGS, M. D.	<i>President.</i>
J. E. JACKSON	<i>Vice-President.</i>
S. H. STEWART	<i>Secretary.</i>
PETER MOHN	<i>Treasurer.</i>
E. J. BONSALE	<i>Manager.</i>

DIRECTORS:

J. E. BONSALE, M. E., Phoenix, Arizona
J. E. JACKSON, Capitalist, Phoenix, Arizona
M. DWIGHT JENNINGS, Physician and Surgeon,
St. Louis, Mo.
PETER MOHN, Funeral Director, Phoenix, Arizona
J. LAHROY SLUSHER, St. Louis, Mo.
S. H. STEWART, Bookkeeper and Collector, Val-
ley Bank, Phoenix, Arizona
LEWIS E. THOMAS, Railroad Business, Centralia,
Illinois.

REFERENCES:

VALLEY BANK, Phoenix, Arizona.
PHOENIX FIRST NATIONAL BANK, Phoenix, Arizona.
MISSOURI TRUST COMPANY, ST. LOUIS, Mo.

PRINCIPAL OFFICE:

118 North Center Street, PHOENIX, ARIZ.

BRANCH OFFICE:

4101 Washington Avenue, - ST. LOUIS, MISSOURI

A Condensed Statement of the Properties Belonging to the Arizona Mining and Development Co.

The group of mines owned by the Arizona Mining & Development Company and the opportunity now offered to secure an interest in their properties is of paramount interest to the discriminating investor for several good reasons, a few of which will be found on the following pages.

1st: The mines of this company, better known as "The Old Ryland," are not prospects, but are enormous mines, partially developed, which, by crude working in the latter seventy's and eighty's produced many thousands of dollars in lead, gold and silver.

2nd: Lead is the most valuable of the staple minerals in the United States. The demand is far greater than the supply.

3rd: The estate under whose administration the mines were so long tied up has released them, the Arizona Mining & Development Company has purchased them, and, with modern machinery, skilled management and increased railroad facilities, will within a short time place them in the foremost rank of producing mines in the west.

Historic Record of the Old Ryland Mines!

The history of the Old Ryland dates back far beyond the era of habitation by the white man in Arizona, when the Aztecs moved undisturbed in their chosen land, but the first bona fide record of their discovery was made by Jack Swelling in 1868, though no actual development work was done until 1879, when the mines were relocated by Black Jack and Joe Fugit; from this date the mines were in almost constant operation, producing thousands of tons of high grade ore, though the great distance at that time to the nearest railroads and smelters rendered it both a difficult and expensive task to market same. The final death, however, of a subsequent owner, Mr. Frank Ryland, from whom the property takes its name, brought active operations to a standstill, except the annual assessment work, which was done by his estate, and from whom the Arizona Mining & Development Company succeeded in purchasing the property.

o o o

The Mines: Their Location and Formation.

The property known as the "Old Ryland Mines" consists of the famous Black Jack group, located in the well-known Vulture Mining district, three miles west of Morrystown, Maricopa county, Arizona. These properties consist of four mineral claims and two mill sites, water-rights, aggregat-

ing 110 acres. The formation in this district is calcite and chists of endless variety, these formations being precisely the same as those of the Vulture mine, about eight miles distant from this property, and which has produced upwards of \$30,000,000 in ore values in the past.

The Black Jack vein is a true fissure; its course is eastwardly or westwardly, having a dip from the surface to the north at an angle of thirty-two degrees.

o o o

Transportation, Water and Mill-Sites.

The main line of the Santa Fe, Prescott & Phoenix Railway runs through Morrystown, the nearest station to the mines, which is about three miles distant, and which is connected with the mines by a first-class wagon road.

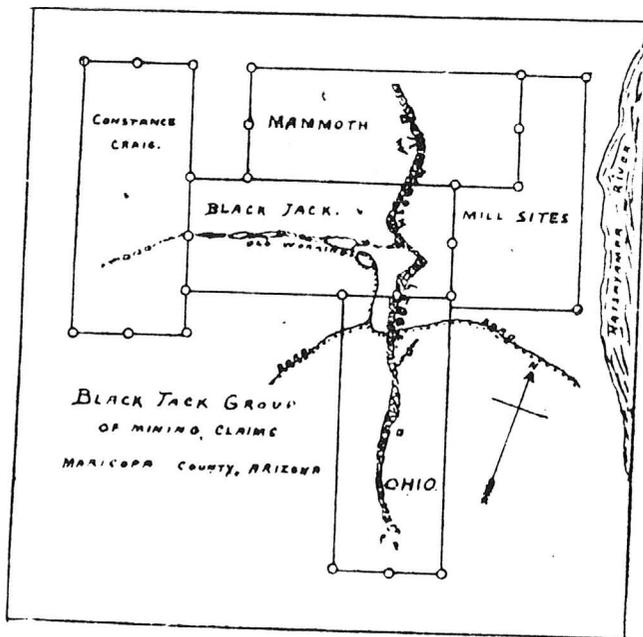
The water supply is ample, one of the boundary lines of the property being the Hassayampa river. This gives an ideal mill-site on the east end of the claims, affording as it does every possible advantage for milling purposes, owing to proximity to water, accessibility to transportation, etc.

o o o

Climatic Conditions.

The climatic condition, which figures a very prominent part in the development of any mine, is such as to enable operations to be continued with perfect satisfaction throughout the entire year; it never gets too hot or too cold to work in this district.

Plat of Properties of the Arizona Mining and Development Company.



Development.

The total underground development to date in this property consists of two shafts and about 200 feet of tunneling.

Shaft No. 1 is 80 feet deep and in ore all the way.

Shaft No. 2, near the west end of the Black Jack claim, is down 105 feet and in solid ore.

In shaft No. 1 considerable stoping has been done and this is the working from which most of the shipping ore was taken. The work on these two shafts, with their drifts and stopes, compose all the underground workings to date. The fertile nature of this ore-bearing fissure is remarkable when it is understood that the entire workings of about 600 feet, both vertically and horizontally, is in one continuous ore body.

The character of the Black Jack ore is a sulphate (anglesite), containing large kidneys of sulphide (galena). The ore also carries gold, silver and copper, as well as lead, and being high-grade in the latter, it commands a ready market.

o o o

Ore on Surface.

As the result of the development up to date, there is from 25,000 to 30,000 tons of ore in the old dumps that will average at least \$14.00 per ton. This ore is sortings from the rich ores that were shipped years ago. These old dumps will be a source of great value when the company erect their concentrating plant.

ASSAY VALUES.

No.	MARK ON SAMPLE.	GOLD.		SILVER.		Copper.	Lead.
		Oz. per ton	Value per ton	Oz. per ton	Value per ton	Per Cent	Per Cent
1	Valena	5	.51	4.70	2.25		70.72
2	Bottom of Shaft No. 1	200	.92	4	1.92	1.73	45.35
3	Iron stained ore next to N. wall	500					
4	East side of shaft No. 1	97	9.99	1	.48		
5	W. side of shaft No. 1	200	Trace	3.50	1.68		39.81
6	Dump at mouth of shaft	"	"	5.25	2.52		30.
7	Extreme east dump	"	"	1	.48		20.
8	Shaft No. 2	13		3	1.44		11.15
9	Shaft No. 2	200	1.33	.75	.36	8.27	6.08
10	Shaft No. 2	Trace		.60	.28	6.39	5.07
		12	1.23	1.30	.62	6.93	6.21
		200					

Management.

To a very large degree the success of any enterprise depends upon its management. Recognizing this fact, the practical work at the mines will be under the direct supervision of Mr. E. J. Bonsall, of Phoenix, a thoroughly reliable mining man with 25 years' experience in this line. The other members of the board have been selected from among the stockholders because of their integrity and conservatism.



A Short Talk About the Company and Its Holdings.

The Arizona Mining & Development Company is incorporated under the laws of Arizona for a term of twenty-five years, with a capital stock of \$3,000,000, divided into as many shares at a par value of \$1.00 each. All stock is fully paid up, non-assessable and carries no personal liability.

The company has absolute possession and holds a clean and clear title to the "Old Ryland properties" as herein referred to.

The treasurer of the company is under Guarantee Bond No. _____, of the Pacific Surety Company, of California, in ample amount to at all times protect the stockholders against any possible loss in that direction.

There is required additional capital for betterments at the mines themselves—the sinking of shafts, installation of modern machinery, erection of stamp mills, etc., and it is for this reason

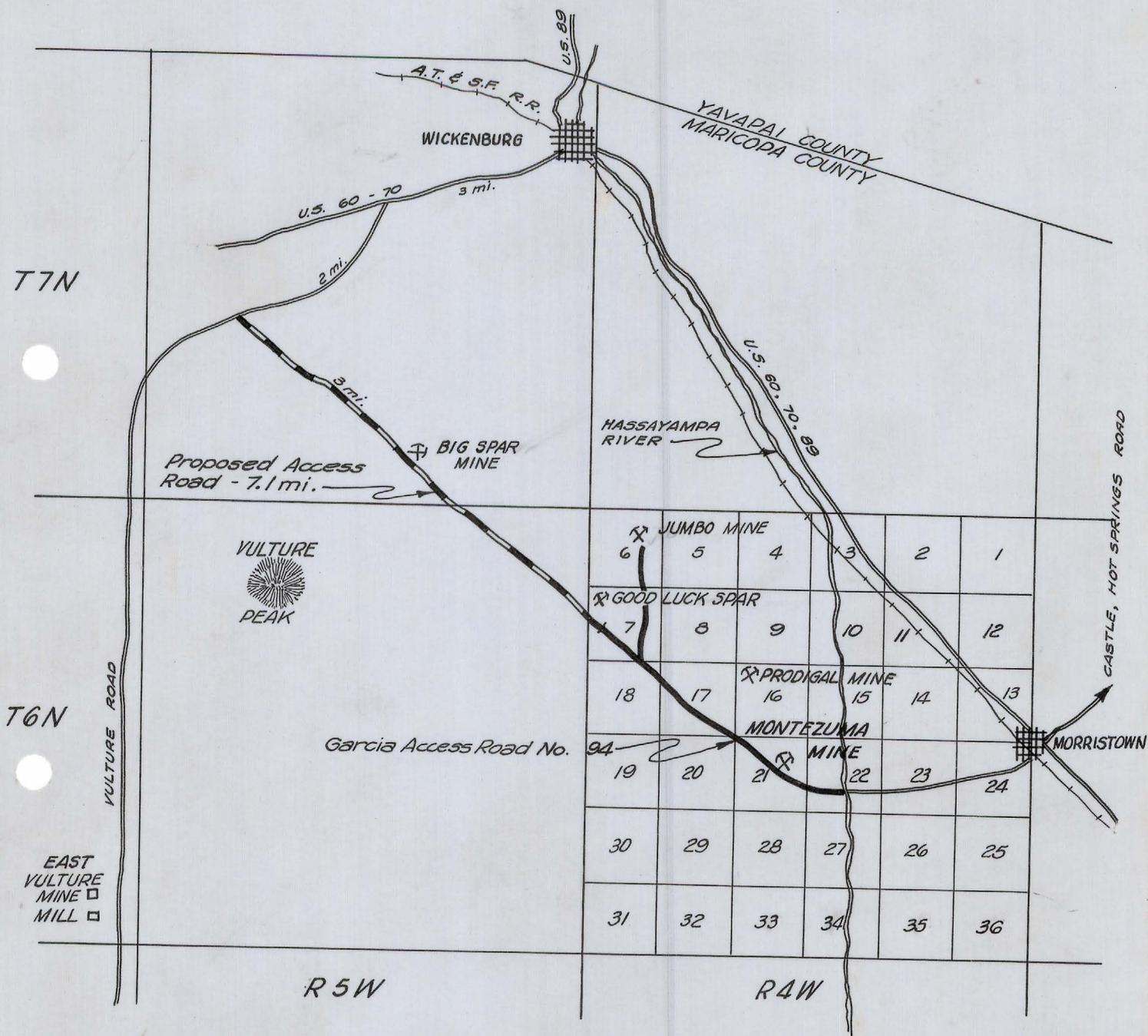
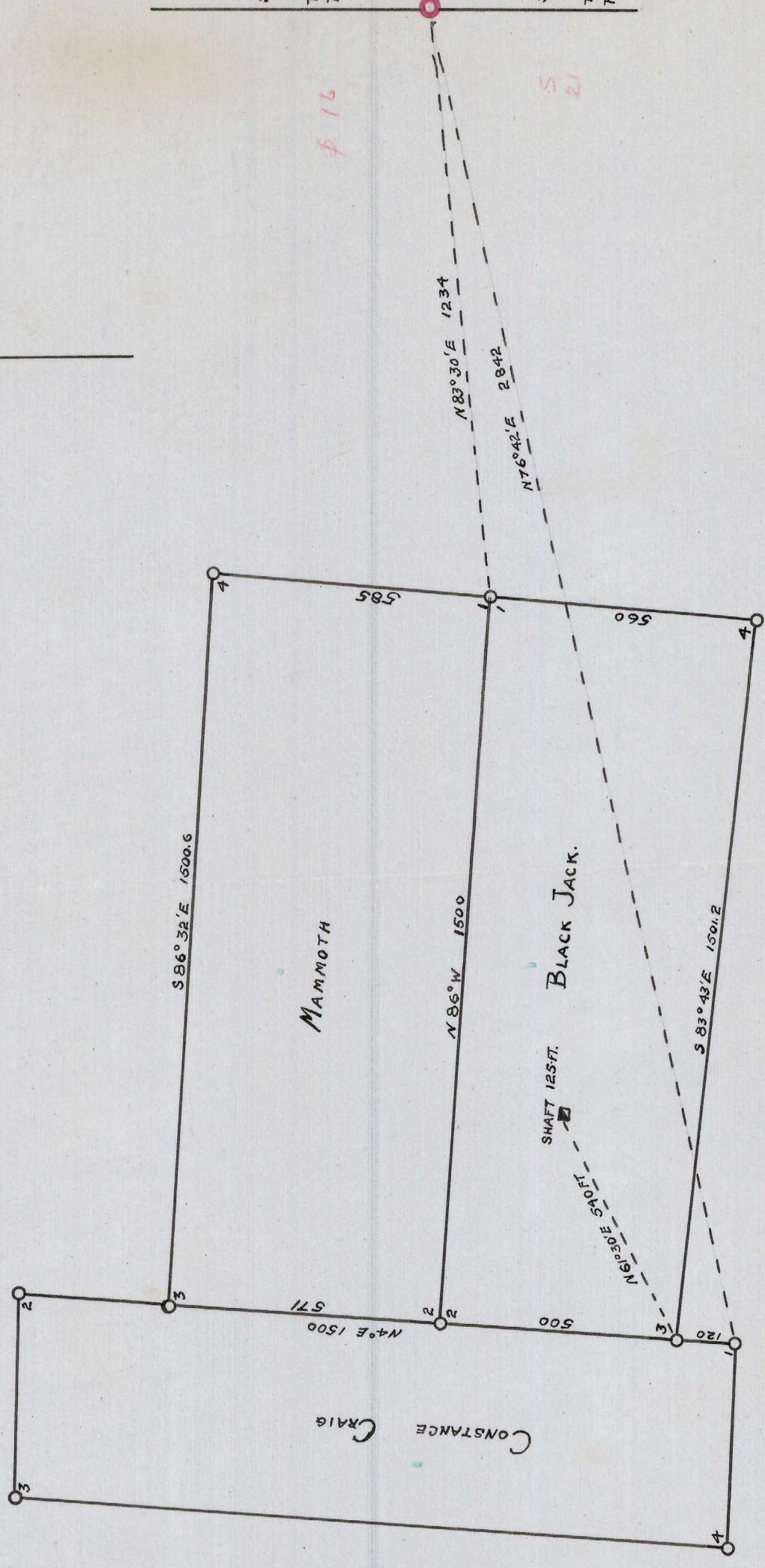
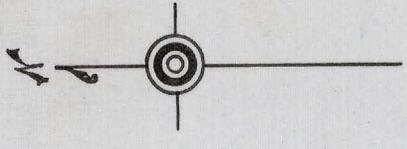


FIG. 1-MONTEZUMA MINE ACCESS ROAD NO. 138

15106



SCALE 1/4" = 300 FT.

Se 11 T6 R4

Se 22 T6 R4

P 16

S 21

N 83° 30' E 1234

N 76° 42' E 2842

S 86° 32' E 1500.6

MAMMOTH

N 86° W 1500

BLACK JACK.

S 83° 43' E 1500.2

N 4° E 1500

CONSTANCE CRAIG

SHAFT 125 FT.

N 63° 02' E 510 FT.

2

2

500

120

3

3

3

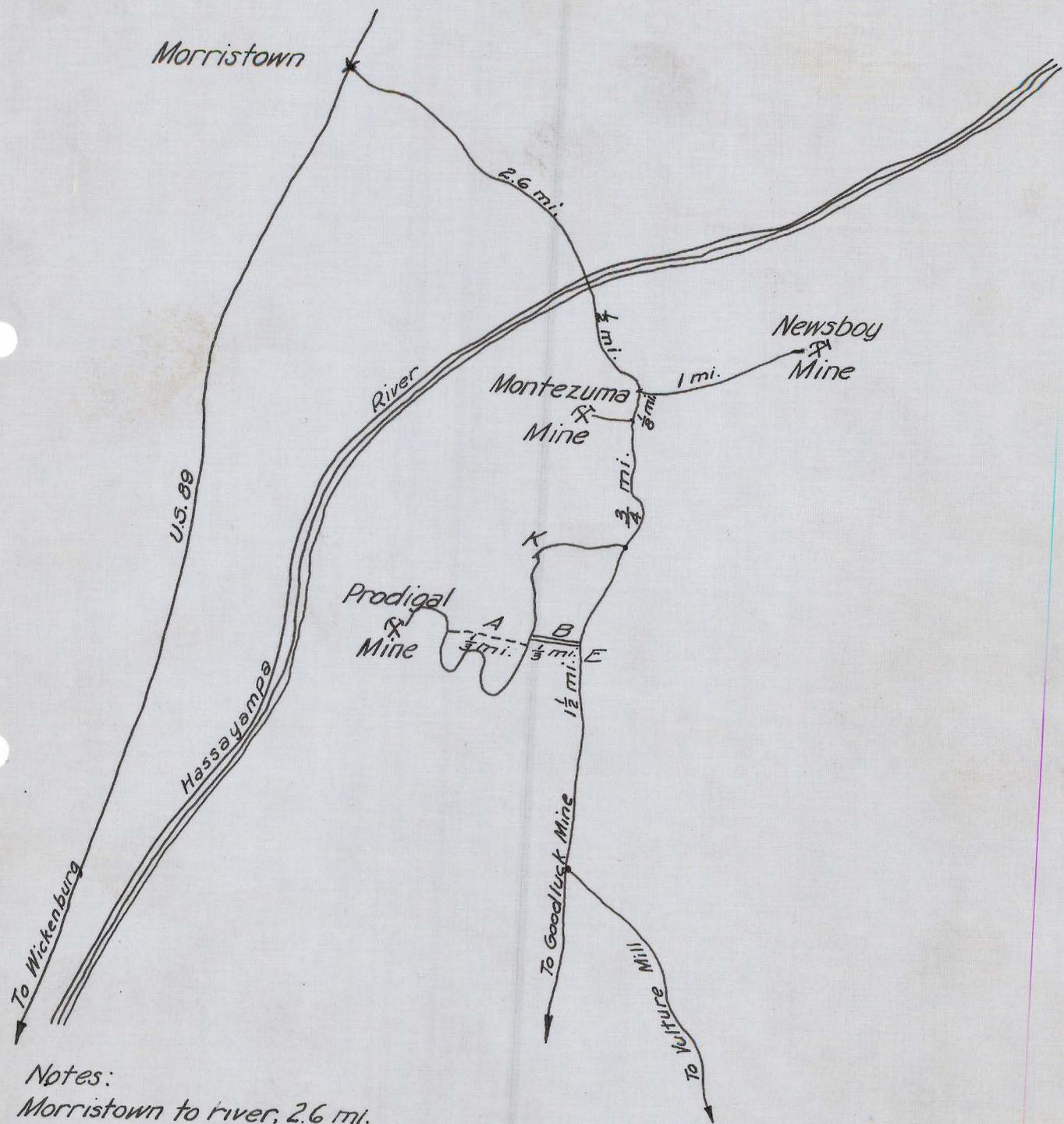
3

4

585

560

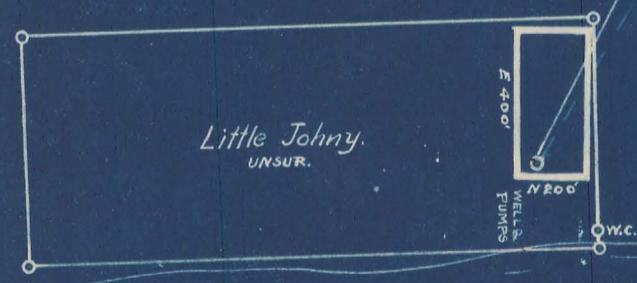
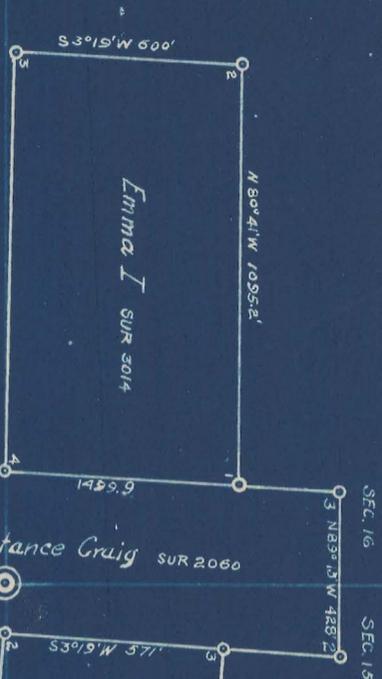
4



Notes:
 Morrystown to river, 2.6 mi.
 River to Newsboy fork, 1/2 mi.
 Newsboy fork to Montezuma fork, 1/8 mi.
 Montezuma fork to Prodigal fork, 3/4 mi.
 Prodigal fork to Prodigal Mine, 1 1/2 mi.

Prodigal
15014

AR # 95



SEC. 21 SEC. 22
T 6 N R 4 W GSRBM

CERTIFICATE OF SURVEYOR

I, ALFRED, OF PHOENIX, ARIZONA, DO HEREBY CERTIFY THAT THIS MAP WAS MADE FROM NOTES TAKEN DURING AN ACTUAL SURVEY MADE BY ME ON SEPTEMBER 28, 29, 1920, AND THAT IT CORRECTLY REPRESENTS THE WORKS DESCRIBED IN THE ACCOMPANYING APPLICATION.

Alfred

MAP
ACCOMPANYING APPLICATION TO
APPROPRIATE WATER
BY
E. PAYNE PALMER
PHOENIX, ARIZ.
SCALE 300 FT. = 1 INCH.

Mineral Survey No. 2060
 Lot No. Prescott Land District.

PLAT
 OF THE CLAIM OF
Arizona Mining & Development Co.
 KNOWN AS THE

**MAMMOTH
 BLACK JACK and
 CONSTANCE CRAIG**
 IN Vulture MINING DISTRICT,
 Maricopa COUNTY, Arizona
 Containing an Area of 52.55 Acres.
 Scale of 300 Feet to the inch.
 Variation 14.35 E.
 SURVEYED May 1-2, 1905 BY
Francis B. Jacobs,
 U.S. Deputy Mineral Surveyor.

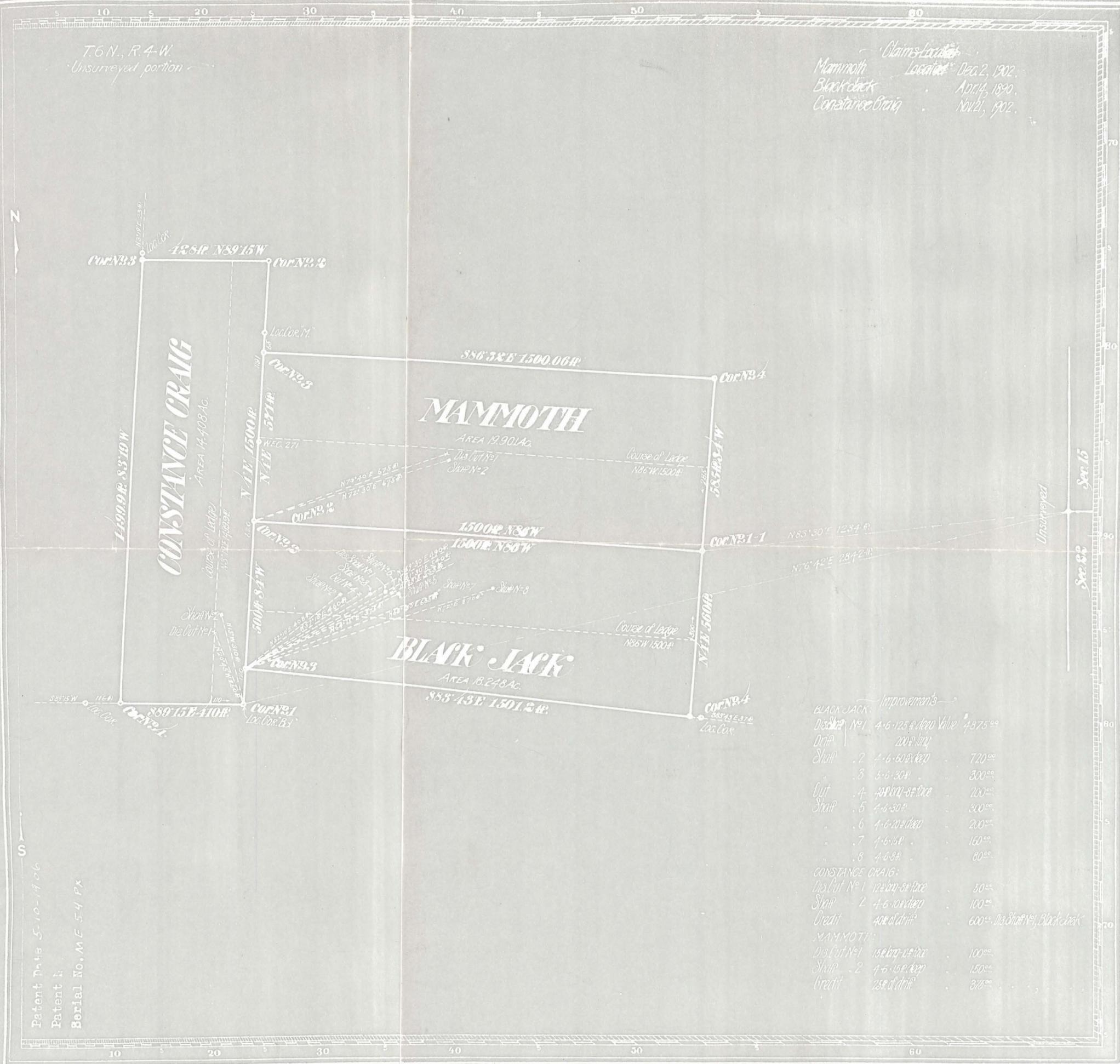
The Original Field Notes of the Survey of the Mining Claim of
Arizona Mining & Development Co.
 known as the
Mammoth, Black Jack & Constance Craig

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claims by claimant or its grantors, and that said improvements consist of

See Table

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.
 And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office, *Frank C. Ingalls*
 Phoenix, Arizona U.S. Surveyor General for
 June 19, 1905 **Arizona**



Improvements

BLACK JACK:			
Dis. Cut No. 1	4-6-125 ft deep	Value	4875.00
Drift	200 ft long		
Shaft	2 4-6-60 ft deep		720.00
	3 5-6-30 ft		300.00
Out Shaft	4 4-6-10 ft surface		200.00
	5 4-6-30 ft		300.00
	6 4-6-20 ft deep		200.00
	7 4-6-10 ft		160.00
	8 4-6-8 ft		80.00
CONSTANCE CRAIG:			
Dis. Cut No. 1	12 ft long on face		50.00
Shaft	2 4-6-10 ft deep		100.00
Credit	400 ft of drift		600.00 - Dis. Shaft No. 1, Black Jack
MAMMOTH:			
Dis. Cut No. 1	15 ft long on face		100.00
Shaft	2 4-6-15 ft deep		150.00
Credit	250 ft of drift		375.00

Patent Dts 5-10-1906
 Patent No. ME 54 PK
 Serial No. ME 54 PK

T.6 N., R.4 W.
 Unsurveyed portion

Claims Located
 Mammoth Located Dec. 2, 1902.
 Black Jack April, 1890.
 Constance Craig Nov. 2, 1902.

