



CONTACT INFORMATION

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PEACOCK MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 582

LOCATION: TOWNSHIP 15 S RANGE 22 E SECTION 25 QUARTER C
LATITUDE: N 32DEG 06MIN 02SEC LONGITUDE: W 110DEG 03MIN 13SEC
TOPO MAP NAME: DRAGOON - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

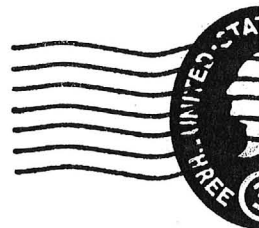
COMMODITY:

COPPER OXIDE
SILVER
GOLD LODE

BIBLIOGRAPHY:

ADMMR PEACOCK MINE FILE
THE COPPER HANDBOOK, 1912-1913
KEITH, S.B., 1973, INDEX TO MINING PROPERTIES
IN COCHISE COUNTY, AZ, AZ BUR. MINES BULL.
187, P. 58
ADMMR "U" CARD COCHISE CU-07

MINERAL RESOURCES
Arizona
ng, Fairgrounds
ARIZONA



Insufficient address



Mrs. Frances M. Miller

~~Dragoon,~~

~~Arizona~~

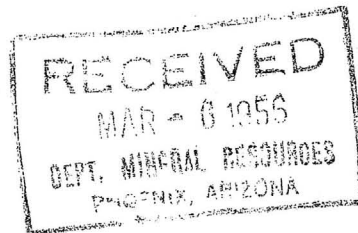
Bethel Home for Aged
Wichita Kansas

✓ Peacock Mine or Cochise Cu, Zn, Ag 1/48
• Gingham Group
Former name- Nabob
17 lode claims
6 mi. from Dragoon S.
Sec. 25, T 15 S, R 22 E

Reported to have been acquired by the Keystone
Copper Co.

~~Please file this under Keystone Copper Mining Co.~~

See my report on the Keystone Copper Mining Co.
under separate cover.



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

Date 1- 1948

1. Mine: Peacock Claims re Gingham Group
2. Location: Sec. 26 Twp. 15S Range 22E Nearest Town Hagoon
Distance 6 miles Direction South Road Condition good
3. Mining District & County: Cochise Mining Dist, Cochise Co Ariz
4. Former Name of Mine: Peacock Mining Co.
5. Owner: ✓ Mrs Francis M. Miller + C W Miller
Address: Hagoon Ariz 2501 E Douglas
Wichita Kans
6. Operator: + agent R. R. Miller
Address: Hagoon Arizona
7. Principal Minerals: Copper, Zinc + Silver
8. Number of Claims: 17 Lode Claims Placer
Patented no Unpatented yes
9. Type of Surrounding Terrain: see Engineer Reports
and maps for the following
information, which are inclosed
10. Geology & Mineralization:
11. Dimension & Value of Ore Body:

Dragoon Ariz. Dec. 4th '47
Department of Mineral Resources
Mineral Bldg. Fairgrounds
Phoenix Ariz.

Roger C. Manning, Field Engineer

Dear Mr. Manning.

Mr. R. P. Singleton handed us a letter
written by you to him, with a blank
mine owners report to be filled out by
us, which you will find attached to your
reports and maps for your infor-
mation. Sorry to have missed you
when you were up to the Peacock property
and Republic mine. If you come up
to the Johnson Camp again, we live just
off the Main Highway from Benson to
Wilcox. When you turn off this high-
way to go to Republic mines, you turn
left on this first side road
off highway and drive about $\frac{3}{4}$ of a
mile west, go thru gate, the house sets
back about $\frac{1}{4}$ mile to left you can see
house.

The Republic people the one where
we live. Their incline shaft is
down around 1600 ft. at the 1300 ft.
level they encountered a North and
South fault which they had to go
thru, with this fault and their in-
cline to 1600 puts them very close to
the end line of Gingham No 2 of the
Pacrock group. In 1922 the A.
S. & P. made a thorough examina-
tion of the Republic property with
several engineers for the purpose of
buying the mine, the Co. price was too
high, and copper taken a big slump,
which stopped them from taking the
property, but the engineers reports
were very favorable. This Republic
shaft and its trend as shown on
the map of claims was taken off
of the A. S. & P. map. This report and
the trend of the big ore shoots, will
give you a better understanding

of the Peace etc ground, and the
importance to the trend of ore
from the Republic and Key Stone
ground, and I believe Mr. Stearns,
the Mine engineer would be glad
to show you these maps & reports.
We would like to get some thing
started on this "Peace etc" property
before we are too late, waiting for
the Colorado Copper to do some-
thing. and we have been told the big
company's have an understanding
and don't want to interfere.
Please send, or bring back these
reports, as they are all we have.
Please give my regards to Mr.
Dunning, Very truly yours,
U. P. Miller

P.O. Box 53, Flagston Arizona
U. P. Miller. (Here is hoping we will
see, or hear from you
soon.)

413 Home Builders Bldg.
~~XXXXXXXXXXXXXXXXXXXX~~

June 17, 1942

Mr. T. C. Miller
Dragoon, Arizona

Dear Mr. Miller:

Your letter of June 7, together with the report on the Peacock Mine, which was forwarded to Mr. Willis, and which he acknowledged, has been referred to this department.

We are placing this information in our files along with the mine owner's report of the Peacock Mine, and will have it for reference which we can use on any inquiries about your property.

Very truly yours,

J. S. Coupal,

Director

JSC:GS

June 8, 1942

Mr. T. C. Miller,
Dragoon, Arizona.

Dear Mr. Miller:

I have your letter of the 7th and wish to thank you for the copy of the report on the Peacock property. I am turning this report over to the Department of Mineral Resources for their files as they can utilize it much more effectively than we can.

It is true that the U. S. Bureau of Mines is looking for places to drill for copper and zinc ores and the recent visit of Mr. Storne was for the purpose of giving you a preliminary examination. You undoubtedly will hear from him further.

I am pleased to enclose a couple of copies of the form "Notice of Intention to Hold".

With kindest personal regards, I am

Yours very truly,

CHARLES F. WILLIS,
State Secretary

CFW:MH
Enclosures

Dragoon. Ariz.

6/7/42.

Mr Chas F. Willis.
Title and Trust Bldg.
Phoenix. Ariz.

Dear Mr Willis;-

I am sending you a copy of an Engineers Report of the Peacock Property, but the heading states the Nabob Mining Co, we expected to Organize but never did, so we still call it the Peacock, thinking perhaps this report might give you a better idea of the Property.

An Engineer by the name of Storme was here Sat morning looking over the camp, he was in a hurry to get back to Tucson so did not stay very long, he said he would be back next week, so we look for him back some time about the middle of this week, he said he was with the Bureau of mines, that is the U. S. Bureau and that they were looking for places to drill for Copper and Zinc ores, I dont believe he would find a better District then this if they are looking for Copper and Zinc ores. Hope Mr Geo Ballam gets here this week also.

I wish you would send me another Form for filing notice of intention to hold claims. The Republic are getting out almost two cars of ore a day now. I will enclose a stamp for the Form.

Yours Respectfully.

J. C. Miller.

MP-220

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

1

Date June 7, 1940.

1. Mine Peacock
2. Mining District & County Cochise Dist.
Cochise Co.
3. Former name Nabob
4. Location 6 miles from Dragoon
Station on S.P. railroad
5. Owner Nabob Mining Co.
6. Address (Owner) Dragoon, Arizona.
7. Operator
8. Address (Operator)
9. President W. W. Miller
10. Gen. Mgr. W. W. Miller
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Copper ✓
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present
19. Operations Planned
20. Number Claims, Title, etc. 17 claims
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition Shaft 245 feet
Several shafts, open cuts and tunnels.

23. Geology & Mineralization **Garnet - replacement in limestone**

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

24-A Vein Width, Length, Value, etc. **Replacements**

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route **Good**

27. Water Supply

28. Brief History

29. Special Problems, Reports Filed

30. Remarks

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

Wrote Answer
32. Signed.....

From report by J. R. Hubbard, Mining Engineer.

7/16/24

33. Use additional sheets if necessary.

date disagrees on original

P2 of 2

Peacock Mine
ENGINEERS REPORT.
OF THE NABOB MINING COMPANY.
OF THE COCHISE MINING DISTRICT.
DRAGON. ARIZ. 7/16/24

Mr W. W. Miller. Pres and Mgr.
Dragon. Ariz.

Dear Sir- According to your request. I hereby submit to you my Engineers Report on the Nabob Mining Co. This report is based upon a thorough knowledge of the Nabob property, and other properties of the District, such knowledge being obtained after three years residence in the District the greater part of which time I put in as consulting Engineer for the Keystone Copper Mining Company, whos property adjoins the Nabob Property on the south.

During this time I thoroughly examined all of the Properties of this district and thus worked out the geology of the District and the relation ship of the known ore bodies of the Nabob Co.

LOCATION.

The Nabob Mining Co, which is one of the well known properties of the Cochise Mining District, comprises of 17. full mining claims, or approximately 340. Acres. of mineral bearing ground. this property adjoins the Republic mine on the west side and the well know Keystone on the south and west.

A branch line of the S. P. R. R. runs from Dragon Station to this District which crosses the property. it also has advantage of direct telephone and mail service. Dragon Station is located on the main line of the S. P. R. R. which is six miles from the mine.

TITLE.

The Nabob Group of claims are owned by the Nabob Mining Co, with general office at the mine. The title of the property is perfect, the owners, and their grantees having been in quiet possession for many years.

GEOLOGY.

The ore bearing formation in this district is like that of others of the great Copper, Silver, Gold camps of southern Ariz. notable Bisbee. in these various Mining Districts rocks of the same geological age shows this mineralization and the underlaying cause of the mineralization in each of these districts is exactly the same.

An intrusive granite forms the core of the Little Dragon Mountains, being approximately eight miles in length from north to south and five miles in width, on every side of the granit core the sedimentaries pitch away from its flanks at various dips. in the vicinity of the Nabob property the sedimentaries pitch easterly with a dip of about 34. degrees.

The granite was originally forced into the present position from depth into molten rock. It pushed into the overlying sedimentaries which consisted of shale, sandstone and limestone, during such an action the sedimentary rock in the vicinity of this molten rock were subjected to intense heat and pressure as well as the chemical action of hot water, steam and gasses given off by the molten mass, this caused the sedimentaries to become broken and cooled and baked. The resultant of this action was that the shales were transformed to schists, the sandstone to quartzites, and the limestone to marble. In the broken sedimentary rocks great fissures developed which offered channels for the flow of hot solution and gasses which carried in solution quantities of silica, iron, copper, zinc, silver and gold and other metals, the solution gave up the metallic content in places favorable to its reception, usually in exchange for some portion of the adjacent rock. The limestones were more favorable to such exchange and thus we find the ore deposits laid down for the greater part, in altered limestone.

The above briefly explains the origin of the Mammoth, Copper Chief, Republic, Keystone and the Habob property, ore deposits in these mines are found the primary ores of the contact deposits, that is copper, zinc, and iron sulphides in a matrix of garnet.

The surface clue to the ore zone is the garnet out crop, this extends from north to south and varies in width from a few feet to several hundred feet, from north to south this garnet out crop is exposed along the surface in the Mammoth, Republic and Keystone mines, these were naturally the properties which were first developed twenty or thirty years ago.

It was sixteen years ago that Don K. Williams, who had been one of the locators of the Silver mines and had followed its fortunes as mining progressed, saw that the ore zone of the Mammoth, Republic and the Keystone mines must pass with depth into the unoccupied territory to the north and east, he figured that exactly the same conditions existed as at Silver where the ore zone of the Copper Lion mines passed into the territory which became the great mine of the Calcut and Arizona Co.

Acting upon this knowledge Don K. Williams located this extensive territory of 340. acres, now known as the Habob Mining Co, the development of the surrounding mines since that time have proven the mining knowledge and for sight of Mr Williams, for the Habob Mining Co's property is now judged by all mining Engineers acquainted with the Camp to be by far the best undeveloped property in the district and it is also judged by them that with a minimum of development the Habob Mining Co, will show the best mining property of the entire district.

FAULTS AND VEINS.

As above mentioned, the intruding igneous rocks broke up the sedimentary formation into blocks and threw these rocks into various positions according to the direction of the action of the force from below. This is called faulting, and the faults are the.

#3.

planes of fissures between these blocks. two sets of these fissures exist and these have a direction or strike at a right angle to each other.

One set of faults strikes east-west and pitch steeply to the south which is almost at right angle to the pitch of the sedimentary formation which is north, the second set of faults or fissures strike north-south and stand nearly vertical. the east-west faults or fissures have been filled with mineral bearing material, and where they are crossed by north-south faults this mineralization is strongest.

Thus we have mineral bearing veins on which occur shoots of high grade ore. During this action of the laying down of this mineral in the fissures or veins, the mineral bearing solution and gases also spread out and penetrated the more or less shattered and adjacent sedimentary rock and mineralized them, thus we find the limestone between faults more or less mineralized and this we call a dissemination of the mineral in the limestone.

In this district there occurs a great number of east-west and north-south faults only a few of which are known and have at all been developed, these occur at intervals of three to two hundred feet or less and in a mineralized region known to be two miles long and a mile and a half wide as developed.

In five places such a fault intersects along a two mile zone are ore shoots of the Mammoth, Copper Chief, O. K. and Harbormen mines, the last two being on the Keystone Property.

The Mammoth ore shoot has been developed to a depth of 400. ft this is the heart of a large body of mineral bearing ground from which has been produced a large quantity of shipping ore which averaged five percent copper, and an equal value in zinc, on each side of this ore shoot is a large area disseminated ore which runs above 1.3 in copper and 1.1/2 % in zinc.

The Copper Chief located 1/2. mile easterly from the Mammoth is a shoot of ore at the intersection of faults from which the owners state there has been produced over a million dollars in shipping ore, with an almost unlimited quantity of low grade milling ore in sight for future mining.

One mile southeasterly of the Mammoth the Republic ore shoot has been developed, to the incline depth of about 1800. ft or the vertical depth of about 600. ft this shoot of ore has produced shipping ore for its entire depth, which has produced up to the present time, estimated to be thirteen million dollars gross in shipping ore, this is the best developed ore shoot of the district and its development shows several hundred thousand tons of milling ore now blocked out and ready to be milled.

Right here is where the Nabob Mining Co becomes an important factor in future development of this District.

The strike of the east-west fault or vein of the Republic mine, is right across the Nabob ground and in following downward in mining operations the ore zone of the Republic mine was mined right up to the end line of the Nabob ground at a vertical depth on the Nabob end line of about 600, ft this fact was thoroughly established by Mr Miller before he took over the Peacock ground. the Nabob property flanks on the north and east all of the ore zone from the Republic mine south.

To sum up all of the east-west ore bearing veins of the O. K. and the Republic property that pass into the Nabob property and on the Nabob estate is so large it is not likely THAT THESE veins will ever get out of it.

The Nabob property with the large acreage is the most advantageously located property of the District, because it is the beneficiary of the vein system of the two largest properties of the district the Republic and the Keystone, which at the same time the Nabob has a well defined system of veins on its own account.

DEVELOPMENT.

The development of the Nabob property consists of several shafts open cuts and tunnels driven to open up the ore showing of the copper bearing veins of the property.

The new working shaft is being sunk on the nabob property at the point where where it will cut the east-west fault and ore zone developed in the Republic mine to the Nabob end line. this shaft is located so that it will encounter the ore zone at a horizontal distance of 400, ft in side of the Nabob territory which will give a stoping back of about five or six hundred ft, this length of stoping ground or backs should produce copper ore of a shipping grade to the gross amount of six million dollars and a like amount of lower grade ore which can be milled at a profit.

CONCLUSION.

With a known ore body of great value at a definite depth. the problem of making the Nabob property into a mine is simply a matter of sinking a shaft to the ore.

Accordingly this is one of the best opportunities I have ever seen for a mine investment, with absolutely sure returns.

Yours Respectfully.

James B. Hubbard. Mining Engineer. Copy.