



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BUNKER HILL

ALTERNATE NAMES:

BLUE EAGLE  
FOUR WINDS  
SOCORRO  
NUGGET

LA PAZ COUNTY MILS NUMBER: 83

LOCATION: TOWNSHIP 5 N RANGE 12 W SECTION 20 QUARTER NW  
LATITUDE: N 33DEG 45MIN 54SEC LONGITUDE: W 113DEG 32MIN 22SEC  
TOPO MAP NAME: SALOME - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD LODE  
SILVER  
TUNGSTEN

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 152  
ADMMR BUNKER HILL FILE  
USBM RI 5516, P. 4-7 (BLUE EAGLE & FOUR WIND)  
THE COPPER HANDBOOK, VOL. VI, P 922-3  
THE MNG RECORD, 9/28/83, P 4  
ADDITIONAL WORKINGS T5N R 12W SW1/4 SEC 18 &  
NE 1/4 SEC 19

Bunker Hill Mine

Salome 15'

Yuma County

sec. 18-20 T. 5N., R. 12W.

Reference: Arizona Dept. of Mineral Resources  
Bunker Hill Yuma Co. (file)

aka Blue Eagle, Old Turtle (in 1860)

present owner: George Campbell, Salome, AZ  
(1966 information)

previous owners: George Campbell, Salome, AZ  
and James England, Jr., Prescott, AZ.

history of the mine:

The property was formerly known as the Bunker Hill but it was relocated in 1932 by George Campbell who changed the name to Blue Eagle, with 9 claims. Campbell first began work on the property in 1937. Between 1937 and 1944, 15 car ~~loads~~ lots of ore (assay of \$14.00 to \$17.00 gold per ton) had been shipped to the Hayden Smelter and a number of short lots (2.5 to 5 ounces gold per ton) had been sold to the Wickenburg Ore Market.

In 1943 Campbell sold an interest in the property to James England, Jr.

no info on recent activity  
minerals: gold and tungsten (scheelite)



Bunker Hill Mine (cont.)

geology: quartz veins through<sup>out</sup> schist forming the hills; main vein is 4 to 8 feet wide and strikes NW-SE and dips NE 45°

in 1966 Campbell claimed a total production of \$165,000 in tungsten and silica fluxes



January 28, 1982

Mr. George W. Campbell  
P. O. Box 301  
Salome, AZ 85348

*Nugget group  
Secs 17 & 18, T5N, R12W  
Yuma Co.*

Dear Mr. Campbell:

This will acknowledge your Notice of Intent to Conduct Mining Operations for your claims, Little Nugget, Nugget No. 2 thru No. 9, and others.

Your plan of operations indicates less than 5 acres of surface will be disturbed and that you plan on rehabilitation of surface disturbance as you proceed with your assessment work.

If you have any questions, please feel free to call our Geologist, Richard Park, at 241-2947.

Sincerely,

Frank E. Daniels

Frank E. Daniels, Acting Area Manager  
Lower Gila Resource Area

RPark:fd

mm-52-5-23  
03

L6RA

P.O. Box 301  
Salome, Az. 85348

Jan. 19, 1982

ELM  
PHOENIX DISTRICT

JAN 21 1982

United States Department of the Interior  
Bureau of Land Management,  
Phoenix, Dist. Office  
2929 W. Clarendon Ave.  
Phoenix, Az. 85017

	ACT	IN	FILE
SEARCHED			
SERIALIZED			
INDEXED			
FILED			
JAN 21 1982			
ELM			
PHOENIX DISTRICT			

Sirs: P.D.O. 3809 (027)  
MN-K — Notice of intent  
to conduct mining operations - on the following  
mine claims, purpose: to do annual labor  
and evaluating area

1- Four Winds AMC 44605 Little Nugget AMC 4606  
Nugget 2 AMC 88654, Nugget 3 AMC 116851 THRU  
Nugget 9- AMC 116857 - Joey Dale 116858  
WORK-PLAN- about 150 ft from E. center end of Four winds  
and 230± from E. end of Little nugget -  
Drilling and Blasting veins - By shaft on 4 winds and  
along veins on Nugget - 2 places - depth not over  
4 ft - and 20 ft length - 4' x 4' 320 ft from E end of  
Little nugget

2- Blue Eagle 1 thru 6- AMC 44599 thru AMC  
44604 - Pay Dirt AMC 44597 and Morning Glory AMC  
44598 - Blasting ore - stock piling for evaluation  
surface to 4 ft - 10' to 20± long - workings

Diablo Gypsum Placer =

③ Diablo - 1 - AMC 51333 Diablo 51334  
Screening + removing Gypsum for garden and  
orchard use - Pick, shove and  $\frac{3}{4}$ T PICKUP -

④ White Eagles 1 thru 12 - Jungsten  
AMC 46110 thru AMC ~~46110~~ 46121 -

Operation plan =

Continue blasting along general exposure  
of Cliffs. Along side line of No 1  
and both side lines of No 2. SE end  
corner of said claims, approximately  
300 feet from S.E. End line -

on ~~each~~ groups pick shovel wheel  
Barrow - Air compressor + drill steel -  
Tractor loader and Hand sorting - methods  
Planned for operations -

Time plan = From Feb. 1, 1982 thru July 31-82,

If you need further description

let me know.

Very truly yours.

George W Campbell

ac/suc 1982



file  
per 205

STATE OF ARIZONA  
DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA 85007



October 27, 1966

Mr. George Campbell  
Box 301  
Salome, Arizona

Dear George:

I enjoyed our visit at Petegrew's Restaurant.

Since then I have studied our data on your Bunker Hill Property (also listed as the Blue Eagle and Four Winds, evidently from the 9 Blue Eagle and 2 Four Winds claims that once comprised the property. The Bunker Hill is located in Secs. 18-20, T. 5 N., R. 12 W. and approximate locations of Sec. 18, T. 5 N., R. 12 W. for the Hercules and Sec. 24, T. 5 N., R. 11 W. for the Hidden Treasure. The tungsten on your Bunker Hill claims is described in the United States Bureau of Mines R.I. 5516 (1959) p 6-7. I believe you said you had a copy of this, but if not you may yet be able to obtain it at United States Bureau of Mines, Publication Section, 4800 Forbes Avenue, Pittsburgh, Pa. 15213.

According to E gin B. Holt, former field engineer for the Arizona Department of Mineral Resources, who examined the mine briefly in 1944. You shipped 15 cars of gold bearing silica flux (over 90 percent silica) to Hayden (A.S.&R.) that carried gold values of \$14.00 to \$17.00 to the ton, and small sorted lots, that ran 2.5 to 5.0 ounces of gold to the ton to the Wickenburg ore market. The Bureau of Mines (1959) reported 19 cars of flux ore. Holt described the deposit as a series of quartz veins cutting schist. The Bureau lists schist, quartzite and gneiss (believed to have been derived from quartz diorite. The main vein according to Holt is 4 to 8 feet wide, dipping 45° NE and striking NW. He tested 800 feet along the strike of the outcrop, as revealed by workings and outcrops, with the mineral light, and reported variable amounts of scheelite, some of which is concentrated in lenses or pods, which are said to run 60-70 percent WO<sub>3</sub>. He roughly estimated that there seemed to be considerable 1 percent mill grade tungsten ore available and suggested that there could be up to \$5.00 in gold per ton in part of the area.

We would like to obtain a map of your claims, if you have one, as we have none in our files.

With kindest regards, and hoping to see you next February, I remain

Very truly yours,

LEWIS A SMITH  
Field Engineer

LAS/H

C

O

P

Y

STATUS OF DORMANT MINES

MINE NAME: (BUNKER HILL) or. Blue Eagle  
 LOCATION: Ellsworth Mining Dist. Yuma County  
 OWNERS AND/OR LEASEE: George W. Campbell + Son  
 ADDRESS: Salome ARIZONA Box 701

APPROXIMATE PRODUCTION (Year of 1945):

COPPER \_\_\_\_\_ Lbs. LEAD 1400 lbs 70% WO<sup>3</sup>  
 ZINC \_\_\_\_\_ Lbs. (OTHER) Tungsten (scheelite)  
silicious Converter Flux

CHECK THE CHIEF CAUSE OF YOUR DISCONTINUED PRODUCTION:

- (A) Easily available ore worked out.
- (B) Increased costs, but have quantity similar to past grade of ore.
- (C) Too close a margin to develop more ore.
- (D) NO MARKET IN ARIZONA

If you have ore ready to mine please give your estimate of the amount of metal (name each metal) that you could produce in one year (after allowing 60 days to get started) if there were premiums above present market prices. Name amount with a low premium, and amount at a high premium; such as:

Copper at 22 $\frac{1}{2}$ ¢ plus 5¢ premium..... 1,000,000 Lbs.  
 Copper at 22 $\frac{1}{2}$ ¢ plus 10¢ premium..... 1,500,000 Lbs.  
Scheelite approx 8,750 lbs. 60% WO<sup>3</sup>  
Silicious ore 720,000 "

If you do not have ore ready to mine please discuss the following:

- (A) Do you think a reasonable development program would produce a justified tonnage of commercial ore at above mine?

yes

- (B) With a premium price (guaranteed for one year) could you carry out such a development program yourself? What premium?

With Available Market

(C) If you could not do this yourself, would a quick drilling program by some government agency (at government expense) be sufficient?

Yes

(D) Or would you prefer a loan plan similar to the arrangements during World War II?

No.

How about a combination plan in two stages such as follows?

Stage 1: Government engineers review project and, if a little drilling appears to be justified and a preliminary key to the situation, such drilling program to be agreed upon by owner and government engineer, paid for by the government, but let by contract.

Stage 2: If results of drilling (or without drilling) justify underground development and/or production equipment, same to be obtainable via a mortgage loan on property.

Please discuss the above: Mine is ready for

production. Am now working by hand.

But need, Compresso + machines.

Just completed a small mill consisting of  
Crusher + Rolls - and Concentrating table.

For the Scheelite. Am milling scheelite +  
Concentrating to a 65% WO<sub>3</sub>. Shipping Silicious  
Gold ore to American Smelting + Refining Co.  
HAYDEN, ARIZ.

SUGGESTIONS:

Why buy duty free metals, when we  
CAN produce here at home?

DATE August 7th. 1950.

SIGNATURE

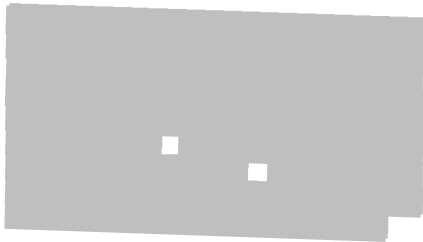
George W. Campbell  
George Campbell



NAME OF MINE: BUNKER HILL  
(7 miles S.E. of Salome)

COUNTY: YUMA  
DISTRICT: SALOME  
METALS: AU, SIO2

OPERATOR AND ADDRESS:		MINE STATUS	
DATE:		DATE:	
5/1/44	James W. England, Jr. Route 2, Box 268 Phoenix, Arizona	5/1/44	Shipping
12/44	Geo. W. Campbell, Salome	12/44	Shipping
		5/45	Idle



-Engineering and Mining Journal

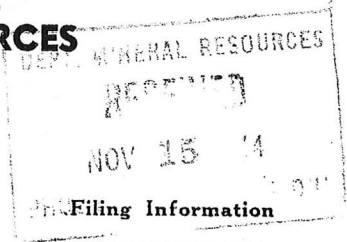
November, 1950-



**DEPARTMENT OF MINERAL RESOURCES**

**REPORT TO OPA ON  
ACTIVE MINING PROJECT**

WAR PRICE & RATIONING BOARD  
01.14.3  
SALOME E. H. M., ARIZONA



Date..... **November 4, 1944**  
 Name of Mine..... **Bunker Hill**  
 Owner or Operator..... **George W. Campbell**  
 Address..... **Salome, Arizona**  
 Mine Location..... **Ellsworth District, Salome, Arizona**

File System..... **CUMBERLAND**  
 File No..... **U**

This chart to be used for gallons of gasoline required per month.

**PRESENT OPERATIONS:** (check X)

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

**PRODUCTION: Past and Future.**

	Tons
Approx. tons last 3 months	30
Approx. present rate per 3 months	30
Anticipated rate next 3 months	90
If in distant future check (X) here	

**EQUIPMENT OPERATED:**

Type	Quantity or Horse Power	Miles or Hours Per Month	Requested Recommended	
			Gallons Required Per Month	
Personal Cars	.....	.....	.....	.....
Light or Service Trucks	.....	.....	.....	.....
Ore Hauling Trucks	.....	.....	.....	.....
Compressors	.....	.....	.....	.....
Other Mine or Mill Eqpt. <b>Hoist</b>	<b>40 HP</b>	<b>40 hours</b>	<b>40</b>	<b>40</b>

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

**siliceous gold-tungsten ores.**

**REMARKS:**

.....  
 .....  
 .....

**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By.....

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine "BUNKER HILL OR BLUE EAGLE"

Date April 19, 1944

District Ellsworth, Yuma Co., Ariz.

Engineer Elgin B. Holt

Subject:

R E P O R T

OWNERS: George W. Campbell, Salome, Arizona, and James England, Jr.,  
P. O. Box 1226, Prescott, Arizona.

METALS: Gold and Tungsten, (Scheelite).

NAME OF MINE - AREA:

This property was formerly known by the name of "Bunker Hill". It was relocated by Campbell during 1932, at which time the name was changed to "Blue Eagle"; 9 claims being staked and named, "Blue Eagle" Nos. 1 to 9 inclusive. However, on the Hayden Smelter records the property is listed as: "BUNKER HILL OR BLUE EAGLE", both names being used.

HISTORICAL - PRODUCTION:

Campbell first started work on property during 1937. Since that time todate, 15 car lots of ore, assaying from \$14.00 to \$17.00 gold per ton, have been shipped to the Hayden Smelter, and a number of short lots, running from 2.5 to 5 ounces gold per ton, have been sold to the Wickenburg Ore Market.

During April, 1943, Campbell sold an interest in property to James England, Jr., of Prescott. The reason why this property was allowed to continue operating lies in the fact that its ores are highly silicious and is desired by the smelter for fluxing purposes.

GEOLOGY - VEINS:

A series of quartz veins traverse low schist hills located about 7 miles southeast of Salome, with which the mine is connected by means of an excellent level dirt road, over which heavy loads can



be hauled by trucks.

The main vein, which is from 4 to 8 feet wide, strikes northwest to southeast and dips about 45 degrees to the northeast. It is developed for about 800 feet in length along its outcrop by a great number of open pits, cuts and short tunnels. It was from these workings that the 15 car loads of ore mentioned were mined and shipped. Campbell states that the unmined portions of this vein, from wall to wall, averages about \$5.00 gold per ton.

EXAMINATION - TUNGSTEN REPORTED:

I visited this property on April 17, 1944, in company with Campbell, Mr. Edwin W. Mills and others. Campbell had informed me that two days previously Mr. F. M. Stephens, Field Engineer, representing the American Smelting & Refining Company, had looked the property over and had discovered the presence of Scheelite in the ore by means of a Mineral Light.

We arrived at the property about dark and a little later entered most of the shallow workings of the mine for a distance along the main vein of about 800 feet. I had my Mineral Light with me and we "lamped" the vein or veins in all of these workings. As a result, we found ~~ex good grades of~~ Scheelite in all of these workings; the high grade material, estimated to run from 60 to 70% WO<sub>3</sub>, occurring in narrow streaks and bunches, while the vein material from wall to wall seemed to contain Scheelite of a grade suitable for milling. No samples were taken, so this report is merely a very brief description of property.

WORK PLANNED:

Campbell states he is planning to selectively mine and ship the better grade tungsten ore to Fernstrom & Company, Tucson, Arizona, and stockpile the lower grade tungsten material for milling at a later time; that he will also continue to ship silicious gold ores from the property to the Hayden Smelter.


REMARKS:

While this property is now in the prospect stage, there seems to be a considerable tonnage of milling ore indicated. The surface outcrop of the main vein is now opened up in fair shape for sampling. Hence, I suggest that owners should take steps to sample these workings in a thorough manner and then plot results on an assay map. This will determine whether the ore now exposed in these outcroppings is of milling grade or not. In this regard, if the average tenor of this ore should prove to contain \$5.00 gold per ton, plus 1% WO<sub>3</sub>, I will say that such grade of ore should yield a goodly profit above operating costs, if treated in a properly designed mill. Also, as the ore is oxidized material, and as the Scheelite occurs separately in bunches and in granules, it is believed the gold and the Scheelite can be recovered separately by means of a plant employing jigs and tables to produce a marketable tungsten product, followed by plate amalgamation and cyanidation, or by cyanidation alone, to recover the gold in the form of bullion.

However, the above remarks are merely suggestions. Firstly, steps should be taken to develop a large underground ore supply in the mine. Secondly, proper metallurgical tests should be carried out on the ore in order to determine exactly just what kind of a mill to build.

WATER:

This property is situated about two miles east of the old Harrisburg mill site, where there is a well that will afford an ample supply of water to run a 100-ton mill, or even larger.

  
Elgin B. Holt,  
Field Engineer.

Salome, Arizona,  
April 19, 1944.



MEMORANDUM

To: J. S. Coupal  
From: Elgin B. Holt  
Subject: Scheelite Strike in Bunker Hill, or Blue Eagle Gold Mine, near Salome. Geo. W. Campbell, Salome.

You will note by the enclosed report and NEWS ITEM that a Scheelite strike of probable importance has just been made in the mine above mentioned.

This will be a natural for milling as there is oxidized quartz containing both gold and Scheelite, the latter occurring in the form of bunches and granules, that I judge will run from 60% to 70% WO<sub>3</sub>. Campbell showed me pieces of clean Scheelite, no waste, that I would judge to run 70% WO<sub>3</sub>.

There seems to be a lot of mill tonnage exposed in the vein outcrops, that will run \$5.00 gold, per Campbell.

A mill could be erected at the old Harrisburg mill site about two miles west of property. Here there is ample well water for milling.

Kindly mail copies of my report to:

George W. Campbell, Salome, Arizona,

and to

F. M. Stephens, American Smelting & Ref. Co., P. O. Box 2229, Tucson, Arizona.

Thanks.

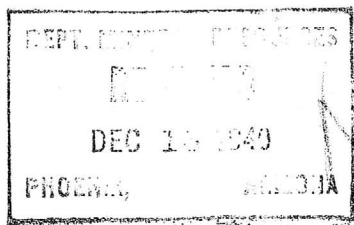
*E.B.H.*

Elgin B. Holt.

I will finish here Friday and will leave for Kingman on Saturday, April 22. As yet, I have had no news as to any action taken by the Board of Governors last Saturday. If anything of importance took place, kindly drop me a line about it.

*Elgin*  
Elgin





Salome Arizona

Dec 14. 1940

More information about My Blue Eagle  
Claims

have Recently uncovered a 3 ft vein  
of quartz that by picking out every  
piece of gold visible, assayed 58 kind  
reds - in gold one ounce in silver  
daily work with hand steel, no machine  
-ery I average  $\frac{3}{7}$  ton of ore around  
60 hundreds in gold and 1 ounce or better  
in silver, and I sort out from 20 to  
50 pounds of high grade. Out of this ore  
besides that runs 10 to 16 ounces  
in gold and the same amount in  
silver

By not being financed I pick out  
all high grade while selecting my ore  
for shipment, each car of ore, I  
gather 5 to 7 sacks of high grade, which  
I sell to the Ore buyer to help finance  
me until I make a shipment to the smelter

I am planning on shipping my  
8<sup>th</sup> Car of Ore in January 1941.  
This New ~~lot~~ Vein of Ore is  
Covered Over With a Cap of  
Quartzite about 9 feet thick and  
then a Schist. There is an  
abundance of lime through this ore.  
This Vein of Ore is on my Bunker  
hill the same claim I have made  
most of my shipments from  
road right along side of where  
I am working

Geo W Campbell

P.S

I am also sending you information  
about my gold Wyke claims

MB-17

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940.

Mine + Blue Eagle (known as Bunker Hill)

District Ellsworth, Yuma County

Location 5 1/2 miles SE of Salome

Former name Old Turtle Mine back in 1860.

Owner George W. Campbell

Address Salome, Arizona

Operator George W. Campbell

Address Salome, Arizona

President

Gen. Mgr. George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals Gold - Silver - Silica

Men Employed

Production Rate 20 ton

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present Bench work, as the veins are nearly flat

Operations Planned Opening up several places that shows high values in gold and silver

Number Claims, Title, etc. 9 claims - clear title - ~~good title.~~

Description: Topog. & Geog. 1 1/2 miles from highway  
1 3/4 miles from water, the Centennial Wash.

Mine Workings: Amt. & Condition Have shipped 6 cars of surface ore to Hayden Smelter.

*only shallow holes*  
(over)

Geology & Mineralization Ore is hard white quartz with Hematite seams.

Ore: Positive & Probable, Ore Dumps, Tailings Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 and \$10 value.

Outcrop on surface shows for over a mile - width is  $3\frac{1}{2}$  ft. - 4 ft. -  
8 ft. - 2 ft. - all large veins.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good graded roads. *1 1/2 miles from highway*

Water Supply No water on claims.

*1 3/4 miles from water, Centennial Wash*

Brief History Shipped 6 cars of ore in past 3 years.  
spent most of my time building roads.  
No engineer's report.

Special Problems, Reports Filed None

Remarks With compressors and a few men this is a good paying property as the  
Smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate. I am asking \$10,000 down and \$60,000  
for my nine claims. Payable in 3 years in yearly payments.

Signed..... George Campbell

Use additional sheets if necessary.

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

Date March 27, 1940

- 1. Mine *Blue Eagle, Known as Bunker Hill*
- 2. Location *5 1/2 miles South East of*
- 3. Mining District & County *Ellsworth, Yuma*
- 4. Former name *Old Turtle Mine back in 1860*
- 5. Owner *George W. Campbell*
- 6. Address (Owner) *Salome Ariz*
- 7. Operator *George W Campbell*
- 8. Address (Operator) *Salome*
- 9. President, Owning Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr. *G.W.C.*
- 14. Principal Minerals *Gold, Silver, Silic*
- 11. Mine Supt.
- 15. Production Rate *20 ton*
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type
- 18. Operations: Present *Bench Work as the veins are nearly flat  
Bench Work is all*
- 19. Operations: Planned *opening up several places that shows  
high values in gold & silver*
- 20. Number Claims, Title, etc. *9 Claims, clear title, good roads  
1 1/2 mile from highway 1 3/4 miles from Water, the  
centinel Wash*
- 21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition *I have one hill of good  
milling ore I have sorted out 6 cars of ore and  
shipped to Hayden Smelter not digging a hole over  
one hour*



23. Geology & Mineralization Ore is hard white quartz with  
hemimite seams

24. Ore: Positive & Probable, Ore Dumps, Tailings I sorted one small dump getting  
33 tons that netted 260 dollars, Ore in sight with  
veins in place thousands of tons, 8 and 10 dollar value

24A. Dimensions and Value of Ore body These veins shows on surface  
for over a mile Width is  $3\frac{1}{2}$  - 4 - 8 - 2 feet  
all large veins

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route good graded roads all new cars  
go to my claims

27. Water Supply No water on claims

28. Brief History I have been working these claims  
for past 3 yrs I have shipped 6 cars of ore  
making a good living. and most of my time  
29. Special Problems, Reports Filed Building roads  
No engineers report

30. Remarks With compressors and a few men this  
is a good paying property as the smelter works  
my ore for fluxing as it runs 95 per cent silica

31. If property for sale: Price, terms and address to negotiate. I am asking \$10,000 down  
and \$60,000 for my nine claims. payable  
in 3 years in yearly payments.

32. Signature George Campbell

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940.

Mine Blue Eagle (known as Bunker Hill)

District Ellsworth, Yuma County

Location 5 1/2 miles SE of Salome

Former name Old Turtle Mine back in 1880.

Owner George W. Campbell

Address Salome, Arizona

Operator George W. Campbell

Address Salome, Arizona

President

Gen. Mgr. George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals Gold - Silver - Silicon

Men Employed

Production Rate 20 ton

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present Bench work, as the veins are nearly flat

Operations Planned Opening up several places that shows high values in gold and silver

Number Claims, Title, etc. 9 claims - clear title - good roads.

Description: Topog. & Geog. 1 1/2 miles from highway  
1 3/4 miles from water, the Centennial Wash.

Mine Workings: Amt. & Condition Have shipped 6 cars of surface ore to Hayden Smelter.

Geology & Mineralization Ore is hard white quartz with hematite seams.

Ore: Positive & Probable, Ore Dumps, Tailings Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 and \$10 value.

Outcrop on surface shows for over a mile - width is 3 1/2 ft. - 4 ft. -  
8 ft. - 2 ft. - all large veins.  
Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good graded roads.

Water Supply No water on claims.

Brief History Shipped 6 cars of ore in past 3 years.  
spent most of my time building roads.  
No engineer's report.

Special Problems, Reports Filed None

Remarks With compressors and a few men this is a good paying property as the  
Smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate. I am asking \$10,000 down and \$60,000  
for my nine claims. Payable in 3 years in yearly payments.

Signed.....George Campbell

Use additional sheets if necessary.

*Salome, Ariz*

148-11

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 26, 1939

Mine Blue Eagle

District Ellsworth

Location  $5\frac{1}{2}$  miles southeast of Salome

Former name

Owner George Campbell

Address Salome, Arizona.

Operator " "

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, silver, and lead

Men Employed None

Production Rate 4 cars a year - one man.

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Operations Planned Sinking.

Number Claims, Title, etc. 9 claims, titles clear.

Description: Topog. & Geog.

Mine Workings: Amt. & Condition Bench work, open cuts, and tunnels.

(over)

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings Postive and dumps.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good - 1 1/2 miles from Buckeye Road.

Water Supply 1 1/2 miles from water.

Brief History Was worked in 60s. Considerable work done - lots of dumps.

Special Problems, Reports Filed

Remarks

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

Signed.....GEO. W. CAMPBELL

Globe, Arizona.

Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 26, 1939

Mine Blue Eagle

District Ellsworth

Former name

Owner George Campbell

Operator " "

President

Mine Supt.

Principal Metals Gold, Silver and Lead

Production Rate 4 cars a year *one man*

Power: Amt. & Type

Operations: Present

Location 5½ miles southeast of Salome

Address Salome, Ariz.

Address

Gen. Mgr.

Mill Supt.

Men Employed None

Mill: Type & Cap.

Operations Planned Sinking

Number Claims, Title, etc. 9 Claims, Titles clear

Description: Topog. & Geog.

Mine Workings: Amt. & Condition

Bench work, open cuts, and *Tunnels*

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings      Positive and Dumps

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route      Good       $1\frac{1}{2}$  Miles from Buckey Road

Water Supply       $1\frac{1}{2}$  miles from water

Brief History      Was Worked in 60's Considerable  
Work done lots of dumps

Special Problems, Reports Filed

Remarks

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

See Owner

for Sale, for terms

Signed

Geo. W. Campbell

John A. King

Bunker Hill Mine

Salome 15'

Yuma County

Sec. 18-20 T. 5N., R. 12W.

Reference: Arizona Dept. of Mineral Resources  
Bunker Hill Yuma Co. (file)

aka Blue Eagle, Old Turtle (in 1860)

present owner: George Campbell, Salome, Az.  
(1966 information)

previous owners: George Campbell, Salome, Az.  
and James England, Jr., Prescott, Az.

History of the mine:

The property was formerly known as the Bunker Hill but it was relocated in 1932 by George Campbell who changed the name to Blue Eagle, with 9 claims. Campbell first began work on the property in 1937. Between 1937 and 1944, 15 car ~~lots~~ of ore (assay of \$14.00 to \$17.00 gold per ton) had been shipped to the Hayden Smelter and a number of short lots (2.5 to 5 ounces gold per ton) had been sold to the Wickenburg Ore Market.

In 1943 Campbell sold an interest in the property to James England, Jr.

no info on recent activity  
minerals: gold and tungsten (scheelite)

Bunker Hill Mine (cont.)

geology: quartz veins through<sup>out</sup> schist forming the hills; main vein is 4 to 8 feet wide and strikes NW-SE and dips NE 45°

in 1966 Campbell claimed a total production of \$165,000 in tungsten and silica fluxes



January 28, 1982

*Nugget group  
Secs 17 & 18, T5N, R12W  
Yuma Co.*

Mr. George W. Campbell  
P. O. Box 301  
Salome, AZ 85348

Dear Mr. Campbell:

This will acknowledge your Notice of Intent to Conduct Mining Operations for your claims, Little Nugget, Nugget No. 2 thru No. 9, and others.

Your plan of operations indicates less than 5 acres of surface will be disturbed and that you plan on rehabilitation of surface disturbance as you proceed with your assessment work.

If you have any questions, please feel free to call our Geologist, Richard Park, at 241-2947.

Sincerely,

Frank E. Daniels

Frank E. Daniels, Acting Area Manager  
Lower Gila Resource Area

RPark:fd



P.O. Box 301  
Salome, Az. 85348  
Jan. 19, 1982

CLM  
PHOENIX DISTRICT

JAN 21 1982

United States Department of the Interior  
Bureau of Land Management,  
Phoenix Dist. Office  
2929 W. Clarendon Ave.  
Phoenix, Az. 85017

DATE	ACTED	BY	TITLE

Sirs. P.O. 3809 (027)  
MN-K — Notice of intent  
to conduct mining operations - on the following  
mine claims, Purpose: to do annual labor  
and evaluating area

- 1- Four Winds AMC 44605 Little Nugget AMC 4606  
Nugget 2 AMC 88654, Nugget 3 AMC 116851 THRU  
Nugget 9- AMC 116857 - Joey Dale 116858  
WORK-PLAN- about 150 ft from E. center end of Four winds  
and 230± from E. end of Little nugget -  
Drilling and Blasting veins - By shaft on 4 winds and  
along veins on Nugget - 2 places - depth not over  
4 ft - and 20ft length - 4'x4' 320 ft from E end of  
Little nugget
- 2- Blue Eagle 1 thru 6- AMC 44599 thru Amc  
44604 - Pay Dirt Amc 44597 and Morning Glory Amc  
44598 - Blasting ore - stock piling for evaluation  
surface to 4ft - 10' to 20± long - workings

Diablo Gypsum Placer =

- ③ Diablo - 1 - AMC 51333 Diablo 51334  
 Screening + removing Gypsum for garden and  
 orchard use - Pick, shovel and  $\frac{3}{4}$  T PICKUP -

- ④ White Eagles 1 thru 12 - Jungsten  
 AMC 46110 thru AMC ~~46110~~ 46121 -

Operation plan =

Continue blasting along general exposure  
 of cliffs. Along side line of No 1  
 and both side lines of No 2. SE end  
 corner of said claims, approximately  
 300 feet from S.E. End line -

on ~~pick~~ groups pick shovel wheel  
 Barrow - Air compressor + drill steel -  
 Tractor loader and Hand sorting - methods  
 Planned for operations -

Time plan = From Feb. 1, 1982 thru July 31-82,

If you need further description

let me know.

Very truly yours.

George W Campbell

ac/guc 1982

file of per 202

STATE OF ARIZONA  
DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA 85007



October 27, 1966

Mr. George Campbell  
Box 301  
Salome, Arizona

Dear George:

I enjoyed our visit at Petegrew's Restaurant.

Since then I have studied our data on your Bunker Hill Property (also listed as the Blue Eagle and Four Winds, evidently from the 9 Blue Eagle and 2 Four Winds claims that once comprised the property. The Bunker Hill is located in Secs. 18-20, T. 5 N., R. 12 W. and approximate locations of Sec. 18, T. 5 N., R. 12 W. for the Hercules and Sec. 24, T. 5 N., R. 11 W. for the Hidden Treasure. The tungsten on your Bunker Hill claims is described in the United States Bureau of Mines R.I. 5516 (1959) p 6-7. I believe you said you had a copy of this, but if not you may yet be able to obtain it at United States Bureau of Mines, Publication Section, 4800 Forbes Avenue, Pittsburgh, Pa. 15213.

According to Egin B. Holt, former field engineer for the Arizona Department of Mineral Resources, who examined the mine briefly in 1944. You shipped 15 cars of gold bearing silica flux (over 90 percent silica) to Hayden (A.S.&R.) that carried gold values of \$14.00 to \$17.00 to the ton, and small sorted lots, that ran 2.5 to 5.0 ounces of gold to the ton to the Wickenburg ore market. The Bureau of Mines (1959) reported 19 cars of flux ore. Holt described the deposit as a series of quartz veins cutting schist. The Bureau lists schist, quartzite and gneiss (believed to have been derived from quartz diorite. The main vein according to Holt is 4 to 8 feet wide, dipping 45° NE and striking NW. He tested 800 feet along the strike of the outcrop, as revealed by workings and outcrops, with the mineral light, and reported variable amounts of scheelite, some of which is concentrated in lenses or pods, which are said to run 60-70 percent WO<sub>3</sub>. He roughly estimated that there seemed to be considerable 1 percent mill grade tungsten ore available and suggested that there could be up to \$5.00 in gold per ton in part of the area.

We would like to obtain a map of your claims, if you have one, as we have none in our files.

With kindest regards, and hoping to see you next February, I remain

Very truly yours,

LEWIS A SMITH  
Field Engineer

LAS/H

COPY

STATUS OF DORMANT MINES

MINE NAME: (BUNKER HILL) or. Blue Eagle

LOCATION: ELLSWORTH MINING Dist. YUMA County

OWNERS AND/OR LEASEE: George W. Campbell & SON

ADDRESS: SALOME ARIZONA Box 701

APPROXIMATE PRODUCTION (Year of 1945):

COPPER	_____	Lbs.	LEAD	_____	Lbs.
ZINC	_____	Lbs.	(OTHER)	<u>Tungsten (scheelite)</u>	<u>1400-lbs 70% WO<sup>3</sup></u>
				<u>silicious converter Flux</u>	

CHECK THE CHIEF CAUSE OF YOUR DISCONTINUED PRODUCTION:

- (A) Easily available ore worked out.
- (B) Increased costs, but have quantity similar to past grade of ore.
- (C) Too close a margin to develop more ore.
- (D) NO MARKET IN ARIZONA

If you have ore ready to mine please give your estimate of the amount of metal (name each metal) that you could produce in one year (after allowing 60 days to get started) if there were premiums above present market prices. Name amount with a low premium, and amount at a high premium; such as:

Copper at 22½¢ plus 5¢ premium..... 1,000,000 Lbs.  
 Copper at 22½¢ plus 10¢ premium..... 1,500,000 Lbs.

Scheelite approx 8,750 lbs. 60% WO<sup>3</sup>  
Silicious ORE 720,000 "

If you do not have ore ready to mine please discuss the following:

- (A) Do you think a reasonable development program would produce a justified tonnage of commercial ore at above mine?

yes,

- (B) With a premium price (guaranteed for one year) could you carry out such a development program yourself? What premium?

With Available MARKET



(C) If you could not do this yourself, would a quick drilling program by some government agency (at government expense) be sufficient?

Yes

(D) Or would you prefer a loan plan similar to the arrangements during World War II?

No.

How about a combination plan in two stages such as follows?

Stage 1: Government engineers review project and, if a little drilling appears to be justified and a preliminary key to the situation, such drilling program to be agreed upon by owner and government engineer, paid for by the government, but let by contract.

Stage 2: If results of drilling (or without drilling) justify underground development and/or production equipment, same to be obtainable via a mortgage loan on property.

Please discuss the above: Mine is ready for

production. Am now working by hand.

But need, Compresso + machines.

Just completed a small mill consisting of  
Crusher + Rolls - and Concentrating table.

For the Scheelite. Am milling scheelite +  
Concentrating to a 65% WO<sub>3</sub>. Shipping Silicious  
Gold ore to American Smelting + Refining Co.  
HAYDEN, ARIZ.

SUGGESTIONS:

Why buy duty Free metals, when we  
CAN produce here at Home?

DATE

August 7th. 1950.

SIGNATURE

George W. Campbell  
George W. Campbell



NAME OF MINE: BUNKER HILL  
(7 miles S.E. of Salome)

COUNTY: YUMA  
DISTRICT: SALOME  
METALS: AU, SiO2

OPERATOR AND ADDRESS:

MINE STATUS

DATE:		DATE:	
5/1/44	James W. England, Jr. Route 2, Box 268 Phoenix, Arizona	5/1/44	Shipping
12/44	Geo. W. Campbell, Salome	12/44	Shipping
		5/45	Idle



Engineering and Mining Journal

November, 1950-



E & M J 9/52  
Vol 153 No9

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

WAR PRICE & RATIONING BOARD  
81.14.3  
SALOME *E. H. M.*, ARIZONA

*Mr. S. Lee  
Cumberland*

DEPT. MINERAL RESOURCES  
**RECEIVED**  
NOV 15 '44  
PHC Filing Information

Date..... **November 4, 1944**

Name of Mine..... **Bunker Hill**

Owner or Operator..... **George W. Campbell**

Address..... **Salome, Arizona**

Mine Location..... **Ellsworth District, Salome, Arizona**

File System..... **CUMBERLAND**

File No..... **U**

This chart to be used for gallons of gasoline required per month.

**PRESENT OPERATIONS:** (check X)

Production...  ...; Development...  ...; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

**PRODUCTION: Past and Future.**

	Tons
Approx. tons last 3 months <span style="float: right;"><i>30</i></span>	30
Approx. present rate per 3 months	30
Anticipated rate next 3 months	90
If in distant future check (X) here	

**EQUIPMENT OPERATED:**

Type	Quantity or Horse Power	Miles or Hours Per Month	Requested Recommended	
			Gallons Required Per Month	Per Month
Personal Cars	.....	.....	.....	.....
Light or Service Trucks	.....	.....	.....	.....
Ore Hauling Trucks	.....	.....	.....	.....
Compressors	.....	.....	.....	.....
Other Mine or Mill Eqpt. <i>Hoist</i>	40 HP	40 hours	40	40

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

**Siliceous gold-tungsten ores.**

**REMARKS:**

.....

.....

.....

.....

By.....

MB-17

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940

Mine Blue Eagle (known as Bunker Hill)

District - Ellsworth, Yuma County

Location -  $5\frac{1}{2}$  miles SE of Salome

Former Name - Old Turtle Mine back in 1860.

Owner - George W. Campbell

Address - Salome, Arizona

Operator - George W. Campbell

Address - Salome, Arizona

President

Gen. Mgr. - George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals - Gold, Silver, Silica

Men Employed

Production Rate - 20 ton

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - Bench work, as the veins are nearly flat.

Operations Planned - Opening up several places that shows high values  
in gold and silver.

Number Claims, Title, etc. - 9 claims, clear title.

Description: Topography & Geography

Mine Workings: Amt. & Condition - Have shipped 6 cars of surface ore to  
Hayden Smelter.  
Only shallow holes.

SIGNED - George Campbell

Geology & Mineralization - Ore is hard white quartz with hematite seams.

Date March 27, 1940

Ore: Positive & Probable, Ore Dumps, Tailings - Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 to \$10 value.

Outcrop on surface shows for over a mile - width is  
3 1/2 ft., 4 ft., 8 ft., 2 ft., all large veins.

Mine, Mill Equipment & Flow Sheet.

Road Conditions, Route - Good graded roads. 1 1/2 miles from highway.

Water supply - No water on claims. 1-3/4 miles from water, Centennial Wash.

Brief History - Shipped 6 cars of ore in past 3 years.  
Spent most of my time building roads.  
No Engineer's report.

Special Problems, Reports Filed - None

Remarks - With compressors and a few men this is a good paying property as the  
smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate - I am asking \$10,000  
down and \$60,000 for my nine claims.  
Payable in 3 years in yearly payments.

SIGNED - George Campbell

MB-17 DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940

Mine Blue Eagle (known as Bunker Hill)

District - Ellsworth, Yuma County Location - 5½ miles SE of Salome

Former Name - Old Turtle Mine back in 1860.

Owner - George W. Campbell

Address - Salome, Arizona

Operator - George W. Campbell

Address - Salome, Arizona

President

Gen. Mgr. - George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals - Gold, Silver, Silica

Men Employed

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STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940

Ore: Positive & Probable, Ore Dumps, Tailings - Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 to \$10 value.

Outcrop on surface shows for over a mile - width this  
3 1/2 ft., 4 ft., 8 ft., 2 ft., all large veins.

Mine, Mill Equipment & Flow Sheet.

Address - Salome, Arizona

Owner - George W. Campbell

Address - Salome, Arizona

Operator - George W. Campbell

Road Conditions, Route - Good graded roads. 1 1/2 miles from highway.

President

Mill Supt.

Mine Supt.

Water supply - No water on claims. 1-3/4 miles from water, Centennial Wash.

Men Employed

Principal Metals - Gold, Silver, Silica

Mill: Type & Cap.

Production Rate - 20 ton

Power: Amt. & Type

Brief History - Shipped 6 cars of ore in past 3 years.  
Spent most of my time building roads.  
No Engineer's report.

Operations: Present - Bench -

Special Problems, Reports Filed - None

Operations Planned - Opening up several places that show high values  
in gold and silver.

Remarks - With compressors and a few men this is a good paying property as the  
smelter wants the ore for fluxing, as it runs 95% silica.

Number Claims, Title, etc. - 9 claims, clear title.

If property for sale: Price, terms and address to negotiate - I am asking \$10,000  
down and \$60,000 for my nine claims.  
Payable in 3 years in yearly payments.

Description of Property

Mine workings: Amt. & Condition - Have shipped 6 cars of surface ore to  
Hayden Smelter.  
Only shallow holes.

SIGNED - George Campbell

MB-17

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940

Mine Blue Eagle (known as Bunker Hill)

District - Ellsworth, Yuma County

Location - 5½ miles SE of Salome

Former Name - Old Turtle Mine back in 1860.

Owner - George W. Campbell

Address - Salome, Arizona

Operator - George W. Campbell

Address - Salome, Arizona

President

Gen. Mgr. - George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals - Gold, Silver, Silica

Men Employed

Production Rate - 20 ton

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - Bench work, as the veins are nearly flat.

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Only shallow holes.

SIGNED - George Campbell

Geology & Mineralization - Ore is hard white quartz with hematite seams.

Ore: Positive & Probable, Ore Dumps, Tailings - Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 to \$10 value.

Outcrop on surface shows for over a mile - width  
3 1/2 ft., 4 ft., 8 ft., 2 ft., all large veins.

Mine, Mill Equipment & Flow Sheet.

Road Conditions, Route - Good graded roads. 1 1/2 miles from highway.

Water supply - No water on claims. 1-3/4 miles from water, Centennial Wash.

Brief History - Shipped 6 cars of ore in past 3 years.  
Spent most of my time building roads.  
No Engineer's report.

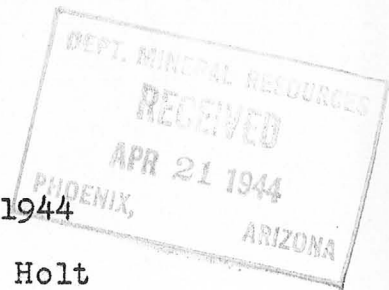
Special Problems, Reports Filed - None

Remarks - With compressors and a few men this is a good paying property as the  
smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate - I am asking \$10,000  
down and \$60,000 for my nine claims.  
Payable in 3 years in yearly payments.

SIGNED - George Campbell

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT



Mine "BUNKER HILL OR BLUE EAGLE"

Date April 19, 1944

District Ellsworth, Yuma Co., Ariz.

Engineer Elgin B. Holt

Subject:

R E P O R T

OWNERS: George W. Campbell, Salome, Arizona, and James England, Jr., P. O. Box 1226, Prescott, Arizona.

METALS: Gold and Tungsten, (Scheelite).

NAME OF MINE - AREA:

This property was formerly known by the name of "Bunker Hill". It was relocated by Campbell during 1932, at which time the name was changed to "Blue Eagle"; 9 claims being staked and named, "Blue Eagle" Nos. 1 to 9 inclusive. However, on the Hayden Smelter records the property is listed as: "BUNKER HILL OR BLUE EAGLE", both names being used.

HISTORICAL - PRODUCTION:

Campbell first started work on property during 1937. Since that time to date, 15 car lots of ore, assaying from \$14.00 to \$17.00 gold per ton, have been shipped to the Hayden Smelter, and a number of short lots, running from 2.5 to 5 ounces gold per ton, have been sold to the Wickenburg Ore Market.

During April, 1943, Campbell sold an interest in property to James England, Jr., of Prescott. The reason why this property was allowed to continue operating lies in the fact that its ores are highly silicious and is desired by the smelter for fluxing purposes.

GEOLOGY - VEINS:

A series of quartz veins traverse low schist hills located about 7 miles southeast of Salome, with which the mine is connected by means of an excellent level dirt road, over which heavy loads can

be hauled by trucks.

The main vein, which is from 4 to 8 feet wide, strikes northwest to southeast and dips about 45 degrees to the northeast. It is developed for about 800 feet in length along its outcrop by a great number of open pits, cuts and short tunnels. It was from these workings that the 15 car loads of ore mentioned were mined and shipped. Campbell states that the unmined portions of this vein, from wall to wall, averages about \$5.00 gold per ton.

EXAMINATION - TUNGSTEN REPORTED:

I visited this property on April 17, 1944, in company with Campbell, Mr. Edwin W. Mills and others. Campbell had informed me that two days previously Mr. F. M. Stephens, Field Engineer, representing the American Smelting & Refining Company, had looked the property over and had discovered the presence of Scheelite in the ore by means of a Mineral Light.

We arrived at the property about dark and a little later entered most of the shallow workings of the mine for a distance along the main vein of about 800 feet. I had my Mineral Light with me and we "lamped" the vein or veins in all of these workings. As a result, we found ~~xxx good grades of~~ Scheelite in all of these workings; the high grade material, estimated to run from 60 to 70% WO<sub>3</sub>, occurring in narrow streaks and bunches, while the vein material from wall to wall seemed to contain Scheelite of a grade suitable for milling. No samples were taken, so this report is merely a very brief description of property.

WORK PLANNED:

Campbell states he is planning to selectively mine and ship the better grade tungsten ore to Fernstrom & Company, Tucson, Arizona, and stockpile the lower grade tungsten material for milling at a later time; that he will also continue to ship silicious gold ores from the property to the Hayden Smelter.




REMARKS:

While this property is now in the prospect stage, there seems to be a considerable tonnage of milling ore indicated. The surface outcrop of the main vein is now opened up in fair shape for sampling. Hence, I suggest that owners should take steps to sample these workings in a thorough manner and then plot results on an assay map. This will determine whether the ore now exposed in these outcroppings is of milling grade or not. In this regard, if the average tenor of this ore should prove to contain \$5.00 gold per ton, plus 1% WO<sub>3</sub>, I will say that such grade of ore should yield a goodly profit above operating costs, if treated in a properly designed mill. Also, as the ore is oxidized material, and as the Scheelite occurs separately in bunches and in granules, it is believed the gold and the Scheelite can be recovered separately by means of a plant employing jigs and tables to produce a marketable tungsten product, followed by plate amalgamation and cyanidation, or by cyanidation alone, to recover the gold in the form of bullion.

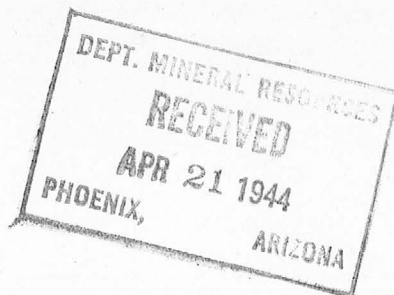
However, the above remarks are merely suggestions. Firstly, steps should be taken to develop a large underground ore supply in the mine. Secondly, proper metallurgical tests should be carried out on the ore in order to determine exactly just what kind of a mill to build.

WATER:

This property is situated about two miles east of the old Harrisburg mill site, where there is a well that will afford an ample supply of water to run a 100-ton mill, or even larger.

  
Elgin B. Holt,  
Field Engineer.

Salome, Arizona,  
April 19, 1944.



MEMORANDUM

To: J. S. Coupal  
From: Elgin B. Holt  
Subject: Scheelite Strike in Bunker Hill, or Blue Eagle  
Gold Mine, near Salome. Geo. W. Campbell, Salome.

You will note by the enclosed report and NEWS ITEM that a Scheelite strike of probable importance has just been made in the mine above mentioned.

This will be a natural for milling as the ore is oxidized quartz containing both gold and Scheelite, the latter occurring in the form of bunches and granules, that I judge will run from 60% to 70% WO<sub>3</sub>. Campbell showed me pieces of clean Scheelite, no waste, that I would judge to run 70% WO<sub>3</sub>.

There seems to be a lot of mill tonnage exposed in the vein outcrops, that will run \$5.00 gold, per Campbell.

A mill could be erected at the old Harrisburg mill site about two miles west of property. Here there is ample well water for milling.

Kindly mail copies of my report to:

George W. Campbell, Salome, Arizona,

and to

F. M. Stephens, American Smelting & Ref. Co., P. O. Box 2229, Tucson, Arizona.

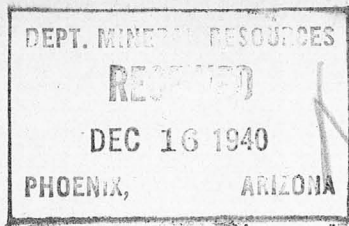
Thanks.

*E.B.H.*

Elgin B. Holt.

I will finish here Friday and will leave for Kingman on Saturday, April 22. As yet, I have had no news as to any action taken by the Board of Governors last Saturday. If anything of importance took place, kindly drop me a line about it.

*Elgin*  
Elgin



Salome Arizona

Dec 14. 1940

More information about My Blue Eagle  
Claims

have Recently uncovered a 3 ft vein  
of quartz that by picking out every  
piece of gold visible, assayed 58 kind  
reds - in gold one ounce in silver  
daily work with hand stel. no machin  
ery I average  $\frac{3}{7}$  ton of ore around  
60 hundreds in gold and 1 ounce or better  
in silver, and I sort out from 20 to  
50 pounds of high grade. Out of this ore  
besides that runs 10 to 16 ounces  
in gold and the same amount in  
silver

By not being financed I pick out  
all high grade, while selecting my ore  
for shipment, each car of ore, I  
gather 5 to 7 sacks of high grade, which  
I sell to the Ore buyer to help finance  
me until I make a shipment to the smelter



I am planning on shipping my  
8<sup>th</sup> Car of ore in January 1941  
This New ~~lot~~ vein of ore is  
covered over with a cap of  
quartzite about 9 feet thick and  
then a schist, there is an  
abundance of lime through this ore  
This vein of ore is on my Bunker  
hill the same claim I have made  
most of my shipments from  
road right along side of where  
I am working

Geo W Campbell

P.S

I am also sending you information  
about my gold Dyke claims

MB-17

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940

Mine Blue Eagle (known as Bunker Hill)

District - Ellsworth, Yuma County

Location -  $5\frac{1}{2}$  miles SE of Salome

Former Name - Old Turtle Mine back in 1860.

Owner - George W. Campbell

Address - Salome, Arizona

Operator - George W. Campbell

Address - Salome, Arizona

President

Gen. Mgr. - George W. Campbell

Mine Supt.

Mill Supt.

Principal Metals - Gold, Silver, Silica

Men Employed

Production Rate - 20 ton

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - Bench work, as the veins are nearly flat.

Operations Planned - Opening up several places that shows high values  
in gold and silver.

Number Claims, Title, etc. - 9 claims, clear title.

Description: Topography & Geography

Mine Workings: Amt. & Condition - Have shipped 6 cars of surface ore to  
Hayden Smelter.  
Only shallow holes.

George W. Campbell



Geology & Mineralization - Ore is hard white quartz with hematite seams.

Date March 27, 1940

Ore: Positive & Probable, Ore Dumps, Tailings - Shipped 33 tons that netted \$260.  
Thousands of tons of ore in sight,  
\$8 to \$10 value.

Outcrop on surface shows for over a mile - width is  
3 1/2 ft., 4 ft., 8 ft., 2 ft., all large veins.

Mine, Mill Equipment & Flow Sheet.

Road Conditions, Route - Good graded roads. 1 1/2 miles from highway.

Water supply - No water on claims. 1-3/4 miles from water, Centennial Wash.

Brief History - Shipped 6 cars of ore in past 3 years.  
Spent most of my time building roads.  
No Engineer's report.

Special Problems, Reports Filed - None

Remarks - With compressors and a few men this is a good paying property as the  
smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate - I am asking \$10,000  
down and \$60,000 for my nine claims.  
Payable in 3 years in yearly payments.

SIGNED - George Campbell

MB-17

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940.

Mine + Blue Eagle (known as Bunker Hill)

District Ellsworth, Yuma County Location 5 1/2 miles SE of Salome

Former name Old Turtle Mine back in 1860.

Owner George W. Campbell Address Salome, Arizona

Operator George W. Campbell Address Salome, Arizona

President Gen. Mgr. George W. Campbell

Mine Supt. Mill Supt.

Principal Metals Gold - Silver - Silica Men Employed

Production Rate 20 ton Mill: Type & Cap.

Power: Amt. & Type

Operations: Present Bench work, as the veins are nearly flat

Operations Planned Opening up several places that shows high values in gold and silver

Number Claims, Title, etc. 9 claims - - clear title - - ~~good roads.~~

Description: Topog. & Geog. 1 1/2 miles from highway  
1 3/4 miles from water, the Centennial Wash.

Mine Workings: Amt. & Condition Have shipped 6 cars of surface ore to Hayden Smelter.

*only shallow holes*

George Campbell



Geology & Mineralization Ore is hard white quartz with Hematite seams.

Date March 27, 1940.

Ore: Positive & Probable, Ore Dumps, Tailings Shipped 33 tons that netted \$260.

Thousands of tons of ore in sight,  
\$8 and \$10 value.

Outcrop on surface shows for over a mile - width is  $3\frac{1}{2}$  ft. - 4 ft. -

8 ft. - 2 ft. - all large veins.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good graded roads.

*1 1/2 miles from  
highway*

Water Supply No water on claims.

*1 3/4 miles from water, Centennial Wash*

Brief History Shipped 6 cars of ore in past 3 years.

spent most of my time building roads.

No engineer's report.

Special Problems, Reports Filed

None

Remarks With compressors and a few men this is a good paying property as the  
Smelter wants the ore for fluxing, as it runs 95% silica.

If property for sale: Price, terms and address to negotiate. I am asking \$10,000 down and \$60,000  
for my nine claims. Payable in 3 years in yearly payments.

Signed..... George Campbell

Use additional sheets if necessary.

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

Date March 27, 1940

1. Mine Blue Eagle, Known as Bunker Hill  
2. Location 5 1/2 Miles South East of  
3. Mining District & County Ellsworth, Yuma  
4. Former name Old Turtle Mine Back in 1860  
5. Owner George W. Campbell  
6. Address (Owner) Salome Ariz  
7. Operator George W. Campbell  
8. Address (Operator) Salome Ariz  
9. President, Owing Co.  
9A. President, Operating Co.  
10. Gen. Mgr. G.W.C.  
14. Principal Minerals Gold, Silver, Silica  
11. Mine Supt.  
15. Production Rate 20 ton  
12. Mill Supt.  
16. Mill: Type & Cap.  
13. Men Employed  
17. Power: Amt. & Type

18. Operations: Present Bench Work as the veins are nearly flat  
Bench Work is all

19. Operations: Planned opening up several places that shows  
high values in gold & silver

20. Number Claims, Title, etc. 9 Claims, clear title, good roads  
1 1/2 mile from highway 1 3/4 miles from Water, the  
centinel Wash

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition I have one hill of good  
milling Ore I have sorted out 6 cars of ore and  
shipped to Hayden Smelter not digging a hole on  
my head



23. Geology & Mineralization Ore is hard white quartz with hemmitite seams

24. Ore: Positive & Probable, Ore Dumps, Tailings I sorted one small dump getting 33 tons that netted 260 dollars, Ore in sight with veins in place thousands of tons, 8 and 10 dollar value

24A. Dimensions and Value of Ore body These veins shows on surface for over a mile Width is 3 1/2 - 4 - 8 - 2 feet all large veins

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route good graded roads all new cars go to my claims

27. Water Supply No Water on claims

28. Brief History I have been working these claims for past 3 yrs I have shipped 6 cars of ore making a good living. and most of my time Building roads  
29. Special Problems, Reports Filed ) No engineers report

30. Remarks With compressors and a few men this is a good paying property as the smelter wants my ore for fluxing as it runs 95 per cent silica

31. If property for sale: Price, terms and address to negotiate. I am asking \$10,000 down and \$60,000 for my nine claims. payable in 3 years in yearly payments.

32. Signature George Campbell

3. Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date March 27, 1940.

Mine Blue Eagle (known as Bunker Hill)

District Ellsworth, Yuma County

Former name Old Turtle mine back in 1860.

Owner George W. Campbell

Operator George W. Campbell

President

Mine Supt.

Principal Metals Gold - Silver - Silica

Production Rate 20 ton

Power: Amt. & Type

Operations: Present Bench work, as the veins are nearly flat

Operations Planned Opening up several places that shows high values in gold and silver

Number Claims, Title, etc. 9 claims - clear title - good roads.

Description: Topog. & Geog. 1 1/2 miles from highway  
1 3/4 miles from water, the Centennial Wash.

Mine Workings: Amt. & Condition Have shipped 6 cars of surface ore to Hayden Smelter.

Geology & Mineralization

Ore is hard white quartz with hematite seams.

Ore: Positive & Probable, Ore Dumps, Tailings

Shipped 33 tons that netted \$280.  
Thousands of tons of ore in sight,  
\$8 and \$10 value.

Outcrop on surface shows for over a mile - width is 3 1/2 ft. - 4 ft. -

Mine, Mill Equipment & Flow Sheet

3 ft. - 2 ft. - all large veins.

Road Conditions, Route

Good graded roads.

Water Supply

No water on claims.

Brief History

Shipped 6 cars of ore in past 3 years.  
spent most of my time building roads.  
No engineer's report.

Special Problems, Reports Filed

None

Remarks

With compressors and a few men this is a good paying property as the  
Smelter wants the ore for fluxing, as it runs 95% silica.

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

I am asking \$10,000 down and \$60,000  
for my nine claims. Payable in 3 years in yearly payments.

Signed George Campbell

Use additional sheets if necessary.

*Salome, Ariz*



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

MB-17

Date June 26, 1939

Mine Blue Eagle

District Ellsworth

Location 5½ miles southeast of Salome

Former name

Owner George Campbell

Address Salome, Arizona.

Operator " "

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, silver, and lead

Men Employed None

Production Rate 4 cars a year - one man.

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Operations Planned Sinking.

Number Claims, Title, etc. 9 claims, titles clear.

Description: Topog. & Geog.

Mine Workings: Amt. & Condition Bench work, open cuts, and tunnels.

(over)

**Geology & Mineralization**

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 20, 1939

Ore: Positive & Probable, Ore Dumps, Tailings Positive and dumps.

**Mine, Mill Equipment & Flow Sheet**

Road Conditions, Route Good - 1 1/2 miles from Buckeye Road.

Water Supply 1 1/2 miles from water.

Brief History Was worked in 60s. Considerable work done - lots of dumps.

**Special Problems, Reports Filed**

**Remarks**

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

Signed.....GEO. W. CAMPBELL.....  
Globe, Arizona.

Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 26, 1939

Mine Blue Eagle

District Ellsworth

Location 5 1/2 miles southeast of Salome

Former name

Owner George Campbell

Address Salome, Ariz.

Operator " "

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, Silver and Lead

Men Employed None

Production Rate 4 cars a year *one man*

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Operations Planned Sinking

Number Claims, Title, etc. 9 Claims, Titles clear

Description: Topog. & Geog.

Mine Workings: Amt. & Condition

Bench work, open cuts, and *Tunnels*



Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings Positive and Dumps

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good  $1\frac{1}{2}$  Miles from Buckley Road

Water Supply  $1\frac{1}{2}$  miles from water

Brief History Was worked in 60's considerable work done lots of dumps

Special Problems, Reports Filed

Remarks

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

See Owner

for Sale, for terms

Signed Geo. W. Campbell

John A. [unclear]

Use additional sheets if necessary.