



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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PRINTED: 10-23-2009

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ANDERSON MINE

ALTERNATE NAMES:

DAVIS MUIR PROPERTY  
PATROL MINE

SANTA CRUZ COUNTY MILS NUMBER: 28

LOCATION: TOWNSHIP 22 S RANGE 18 E SECTION 12 QUARTER NE  
LATITUDE: N 31DEG 32MIN 10SEC LONGITUDE: W 110DEG 27MIN 42SEC  
TOPO MAP NAME: PYEATT RANCH - 7.5 MIN

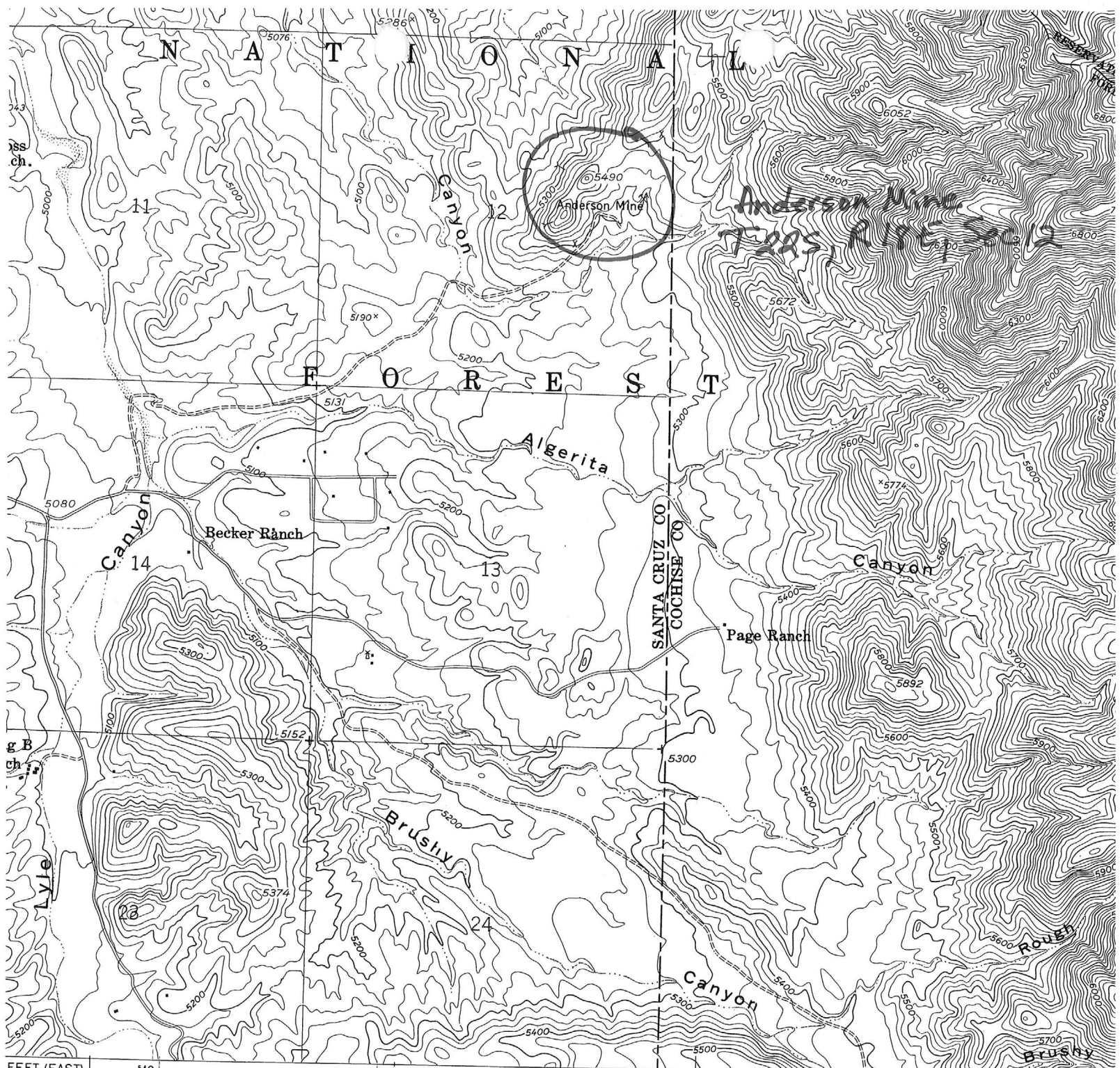
CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD  
SILVER  
LEAD  
VANADIUM

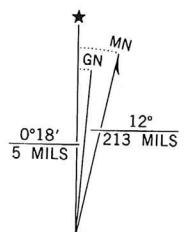
BIBLIOGRAPHY:

USGS PYEATT RANCH QUAD  
ADMMR ANDERSON MINE FILE  
ADMMR FLAGG, A.L., VANADIUM REPORTS BOOK IV

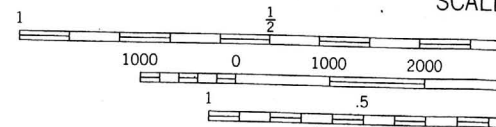


FEET (EAST) 549 550 551 552 553  
 100 NAT. MON. (MONTEZUMA PASS) 22 MI.

Map Service  
 by the Geological Survey  
 A, and USCE  
 etric methods from aerial  
 Field checked 1948  
 urvey 1958  
 100-foot grid ticks based on  
 east and central zones  
 iverse Mercator grid ticks,



UTM GRID AND 1983 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET



CONTOUR INT  
 NATIONAL GEODETIC

*Pyeatt Ranch*  
 7.5

Revisions shown in purple and woodland compiled by the Geological Survey from aerial photographs taken 1982 and other sources  
 This information not field checked. Map edited 1983

THIS MAP COMPLIES WITH NA  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENV  
 A FOLDER DESCRIBING TOPOGRAPHIC MA

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA

## MINE OWNERS REPORT

Date: September 22, 1941.

1. Mine: DAVIS-MUIR PROPERTY
2. Location:  $2\frac{1}{2}$  miles west of Gate 14, Ft. Huachuca Military Post.
3. Mining District & County: Old Hat Mining District, Santa Cruz County, Arizona.
4. Former Name:
5. Owner: C. F. Davis  
Wm. Muir
6. Address (Owner): Nogales, Arizona.  
Elgin, Arizona
7. Operator: Wm. Muir, Elgin, Arizona
8. Address (Operator): Elgin, Arizona.
9. President, Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Gold-Silver, Lead, with wulfenite in places.
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Type & Amt:
18. Operations - Present: None other than surfical prospecting and assessments.
19. Operations - Planned:
20. Number Claims, Title, etc: Three claims: Crown, Blue Hen and Patrol.  
60 acres.
21. Description - Topography & Geography: Low hills sparsely covered with brush. Right on Ft. Huachuca-Nogales Highway - can drive almost anywhere on property. General elevation about 5,000 ft. above sea level. Hills are just high enough to provide good dump and mill sites for shaft workings.
22. Mine Workings - Amt. & Condition: Shallow shafts, open cuts, etc., to depth of 65 ft, exposing ore average of three feet wide in three separate parallel veins, and two cross veins. All workings now ready for further operation.

23. Geology & Mineralization: Cretaceous shales and limestones (Morita) cut by rhyolite stocks and dikes, and then by andesite dikes of two distinct ages. After the Andesitic intrusions came mineralization in the three east-west veins, with cross veins. Mineralization quartz carrying gold-silver in pyrite and galena, with wulfenite in places.
24. Ore - Positive & Probable, Ore Dumps, Tailings: None yet figured.
- 24A. Dimensions and Value of Ore body: None yet figured.
25. Mine, Mill Equipment & Flow Sheet:
26. Road Conditions, Route: Property on Ft. Huachuca-Nogales Highway and is  $2\frac{1}{2}$  miles west of Gate 14 of the Ft. Huachuca Military Reservation. Road conditions unsurpassed.
27. Water Supply: Abundant water for any and all purposes right at hand with but little development.
28. Brief History: The property was formerly operated along rhyolite and andesite contacts with limestones as a potential lead and copper property, there being considerable contact showings. However, the main veins are quartz carrying gold and silver in association with pyrite and galena of a type common to the region.
29. Special Problems, Reports Filed: C. W. Gabrielson recommends the property as worthy of development, states ore can be drifted upon and blocked out in sufficient quantity to justify small mill to start on profitable production.
30. Remarks: The property should be visited and examined by all who want to see a good property, and start in the mining business at minimum of outlay before getting returns. They can start work, and stay in ore as long as they keep on working - from "new on".
31. If property for sale - Price, terms and address to negotiate: \$7,500 total price. Small payment down with 10% royalty to apply on purchase price, with guarantees of performance.

See: Wm. Muir on property - Address: Elgin, Arizona, for mail.

32. Signature: (Signed) WM. MUIR

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 16, 1939.

Mine Patrol.

District Musgrave, Santa Cruz Co.

Location 17 mi. W of Ft. Huachuca.

Former name Not known

Owner Wm Muir, (Chas F. Davis)

Address Ft. Huachuca, Ariz.

Operator Same -

Address ✓ ✓

President No Corp.

Gen. Mgr.

Mine Supt. —

Mill Supt.

Principal Metals Gold, Vanadium, Lead.  
(Copper - Silver)

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type None.

Operations: Present Assessment works.

Operations Planned Depend on Finances.

Number Claims, Title, etc. Three, unpat'd lode claims on Coronado Nat'l Forest. Names: - Patrol, Blue Hen.

Description: Topog. & Geog. In Foothills - on W. slope Huachuca Mts. Covers a divide bet. two canyons → W.

Mine Workings: Amt. & Condition 1 - Tun. 65', 2 shafts. 60', 30'.

Geology & Mineralization Rounded hill capped with limestone covering and in contact with porphyry - badly altered. Ore is in veins of varying strike & dip generally 2 ft or less with Minerals ~~the~~ Lead molybdate, Lead Carb. Galena.

Ore: Positive & Probable, Ore Dumps, Tailings Assays - \$900 - \$3550 per ton on gold. No Vanadium assays. Other gold assays 070 of the \$128 silver, \$280 gold. 40% silver. Output small. Works all shallow.

Mine, Mill Equipment & Flow Sheet No Equipment except. Assay equip & hand tools

Road Conditions, Route Good. Reached over Ft. Huachuca - San Juan Hwy - 17 miles W of fort.

Water Supply - Could be developed. One shaft has water

Brief History

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate. For Sale or Lease - Owners not able carry on work (Miner 81 yrs old, Davis 79 yrs). Will make attractive price. Retired Pads Mast Assayer & Book Keeper

Signed Jim Miner

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DEPARTMENT OF MINERAL RESOURCES  
 STATE OF ARIZONA  
 SEP 26 MINE OWNER'S REPORT  
 PHOENIX, ARIZONA

Date September 22nd 1941.

- 1. Mine "Davis-Muir" property.
- 2. Location 2½ miles west of Gate 14 Ft Huachuca Military Post.
- 3. Mining District & County Old Flat district Santa Cruz Cty Ariz,
- 4. Former name
- 5. Owner C.F. Davis Wm Muir
- 6. Address (Owner) Nogales Ariz. Elgin Ariz.
- 7. Operator Wm Muir Elgin Ariz.
- 8. Address (Operator)
- 9. President, Owning Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals Silver
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type
- 18. Operations: Present None other than surficial prospecting and assessments.

19. Operations: Planned

DAVIS-MUIR PROPERTY			
Au, Ag, Pb			
Santa Cruz	12 - 1	T 21 S, R 18 E	
C. F. Davis			'41

20. Number Claims, Title, etc. Three claims; Crown, Blue Hen and Patrol. 60 acres.

21. Description: Topography & Geography Low hills sparsely covered with brush. Right on Ft Huachuca-Nogales highway -- can drive almost anywhere on property. General elevation about 5,000 ft above sea level. Hills are just high enough to provide good dump and mill sites for shaft workings.

22. Mine Workings: Amt. & Condition Shallow shafts, open cuts, etc, to depth of 65 feet, exposing ore average of three feet wide in three separate parallel veins, and two cross veins. All workings now ready for further operation.



23. **Geology & Mineralization** Cl.aceous shales and limestone (Morita) cut by rhyolite stocks and dikes, and then by andesitic dikes of two distinct ages. After the Andesitic intrusions came mineralization in the three East-West veins, with cross veins. Mineralization quartz carrying gold-silver in pyrite and galena, with wulfenite in places.
24. **Ore: Positive & Probable, Ore Dumps, Tailings** None yet figured...
- 24A. **Dimensions and Value of Ore body** None yet figured.
25. **Mine, Mill Equipment & Flow-Sheet**
26. **Road Conditions, Route** Property on Ft Huachuca-Nogales highway and is 2½ miles west of Gate I4 of the Ft Huachuca Military Reservation. Road conditions unsurpassed.
27. **Water Supply** Abundant water for any and all purposes right at hand with but little development.
28. **Brief History** The property was formerly operated along rhyolite and andesite contacts with limestones as a potential lead and copper property, there being considerable contact showings. However, the main veins are quartz carrying gold and silver in association with pyrite and galena, of a type common to the region.
29. **Special Problems, Reports Filed** C.W. Gabrielson recommends the property as worthy of development, states ore can be drifted upon and blocked out in sufficient quantity to justify small mill to start on profitable production.
30. **Remarks** The property should be visited and examined by all who want to see a good property, and start in the mining business at minimum of outlay before getting returns. They can start work, and stay in ore as long as they keep on working - from "now on".
31. **If property for sale: Price, terms and address to negotiate.** \$7,500 total price. small payment down with 10% royalty to apply on purchase price, with guarantees of performance. See Wm Muir on property, address Elgin Arizona, for mail.

32. **Signature** Wm Muir.....

33. Use additional sheets if necessary.

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

Date June 16, 1939

1. Mine Patrol
2. Location 17 mi. W. Ft. Huachuca
3. Mining District & County Musgrave, Santa Cruz Co.
4. Former name Not known
5. Owner Wm. Muir (Chas. F. Davis)
6. Address (Owner) Ft. Huachuca, Arizona
7. Operator Same
8. Address (Operator) " " "
9. President, Owning Co. No Corp.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals Gold, Vanadium, Lead,  
(Copper--Silver)
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type . None
18. Operations: Present Assessment work
19. Operations: Planned Depend on Finances
20. Number Claims, Title, etc. Three unpatented lode claims on Coronado Nat'l. Forest.  
Names: Patrol, Blue Hen
21. Description: Topography & Geography In foothills on west slope Huachuca Mts. Covers  
a divide between two canyons W.
22. Mine Workings: Amt. & Condition . 1--Tunnel 65'---2 shafts 60', 30'

23. Geology & Mineralization      Rounded hill capped with Limestone covering and is in contact with porphyry--badly altered. Ore is in veins of varying strike and depth--generally 2 feet or less width. Minerals: Lead, vanadate, lead galena
24. Ore: Positive & Probable, Ore Dumps, Tailings      Assays--\$9.00, \$35.50 per ton on gold. No Vanadium assays. Other gold assays 0.70¢ & \$1.28 silver, \$2.80 gold--40¢ silver. Output small and works all shallow.
- 24A. Dimensions and Value of Ore body
25. Mine, Mill Equipment & Flow-Sheet      No equipment except assay equipment and hand tools.
26. Road Conditions, Route      Good, reached over Ft. Huachuca-Harshaw Highway--17 miles west of Fort.
27. Water Supply      Could be developed. One shaft has water.
28. Brief History
29. Special Problems, Reports Filed
30. Remarks
31. If property for sale: Price, terms and address to negotiate.
- For sale ore lease--owners not able to carry on work. (Muir 81 yrs. old, retired packmaster--Davis 79 yrs.) Will make attractive price.
32. Signature (Signed) Wm. Muir

33. Use additional sheets if necessary.

Gold-Silver (Lead Molybdate)

3 unpatented mining claims.  
Developed by shallow shafts - open  
cuts & crosscuts to depth of 65 feet -  
showing average of 3 feet of ore - on  
3 separate veins. A small amount  
of new development work should  
justify erecting small mill. Good  
road & ample water. In sale on  
royalty basis. Old Hat Mining District,  
Santa Cruz County -

Reference:

see Book V-IV - A.L. Flagg vanadium reports

USBM "U" File reports - 2 shallow shafts & some open cuts. A 12' quartz-limonite vein  
on ls porphyry contact.

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

~~December 10, 1957~~

February 11, 1958

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

DAVIS-MUIR PROPERTY  
(Property)

GOLD SILVER LEAD  
(ore)

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

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

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

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

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
518 TITLE AND TRUST BUILDING  
PHOENIX, ARIZONA



May 20, 1942

J. S. COUPAL, PHOENIX  
DIRECTOR  
W. J. GRAHAM, PHOENIX  
ASSISTANT TO THE DIRECTOR  
AND SECRETARY TO THE  
BOARD OF GOVERNORS  
FIELD OFFICES AT  
GLOBE - KINGMAN  
PRESCOTT - TUCSON

REPLY TO

Mr. Chas. F. Davis  
Patrol Mine  
Patagonia, Arizona

We have submitted your Mine Owner's Report to Mr. G. Donald Emigh, who is representing the U. S. Vanadium Corporation, with present headquarters at the Pioneer Hotel, Tucson, Arizona as being one of the properties from which vanadium production may be obtained.

The following item will explain our reason for so doing:

The U. S. Vanadium Corporation has been designated by the Metals Reserve Company to increase the production of lead vanadates and they are working in the southwest.

G. Donald Emigh, Pioneer Hotel, Tucson, is their representative, and Arthur L. Flagg, 29 W. Holly Street, Phoenix, is their field manager.

They are seeking small vanadium properties and are ready to handle them on almost any kind of a deal except actually buying properties. They will put money into development, they will lease, they will build small mills, they will work out processes, they will co-operate with the man to develop his own property. They will pay premium prices for that which they get. They will do almost anything and everything designed to bring out increased vanadium production.

An office is going to be established in Tucson and we will let you know the address as soon as we get it. Any occurrences of lead vanadates should be promptly reported to either Mr. Emigh or Mr. Flagg, or anyone who has vanadium properties should be referred to them.

We would suggest that you contact these parties at once and if you can furnish any information in addition to that which occurs in your Mine Owner's Report on file with us that you do so at once. Please advise us of your action.

With best wishes and hoping you get your property into early production, I am

Yours very truly,

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

JSC:LP

4 October 1941

Mr. Wa. Muir,  
Canille Route,  
Elgin, Arizona.

My dear Mr. Muir:

I am enclosing herewith a copy of mine  
owners report covering the DAVIS-MUIR PROPERTY which  
you have filed with the department.

I shall be glad to submit this report to  
anyone making inquiry for a property such as your,  
and I trust that we may be able to be of assistance to  
you.

With kindest personal regards, I am

Yours very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW:jrf  
encl.

# ARIZONA SMALL MINE OPERATORS ASSOCIATION

W. J. GRAHAM, STATE PRESIDENT  
CHARLES F. WILLIS, STATE SECRETARY

OFFICE OF STATE SECRETARY,  
528 TITLE AND TRUST BLDG.,  
PHOENIX, ARIZONA

## COUNCILS

September 12, 1941

- AGUILA
- AJO
- ALAMO
- ARIVACA
- BENSON
- BISBEE
- BOUSE
- CASA GRANDE
- CAVE CREEK
- CHERRY
- CHLORIDE
- CLEATOR
- CLIFTON-MORENCI
- CONGRESS
- CROWN KING
- DOUGLAS
- DUNCAN
- ELLSWORTH
- FLORENCE
- GLOBE
- HUACHUCA
- KINGMAN
- KIRKLAND
- KLONDYKE
- MARICOPA
- MAYER
- MESA
- MIAMI
- MOHAVE
- MORRISTOWN
- NOGALES
- NO. COCHISE
- OATMAN
- ORACLE
- PARKER
- PATAGONIA
- PAYSON
- PEARCE
- PHOENIX
- PRESCOTT
- QUARTZSITE
- QUIJOTOA
- RAY
- SAFFORD
- SALOME
- SELLS
- SO. COCHISE
- SUNFLOWER
- SUPERIOR
- TOMBSTONE
- TUCSON
- TURQUOISE
- VERDE
- WICKENBURG
- WILLCOX
- WINKELMAN
- YARNELL
- YAVAPAI
- YUMA

Mr. Wm. Muir,  
Canille Route,  
Elgin, Arizona.

Dear Mr. Muir:

We certainly appreciate your donation of \$5 to keep the work of the Department of Mineral Resources going.

I surely hope that you hear something from Zarit of the J. C. Myers Company. We do know that he is very carefully looking at manganese opportunities over the state and I will let him know that you have turned over your interest in the manganese property to Mr. Upchurch.

*Canille*  
I am wondering if we have your gold-silver-lead property in ~~Kingman~~ listed and have reports on it. If not we certainly should have because a lot of people are examining our file of reports and getting data from us regarding them. If we have a pretty complete statement it helps to get them interested in looking them over. I am sending a copy of a Mine Owner's Report so that you may fill it out for our records and possibly we can be of assistance to you in interesting somebody.

As a donator to the continuation of the work of the Department of Mineral Resources, you will be interested to know just exactly the character of the work being done so I am sending you under separate cover a copy of a report made to the Governor covering the activities of the Department during the month of August. We are rendering these reports regularly and you will be put on the list to receive them as this keeps you informed as to that which you are supporting.

With kindest personal regards, I am

Yours very truly,  
*Charles F. Willis*  
CHARLES F. WILLIS, State Secretary  
AEMOA

CFW:MH