



## **CONTACT INFORMATION**

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WISCONSIN MANGANESE

ALTERNATE NAMES:

PITTSBURGH  
BLACK RAVEN & CROW GROUPS  
WHITING MILL  
SMITHWICK MINE

MARICOPA COUNTY MILS NUMBER: 172

LOCATION: TOWNSHIP 5 N RANGE 9 W SECTION 32 QUARTER SE  
LATITUDE: N 33DEG 43MIN 40SEC LONGITUDE: W 113DEG 12MIN 57SEC  
TOPO MAP NAME: BIG HORN MTS - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

MANGANESE

BIBLIOGRAPHY:

ADMMR WISCONSIN MANGANESE FILE  
ADMMR "U" FILE  
FARNHAM & STEWART USBM IC 7843 P 23  
WILSON E & BUTLER G AZBM BULL 127 P 69  
JONES E & RANDSOME F USGS 710-D P 143  
ADD. WORKINGS SEC 1-T4N-R10W  
ADMMR PARKER CUSTOM MILL STUDY FILE

BLACK RAVEN & CROW GROUPS

MARICOPA COUNTY

ABM Bull. 127 p. <sup>69</sup>68

IC 7843 p. 23 - Sec. 1, T4N, R10W

Wisconsin Group (file)

Whiting Mill Mine (file)

"U" File

USGS Bull 710-D p. 143

MILS Sheet sequence number 0040130011 ..

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

~~-- December 10, 1957~~

January 30, 1958

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

BLACK CROW  
(Property)

MANGANESE OXIDES  
(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

BLACK RAVEN & CROW GROUPS \*  
ROADSIDE MINE \* &  
DULCY MINE \*

MARICOPA COUNTY  
BIG HORN DIST.

See: "MANGANESE DEPOSITS OF WESTERN ARIZ." USBM, I.C. 7843 p 20  
p 23 (1958)

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Jim and W.T. Stanley - leasing BLACK CROW 1,2, & 3 and BLACK RAVEN 4, 5 & 6.  
George Paris - possible backer. Memo - FPK - 5-7-59

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DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

MANGANESE  
SURVEY

Mine BLACK CROW

Date June 26, 1942

District Vulture Dist., Maricopa Co.

Engineer Elgin B. Holt

Subject:

B R I E F R E P O R T

OWNERS: Elwood McCabe & John N. House, 1302 N. 11th St., Phoenix, Ariz.

AREA & LOCATION: Five claims located 13 miles south of Aguila, Ariz.

METALS: Manganese oxides.

VEIN: The main vein, which is from two to six feet wide, strikes East and West and dips 64 deg. south. Manganese ore is found in croppings along the vein for about 500 feet. This portion of vein has been mined to depths ranging from 20 to around 75 feet.

DEVELOPMENT WORK, consists of one main two compartment timbered shaft about 75 feet deep and two other shafts from 40 to 50 feet deep, with open cut work along vein from which ore was mined years ago.

PRODUCTION: Owners claim that during 1917-18 around 17 car loads of ore were shipped averaging better than 45 per cent manganese.

ORE RESERVES: Ore on dump at the time of visit, June 25, 1942, is estimated at 800 tons averaging, also per a rough estimate, from 15 to 25 per cent manganese. There is no ore blocked out in the mine, inasmuch as nearly all the ore developed years ago was stoped out, excepting the lower grade segments of vein which were left standing in place.

THE POSSIBLE ORE IN THIS PROPERTY, to a depth of 200 feet, is estimated at around 35,000 tons. While the grade of this ore is not available, it is believed the same will average around 15 per cent manganese.

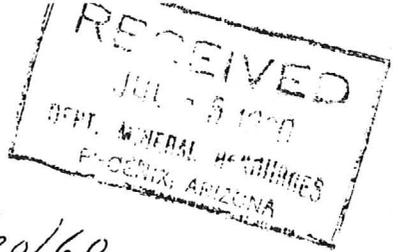
IMPORTANCE OF PROPERTY: This property, while not large, has the earmarks, that if developed, it could be depended upon to produce around 50 tons per day of ore averaging 15 per cent manganese.

CAPITAL REQUIREMENTS: It would require an investment of \$45,000 to develop property to a depth of 300 feet, including 2,000 feet of drifting on vein.

ROADS: Property is reached from Aguila by a county maintained dirt road to within one mile of the same; thence by desert unimproved road to the mine.

Elgin B. Holt.

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



LEAD & SILVER (2) BLACK EAGLE - GOLD - (2) GOLD LEAF #21#3 Date 6/30/60  
MANGANESE - Mine: (3) CROWS - (3) BLACK RAVEN - (2) SUZIE Q - (3) DULCIE - (1) ROADSIDE

2. Location: Sec. .... Twp. .... Range. .... Nearest Town. AGUILA Distance 20 MI. (M)  
Direction SE & SW. Nearest R.R. AGUILA, ARIZ. Distance 20 MI.  
Road Conditions. GOOD GRADED DIRT

3. Mining District and County: BIG HORN - MARICOPA CO.

4. Former Name of Mine: SAME

5. Owner: JOHN N. HOUSE  
Address: BOX 13, AGUILA, ARIZ.

6. Operator: LESSORS  
Address: AGUILA, ARIZ.

7. Principal Minerals: MANGANESE

8. Number of Claims: Lode 12 2 2 Patented ..... Unpatented. ✓  
Placer ..... Patented ..... Unpatented.

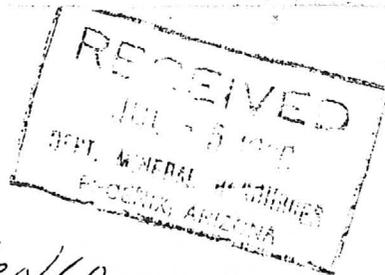
9. Type of Surrounding Terrain: DESERT & MOUNTAINS

10. Geology and Mineralization: (M) DIARITE - (S) DIARITE - (G) \$25.00 TON.

11. Dimension and Value of Ore Body: (M) VEINS 2 TO 4 FT. WIDE - (S) VEINS 1 TO 3 FT. WIDE  
(M) \$60,000.00 ORE SOLD - (S) \$10,000.00 ORE SOLD

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

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



LEAD & SILVER (2) BLACK EAGLE - GOLD - (2) GOLD LEAF #2 + #3 Date 6/30/60  
MANGANESE - Mine: (3) CROWS - (3) BLACK RAVEN - (2) SUZIE Q - (3) DULCIE - (1) ROADSIDE

2. Location: Sec..... Twp..... Range..... Nearest Town AGUILA Distance 20 MI. (M)  
Direction SE & SW Nearest R.R. AGUILA, ARIZ. Distance 20 MI.  
Road Conditions GOOD BLADED DIRT

3. Mining District and County: BIG HORN - MARICOPA CO.

4. Former Name of Mine: SAME

5. Owner: JOHN N. HOUSE  
Address: BOX 13, AGUILA, ARIZ.

6. Operator: LESSORS  
Address: AGUILA, ARIZ.

7. Principal Minerals: MANGANESE

8. Number of Claims: Lode 12 2 2 Patented..... Unpatented   
Placer..... Patented..... Unpatented.....

9. Type of Surrounding Terrain: DESERT & MOUNTAINS

10. Geology and Mineralization: DIARITE - DIARITE - @ \$25.00 TON.

11. Dimension and Value of Ore Body: VEINS 2 TO 4 FT. WIDE - VEINS 1 TO 3 FT. WIDE  
\$60,000.00 ORE SOLD - \$10,000.00 ORE SOLD

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

12. Ore "Blocked Out" or "In Sight": ORE IN SIGHT ON ALL CLAIMS.

Ore Probable: 1500 TONS OR MORE

13. Mine Workings—Amount and Condition: GOOD COND. - WORKABLE NOW.

(M) No. (S)	(M) Feet (S)	Condition
Shafts 1   1	75   100	GOOD
Raises 1	50	GOOD
Tunnels 4	350	GOOD
Crosscuts 2   2	100   40	GOOD
Stopes (S) 1   1	50   (S) 35	GOOD
OPEN CUTS	400	GOOD

14. Water Supply: 6 MI. TO CLOSEST WELL.

15. Brief History:

16. Remarks:

17. If Property for Sale, List Approximate Price and Terms: FOR SALE OR LEASE.

NO SET PRICE.

18. Signature: John N. House

## Black Raven + Crow (cont.)

were leasing the properties. House owned the properties in 1960.

Geology of the area:

Manganese mineralization occurs on the properties in 10 or more veins and fracture zones which cut the schistose and granitic rocks. The fractures range from 1 to 8 feet in width. Some of the veins are exposed for several hundred feet along the strike.

ore:

in 1960, J.N. House reported that \$60,000 in manganese ore had been sold and \$10,000 in silver ore had been sold. He estimated 1500 tons of manganese ore was probable on the property.

in 1942 it was estimated that 35,000 tons of Mn ore existed on the property.

Black Raven and Crow Groups (Pittsburgh Group)  
Sec 1, T. 4N., R. 10W. (Pittsburgh Group)  
Maricopa County (Pittsburgh Group)

reference: Arizona Dept. of Mineral Resources  
Black Raven and Crow Groups (file)

Manganese Deposits of Western Arizona  
by L.L. Farnham and L.A. Stewart  
Bureau of Mines Information Circular 7843  
U.S. Dept. of the Interior 1958

Manganese Ore Deposits in Arizona  
by Eldred D. Wilson and G. M. Butler  
Arizona Bureau of Mines Bulletin No. 127  
U. of Arizona 1930

present owner:

minerals: gold, silver, manganese

history of the area:

it is claimed that during 1917-18 about 17  
car loads of ore were shipped from this  
property. The ore averaged better than  
45 percent manganese. During WWI  
the property was known as the Pittsburgh  
Group. The claims were relocated in 1940  
and called the Wisconsin Group. In 1951 the  
Black Raven and Crow Groups were relocated  
by J.N. House of Aquila. In 1954 the Black Raven  
claims were leased to H.R. Miller and Hans  
Christoferson and the Crow Group was  
leased to W.H. Bracken. During 1953 and the  
early part of 1954 about 500 tons of ore was  
shipped from the two properties. Most of the  
ore was mined from the Black Raven.

29 November 1940

Mr. J. P. Finkelstein,  
Hotel Hassayampa,  
Prescott, Arizona.

My dear Mr. Finkelstein:

With further reference to your request for a manganese property, I am enclosing herewith a copy of mine owners report filed by Mr. Elwood McCabe, c/o Ed Rudolph, Phoenix, Arizona, covering the BLACK CROW MINE.

I should suggest that you communicate directly with Mr. McCabe regarding this property.

Yours very truly,

J. S. Coupal  
Director

JSC-jrf  
encl.

*Coupal  
in file*

30 September 1941

✓  
Mr. Elwood McCabe,  
1302 N. 11th Street,  
Phoenix, Arizona.

My dear Mr. McCabe:

I have today mailed to Mr. L. S. Hackney,  
132 No. Kenmore Avenue, Los Angeles, California, a  
copy of mine owners report covering the BLACK CROW  
MINE with the suggestion that he communicate with  
you for further information.

I trust that you will hear from Mr. Hackney  
and that desired results may obtain.

With best wishes, I am

Yours very truly,

J. S. Coupal

JSC-jrf

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

*Personal*

Date 13 November 1940

1. Mine *Black Crow Mine*
2. Location *13 miles South of Agua Fria*
3. Mining District & County *Vulture Mining Dist  
Maricopa County*
4. Former name
5. Owner *Elwood McCabe + John H. House*
6. Address (Owner) *95 Ed Rudolph  
Phoenix*
7. Operator
8. Address (Operator)
9. President, Owning Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals *Manganese*
15. Production Rate *Some gold + copper*
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present  
*open work -  
Location work + tapping veins*
19. Operations: Planned  
*None*
20. Number Claims, Title, etc. *5 claims (location)*

21. Description: Topography & Geography

*lava top - do not have to timber very heavy  
lies in bowl-like (mountains surround) property.*

22. Mine Workings: Amt. & Condition

*location holes (8 ft.)*

23. Geology & Mineralization

24. Ore: Positive & Probable, Ore Dumps, Tailings about 700 to 1000 tons on dump -  
30 to 40% ore.

24A. Dimensions and Value of Ore body

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route <sup>home</sup>  
~~Good~~ paved road to Aguila + good graded road from Aguila to mine (13 miles)

27. Water Supply 3 miles to good well.

28. Brief History 1917 + 18 (got from Tucson) operated + shipped 17 carloads of ore averaging better than 45%.

29. Special Problems, Reports Filed

30. Remarks

31. If property for sale: Price, terms and address to negotiate. open for negotiations.  
communicate with owners.

32. Signature Elwood McLake

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date November 13, 1940

1. Mine Black Crow Mine
2. Mining District & County Vulture Mining Dist.  
Maricopa County
3. Former name
4. Location 13 miles south of Aguila
5. Owner Elwood McCabe and John N. House
6. Address (Owner) ~~c/o Ed Rudolph~~  
1302 N. 11<sup>th</sup> St  
Phoenix, Arizona
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Manganese.  
Some gold and copper
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present Open work.  
Location work and tapping veins
19. Operations Planned None
20. Number Claims, Title, etc. 5 claims (location)
21. Description: Topography & Geography Lava top - do not have to timber very heavy.  
Lies in bowl-like (mountains surround) property.
22. Mine Workings: Amt. & Condition Location holes - 8 feet.

23. Geology & Mineralizat.

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

About 700 to 1000 tons on dump.  
30 to 40 per cent ore.

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

25. Mine, Mill Equipment & Flow Sheet

None

26. Road Conditions, Route

Paved road to Aguila and good graded road from Aguila to mine (13 miles).

27. Water Supply

3 miles to good well.

28. Brief History

1917 and 1918 (got from Tucson) operated and shipped 17 carloads of ore averaging better than 45 per cent.

29. Special Problems, Reports Filed

30. Remarks

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

Open for negotiations.

Communicate with owners.

32. Signed.....Elwood McCabe.....

33. Use additional sheets if necessary.

#5

Out cropping  
10' to 12' wide

#1



Location  
hole

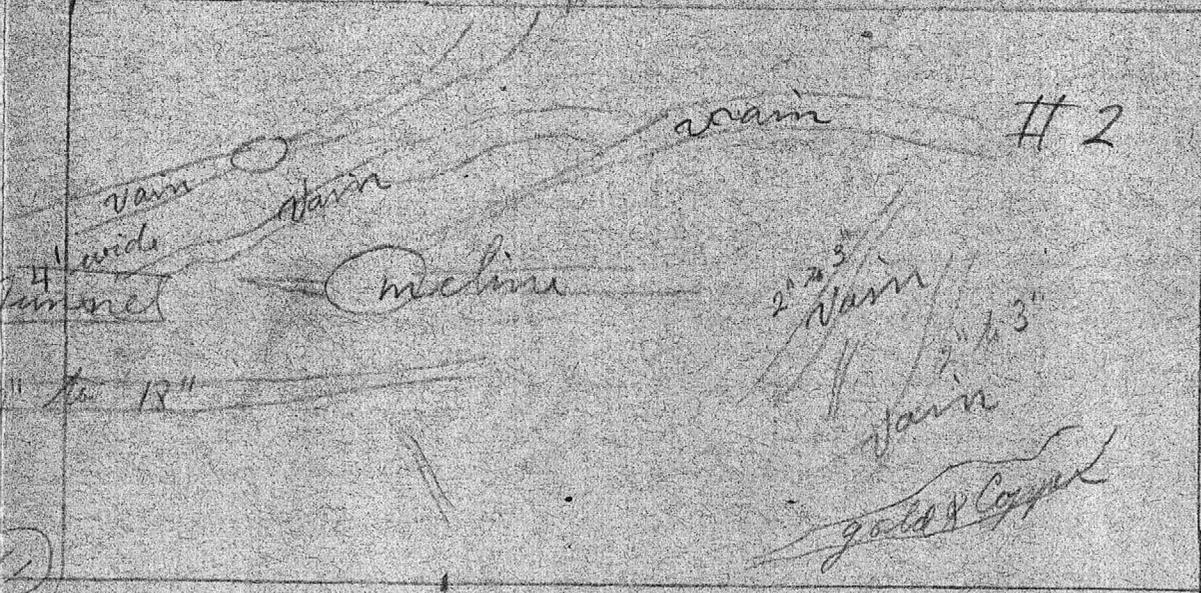
Located 13 miles  
from Railroad on  
good Graded Road

#4

A'

# 3

8 1/2 to 10" outcropping  
12"



# 2

Location

of Claims

Owned By

ELWOOD McCABE

JOHN N. HOESE

of [unclear] [unclear] [unclear]

Wisconsin Mine (aka. Black Raven + Crow Groups)  
Big Horn Mtns. 15' Sec. 32, T. 5N., R. 9W.  
Maricopa County.

reference: Arizona Dept. of Mineral Resources  
Wisconsin Manganese Mine Maricopa Co. (file)

present owner ?

history of the mine:

the property was worked by M.A. Smithwick  
of Aguila, Az. in 1942. He marketed  
about 100 tons of high grade Mn ore  
assaying 42% to 52% Mn to Phoenix.  
In 1943 the property was owned by  
Mrs. M.S. Ponton of Los Angeles, Cal.  
no other info

ore: (manganese) pyrolusite, psilomelane

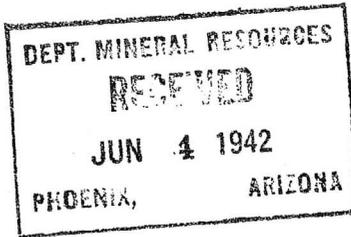
geology: country rock is red biotite  
andesite which is traversed NW-SE  
by three veins. Several shafts into the  
vein.

SURVEY OF OPERATING MINES

JUNE 3rd, 1942

By A. C. Nebeker

SMITHWICK MINE



SMITHWICK MINE

Owner M.A. Smithwick.  
Aguila, Arizona.

*Mancoff* *Big Horn Dist*

This location is 14 miles southwest of Aguila, Yavapai Co, Arizona.

The vein is 4 feet wide and about 3/4 mile long.

The owner has been working just a few weeks and has gone down on the vein 20 feet and the vein across the 4 feet assays 38% plus in Manganese.

He made one car load shipment two weeks ago which assayed 41.68% manganese but has not yet received any payment on the same.

He has only 2 men working and will have another car load to ship about June 20th.

The property consists of 13 claims, four of which he has let a lease and option to Mr Thomas L Woodruff.

The equipment on the property now is small compressor, Jackhammer and a arm strong hoist ( windless)

Nine claims of this group has been opened *by* cuts and a shaft 60 feet deep and he claims to have several thousand tons lower grade ore on the dump.

Mr Smithwick is waiting to see what Mr Woodruff developes and proves on the 4 claims he has a lease on, before planning future work.

WISCONSIN CLAIMS.

These are the 4 claims Mr Woodruff has leased from Smithwick.

All loc ated 14 miles southwest of Aguila and on a good road to the property.

Mr Woodruff is working now 6 men and is moving in a 315 Cu Ft compressor driven by a Diesel engine, a Diesel Bulldozer and everything needed for big operations.

He plans to have 15 men working by the 1st of July.

He is going to send the ore to the Stock pile at Phoenix.

Mr Woodruff found it necessary to bring his men in with him as he found no miners available h ere.

He has all the funds heneeds at this time but later may~~later~~ come in for assistance.

*A. C. Nebeker*

*bl*

10-1-86  
MINING RECORD

~~W~~ Wisconsin manganese

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine ✓ Whiting Mill

Date January 10, 1958

District Big Horn Dist. Maricopa County

Engineer Lewis A. Smith

Subject: Visit to Property

Location: 12 miles south of Aguila

Owner: ✓ H. M. Whiting, LaMarada Apts., Wickenburg, Ariz. or  
P. O. Box 83, Aguila, Arizona

Plant: Consists of a crusher, rolls and a Bandeley Jig, followed by  
2 small Wilfley tables.

The product is fines which average 40-43% Mn, and the head run a  
little over 10%.

The present capacity is about 275 tons per week, but the addition  
of a new table and Jig is calculated to increase this to 400-500  
tons per week. The present ore includes 20-30 tons per from  
four producers in the area, and occasional lots from the Mohave  
Mining Co's Black Rock. The main producers are:

- (1) Hans Christofferson & Son's Apache Mine ✓
- (2) Lions Den and Wisconsin. (B. Evans) ✓
- (3) Al Buell's Desert Rose. ✓
- (4) Mohave Mining Co's, Black Rock ✓

Two others are planning to produce by March. The mill now runs  
1 shift (3 men) for 6 days, but if everything proves out, 2 shifts  
will be working by March 1st.

Concentrates are now being sent to the Mohave Mining Co's  
Wickenburg Mill for further upgrading.

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless the special character is indicated by a suitable symbol above or preceding the address.

# WESTERN UNION

1011

DL - Day Letter
NL - Night Letter
EC - Evening Cable
MT - Cable Mail Telegram
Ship - Ship Telegram

The time shown on this card is for the standard time at point of origin. Time of transmission is shown at point of destination.

PAGE 1

WICKENBURG AM 4Z APR 12 1944

MR J S COUPAL

April 12, 1944

DEPT MINERAL RESOURCES HOME BLDG PHOENIX ARIZ

GET WISCONSIN REPORT WANTED HOLTS LAST REPORT MADE ON WISCONSIN MINE  
WE PLEASE SEND FULLER CARE FOX GALBRAITH WICKENBURG AND ONE ME  
LOS ANGELES THANKS

Mr. Clifford Fuller  
c/o Fox Galbraith  
Wickenburg, Arizona

Dear Mr. Fuller:

At the request of Mrs. M. S. Ponton I am

enclosing a copy of a report by Elgin B. Holt

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

on the Wisconsin manganese mine.

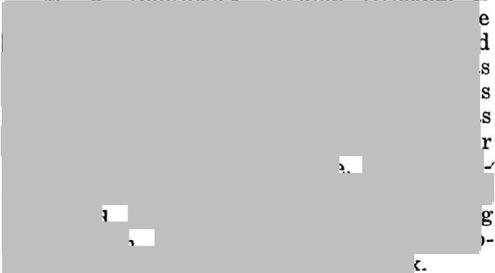
Yours very truly,

J. S. Coupal, Director

JSC:LP  
Enc.

CC: Mrs. M. S. Ponton

MINING Journal 6/30/42  
M. A. Smithwick, Aguila, Arizona. is



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July 2, 1943

Subject: Deferment  
Theodore Verne Standley  
Order No. 10616

P. C. Box 188,  
Kingman, Arizona.

Mr. E. A. Lockett, Chairman,  
Local Board No. 187,  
Selective Service System,  
Longfellow School,  
Pasadena, Calif.

Dear Sir:

I note by your letter of June 21st that the above named registrant has asked for deferment from military service, stating he is the owner and operator of the Wisconsin Manganese Mine, located 18 miles south of Aguila, Arizona. That he has applied for an RFC loan, and expected to receive the same within a short time, etc.

I note you ask my opinion as to whether or not I think, considering the time it will take to get this mine into production, the war effort would be hampered to any great degree if this registrant was called into service.

In answer, I visited this mine, first, on June 23, 1942, at which time it was being operated by Thomas L. Woodruff, 3387 North Knoll Drive, Hollywood, Calif. My next visit to the property was on March 19, 1943, at which time title to the Wisconsin mine had passed to Mrs. W. S. Ponton, 822 W. 6th St., Los Angeles, Calif.

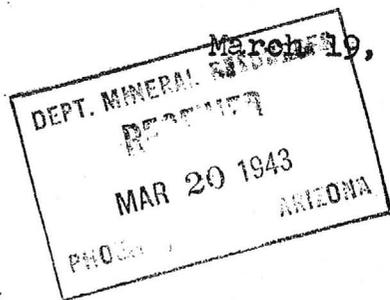
On my last visit, mentioned above, Mrs. Ponton informed me that Woodruff extracted and marketed about 100 tons of manganese ore to the Phoenix stockpile, said ore assaying from 48 to 52 per cent Mn. That in producing this ore, he worked from 8 to 10 men from April to November, 1942, and possibly made something above expenses. However, Woodruff made no attempt to develop the mine and, hence, this property is in the prospect stage, and new work will have to be done in order to expose new ore reserves, which no doubt exist deeper. Manganese ore is badly needed in our war effort, as you perhaps know. Also, in general, miners are being granted deferment, provided they are actually engaged in mining work. Therefore, I would say you can determine the status of Standley from the above facts.

Very sincerely yours,

cc - J. S. Coupal

Elgin B. Holt,  
Field Engineer.





WISCONSIN MN MINE  
M. S. PONTON, Owner  
She May Apply for an  
RFC Development Loan

MEMORANDUM

To: J. S. Coupal  
From: Elgin B. Holt

I am inclosing herewith my second report on the Wisconsin Mn property, now belonging to Mrs. M. S. Ponton, 822 W. 6th St., Los Angeles, Calif. Property is located about 25 miles south of Aguila.

As you will note, this property was worked by Thomas L. Woodruff, during 1942. Ponton states that Woodruff marketed to the Phoenix stockpile, during the said period, around 100 tons of high grade Mn ore assaying from 48% to 52% Mn - hand-sorted material, occurring in short lenses. She stated that Mr. Snow gave her these figures. So you could verify her statements from Snow.

Ponton may or may not apply for an RFC development loan, in what amount she did not say - possibly for \$20,000.

While this mine is pockety and not a large property, it is one of the best bets for the production of shipping ore in the Aguila district. I have learned since last summer that all Mn mines in western Arizona are superficial deposits and will not go down deeper than from 50 to 100 feet. The deeper one goes the lower the grade. However, the Wisconsin mine is far from worked out. Hence, if Ponton applies for a development loan, I suggest her application be given due consideration.

*E. B. Holt*

cc - Earl F. Hastings

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine WISCONSIN

Date March 19, 1943

District Vulture, Maricopa Co.

Engineer Elgin B. Holt

Subject:

R E P O R T

OWNER: ✓ Mrs. M. S. Ponton, 822 W. 6th St., Los Angeles, Calif.

FORMER OWNER: M. A. Smithwick, Aguila, Arizona.

METALS: Manganese: pyrolusite and psilomelane.

VISITS: My first visit to this property was on June 23, 1942, at which time it was being operated by Thomas L. Woodruff, 3387 North Knoll Dr., Hollywood, California. This property was again visited by me, in company with Mrs. M. S. Ponton, on March 15, 1943.

REPORTS: This is the second report I have made on the Wisconsin property. The first one was made under date of June 24, 1943.

LOCATION: Property is located around 25 miles south of Aguila and is reached by a desert road over which trucks can operate.

GEOLOGY, VEINS, MINE WORKINGS: The country rock is red biotite andesite which is traversed from northwest to southeast by three veins. The main vein, on which most of the work has been done, is from 2 to 4 feet wide and faulted into short segments from 20 to 30 feet long. These are opened by 12 cuts, test pits and shallow shafts from which ore was removed, "chlorider" fashion by Woodruff. The deepest shaft is around 35 feet, sunk on a short lens of high grade Mn ore.

PRODUCTION: Mrs. Ponton stated that Woodruff extracted about 100 tons of Mn ore, assaying from 48 to 52 per cent Mn, which was sold to the Phoenix stockpile. In producing this ore, he worked from 8 to 10 men from April to November 1, 1942. Also, Woodruff made no attempt to develop the mine: he merely "gouged out" all surface ore which could be removed easily and abandoned the property.

New exploratory work would have to be done in order to open up the property in such a manner so that shipping ore could be extracted again. There are about 40 tons of ore on the various dumps assaying about 20 per cent Mn. This shows that the major part of ore removed and marketed by Woodruff was of marketable grade. While this property is not large, further work should result in uncovering a considerable tonnage of shipping ore assaying above 35 per cent Mn.

*Elgin B. Holt*  
Elgin B. Holt.

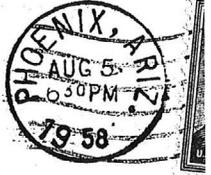
SMITHWICK MINE

MARICOPA COUNTY

Parker Custom Mill Study, Manganese Ores, Yuma, Maricopa, Mohave Counties (file)

ADMR Wisconsin Manganese Mine (file)

MINERAL-RESOURCES  
of Arizona  
ing, Fairgrounds  
X, ARIZONA



Unknown  
Return to Sender

Mr. M.A. Smithwick

~~Aguila~~

~~Arizona~~

~~Box 1000 No. 1000~~

U.S. POSTAL SERVICE  
ADDRESS CHECKED  
No post office in this area  
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ARIZONA DEPARTMENT OF MINERAL RESOURCES  
MINERAL BUILDING, FAIRGROUNDS  
PHOENIX, ARIZONA

August 5, 1958

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

Smithwick Mine (Maricopa Co.)	manganese
(Property)	(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*

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report