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06/05/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: REYNOLDS FALLS ASBESTOS

ALTERNATE NAMES:
BUFFALO GROUP
IMPERIAL PROPERTY

GILA COUNTY MILS NUMBER: 334

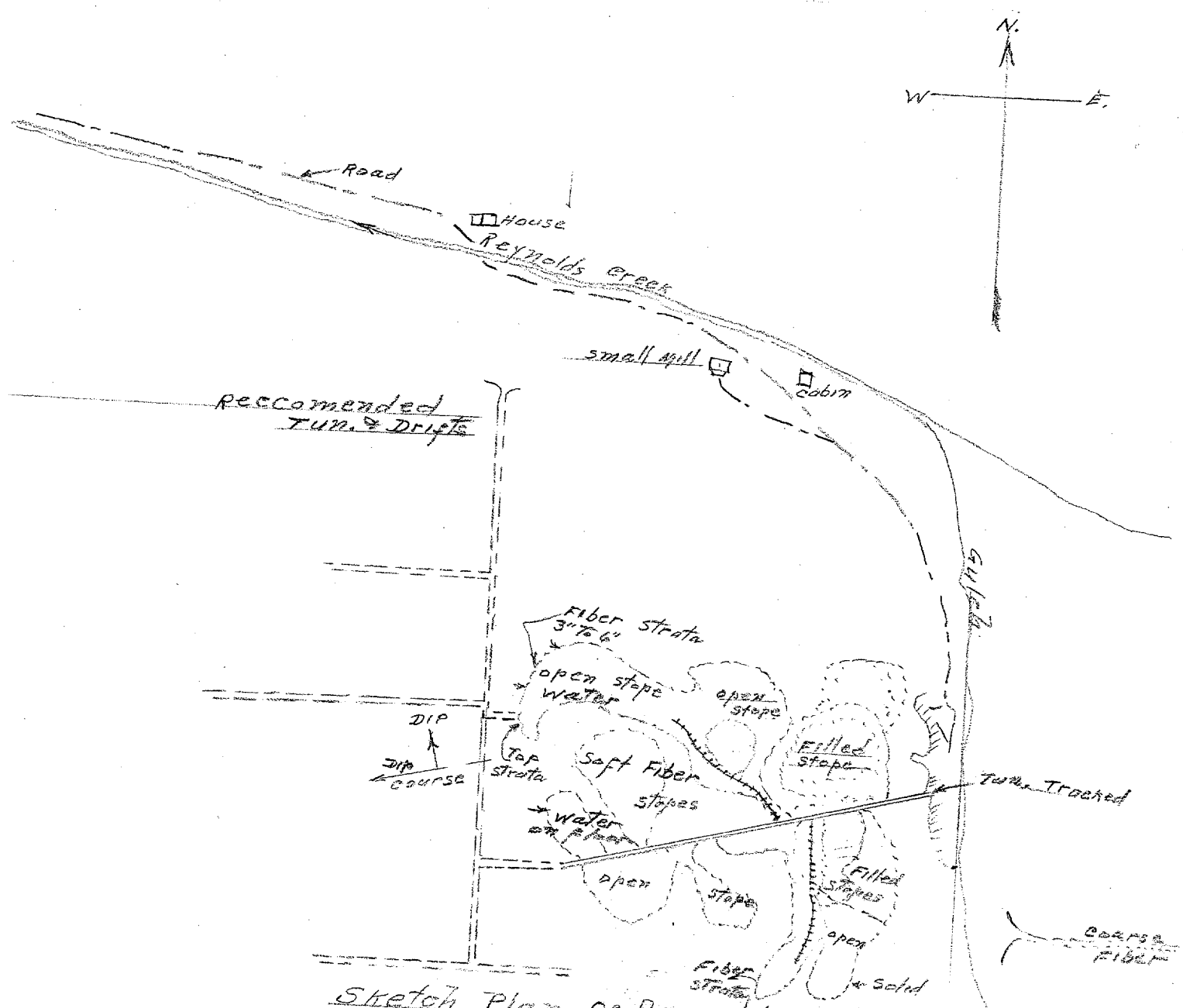
LOCATION: TOWNSHIP 6 N RANGE 14 E SECTION 21 QUARTER SW
LATITUDE: N 33DEG 50MIN 42SEC LONGITUDE: W 110DEG 55MIN 38SEC
TOPO MAP NAME: MCFADDEN PEAK - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
ASBESTOS
GEMSTONE SERPENTINE

BIBLIOGRAPHY:
ADMMR REYNOLDS FALLS ASBESTOS FILE
USGS MF 1162-B, MF 1162-H
STEWART, L A "AZ ASB DPSTS GILA CTY" USBM RI 4100, P 25; 1947
WILSON, E D "ASB DPSTS AZ" AZBM BULL 126,P 82
USBM WAR MINERALS REPT 371 1945
USBM IC 7706, P 74; ADMMR "U" FILE
ADMMR MAPS - (UPSTAIRS DRAWER 7)

ublished by the Geological Survey
S, and USFS

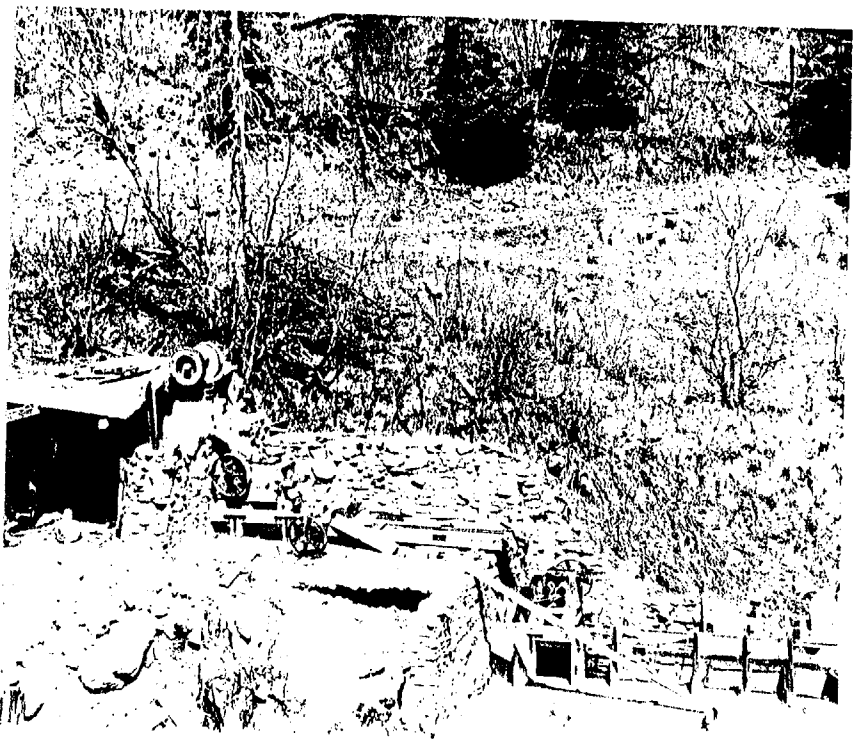


Sketch Plan Of Reynolds Fall Asbestos
Approx. Scale 100' to 1" Notes of A. Macfarlane
Department Of Mineral Resources Dec. 22 1942

REYNOLDS FALLS ASBESTOS MINE GILA COUNTY

Mr. Via stated that Via Development Corp. now owns the Reynolds Falls Asbestos mine, that now comprises 25 claims. Clarence Via's address is P.O. Box 4266, Santa Fe, New Mexico. Carley Moore of Globe, is local agent and watches over the claims for Via. Memo LAS 3-12-63

Dept. of Interior, Bureau of Mines, War Minerals Report, #371, (Nov. 1942) 12 pages, 5/3/77 a.p.



A-171-27

Mill Remains Looking West

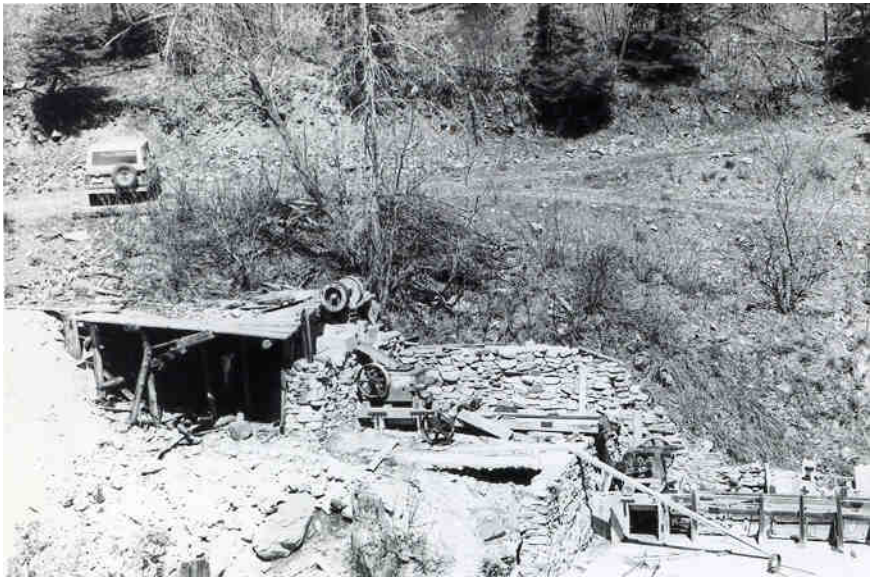
A-171-25

Main Adit

JUL • 76

A-171-26 1976

REYNOLDS FALLS ASBESTOS



DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine	Reynolds/Falls Asbestos Mine (Creek Group)	Date	May 19, 1960
District	Sierra Ancha District - Gila County	Engineer	Lewis A. Smith

Subject: Interview with Carley (Rusty) Moore, 201 Mesa, Globe, Arizona

Location: Reynolds Creek, T6N, R14E, Sec. 21

Owners: Carley L. (Rusty) Moore, 201 Mesa St., Globe, Arizona.
Ray Robinson, 407 17rh Ave. (Copper State Tractor Co.) - Phoenix

Work: Much recent short drilling has been done to a maximum depth of 48'. This was on 10-15' centers around the periphery of the deposit. 500' of underground work was done since 1950 in adits and drifts.

Plant: A crude type mill consisting of an 8-12 jaw crusher (½ inch discharge), a set of rolls, shaker screens, a second set of rolls, and a multiple shaker screen of the Kyle type.

Minerals: Asbestos and iron ore.

Geology: Two fiber beds, 36' apart, are found in serpentized Mescal limestone under a diabase sill. The mineralized area covers a total depth of 48' of limestone, the bulk of which is serpentized to variable degrees. The upper zone lies near the diabase and has about 8' of serpentine which carries several bands of asbestos. The lower asbestos zone is thinner than the upper one. The principal grades are 1, 2, 4 and 7. Moore states that part of the serpentized area is covered by very little overburden.

REYNOLDS FALLS ASBESTOS MINE

GILA COUNTY
Serria Ancha Dist.

Active March 17, 1960

LEWIS A. SMITH - Globe ASMOA

La Turno Asbestos BSS

Bob La Turno bought
Reynolds Falls mine 1-57

ASBESTOS SURVEY

NAME OF PROPERTY REYNOLDS FALLS ASBESTOS MINE

OWNER - Name JOHN WELLS
NATIONAL BANK BLDG
Address TULSA, OKLAHOMA

OPERATOR: Name GEO. W. KOHL
P.O. Box [redacted] 1593
Address GLOBE phone 413W

TYPE OF ORE: CHRYSOTILE

Length of Fibre #2, #3 & UNDER

Soft SOFT & SEMISOFT Hard ——

PRODUCTION (tons of crude ore)

Past 1 T/DAY FIBER 4-6 MEN (4½-22% #2 - AVG 6-10%
15-28% #3 ✓ 18%

Present SHUT DOWN FOR WINTER - TO START ABOUT MAY 1
Monthly

Estimated Future Production COAL 5-8 T ORE/D = 2-3 T FIBER/DAY, ALL GRADES
Monthly

ORE RESERVES:

Ore in Place NO BLOCKED ORE

Probable Ore 20' AHEAD OF WORKINGS — 4% #2, 14% #3, TOTAL [redacted] OF ORE FIBER 52%
FIGURES — $140,000 — EST. OF N.C. STINES, SAN FRANCISCO, CALIF. MING. ENGR.

IS YOUR ORE THE TYPE THAT COULD BE MILLED WITH OTHER ORE IN YOUR DISTRICT?

YES

Signed: George Kohl

March, 1954

Arizona Department of Mineral Resources
Phoenix, Arizona

Reynolds Falls Asbestos Mine

Owner-John Wells,
National Bank Bldg.,
Tulsa, Oklahoma
Operator-George W. Kohl,
P. O. Box 1593,
Globe, Arizona
phone 413 W

This property has been shut down for the winter, and is reportedly part full of water, being an incline down into the mountain. Probably be started up about ~~xxx~~ May 1.

This mine dips into the mountain, but is not so steep a dip, nor such an isolated block of limestone as some, and as far as this consideration goes, has possibilities of considerable extent, however, as with any other asbestos mine this can die out or dike off.

Past production when operating, with 4 to 6 men, one ton fiber per day. No appreciable amount of #1, $4\frac{1}{2}$ to 22% #2, average 6 to 10% number 2, 15 to 28% #3, average 18% number 3. The goal when opened up will be 5 to 8 tons ore per day with a fiber content of 2 to 3 tons of all grades of fiber per day.

Crude reserves.

It has been estimated by N. C. Stines a mining engineer of San Francisco, that within 20 feet of the present faces there is $140,000 in the for of 4% of ore #2, 14% #3, and a total fiber percentage of 52% in the ore.

The above information was from Mr. George W Kohl.

This property was not visited, nor has it been seen by the writer for a matter of years, so these figures will have to be accepted as is.

ASBESTOS SURVEY

NAME OF PROPERTY _____

OWNER - Name _____ OPERATOR: Name _____

Address _____ Address _____

TYPE OF ORE: _____

Length of Fibre _____

Soft _____ Hard _____

PRODUCTION (tons of crude ore)

Past _____

Present _____
Monthly

Estimated Future Production _____
Monthly

ORE RESERVES:

Ore in Place _____

Probable Ore _____

IS YOUR ORE THE TYPE THAT COULD BE MILLED WITH OTHER ORE IN YOUR DISTRICT?

_____

Signed: _____

March, 1954

Arizona Department of Mineral Resources
Phoenix, Arizona

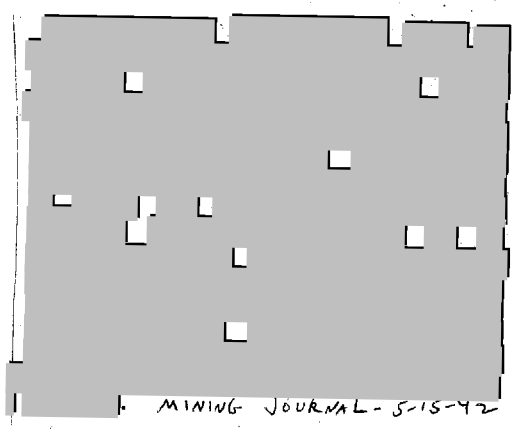
REYNOLDS FALLS ASBESTOS MINE

GILA COUNTY

NAME OF MINE: REYNOLDS FALLS
OWNER:

COUNTY: Gila
DISTRICT:
METALS: Asb.

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
4/45	Arthur Enders, Box 362, Globe	4/45 6/45	Shipping Idle



DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: Reynolds Falls Asbestos
Date: Dec. 21st, 1942

District: Cerro Ancho
Sierra Ancha
Engineer: A. Macfarlane

Subject: Examination Of Property.

DEPT. MINERAL RESOURCES
RECEIVED
DEC 26 1942
PHOENIX, ARIZONA

Department Of Mineral Resources
Mr J.S. Coupal Director
Phoenix, Arizona.

Gentlemen;

On saturday Dec. 19th, I drove up to the Reynolds fall locality and reached within 2 miles of the the mine of that name by auto, at this point a log fall blocked the narrow road so I therefor walked up and back to the mine.

Roads; Taking the Santa Fe Trail road from Globe until just easterly of Roosevelt lake, the road (County Road Maintained) to Youngs,forks towards the north and crossing the Salt River, windes in a northerly general direction up the steep southern shoulder of Cerro Ancho.

This county road is well kept and all grades practical for trucking loads.

At a point just above Aztec Lodge a mountain road breanches to the right following up a wooded draw for 5 miles to end at the Reynolds Fall mine; this road is only maintained by the operator of this Asbestos mine and although narrow, has no bad grades and during all dry seasons of the year is a practical trucking road.

Transportation ; Of the Asbestos fiber to globe is by truck a one way distance of ~~about~~ 55 miles over the above described road, at a fair cost of $4.00 per ton.

History Of Reynolds Fall Asbestos, dates back to 1917, when the initial prospecting work was started by Mr B.L.Rogers and continued by Mr Wm.Andrews until 1928 .

During the following 12 years five or six different men worked the mine which during this period became the property of the Imperial Mining Co. a Mr S.J. Brubacker manager, who towards the end of 1937 transfered the property to a Mr John E. Wells who in turn leased the mine to the present operator Arthur Enders.

Lesse Enders has during the past two years performed much underground development and stope cleaning, in addition to mining several tons of fiber.

Past Production ; From an estimated cubic footage of the stopes and assuming the tonnage of fiber taken out by the present Lesse as being a fair average thickness for all stoping done, I estimate this mine has yeilded about 300 tons fiber, mostly soft #2.

Of the above estimated yeild, I beleive about 15 tons were #1 soft fiber, a few tons of #3 and a little semi-harsh; the principal product being #2 soft fiber.

Assuming an average price of $350. per ton for mostly #2 soft the gross production todate is about $105,000.00 .

Future Potential Yeild: As the fiber containing stratas are well d defined in the many lineal feet of stope faces, the continuation of headings both westerly, northerly and to the south, will again open up payable asbestos fiber.

Generally there are two serpentine asbestos stratas visible in the stope headings, the lower one being from3"to 6"thick composed of two to four asbestos veins with soft fiber ranging in length from 1/8" to 7/8" this strata is about 1' above the stope floor,and a little higher in many places. The higher strata being about 4' above the main or lower, consists of several short fiber veinlets mostly good mill rock, as now visible.

Reccomended Development; The principal veins leading westward from the portal of the present tracked tunnel dip about 5 degrees towards the west also about the same dip northerly, as a result of this dip some of the deeper stopes are holding water up to a depth of 3'.

I would reccomend a new working tunnel whose portal would be located on the north face of the hill,above the mill and surveyed to connect at a few feet below the most westerly present heading, such a tunnel would prospect a few hundred feet of the strata north of the stopes and serve to draw all water out by gravity.

The water now accumulating in the stopes comes from overhead seepage, and during periods of melting snows and steady rains,is no doubt troublesome.

This proposed tunnel should be advanced in three directions after it reaches into fiber bearing strata, in order to develop the mine far beyond its present stope limits.

Geological Features: This mine is again typical of the vast asbestos deposits of Gila County,except that the mountain covering stratas are blinded with soil and fragmentary rock.

The gulch of a south to north course cutting accross the eastern exention,exposes a thick bed of diabase and only a few feet above this diabase the serpentenized lime strata was found and on this fiber bearing strata, the present main tunnel has been advanced about 250' on its westerly course and about 200'x 200' of stoping has been made, from the tunnel sides.

The ceiling is clean cut but three step ups or floor rolls are noted as development and stoping continued southerly of the main heading.

Serpentenizing compares with the larger mines of the Salt River asbestos belts and the ceilings and floor are mostly well in place 5' to 10' apart; this mine should have a substantial footage of new development.

Nov. 9

CONFIDENTIAL NOTE: Success in North Africa, re-routing ships through the Suez Canal instead of around the Cape might reduce imports of items from the southern coasts of Africa.

Bill

DEPT. MINERAL RESOURCES
RECEIVED
NOV 12 1942
PHOENIX, ARIZONA

Washington, D.C.
Nov. 16, 1942

DEPT. MINERAL RESOURCES
RECEIVED
NOV 18 1942
PHOENIX, ARIZONA

SUBJECT: Mine Loan
Reynolds Falls Asbestos Mine,
Pine Top
and others if suitable
Coupal's memo Nov. 12

I am aware that you must be badly overloaded and the loss of Perkins makes it particularly tough.

I rather forced this issue with the WPB as I knew or thought from previous memos on asbestos that you have a particular interest in getting something started and this is the first time I have been able to raise a flicker of interest, which might develop into something substantial.

I believe I can get support for the two properties mentioned if our reports were satisfactory and they might make a project of some sort if there were a few more, as I mentioned.

Bill Broadgate

pt.

November 12, 1942

MEMORANDUM

SUBJECT: Mine Loan
Reynolds Falls Asbestos Mine
Globe, Arizona

TO: W. C. Broadgate

FROM: J. S. Coupal

Regarding your memorandum of November 9 on this subject I do not see how it is going to be possible for us to make an examination in the near future on the Reynolds Falls or the Pine Top Asbestos properties.

Our engineer, Fred Perkins, who had the eastern area, died November 7 and his funeral was today.

We have just called George Ballam, the engineer in the southern district, on a special investigation of the copper property of the Mardun Copper Mining Company, and he is spending a good part of a week on this job which is in the northern part of Navajo County.

Charlie Willis, Hastings, and I are leaving tomorrow for a week at the Salt Lake Convention of the American Mining Congress.

I will keep this memorandum in front of me and see what can be done, but we are simply snowed under and probably will continue to be for a few weeks, so that immediate attention to this asbestos is somewhat out of the question.

With best wishes,

Washington, D.C.
Nov. 9, 1942

DEPT. MINERAL RESOURCES
RECEIVED
NOV 12 1942
PHOENIX, ARIZONA

SUBJECT: Asbestos
Mine loan, general
Reynolds Falls Asbestos Mine
Arthur Enders, Box 362
Globe, Arizona

I discussed the asbestos situation this afternoon with Mr. Gardner of the WPB who is in charge of this mineral. The situation regarding marketing and supply has not changed materially since I last talked with him. However, there is a possibility of a change.

Therefore, Mr. Gardner feels that it may be worth while to try out encouraging some production in Arizona as a feeler to see what might develop, if reasonably attractive properties can be found.

Mr. Gardner asks therefore, that I have an examination made by our staff on the Reynolds Falls property and also on the Pine Top Mine in the San Carlos Indian Reservation, J. S. Michault and furnish him with these and such information and reports which we may have in our files or be able to obtain on these properties.

From these reports Mr. Gardner will be able to determine if he should make representations to the RFC.

Mr. Gardner would also appreciate having data on half a dozen other asbestos mines in the Arizona asbestos belt that we may feel to have decided merit.

I hope we may be able to get the information on the Reynolds Falls soon as a loan has already been filed on this as you know, although so far rejected by RFC because of the market situation.

Mr. Gardner stated to me that at the moment he is also at a loss to point out suitable markets for anything but the best long fibre soft type but I suppose if a property could carry itself on the long fibre it could stockpile the shorts.

We exchanged some previous memos on the subject of a possible survey to determine the probability of a custom grading plant supporting itself.

Bill Broadgate

CC/Mr. Gardner

DEPT. MINERAL RESOURCES
RECEIVED
NOV 9 1942
PHOENIX, ARIZ.

Memo from Charles Willis.

Washington, D.C.
Nov. 7, 1942

SUBJECT: Mine Loan
Reynolds Falls Asbestos Mines,
Arthur Enders, Box 362, Globe, Ariz.

I am afraid the information in my previous memos on asbestos is still good. There is apparently little interest.

No one has told the RFC that Western asbestos is needed.

I believe they are afraid that it will be uneconomical to spend money on this loan (which was a general mining loan by the way, not class B. They want equipment rather than development). Apparently Western shorts cannot compete with Canadian and New England material and harsh is not desired. I do not know the conditions at Reynolds Falls, but long fibre soft might get some consideration.

The fact that the Bureau of Mines has $200,000 to spend is not a real part of the picture. This was a congressional grant made without any reference to requirements and does not necessarily reflect the WPB picture, if you understand what I mean.

I am interested in the statement that "numerous government agencies have been inquiring of this particular company as to their possibility of increasing production". Please name a few as it would help me a lot to find some government agency interested in domestic Western asbestos so I could throw it in a few faces.

I have an appointment at the Asbestos Branch Monday afternoon to discuss the situation and will find out if the picture has changed and try to get an endorsement for Reynolds Falls which might reopen the case with the RFC, if WPB shows any interest.

RFC tells me that no information is available from the Bureau of Mines survey and advised me not to try and reopen or refile until such information is available.

But the Asbestos Branch might have an answer for that.

Will report further as to what can be done.

Bill Broadgate