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PRINTED: 03/22/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MOHAVE MINING AND MILLING

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 331A

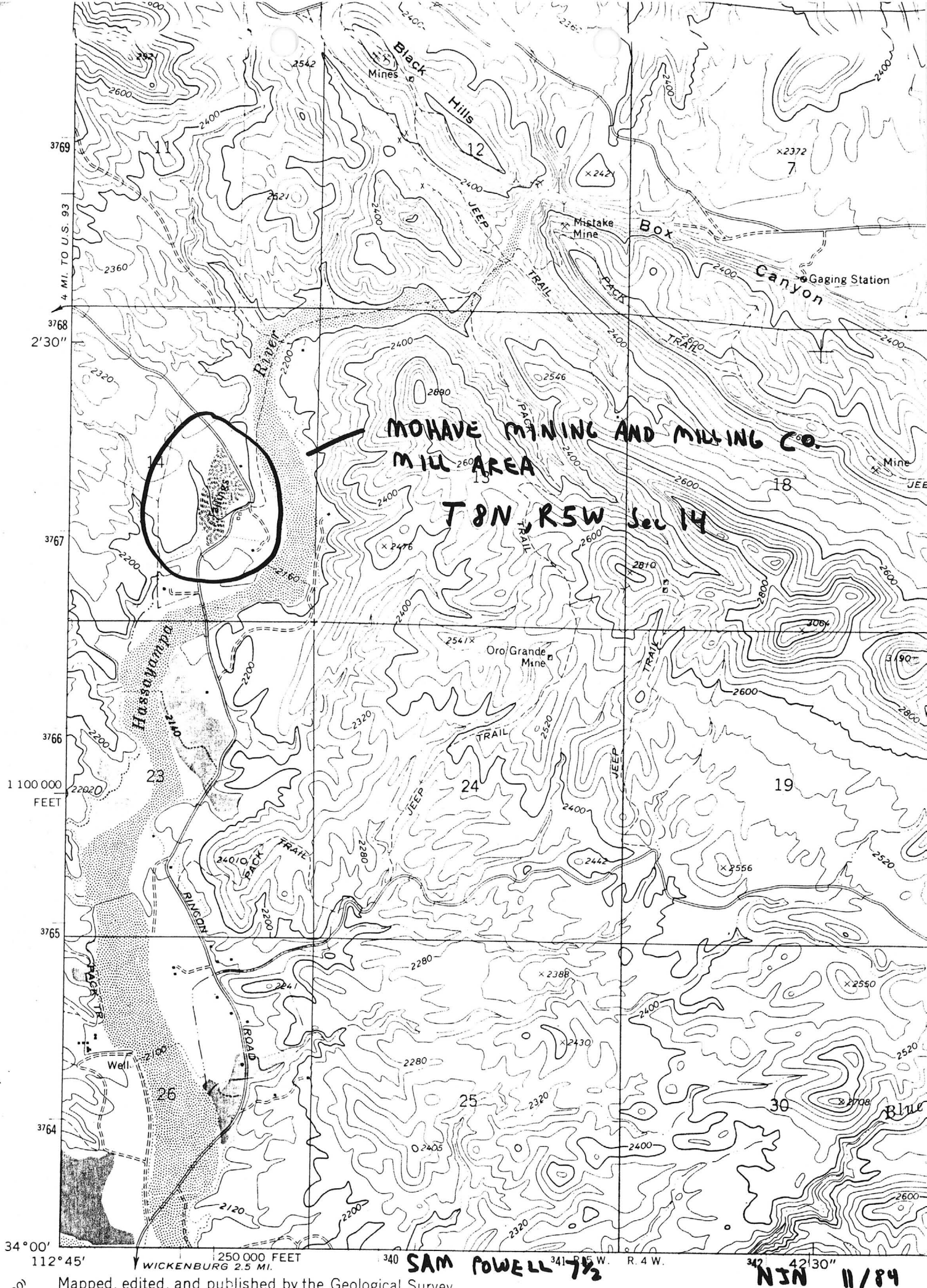
LOCATION: TOWNSHIP 8 N RANGE 5 W SECTION 14 QUARTER --
LATITUDE: N 34DEG 03MIN 17SEC LONGITUDE: W 112DEG 44MIN 00SEC
TOPO MAP NAME: SAM POWELL PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
MILL MN FLOTATION

BIBLIOGRAPHY:

USGS SAM POWELL PEAK QUAD
ADMMR MOHAVE MILLING AND MINING FILE
THIS LEASE INCLUDED PARTS OF SEC. 2, 11, 12 &
13 T8N-R5W AND SEC. 7, 17, 18 & 20 T8N-R4W
USBM IC 8144 MANAGANESE MINING AND MILLING
METHODS AND COSTS, MOHAVE MINING AND MILLING
CO, MARICOPA CO AZ BY P. V. FILO



3769
3768
2'30"

3767

3766

3765

3764

34°00'

112°45'

250,000 FEET
WICKENBURG 2.5 MI.

340

SAM POWELL 7 1/2

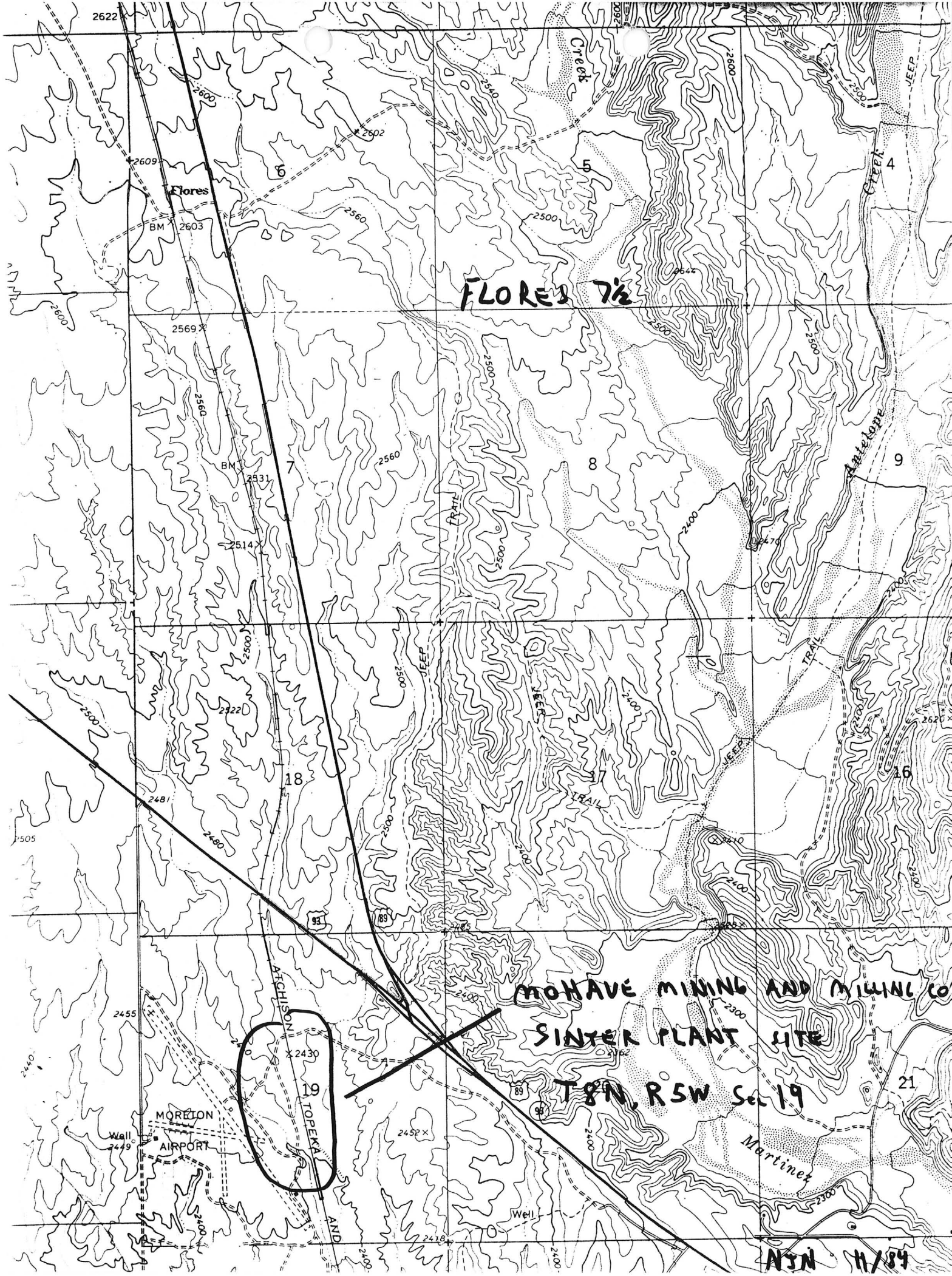
R. 4 W.

342

42°30"

NSN 11/84

Mapped, edited, and published by the Geological Survey



MOHAVE MINING & MILLING CO.

YAVAPAI COUNTY

Mill Site-T8N R5W Sec 14 SE $\frac{1}{4}$

Sintering Plant Site T8N R5W Sec 19

MILS Yavapai Index #331A (Note: MILS location for this property ^{was} is incorrect.

IC 8144, "Manganese Mining and Milling Methods and Costs, Mohave Mining & Milling Co., Maricopa County, ARizona"

See: Black Rock (file) Maricopa Co. The Black Rock mine supplied ore to the Mohave Mining & mIlling Co. plant.

See: Price & Priceless Claims (file) Mohave Co.

Davis Mine (file) Mohave County

Mills-Northern Dist (file)

Al Buel Property - Maricopa Co

Peliegriani Mine (See Black Rock Mine (file) Yavapai County

Magnet Mine - (file) Gila Co

Big Spar (file) Maricopa Co - Fluorspar

Yarnell Mine (file) Au-Ag Yavapai Co

Note; The above references were taken from the old Mohave Mining & Milling card and have not been checked for their relevance to this file)

DEPARTMENT OF MINERAL RESOURCES

News Items

Date 5/22/58

Mill

~~mine~~ Mill at "The Box," Hassayampa River

Location 1 1/4 miles north of Wickenburg

Owner Mohave Mining & Milling Co.

Address Office, Wickenburg, Arizona

Operating Co. Mohave Mining & Milling Co.

Address as above

Pres. - -

Genl. Mgr. Rod Easley

Mill

~~mine~~ Supt. Geo. Johnson

Sinter Plant

~~mill~~ Supt. Bob Monahan

Principal Metals Min.

Men Employed 12 at Mill, 14 at Smelter

Production Rate 200 TPD

Mill, Type & Capacity Jig, Screen, Flot Mill

200 TPD, Sinter 100 TPD

Power, Amt. & Type Purchased

Signed

(Over)

Present Operations Milling 200 TPD - 1/2 to
3/4 is custom ore principally from Globe.
Company is operating only Magnet Mine in
Globe area.

New Work Planned

Misc. Notes Mill is ^{near} ~~at~~ narrow canyon of Hassa-
yampa River, 4 miles north from Wickenburg.
Sinter plant is on Ry 6 miles N from Wicken-
burg.

Average grade mill feed 25% Mn. Approx-
imately 100 shippers in past year.

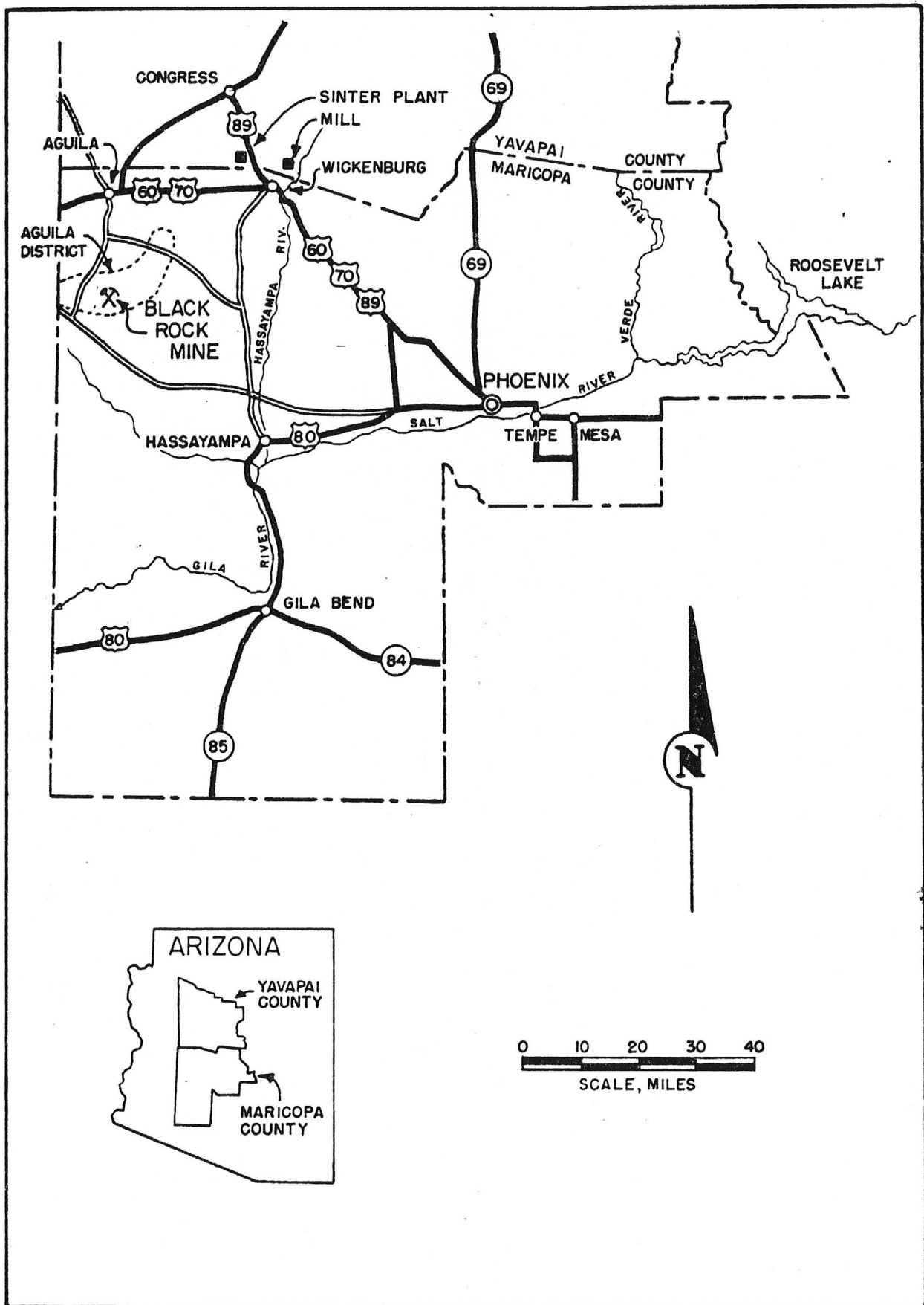


Figure 1.-Location Map, Mohave Mining and Milling Company Operations, Yavapai and Maricopa Counties, Ariz.

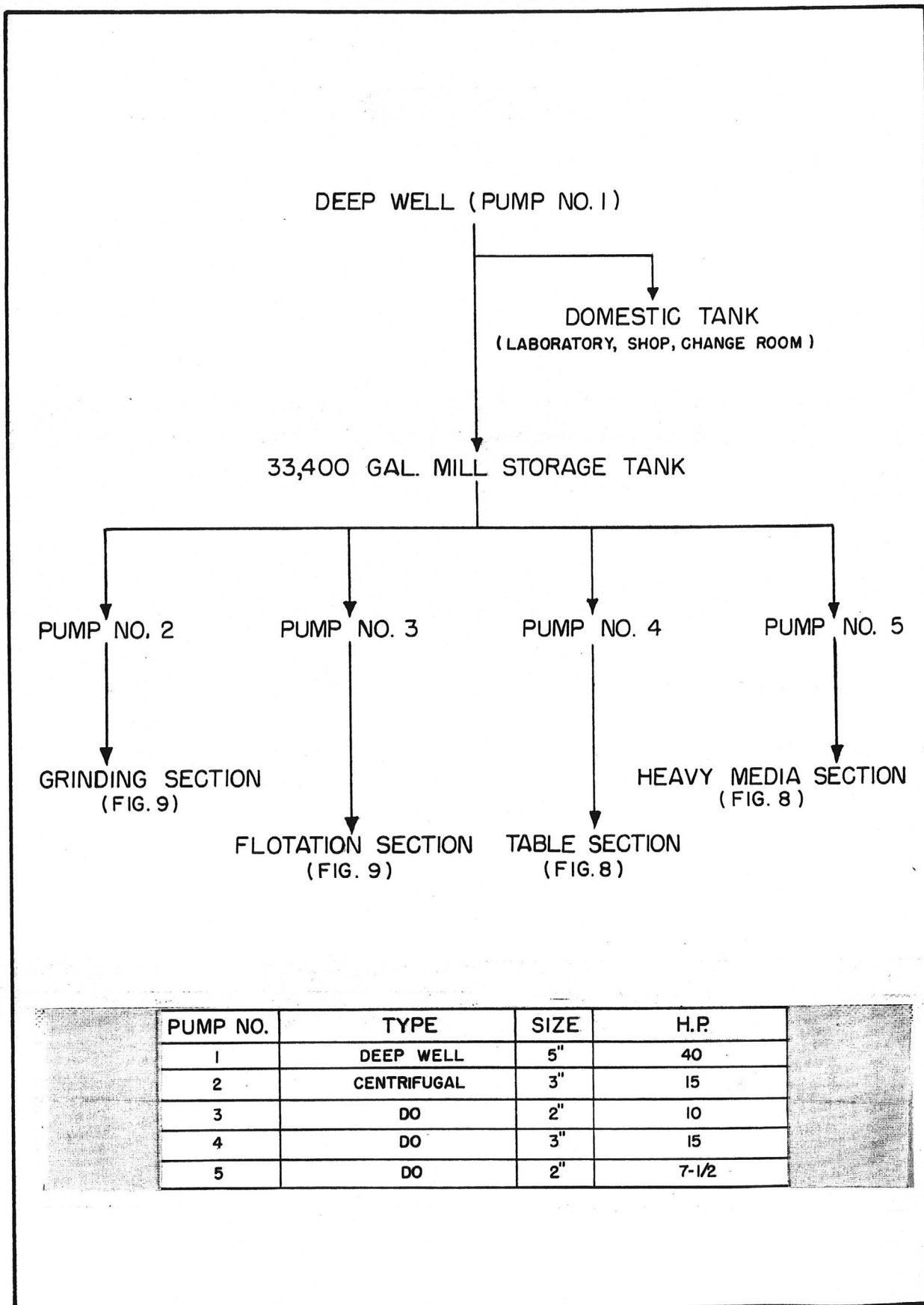


Figure 6.-Diagram of Water Distribution.

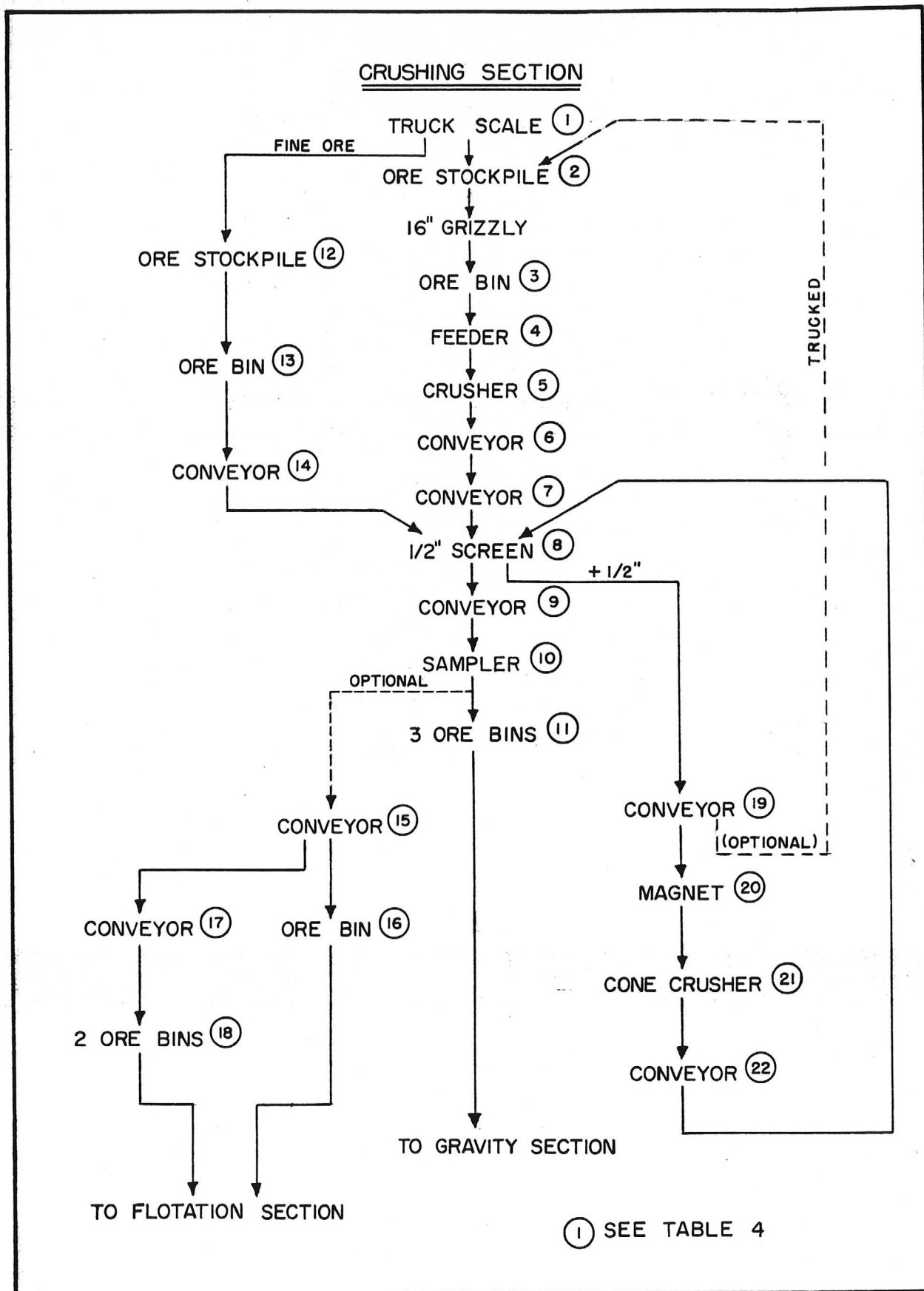


Figure 7.- Flowsheet of Crushing Section.

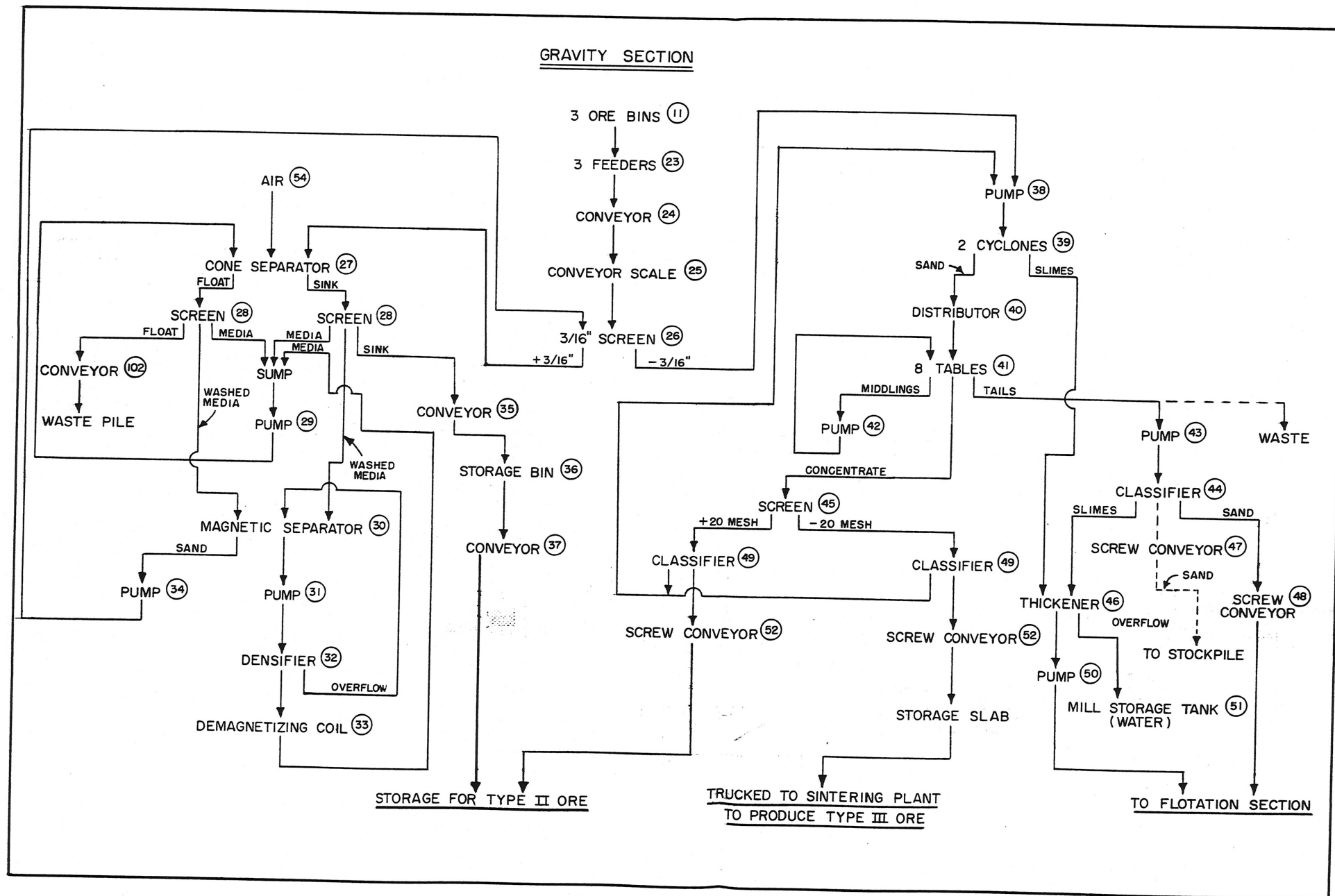
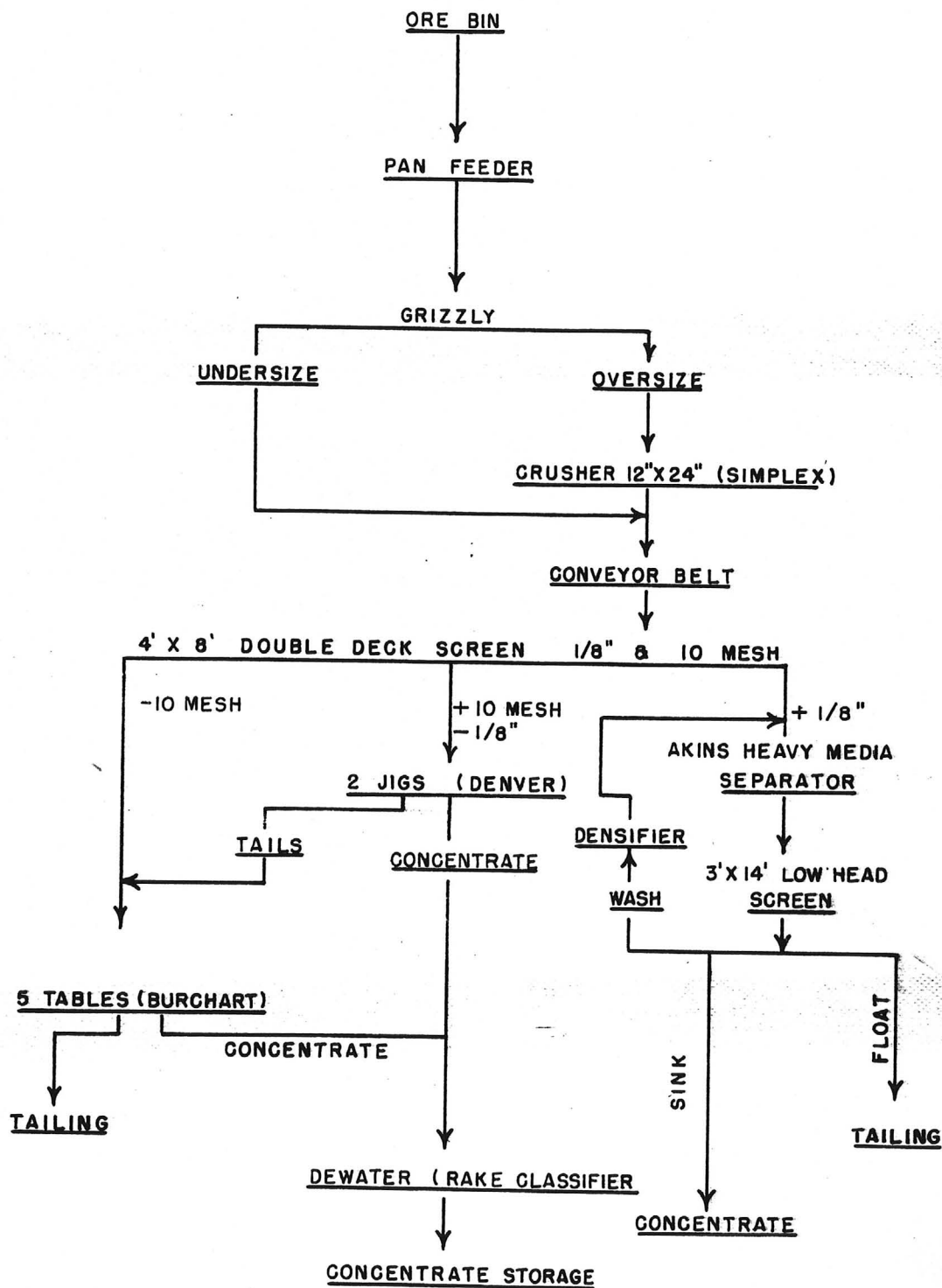


Figure 8.- Flowsheet of Gravity Section.



NOV. 1955

FIGURE II MILL FLOWSHEET - MOHAVE MINING & MILLING CO. *f.c*

SINTERING PLANT
CAPACITY 150 TONS PER DAY

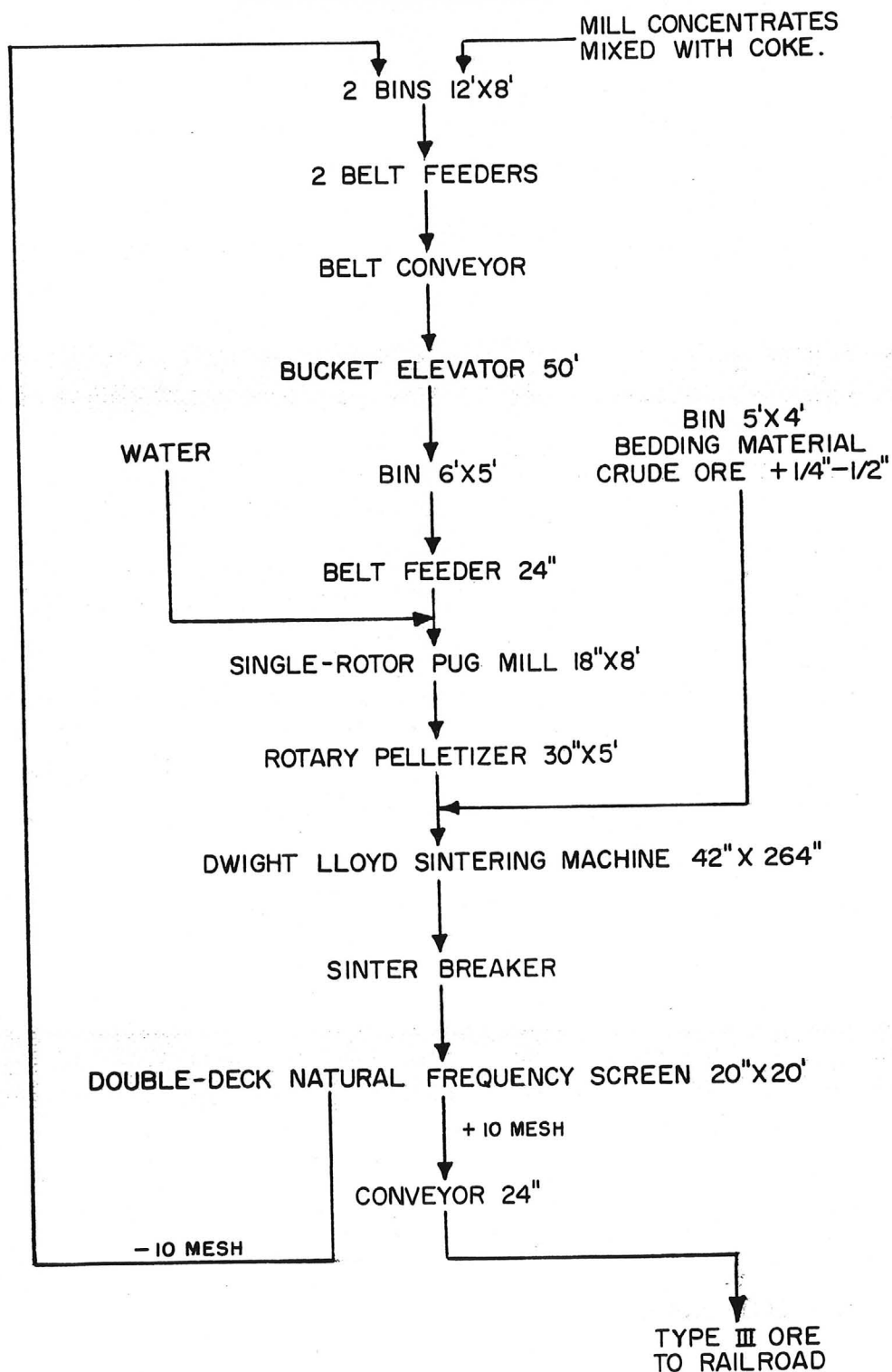
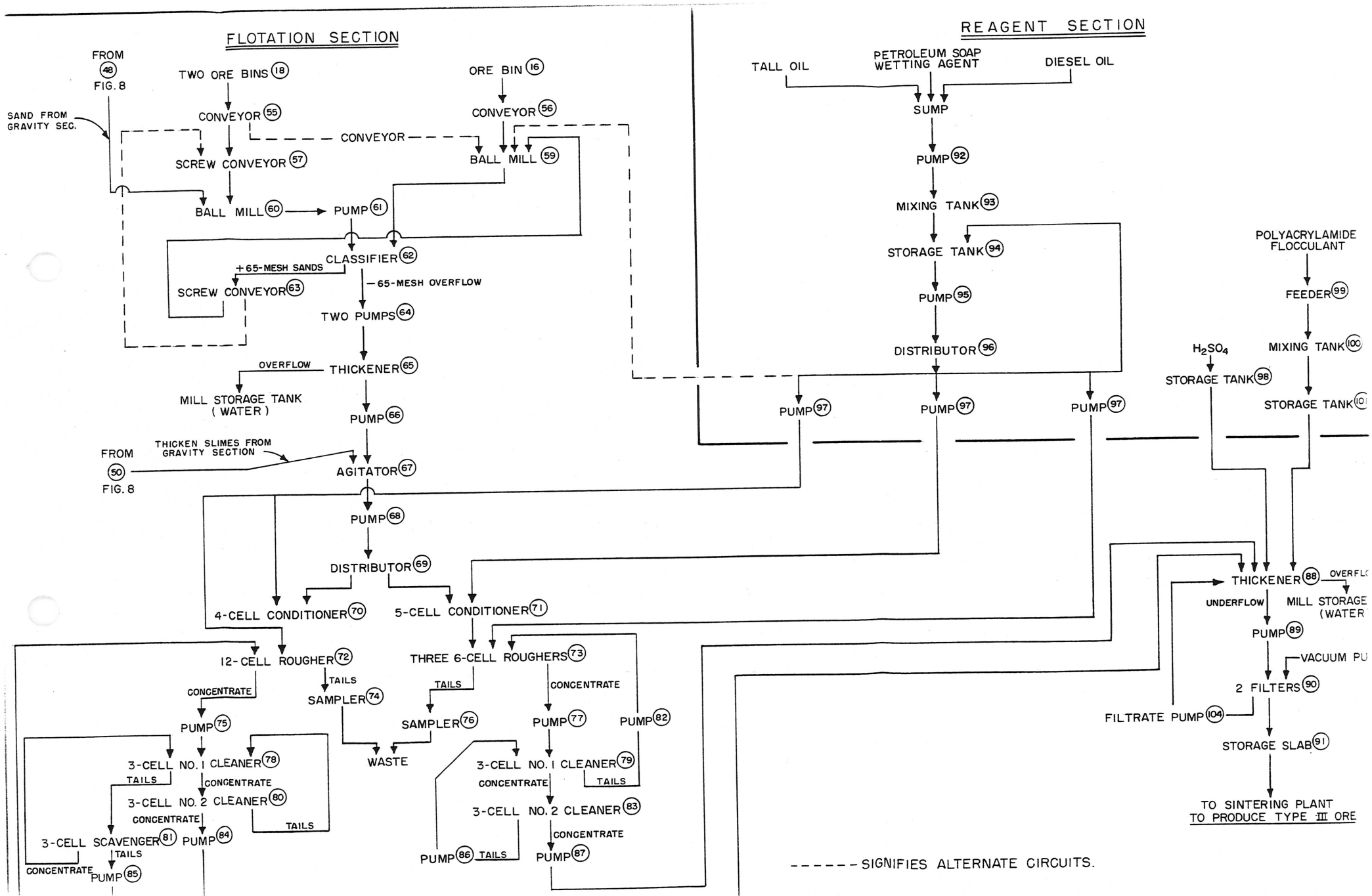
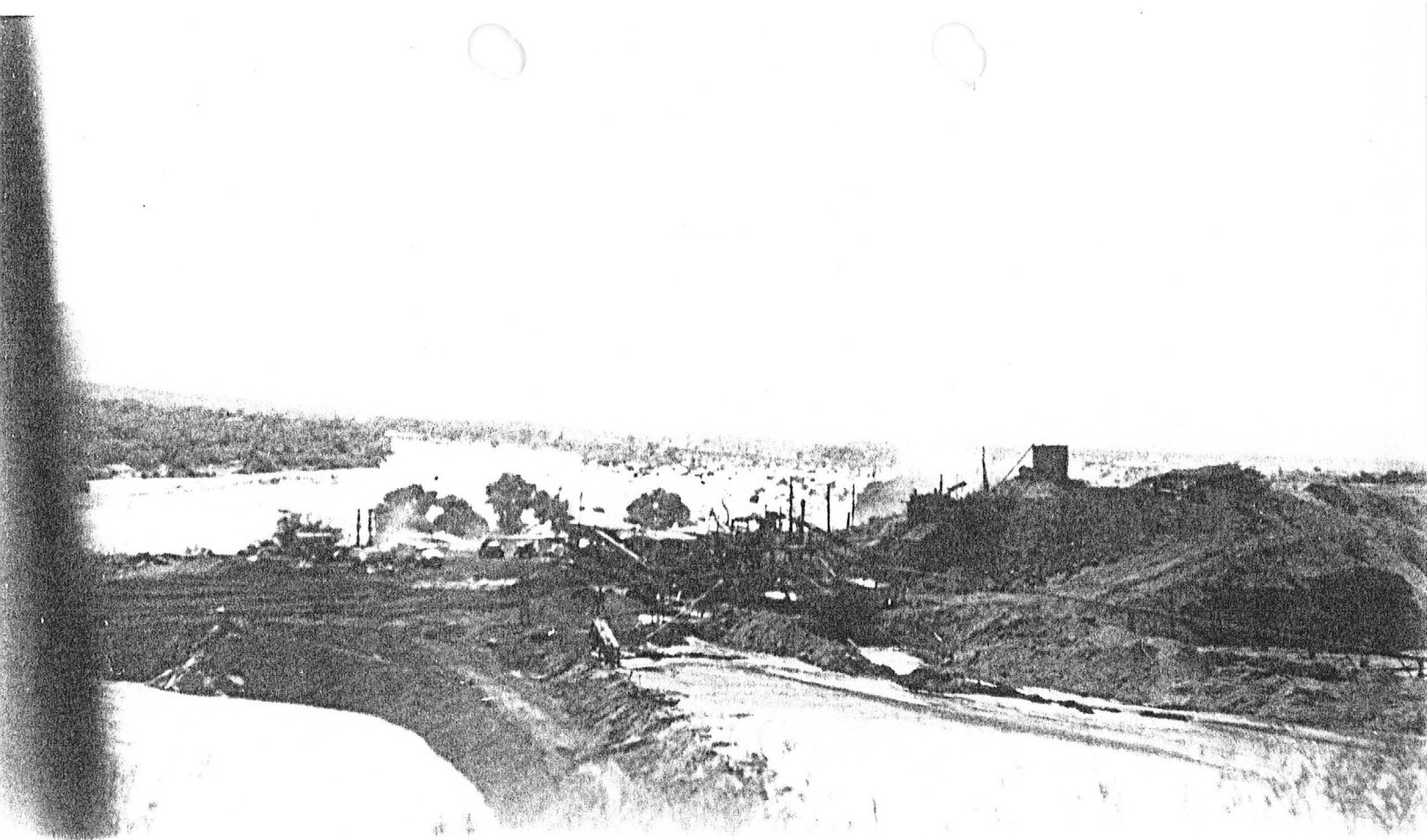


Figure II.- Flowsheet of Sintering Plant.

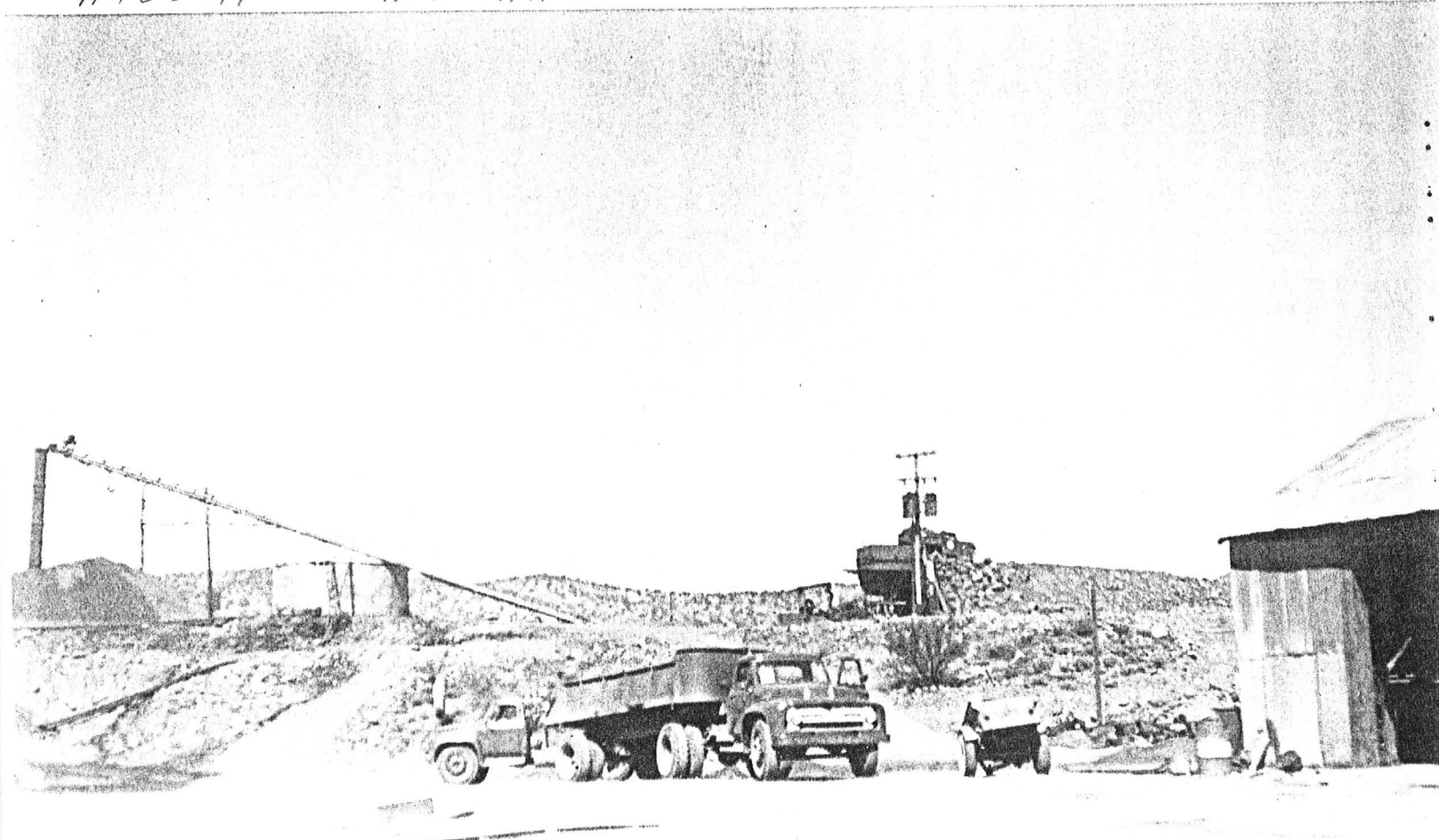




A-122-14

BOX CAN

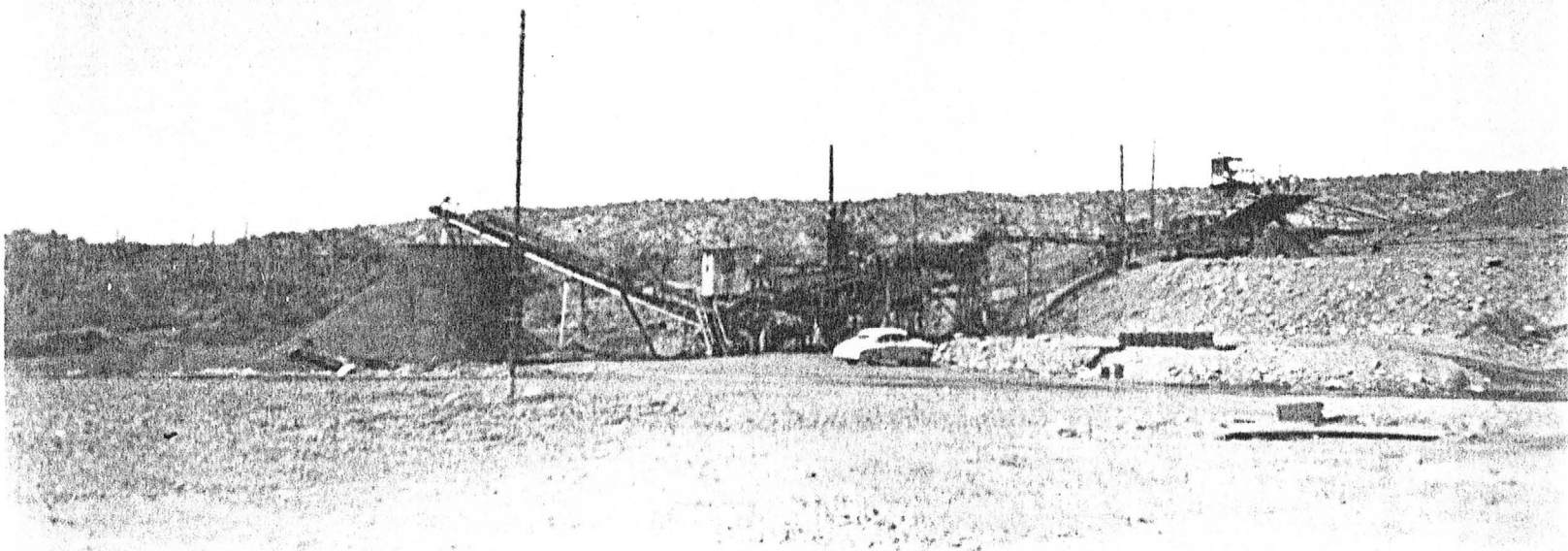
1955



A-122-15

BOX CAN

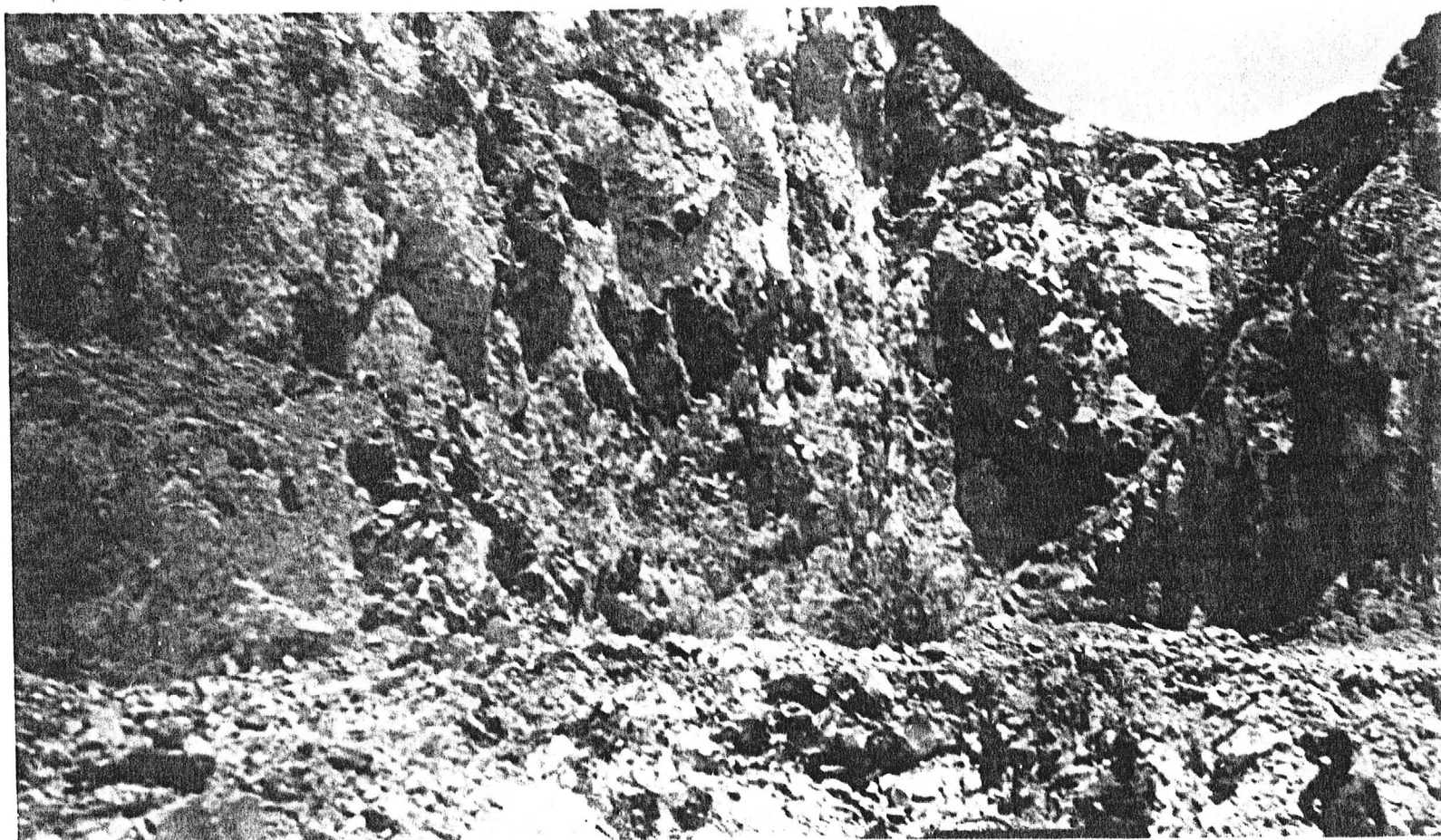
1955



A-122-12

ALMO CROSSING

1955



A-122-13

1955

KAP WR 2/15/85: A visit was made to the site of the old Mohave Mining and Milling Company (file) mill in Yavapai County. Little if anything of the old manganese mill remains except the tailings. The site is occupied by numerous motor homes, mobile homes, campers, shacks and junk equipment yards. Some of the significant individuals are Wayne Johnson, Fren Friestad and Karl Stansberry. There are reportedly both mill site and placer claims on the property and numerous arguments about who has what right to do what and where, while in the meantime, each does their own thing. Karl Stansberry, P O Box 1808, Wickenburg, Arizona 85358 has set up a gravity mill and large furnace. He has crushers, impact mill and a concentrating table. He then adds large amounts of silver to the furnace charge when treating the concentrates and reportedly knows he's recovering precious metals based on the weight gain of the crude bar obtained from the furnace pour. He has not yet refined one of his bars.

Went to the Johnson sinkfloat mill north of Wickenburg where there was no activity.
GW WR 6/13/75

Mr. Friestad, Rockford, Illinois, and Wickenburg was in to discuss his mine and mill. He said he had bought the William Johnson sink-float mill north of Wickenburg and also the Oro Grande Au mine. He has a lab operated by Wm. F. Flowers in Wickenburg. GW WR 3/22/76

(file)

Went to Wickenburg and accompanied Mr. Wm. Flowers to the Oro Grande mine about 4½ miles NE. Mr. Friestad, 1016 Lexington Way, Rockford, Illinois, heads an organization that purportedly has purchased the patented claims and will commence a mining operation; Mr. Flowers is his local representative. They have also taken over the sink-float mill on the site of the old manganese mill 3 miles up the Hassayampa River from Wickenburg where there is some controversy over the use of a well drilled several years ago in the river bottom. It was suggested that at least two lines of test holes be drilled in the hanging wall of the deposit to determine its extent and value. GW WR 3/25/76

Larry Johnson, son of William Johnson, Grants Pass, Oregon, and former owner of the sink-float mill north of Wickenburg, came in to discuss markets for tuff. He said he and a Mr. Reinhardt of Texas, had taken over the so-called kaolin deposit of Mr. Sardu, about 5 miles NE of Wickenburg. GW WR 4/28/76

Went to the Johnson mill about 3 miles up river from Wickenburg where 3 men from New Mexico were dismantling it with the object of setting it up on the Great Eagle fluorspar mine in western New Mexico. A young graduate of the New Mexico School of Mines by the name of Wakeman was in charge of the work. When asked from whom they had purchased the mill he said Freistad. He didn't connect Wm. Johnson's name to the sale of the mill. He was told Mr. Johnson had erected the mill before he passed away. Then went to the tuff deposit of Larry Johnson and Phil Rhinehardt 5 miles east of Wickenburg where they say they have more requests for cat litter than they can fill. However, they are starting to expand the open-cut both in depth and length. Larry Johnson was informed of the mill being moved and he said neither he nor his mother had been contacted in regard to a sale and that Freistad owed \$125,000 on it.
GW WR 8/6/76

Visited the old manganese mill site 3 miles north of Wickenburg where Mr. Freistadt, Rockford, Illinois, said he was going to build a 75 ton custom mill. GW WR 2/4/77

RRB WR 10/14/83: Wayne Johnson and wife, P.O. Box 898, Wickenburg, Az. 85358 (they live at Mohave Mining and Milling(F) site) report that they have claims in Sec. 3, 18N, R5W (Flores Quad) with federal minerals and state surface. They wanted to know who to see to get permission to build a road to their workings and to use a capped well nearby for a source of water. I referred them to the State Land Department and Department of Water Resources.

MOHAVE MINING & MILLING COMPANY

MARICOPA

Went to old mill site of Mohave Mining and Milling Company. Mr. Mel Jones was with me. Visited with Tom Skidmore, V.P. for Whitelock Corp., Clarence Strauss, master mechanic and a Ross Hefner of Wickenburg, all working for Whitelock Corp. The mill and heavy media plant are from the recently closed Fluorine Hills project near Pearce. The ball mills will be set up to grind anything and the output will go to either heavy media or float process. They hope to process only gold but will be a true custom mill and take almost anything. A screening plant is set up. They are sizing 200 tons of the old manganese tailings to be shipped to the State Highway Department in Phoenix for test use. They do intend to sell stock according to Mr. Hefner. Mr. Skidmore's phone number in Wickenburg is 7368. Mr. Hefner stays at the RollingHogan Trailer Park in Wickenburg. He submitted a piece of clay he wants evaluated. JHJ Field Trip 10/16/73

Went to old site of Mohave Mining and Milling. Five men were working on construction of screening and crusher plate of Whitelock mill. FTJ WR 1/10/74

Mel Jones accompanied me to the site where Whitelock Corporation was to erect their mill north of Wickenburg (R15W, T8N, Sec. 14). They had erected a crusher and sizer for reworking the dump of the Old Mohave Manganese Mining and Milling Co. The material was to be supplied to the Highway Dept. but they rejected it because they wanted four sizes of material and the equipment could only supply two sizes. Whitelock expects to have their ~~new~~ spar mill erected by Feb. according to Mr. Clarence Strauss. REL wr 12-16-73

Went to the new mill north of Wickenburg where some progress was noted since the last visit. Mr. Thornberg said they were trying to make a deal for fluorspar from the Snowball deposit. GW WR 2-27-74

Mel Jones, Wickenburg came in for a brief visit. He said work had stopped on the construction of the Thornburg mill. GW WR 5-24-74

The Whitelock custom mill construction at the Mohave Mining & Milling site was about 40% complete when construction was halted. Apparently they ran out of money. Future plans were not disclosed. FTJ AR 73-74

One of the workers at the Cat's Pause mine reported that his father, Bill Johnson, has owned the old manganese mill north of Wickenburg for a number of years. He has leased the mill to a variety of people and firms and has just sold it to a Fren Frestad Enterprises, 1016 Lexington Way, Rockford, Illinois, 61108, 815-399-7845. The mill has been referred to as the Wickenburg Milling Co. mill and the Mohave Mining and Milling Co. mill. KAP WR 1/8/76

MOHAVE MINING AND MILLING COMPANY:

The Mohave Mining and Milling Company of Wickenburg, Arizona has announced its decision to liquidate the company with December 1, 1960 as the date set for completion of the task. At present, Mohave is operating its sintering plant, north of Wickenburg, to fulfill contracts and purchase orders. The plant with four employees, is processing about 2,000 tons of manganese per month from inventory already on hand. The sintered product is shipped to KAISER STEEL COMPANY in Fontana, California. The sinter plant probably will run for another month or so and the entire operation will be cleaned up early in the spring. Mohave's manganese mill was closed down last August, but the assay office located at the site of the Box Canyon mill will remain open temporarily and be available for custom work. Liquidation details will be handled from the firm's offices on the California Highway west of Wickenburg. H. F. Lynn is president of the company and Rod Easley, executive vice president and general manager.

Taken from MINING WORLD-March, 1960 - Page 69

MOHAVE MINING AND MILLING COMPANY:

Mohave Mining and Milling Company has moved its office to the Wells Cargo Building, 264 Chestnut Street, Wickenburg, Arizona, from its previous location on the California Highway. The mining company, now in the process of liquidation, will use the Wells Cargo warehouse and yard for the storage of equipment to be sold.

Taken from MINING WORLD - April, 1960, p. 48

Visited M. L. Pate in the Mohave Mining & Milling Co. office in Wickenburg. Co. affairs are being finally closed, and the last of the equipment recently sold at auction is being shipped out.

TRAVIS P. LANE - Weekly Report - 1-14-61

MOHAVE MINING & MILLING CO.

MARICOPA COUNTY - WICKENBURG DIST.

Interviewed Rod Easley. Operations of company are continuing about the same as on the last visit. The G. S.A. figures for manganese delivery for May 15 had not yet come in -- April 15 figures indicated a probable program termination date of about Sept. 7.

5-25-59
TPL - WR

Visited the Mohave Mining and Milling Co. office in Wickenburg. Neither Lynn nor Easley was in the office. According to other personnel the sintering plant is still operating but on a small scale. All other company activity is at a standstill -- suspended indefinitely.

TPL - WR 10-19-59

Y Visited the Mohave Mining and Milling Co. office in Wickenburg and talked with Rod Easley. He confirmed a Wickenburg "Sun" article which stated the directors had decided to liquidate the company, setting Dec. 31, 1960 as the completion date of such liquidation. The sintering plant will continue to operate for another several months cleaning up inventory, and all activity will probably cease by the middle of 1960. Meanwhile the mill, sintering plant and other equipment has been listed for sale.

TRAVIS P. LANE - WR - 12-19-59

MOHAVE MINING & MILLING CO. .

See Article in MINING WORLD, Dec. 1958, p 58

Visited the office of the Mohave Mining and Milling Co. in Wickenburg. The Co. is shipping about 60% of its product to Kaiser Steel under a contract which specified a flat price for a concentrate of minimum grade of 25% Mn. Mohave finds it advantageous to grade down their normal concentrate by diluting with calcite which constituent is not considered undersirable at the Kaiser steel plants. As noted above the calcite is coming from Campbell's BIG SPAR property now under lease to Mohave. The Mohave people believe the GSA manganese program will terminate about Sept. 15, possibly a few days earlier.

5-11-59

T. P. LANE
WR

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



July 30, 1959

Mr. H. F. Lynn
Mohave Mining and Milling Co.
Box 1106
Wickenburg, Arizona

Dear Mr. Lynn:

For your information in case you haven't heard it, Leo A. Hoegh of G.S.A. on July 24th, after another check with shippers, advised Senator Murray that as of August 5th there probably will be a small over-run of the 28 million units.

Very truly yours,

FRANK P. KNIGHT
Director

FPK/H

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



July 29, 1959

Mr. H. F. Lynn, President
Mohave Mining & Milling Co.
P. O. Box 65
Wickenburg, Arizona

Dear Mr. Lynn:

I think the idea in your letter of July 27th of rating a San Francisco plan tax to the 1930 duty rate of 20¢ a unit might be considered out of line with previous recommendations and with previous support programs.

At the 1957 Western Governors Mining Advisory Council meeting, the No. 2 manganese recommendation was:

"(2) If the stipulation in paragraph 1 (7¢ per lb. tariff) is impossible, then a tariff or excise tax equivalent to one-half cent per pound of contained manganese be imposed, the proceeds being distributed to domestic producers on the basis of each domestic producer's unit production produced and sold."

Mr. Borden had much to do with these recommendations. The chairman and some others thought they were somewhat out of line. However, the Council accepted them, and the Governors accepted the Council's report -- then took no action in regard to the recommendations.

One-half cent per pound is only half of the 20 cents per unit you mention. Furthermore, the 20 cents would yield more than the gross value of carlot production at the current rate and support price, and over twice the excess of the \$2.30 support price over the present market with 1958 rates of production and imports.

I point out the above, because the matters could come up to plague one making the request, and not because 1¢ per pound of manganese or 14¢ per ton of steel is exorbitant.

Some parties close to Washington think that the San Francisco plan would disturb the State Department less than any other. I have talked with no one having first hand information as to the steel companies' reaction, but no doubt it would be actively adverse.

Mr. H. F. Lynn
Mohave Mining & Milling Co.

Page 2

Prospects look poor for any help from this session of Congress. In political 1960, mining and manganese may get somewhere. Here's hoping.

Sincerely,

FRANK P. KNIGHT
Director

FPK/H

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



July 27, 1959

Mr. H. F. Lynn, President
Mohave Mining and Milling Co.
Box 1106
Wickenburg, Arizona

Dear Mr. Lynn:

Herewith are copies of a telegram from Mr. DeZan, my telegram to
Senators Hayden and Goldwater, and my letter to Mr. DeZan.

I would appreciate your thoughts as to what, if anything, I should
write to the Arizona producers.

Sincerely yours,

FRANK P. KNIGHT
Director

FPK/H
Encls.

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



October 16, 1959

H. F. Lynn, President,
Mohave Mining & Milling Co
P. O. Box 65
Wickenburg, Arizona

Dear Mr. Lynn:

It was a pleasure to get your letter of October 12th and its evidence of your improved health.

Bill Broadgate was here yesterday, I showed him some figures based upon a 20¢ per s.t.u. tariff, "San Francisco" plan, and 1957 imports and production. Bill thought it unrealistic to expect tariff receipts to be applied to more than the carlot tonnage. That tonnage and the other factors mentioned give the following impractical result:

Total imports 1957 Mn content 116,711,200 s.t.u.

Total imports 1957 @ 20¢/s.t.u. \$ 23,342,240.

U.S. Carlot purchases, 12 mos ending
3/31/58, Mn content 5,325,200 s.t.u.

$\$23,342,240 \div 5,325,200 \text{ s.t.u.} =$	\$4.38/ s.t.u.
Add mkt.	.90 s.t.u.
	<u>\$5.28/ s.t.u.</u>

It seems pretty well established that this Congress, especially House Ways and Means, won't stand for anything it thinks might result in a windfall to anyone. Three Kids in the picture might make chances of action even less than they are now.

Steel probably can't be talked into going for any increase in manganese tariff and whatever they decided to fight would be hard for manganese to put through.

I thoroughly agree that pressure for tariffs will increase and mining will have allies. I also agree that arguments and data should be assembled under the direction of an active committee, and we will help in any way we can along this or any other line in seeking manganese support.

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page - 2 -
Mr. H. F. Lynn

I will pass along your suggestion to write Senator Goldwater about the lack of mention of mining in the Republican platform, and Arizona's interest therein.

Sincerely yours,

FRANK P. KNIGHT,
Director.

FK:lp

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June 16, 1959

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Mr. H. F. Lynn, President
Mohave Mining & Milling Co
Box 1106
Wickenburg, Arizona

Dear Mr. Lynn:

Following a discussion last week with you and Rod Easley regarding the current manganese situation we talked of other matters including severance taxes. I am enclosing some information put out by this office re the latter.

Also, for whatever interest it might hold for you, I am enclosing our recent review entitled "Depletion".

Yours very truly,

TRAVIS P. LANE,
Field Engineer.

Enc

TPL:lp

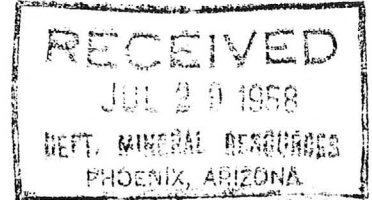
MOHAVE MINING & MILLING CO.

P. O. BOX 65, WICKENBURG, ARIZONA

PHONE MUTUAL 4-5458

July 28, 1958

Mr. Frank P. Knight, Director
Department of Mineral Resources
Mineral Bldg., Fairgrounds
Phoenix, Arizona



Dear Mr. Knight:

Thank you for your good letter of July 21st. I was in Washington recently on hearings on S-4036. I agree with you that it was best not to include manganese at the present time in order to avoid any additional debate on the bill, inasmuch as Seaton and Royce Hardy have stated that they have no plans, nor any support for the manganese program at this time. It was thought best not to obscure the issues and to help lead, copper zinc, etc., obtain their legitimate objectives without introducing controversial issues on S-4036.

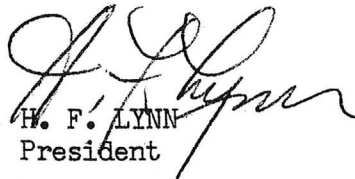
However, the bill S. 4146 allowing a \$1.00 per long dry ton unit incentive payment for manganese has been reported out of the Senate Committee. Whether the House will be allowed to consider this bill or not previous to the closing of Congress is unknown to me.

The manganese industry in Arizona is growing monthly. Altogether we have had 120 clients for our custom milling operations, and expect if we have a reasonable program for the future that we will have several custom plants throughout the country, and that we can at least duplicate the amount we are now handling.

Thank you for your efforts in behalf of mining in general, and manganese in particular.

Very truly yours,

MOHAVE MINING & MILLING CO.


H. F. LYNN
President

HFL:ch

MOHAVE MINING & MILLING CO.

P. O. BOX 65, WICKENBURG, ARIZONA

PHONE MUTUAL 4-5458

July 9, 1958

Mr. Frank P. Knight, Director
Department of Mineral Resources
Mineral Building, Fairgrounds
Phoenix, Arizona

Dear Mr. Knight:

Thank you for your good letter of June 27th. I shall very much appreciate your keeping me informed of the proposed amendment regarding metallurgical grade manganese.

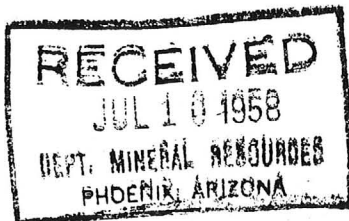
Please accept my sincere appreciation for the work you are doing and have done in support of the mineral program.

Very truly yours,

MOHAVE MINING & MILLING CO.

H. F. LYNN

HFL:ch



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



July 30, 1958

Mr. H. F. Lynn, Pres.
Mohave Mining & Milling Co.
P.O. Box 65
Wickenburg, Arizona

Dear Mr. Lynn:

Your letter of the 28th indicates that you probably are aware that although S 4146 went through the Senate Interior Committee easily, it was stipulated that the report not be filed until Department reports are received to be incorporated in the printed Committee report.

We hear that the Interior Department likes no part of S 4146 and will furnish Senators with much ammunition to try to kill the bill. If this is so, and if Congress' adjournment is imminent, there seems slim chance that S 4146 will get through in this session.

In any event, we need ammunition for pursuit of manganese legislation. I appreciate anyone's reluctance to pass out information on costs, but it sure helps to have some when Congressmen start asking questions at hearings. A notable case is Clyde Flynn's success in arguing fluorspar's case. He gave clear and convincing testimony on cost and other questions and he has acid grade fluorspar now in P.L. 733 and S 4036, and metallurgical grade in S 4146. It helped the lead-zinc case greatly when Charlie Schwab gave cost data under oath before the Tariff Commission.

We do not wish to pry nor do we seek detailed cost breakdowns, but we do need some knowledge of what is needed and reasonable. S 4146 proposes a yearly maximum tonnage about four times higher than that asked in S 3537. Why? It replaces the yearly 10,000 ton limit with 1,400,000 l.d.t.u. or about 3 times as much ore. Why? It sets a flat \$1.00 per l.d.t.u. when that figure plus the present market does not equal the present support price. Why? S 3537 eliminates the 10,000 ton limit but excludes mines producing over 10,000 tons of 40% or over in grade in any year from 1952 to 1956. Why?

In September, after vacation time and before the American Mining Congress meeting at San Francisco, I hope to get to talk with you about manganese. At San Francisco there also will be a meeting of the Western Governor's Mining Advisory Council, to which I am a delegate. I also am on the A.M.C. Strategic Mineral Committee. If nothing transpires before Congress adjourns, mining will be left in bad condition and such meetings will be important predecessors to further drives for relief when it reconvenes after January first.

C
O
P
Y

Mr. H.F. Lym, Pres.
Mohave Mining & Milling Co.

Page 2
July 30, 1958

Meanwhile, we will continue efforts to accomplish something before the expected August adjournment.

Sincerely yours,

FRANK P. KNIGHT
Director

FPK/H

MOHAVE MINING & MILLING CO.

P. O. BOX 65, WICKENBURG, ARIZONA

PHONE MUTUAL 4-5458

June 17, 1959

Mr. Travis P. Lane, Field Engineer
Department of Mineral Resources
Mineral Bldg., Fairgrounds,
Phoenix, Arizona

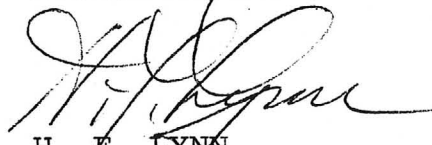
Dear Mr. Lane:

Thank you for your letter of June 16th with the enclosure on "depletion", and severance tax.

Our most important severance tax is the tax of the mine reserves. It was only after these personal property taxes were removed in Minnesota that it was found profitable to reveal and exploit the potentialities of beneficiation of the taconite iron ores.

Very truly yours,

MOHAVE MINING & MILLING CO.



H. F. LYNN
President

HFL:ch

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



May 28, 1958

Mr. E. A. Peterson
Mohave Mining and Milling Company
Globe, Arizona

Dear Mr. Peterson:

I enjoyed my visit to the Magnet claim, and finally made every other mine but the Doughboy.

You requested data on asbestos in the Globe area. I would advise you to confer with Jack Neal of Metate Asbestos, Globe, who could brief you on available leasable or purchasable asbestos properties, markets, milling prospects and so on. Mr. Neal is now building a new mill (on the Canadian Plan) which will handle some custom ore. I would also suggest a conference with Jake Jaquays, who owns the Regal Mine and the present Globe Mill. He, likewise, will handle or buy custom ore. These men know as much about the asbestos industry in the area as anyone. If you can visit our department we will be able to show you general reports on the Globe asbestos area.

With kindest personal regards, I remain

Sincerely,

LEWIS A. SMITH
Field Engineer

LAS/H

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Mohave Mining & Milling Plant

Date Sept. 16, 1958

District Wickenburg, Yavapai Co.

Engineer Travis P. Lane

Subject: Status of operation

The writer visited the Wickenburg office of Mohave Mining and Milling Company on Sept. 8 and discussed the status of company operations with Mr. Easley, the resident manager.

Operations are continuing at a normal rate, i.e. around 200 TPD. Company owned production is coming from the Magnet property in the Globe district and from a contractor-operated operation in the Tombstone area. Somewhat over 50% of current production is being purchased. All of the Brown and Robinette mill products (Artillery Mtn. district) are purchased, and these amount to from 60 to 80 TPD with 26 to 27% average Mn content.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Mohave Mining & Milling Co.

Date July 3, 1956

District P. O. Box 1106, Wickenburg, Ariz.

Engineer

Subject: Copy of a letter to a Manganese producer.

Dear Mrs. R:

This replies to your inquiry of June 20th with regard to milling of manganese ore.

Under the present government regulation, Mohave Mining & Milling Co. cannot purchase ores directly from the producer. We can, however, handle certain ores on a custom basis. At the present time, our milling facilities are limited and very little ores under 37 % grade can be received. We are now in the process of installing additional equipment and within a short time will be able to take ores which are amenable to heavy media, table or flotation processing. The return to the producer for such ores would be dependent upon recovery by our present methods, which, of course, can be determined only by laboratory tests.

We can, at the present time, handle manganese ores having a grade of 37 % or higher. The quantity of such ores which we could use would be dependent upon their chemical analysis. With ores which are not excessively high in silica, copper, lead and zinc, quantities of up to 40 tons per day could be handled. Title to these ores would remain with you from time of production to settlement by General Services Administration, with Mohave Mining & Milling Co. acting as custom miller. Returns guaranteed to you for ores of 37 % manganese content or better would be as follows:

37 %	-	\$ 1.36	per l.d.t.u.
38 %	-	\$ 1.42	"
39 %	-	\$ 1.48	"

Above 39 % a 4 ¢ increase for each additional percent of manganese content. The above settlement rates are based on minus 1/8" ore delivered to our sintering plant near Wickenburg. For coarse ore, the above unit prices will be reduced 10¢ per l.d.t.u. to cover costs of handling and crushing.

Slight penalties will be made for excessive amounts of SiO_2 , Al_2O_3 , Fe, Cu, Pb, Zn, P. We will be pleased to receive a sample of your ore for laboratory analysis and from those results can give you definite settlement rates.

Yours very truly,

✓ MOHAVE MINING & MILLING CO.

(signature)

✓ W. R. Easley, Manager.

As of May 13 w/co
as note 1. 1960

MINING & PROCESSING EQUIPMENT AND SUPPLIES

FOR SALE

by

MOHAVE MINING & MILLING COMPANY

P. O. Box 65

Wickenburg, Arizona

Phone: MUTual 4-5458

After 5:00 P. M.,
Saturday and
Sunday, MUTual 4-5595

MOHAVE MINING & MILLING COMPANY

MINING and MILLING EQUIPMENT

ITEM NO.	ITEM	MAKE	SIZE	DRIVE	MOTOR H.P.
77	Agitator, air lift, w/tank	Wemco	15'x10'	V-Belt	3
206	" " "	"	18'x20'	"	None
68	Ball Mill	Allis-	5'x10'	Chain	100
114	" " (Straub)	Chalmers	6'x5'	V-Belt	100
191	" "	"	5'x5'	"	60
M-84	Buckets, sinking		26"x36"		
M-85	" "		26"x36"		
M-86	" "		24"x30"		
M-87	" "		26"x30"		
M-67	" Slusher	Jaquay	36"		
M-68	" "	"	24"		
M-69	" "	"	30"		
M-72	" "	"	42"		
M-74	" "	"	42"		
M-75	" "	"	30"		
M-70	" "	Alloy Steel	24"		
M-83	" "	"	42"		
M-73	" "	Sullivan	30"		
M-66	Cage, Mine		36"x46"		
M-78	Cars, Mine 18" ga.	Cord	26"x40"x24"		
M-79	" " 18" ga.	"	26"x40"x24"		
M-80	" " 18" ga.	"	26"x40"x24"		
M-82	" " 18" ga.	"	26"x40"x24"		
M-88	" " 18" ga.	"	26"x40"x24"		
M-89	" " 18" ga.	"	26"x40"x24"		
M-77	" " 18" ga.	"	26"x40"x24"		
M-81	" " 18" ga.	"	26"x40"x24"		
SP26	Car Unloader	Barber-Green	24"x19'		5
27	Classifier, rake, duplex	Wemco	4'x20'	V Belt	3
122	" " "	"	4'x20'	V Belt	5
109	" " "	Dorr	8'x24'	V Belt	5
168	" " "	"	4'x20'	V Belt	5
173	" " "	"	4'x16'	V Belt	5
621	Compressor, Portable	Davey	105 cfm	Gasoline	
M-25	" , Gyro-flo portable	I-R	125 "	"	
M-25	" " " "	I-R	315 "	Diesel	
M-26	" " " "	I-R	600 "	"	
242	" , Shop	Champion		V-Belt	1-1/2
7	" , Stationary	G-D	6HP4-3/4	Direct	50
105	Conditioner, 3 cell	Wemco	5'x15'x4'	V-Belt	3-30
79	" "	"	5'x15'x4'	"	3-30
80	" 2 cell	"	5'x10'x4'	"	2-30
100	" 1 cell	Deco	4'x6'	"	1-30
1	Conveyor, belt, troughing		30"x28'	Gearhead	3
153	" " "		24"x38'	Gearbox	5
162	" " "		18"x25'	American	2
60	" " "		18"x40'	"	1-1/2
157	" " "		18"x40'	"	3
9	" " "		18"x50'	Gearhead	2
SP28	" " "		18"x61'	"	3
152	" " "		18"x69'	American	2
185	" " "		16"x15'	"	1
SP-2	" " flat		14"x12'	Gear Red.	1/2
SP 8	" " "		14"x12'	" "	1/2
SP-10	" " troughing		14"x26'	American	1
SP-10	" " flat		12"x30'	Gearhead	1/2
SP15	" " troughing portable	Barber-Green	24"x45'	Belt	10

MINING & MILLING EQUIPMENT

Page -2-

ITEM NO.	ITEM	MAKE	SIZE	DRIVE	MOTOR H.P.
28	Conveyor, screw, Cuplex		9"x14'	Gearhead	1-1/2
110	" "		9"x12'	"	1
111	" "		9"x16'	"	2
112	" "		9"x13'	"	1-1/2
120	" "		9"x10'	"	1-1/2
121	" "		9"x15'	"	3/4
S-14	Conveyor, Nat'l frequency	S-A	21"x24"	Belt	2
36	Crane, truck	Michigan	5 ton		
SP47	Crusher, cone	KueKen	18"	V-belt	30
187	" Jaw	Pacific	10"x20"	"	25
SP48	" roll	Davis	36"x16"	"	15&25
116	Cyclone	Equip.Eng.	D-6-B		
117	" 2-stage	" "	EE-10B-4B		
118	" "	" "	EE-10B-4B		
41	Distributor, pulp		8 comp.		1/3
181	" "		4 "		1/3
M-38	Drill, rock, rotary, Expl. Mighty midget			Gasoline	
M-37	" " stoper	Thor	Mod.200		
M-14	" " mounted on HD-5	I-R	4"		
M-40	" " wagon	I-R	4"		
M-42	" " "	I-R	4"		
M-43	" " "	I-R	3-1/2"		
M-44	" " "	I-R	3"		
M-15	" " jackhammer	G-D	55 lb.		
M-10	" " "	G-D	55 lb.		
M- 9	" " "	G-D	55 lb.		
M- 8	" " "	A-C-P	46 lb.		
M- 7	" " "	A-C-P	46 lb.		
M- 6	" " "	A-C-P	46 lb.		
M- 5	" " "	A-C-P	46 lb.		
M- 4	" " "	A-C-P	46 lb.		
M- 3	" " "	A-C-P	46 lb.		
M- 2	" " "	A-C-P	46 lb.		
M- 1	" " "	A-C-P	46 lb.		
M-17	Drill, jack leg	A-C-P	1-7/8"		
M-18	" " "	A-C-P	1-7/8"		
M-19	" " "	A-C-P	2-3/32"		
M-20	" " "	A-C-P	2-3/32"		
M-34	" " "	A-C-P	2-3/32"		
M-21	" " "	A-C-P	2-1/4"		
M-35	" stoper leg	A-C-P	2-1/4"		
M-36	" " "	A-C-P	2-1/4"		
SP-11	Dust collector	Schneible	15000		
SP- 3	Elevator, 6" bucket		45'	Gearhead	7-1/2
SP-16	" 6" "		40'	American	2
SP-17	" 6" "		28'	"	2
23	Engine	Wisconsin	3-1/2x4	Gasoline	
M-62	"	Briggs		"	
M-61	Blower	Buffalo	#6	V-belt	None
228	"	Roots-Conn	8x12	"	10
M-31	" Mine	Coppus	175	Pneumatic	
M-33	" "	"	T-5	"	
M-58	" "	"	5	Direct	2
M-59	" "	"	9	"	25
SP-12	Fan	N.Y.Blower	46	V-belt	60

ITEM No.	ITEM	MAKE	SIZE	DRIVE	MOTOR H.P.
184	Feeder, apron	Allis Chalmers	24"x5'	Varidrive	2
18	" vibrating	Syntro	18"x42"		
253	" "	"	3"x18"		
SP-7	" "	"	3"x18"		
134	Filter, disc. w/ vac.equip.	Dorr-Oliver	6'x4 disc.		
136	" " " " " "	" " " "	6'x4 disc.		
85	Flotation machine-6 cell	Morse	48"x48"	Gearhead	6-5
86	" " " "	"	48"x48"	"	6-5
101	" " " "	"	48"x48"	"	6-5
102	" " " "	"	48"x48"	"	6-5
98	" " 3 cell	"	48"x48"	"	3-5
99	" " " "	"	48"x48"	"	3-5
100	" " " "	"	48"x48"	"	3-5
89	" " 6 cell	Denver	#21	V-belt	3-7 1/2
90	" " " "	"	#21	"	2-10
217	Generator, elect.440/220/110	Caterpillar	75 kw	Diesel	
218	" " " "	"	50 kw	"	
M-54	" " 115 volt	Onan	25 kw	Gasoline	
M-29	" " " "	G.E.	3.0 kw	"	
M-30	" " " "	Hobart	3.0 kw	"	
170	Generator, steam	Malsbary	Mod.110	Butane	
SP30	Grader	Caterpillar	12		
234	Grinder, bit	Blount		Direct	3
M-91	HOIST, Mine, S.D.	Novo	8"x14"		None
M-51	" " S.D.	Hendie	30"x16"	Gasoline	
M-52	" " S.D.	"	30"x16"	"	
M-28	" Slusher, D.D.	Essick	MD2004	"	
M-47	" " D.D.	Sullivan	1000 lb.	Turbinair	
M-56	" " D.D.	G-D	2000 "	Pneumatic	
M-57	" " D.D.	I-R	2000 "	"	
M-49	" Air tugger	I-R	1250 "	"	
M-50	" " " "	I-R	1250 "	"	
3	HMS Plant complete, cone	Wemco	7' cone		
192	" " " screw		24" screw		
190	Jig, Mineral, duplex	Denver	24"x36"	V-belt	2
-	" " remer	Wemco	5'x11'	"	2/5
239	Loader, front end, track	Caterpillar	D-6	Diesel	
M-12	" " " "	"	D-6	"	
SO33	" " " wheel	Hough	HM	Gasoline	
SP32	" " " "	"	HH	"	
179	Logwasher	Eagle	24"x15'	Gearhead	10
156	Magnet, permanent		14"		
M-32	Mucking machine	Eimco	12B		
125	Pump, diaphragm, duplex	Wemco	3"	Gearhead	2
165	" " " "	Dorr	2"	"	None
128	" " simplex	Wemco	4"	Gearhead	1-1/2
129	" " " "	"	4"	"	1-1/2
132	" " " "	"	4"	"	1-1/2
133	" " " "	"	4"	"	1-1/2
62	Pump, rotary gear		1"	Direct	3/4
SO45	Pump, sand, horitontal	Wilfley	1"	V-belt	3
SP57	" " " "	Wemco	1-1/2"	"	5

ITEM NO.	ITEM	MAKE	SIZE	DRIVE	MOTOR H.P.
93	Pump, sand, horizontal	Wemco	1-1/2"	V-belt	3
75	" " "	Wilfley	2"	"	7-1/2
138	" " "	"	2"	"	10
30	" " "	"	2"	"	7-1/2
94	" " "	"	2"	"	5
96	" " "	"	2"	"	5
107	" " "	"	2"	"	7-1/2
92	" " "	Wemco	2"	"	10
229	" " "	"	2"	"	None
219	" " "	Hydroseal	2"	"	5
220	" " "	"	2"	"	7-1/2
221	" " "	"	2"	"	5
78	" " "	Wilfley	3"	"	20
115	" " "	Hydroseal	3"	"	5
223	" " "	DECO	3x3	"	5
26	" " "	"	5x4	"	25
31	" " "	"	5x5	"	25
69	" " vertical	"	1-1/2"	"	3
169	" " "	"	1-1/2"	"	7-1/2
182	" " "	"	2"	"	5
91	" " "	Galigher	2-1/2"	"	7-1/2
M-27	" bulldozer	Meyers	Mod.V932	Gasoline	
M-55	" sponge	I-R	35	Air	
255	" water, centr.	Meyers	1/2"	Direct	1/3
257	" " "	"	3/4"	"	1/2
SP35	" " "	"	3/4"	"	1/3
256	" " "	F-M	3/4"	"	3/4
M-53	" " "	"	1"		
231	" " "	-	1"	Direct	1-1/2
32	" " "	B-J	1-1/4"	"	3
232	" " "	Buffalo	1-1/2"		None
51	" " "	F-M	1-1/2"	Direct	2
44	" " "	"	2"	"	10
46	" " "	"	2"	"	7-1/2
226	" " "	"	2"	"	20
227	" " "	"	2"	"	10
230	" " "	K-K	2"	"	5
SP38	" " "	Goulas	2"	"	3
45	" " "	G-D	3"	"	15
45	" " "	-	3"	"	15
141	" " "	K-K	3"	V-belt	2
6	" " sump	F-M	1"		1/3
SP46	" " "	"	1"		1/3
258	" " "	"	1"		1/3
251	" " "	"	1"		1/3
250	" " "	"	1"		1/3
249	" " "	"	1"		1/3
248	" " "	"	1"		1/3
267	" " well, 100'	B-J	5"	Direct	40
M-92	Receiver, air		42"x144"		
M-93	" "		36"x84"		
M-96	" "		36"x84"		
M-98	" "		36"x72"		
M-65	" water pressure		10 gal.		
M-95	" " "		48"x48"		
M-97	" " "		24"x48"		
95	Sampler, auto.	Geary Jennings	12"		1/2
97	" " "	Deco	16"		1/4
160	" " "	"	16"		1/4
19	Scales, platform	Howe	1000 lb.		
67	" " "	F-M	250 lb.		
21	" conveyor	Conveyco	2000 lb.		
29	Screen, S.D.	Leahy	4'x7'	V-belt	1
154	" D.D.	Overstrom	4'x8'	"	5
172	" D.D.		4'x8'		None
183	" S.D.	Allis-Chalmers	4'x8'	V-belt	5
SP51	" S.D.		4'x8'	"	3

ITEM NO.	ITEM	MAKE	SIZE	DRIVE+	MOTOR H.P.
SP 1	Sintering machine, complete	Dwight Lloyd	42"x264"		
33	Table, concentrating	Butchart	15'x6'-6"	V-belt	2
34	" "	"	15'x6'-6"	"	2
35	" "	"	15'x6'-6"	"	2
36	" "	"	15'x6'-6"	"	2
37	" "	"	15'x6'-6"	"	2
38	" "	"	15'x6'-6"	"	2
39	" "	"	15'x6'-6"	"	2
40	" "	"	15'x6'-6"	"	2
175	" "	"	15'x6'-6"	"	2
176	" "	"	15'x6'-6"	"	2
177	" "	"	15'x6'-6"	"	2
178	" "	"	15'x6'-6"	"	2
49	Tank, steel, open top		4'x6'		
82	" " " "		4'x6'		
83	" " " "		6'x4'		
140	" " " "		6'x4'		
50	" " " "		6'x6'		
73	" " " "		8'x6'		
72	" " " "		8'x6'		
144	" " closed "		8'x8'		
SP37	" " open "		9'x9'		
71	" " " "		12'x8'		
76	" " " "		15'x10'		
SP39	" " " "		21'x9'		
56	Tank, steel, fuel		10,000 gal.		
123	Thickener, rake, w/tank	Wemco	28'x10'	Gearhead	1-1/2
126	" " " "	"	28'x10'	"	1-1/2
130	" " " "	"	28'x10'	"	1-1/2
207	" " " "	"	28'x10'	"	1-1/2
208	" " " "	"	28'x10'	"	1-1/2
209	" " " "	Dorr	26'x8'		None
52	Transformer, 440/110/220	A.C.	5 kva		
252	" " " "	"	5 kva		
265	" " " "	Westinghouse	10 kva		
163	" " " "	A.C.	10 kva		
225	" " " "	Westinghouse	10 kva		
224	" " " "	A.C.	15 kva		
51	Truck, pickup, 1955	Chev.	1/2 ton		
53	" " " "	"	1/2 "		
57	" " " "	GMC	1/2 "		
60	" " 1954	Ford	1/2 "		
52	" " 1953	Chev.	1/2 "		
55	" " 1952	GMC	1/2 "		
49	" dump 1957	Ford	7 yard		
61	" " 1952	"	5 "		
48	" " 1956	Kenworth	14 "		
47	" semi 1954	Ford	Flat-bed		
44	" flat-bed 1945	Chev.	1-1/2 ton		
42	" panel 1945	Dodge			
56	Stationwagon 1955	Pontiac			
58	Sedan 1950	Buick			
61	Vibrator, 440 volt	Syntron	Type V-200		
SP22	Bin, steel, ore		8'x8'		
SP56	" " " "		8'x8'x8'		
SP21	" " " "		6'x8'x8'		
121	" " " "		10'x6'x6'		
58	" " " "		10'x25'		
59	" " " "		10'x25'		
57	" " " "		18'x21'		
55	" " " "		18'x21'		
54	" " " "		18'x21'		

MINING & MILLING EQUIPMENT

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<u>ITEM NO.</u>	<u>ITEM</u>	<u>MAKE</u>	<u>SIZE</u>	<u>DRIVE</u>	<u>MOTOR H.P.</u>
53	Bin, steel, ore		18'x21'		
2	" " "		21'x21'		
233	Welding machine	Westinghouse	200 A.		
SP59	" "	"	"		
235	" "	"	300 A.	Gasoline	
236	" "	Lincoln	200 A.	"	
J- 6	Compressor, portable	Worthington	210 cfm	Gasoline	
J- 7	" "	Schramm	210 cfm	"	
J- 3	Drill, rock, jackhammer-	A.C.P.	46 lb.		
J- 9	" " stoper	I-R	R-58		
J- 8	" " jack leg	A.C.P.	2-3/32"		
J-11	Engine	Bradley	5 h.p.	Gasoline	
J-15	"	I-H	4 cyl.	"	
J-13	Hoist, mine, S.D.	Const.Machy.	Mod.301	"	
J-14	" " "	Hirsch		"	
J-12	" slusher, D.D.	G-D	1100 lb.	Air	
J- 4	Loader, front end, track	I-H	TD-9	Diesel	
J-10	Mucking machine	Eimco=	12-B	Air	
J-17	Receiver, air		30"x84"		
J-18	Tank, water		42"x94"		
J- 5	Tractor, w/dozer	I-H	TD-18-A		
J- 1	Truck, dump 1947	Chev.	4 yd.		
J- 2	" "	White	4 "		

MISCELLANEOUS SUPPLIES

(NEW and USED)

BELTING: V-belts: A-60 to A-90, B-38 to B-240, C-68 to C-195,
D-180 to D-240; conveyor; transmission.

BOLTS: Carriage, elevator, machine, cap screws.

CABLE: Steel - 1/4" to 1/2".

CAMP
EQUIPMENT: Refrigerators, freezers, ranges, water heaters, etc.

ENGINEERING
AND
DRAFTING
EQUIPMENT: Transits, rods, soil sampler, scintillator, drafting tables.
drafting supplies, etc.

ELECTRICAL
SUPPLIES: Wire - #16 to 4/0, outlet boxes and fittings, connectors,
fuses, disconnect switches, motor starters, etc.

MINING
SUPPLIES: Drill steel, mine rail, sheaves and blocks, picks,
shovels, signal bells, stretchers, ventubes, blasting
machines, etc.

MOTORS: Electric - 1/4 h.p. to 25 h.p.

OFFICE
EQUIPMENT: Desks, chairs, filing cabinets, adding machines, calculators,
typewriters, Thermofax copy machine, etc.

PIPE: Steel - 1/2" to 6", plastic - 1" to 4", pipe fittings,
valves, etc.

SHOP
TOOLS: Pipe and bolt dies and cutters, electric drills,
bench grinders, anvils, jacks, gear pullers, gas welding
outfits, hammers, etc.