Refer to	Noted	Date
	HEW	2/21
Answered		

400

FEB 18 1952

Mr. C. A. Spor
Spor Bros. Motor Company
P. O. Box 276
Delta, Utah

Re: Docket No. DNA 197-X - Tungsten
Snake Creek Canyon
White Pine County, Nevada

Dear Mr. Spor:

In accordance with the advice contained in your letter of February 6, 1952, we are removing the above-referenced application from our active files and thereby will consider the docket closed.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

GGGentry:GCSelfridge:ls
2/14/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team, Region III
G. C. Selfridge
G. G. Gentry

Copy to Harley Spor

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

FEB 21 PM 2:12

SAN FRANCISCO, CALIFORNIA

JAN 28 1952

Mr. G. A. Spur
Mr. G. A. Spur
Delta, Utah

Re: Docket No. DMA 19[illegible] - Tungsten
Ring & Ring Nos. 1-5 Mining Claims
White Pine County, Nevada

Gentlemen:

Additional information concerning the above captioned application was requested in a letter to you by Mr. George D. Holderness, Chief, Tungsten Branch, dated October 1, 1951. Review of our file to date shows that the information has not been received.

Will you inform us whether or not you intend to continue with the application. If so, please send us the requested information, and in addition, return to us six signed and dated copies of the seven enclosed Landlord's Subordination Agreement forms, MP-202.

If you do not wish to proceed with the application, will you please so inform us and we shall withdraw it, without prejudice.

May we hear from you at your earliest convenience?

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Copy to Bailey 2/1

Enclosures - 7

G.G.Gentry'lm
1/25/52

cc: Admn. Reading File
Docket
R. W. Gechen, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
G. G. Gentry

HCM

Refer to		
Answered		

Air Mail

Mr. T. A. Tomasini
Room 719, Howard Bldg.
209 Post Street
San Francisco, California

In reply please refer to
DMA-1973-Manganese

Dear Mr. Tomasini:

This is in reply to your letter, dated September 15, 1951 relative to our denial of your application for a loan.

The information you submitted on your process for producing metallic manganese, manganese dioxide, and silico-manganese has been reviewed by our metallurgist. Their conclusions are as follows:

Excluding the silicates and carbonates, substantially all of the manganese in domestic ores is present as dioxide, MnO_2. Manganese dioxide is insoluble in sulfuric acid.

There is no information available to indicate that the passage of electrical ionized air through a slurry of finely divided manganese ore in sulfuric acid would render its manganese dioxide content soluble in the acid. In view of the fact that the discharge of electricity through air tends to form ozone, to the extent that O_3 is produced, the ionized air would act as an oxidizing agent—quite the reverse of acting as a reducing agent.

In the absence of data indicating the effect of ionized air on the solubility of MnO_2 in sulfuric acid, it is not possible to conclude that your process is sound either in theory or in practice.

Therefore, aside from the fact that reserves are not adequate for the program, we regret that we must still deny your application.

Very truly yours,

Tom Lyon
Director, Supply Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Refer to	Noted	Date
	HCM	9/10
Answered		

SEP 6 1951

Mr. T. A. Tommasini
Room 719 Howard Bldg.
209 Post Street
San Francisco, California

In reply please refer to
DMA-1973 Manganese

Dear Mr. Tommasini:

We have carefully reviewed your proposal to borrow $3,750,000 to equip and operate plants for the production of metallic manganese, manganese dioxide and silico-manganese by means of your own SO_2 leaching process. You present a rather sketchy flow sheet of the dioxide process, but no information is given on the silico-manganese or metallic manganese production.

The production you propose would require about 300,000 to 400,000 tons of 20-25 percent manganese ore per year of operation.

Our records indicate that the reserves of manganese ore available to you are far too small to support such an ambitious program; therefore, we must deny your application.

We are enclosing your copy of the report by N. B. Ellery, as you requested.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

copy to Bailey 9/10

Enclosures

Refer to	Noted	Date
Answered		

SEP 6 1951

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Manganese Branch

Subject: DPC-1973 Manganese, T. A. Tognini,
Room 717, Howard Building
209 Post Street, San Francisco, California

The applicant proposes to borrow $3,750,000.00 to equip and operate mines and to install and operate plants for the production of metallic manganese, manganese dioxide and silico manganese by means of a patented SO_2 leaching process of his own. It is his proposal to install 5 small plants near various mines within a radius of 350-750 miles of San Francisco. The estimated monthly production from these plants is:

Metallic Mn.	[illegible] tons
MnO_2	1[illegible]0 tons
Silico manganese	1[illegible] tons

This production would require approximately 72,000 tons of manganese or 350,000 to 400,000 tons of 20-25% ore per year of operation. A sketchy schematic flow sheet is attached for the dioxide process, but no information is given on the silico manganese or metallic manganese production.

Only one deposit is mentioned, the Bowman prospect, in Mendocino County. This property was examined by the Geological Survey in July 1942, and was estimated to output perhaps 250 tons of high-grade ore. There is nothing to indicate the presence of large amounts of low-grade ore.

The entire measured, indicated and inferred reserves of the State of California are sufficient to supply the proposed rate of production for only about a year. From the resource point of view, it is entirely unsupported by evidence. Under these circumstances it can only be rejected.

George B. Holderer
Chief, Manganese Branch

Attachments

Approved:

Director, Supply Division