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Arizona Department of Mines and Mineral Resources Mining Collection

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12/14/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: TELLURIDE CHIEF

ALTERNATE NAMES:
STANDARD MINERAL

MOHAVE COUNTY MILS NUMBER: 553A

LOCATION: TOWNSHIP 20 N RANGE 15 W SECTION 13 QUARTER SW
LATITUDE: N 35DEG 06MIN 43SEC LONGITUDE: W 113DEG 49MIN 12SEC
TOPO MAP NAME: DEAN PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
GOLD LODE
MOLYBDENUM SULFIDE
TUNGSTEN
COPPER

BIBLIOGRAPHY:
USGS DEAN PEAK QUAD
ADMMR MOHAVE CUSTOM MILL PROJ. CARD FILE
DALE, V.B., USBM IC 8078, P. 95
WILSON, E.D., AZBM BULL 148, P. 14-15
KING, R.U., AZBM BULL 180, P. 235
ADMMR TELLURIDE CHIEF FILE

TELLURIDE CHIEF MINE

MOHAVE COUNTY

See: UC # 8078 p. 93

ABM Bull # 180 p. 235

IC 6901 p. 38

Arizona Mining Journal Sept 1917 p. 22
June 1919 p. 81 Dec 1919 p. 32 FEb. 1920
p. 36 March 1920 p. 23 April 1920 p. 43,60

ABM # 148 p. 14

*

Name of Mine or Prospect:	Township	Range	Section	Priority
Standard Mineral Mine (Telluride Chief)	20N	15W	13 ddd	B

Principal Minerals:	1:250,000 Quad	7.5' - 15' Quad
Molybdenite, Wolframite, Scheelite	Williams	Dean Peak

Associated Minerals:	District	Principal Product
Gold, Silver, Quartz	Maynard	Molybdenum, Tungsten

Type of Operation:	County	State	Type of Deposit
Underground: Shafts, Adits	Mohave	Arizona	Vein

Ownership or Controlling Interest:
Cerro Mineral Exploration Co. (1974)[1]

Access: From the Hualapai Mountain Road interchange on I-40, proceed south on Hualapai Mountain Road for 10 miles. Turn right on unimproved road and travel 0.5 miles. Mine is shown on topographic quadrangle.

Structural Control or Geological Association:

"The country rock is quartz monzonite with aplite dikes. The deposits are in northeast trending quartz veins with veinlets of molybdenite, with wolframite and scheelite."[1]

"In this vicinity the prevailing rock is a medium-grained granite, intruded by dikes of aplite and pegmatite. The granite has been broken by rather extensive fissures marked by iron stained outcrops and by coarse, flaky sericitic alteration. Many of them contain quartz veins of which two systems are readily evident. The more prominent system strikes N30°W and dips steeply SW."[5]

Age of Mineralization: Laramide

Production History	Geochemical Analyses[6]
Telluride Chief Underground plan map[4]	81RH3016 Ag 0.5 ppm Au <0.02 ppm Cu 990 ppm Mo 240 ppm Pb 6 ppm Zn 200 ppm W 4 ppm

References

1) Vuich (1974) MS thesis.
2) ABM (1968) Bull. 180, p.230-238.
3) Mallach (1977) p. 60.
4) CETA map file, Rack #10, underground map.
5) Dale (1961) p. 93-94.
6) Exploration Research Associates Incorporated, Field Reconnaissance and Geochemical Sampling, 24 July 1981.

ESTABLISHED
1880

MAIN AND
MESILLA STREETS

E. A. JACOBS
REGISTERED ASSAYER

PHONE 130-R

P. O. BOX 1889

TUCSON, ARIZONA April 18-1938

Mammoth St Anthony Ltd
Mammoth Arizona.
By Mr Langley

CERTIFICATE OF ASSAY.

No.....	Tungsten Trioxide (WO_3)
32-216	1.98%
217	1.10
218	1.43
219	1.32
220	Trace
221	1.21
222	0.48
223	Trace
224	Trace
225	0.68
226	Trace
227	0.05
[illegible]	Trace
229	Trace
230	Trace
231	Trace
232	0.05
233	Trace

Charges $72.00

E. A. Jacobs

E. A. Jacobs

ALL SAMPLES ASSAYED IN DUPLICATE — WE DO NOT QUOTE ON SINGLE WORK

E. A. JACOBS

REGISTERED ASSAYER

Cor. Main and Mesilla Sts.

CERTIFICATE OF ASSAY

Certificate No. 35202

TUCSON, ARIZONA, Apr 14 1918

Sample Submitted by Mr. Mammoth St Anthony Co

SERIAL	SAMPLE MARKED	GOLD OZS. PER TON ORE	GOLD VALUE PER TON ORE $	SILVER OZS. PER TON ORE	COPPER PER CENT WET ASSAY	LEAD PER CENT WET ASSAY	PER CENT WET ASSAY
90955	37-241		Tungsten trioxide		3.74	WO3	—
956	37-242 A		"		2.60	"	—
957	37-242 B		"		Trace		—
958	37-242 C		"		Trace		—

Gold Figured $ ..... per oz. Troy

Charges $ 16.00

Very Respectfully E. A. Jacobs

ALL SAMPLES ASSAYED IN DUPLICATE

WE DO NOT QUOTE ON SINGLE WORK

ESTABLISHED
1880

MAIN AND
MESILLA STREETS

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223	Trace
224	Trace
225	0.68
226	Trace
227	0.05
228	Trace
229	Trace
230	Trace
231	Trace
232	0.05
233	Trace

Charges $72.00

E. A. Jacobs

E. A. Jacobs

ALL SAMPLES ASSAYED IN DUPLICATE — WE DO NOT QUOTE ON SINGLE WORK

E. A. JACOBS

CERTIFICATE OF ASSAY — REGISTERED ASSAYER — Cor. Main and Mesilla Sts.

Certificate No. 35202 — TUCSON, ARIZONA, Apr 14 — 1938

Sample Submitted by Mr. Mammoth St Anthony Exp.

ALL SAMPLES ASSAYED IN DUPLICATE

WE DO NOT QUOTE ON SINGLE WORK

SERIAL	SAMPLE MARKED	GOLD OZS. PER TON ORE	GOLD VALUE PER TON ORE $	SILVER OZS. PER TON ORE	COPPER PER CENT WET ASSAY	LEAD PER CENT WET ASSAY	PER CENT WET ASSAY
90955	37-241	Tungsten	Trioxide		3.74	WO3	—
956	37-242 A		"		2.60	"	—
957	37-242 B		"		Trace		—
958	37-242 C		"		Trace		—

Gold Figured $ ..... per oz. Troy

Charges $ 1.60

Very Respectfully

E. A. Jacobs

P.O. 4150

March 7, 1943

TELLURIDE CHIEF MINE
Walter Meyer -------
$5000 RFC Loan.

MEMORANDUM

To: J. S. Coupal

From: Elgin B. Holt

Last week Walter Meyer was in to see me and I assisted him in setting up his application for a $5000 preliminary Development loan. He has just called me on the phone and said he will mail this application to Gohring Monday, March 8th.

As you know the property, and as you have my old report concerning it, will merely suggest that the said application be given due consideration.

Elgin B. Holt.

Elgin B. Holt.

Serving Santa Fe 12 States

Arizona	Iowa	Nebraska
California	Kansas	New Mexico
Colorado	Louisiana	Oklahoma
Illinois	Missouri	Texas

11/15-42

Dear Sam:

Herewith copy of letter Neeper has just sent in from Ranch. Not quite complete but I forward you as is.

Sincerely

Judge

FOR DEPENDABLE SERVICE Ship Santa Fe

January 20, 1942

Honorable L. V. Root
Kingman, Arizona

Dear Judge:

Many thanks for your note of January 15 with the copy of the letter signed by Walter Meyer on the Telluride Chief. I will submit this to Mr. Culver and will also place it in the files as information on the Telluride Chief.

The premium prices being paid on copper, lead and zinc after February 1 should stimulate a lot of activity in your district. I made the trip to Los Angeles over the week-end of the 10th and talked with Mr. Salmon regarding the lead-zinc project. He expects to get preliminary money arranged for this week so that he can get off dead center and go to work on the plans with Washington which we have been working on for the past two years without any tangible results.

Very truly yours,

J. S. Coupal

JSC:LP

C O P Y

Kingman, Arizona, January 10, 1942.

Mr. J. S. Coupal,
Arizona Dept. Mineral Resources,
Phoenix, Arizona.

Dear Mr. Coupal:-

As per your request I am giving you all the information to the best of my ability as to the size of the ore bodies so far developed, the values, and the amount of work in the main shaft of the Telluride Chief mine. All this work was done prior to January 1, 1919.

The vertical shaft is 450 feet deep, with the first station cut on the 200-level, from this station a crosscut 600 feet long extends to the west, showing nine different veins, three of them major veins, known as the Bernice, Josephine and the No. 9. Both the Bernice and the No. 9 had some drifting on them showing very good molybdenite, gold, silver and copper. At that time the management did not know of the tungsten content of the different veins on the 200, 300 and 400 foot levels. They were trying to operate the property only for molybdenum and at the present metal values from $10 to $12 gold and silver. The Bernice vein has a width of six feet in the face of the drift; the No. 9 from four to seven feet. This is plus the tungsten content; the dumps show up very satisfactorily under the violet ray lamp.

On the 300-foot level the old company drifted and stoped about 2,000 tons of molybdenum ore from a width of around eight feet and milled it in their 100-ton plant. The milling operations were begun just about one month before the close of the world war No. 1, after which the price of molybdenum decreased to such extent that the company had to close the mine, but kept the water pumped out for more than a year after that.

On the 400-foot level they opened quite a large vein assaying 1½% molybdenum, .12 to .20 ounces gold and 8 ounces silver and about 1% copper. The dump on the surface from this vein shows very nice scheelite under the lamp.

The new ore bodies the present owners have opened and todate have shipped seven carloads of highgrade gold, silver and copper ore, have never been opened from any of the levels of the main shaft and this ore body so far developed shows much better tungsten values than the veins to the west of the shaft. The tungsten content in present shipping ore will average 2 per cent. Of course we do not get pay for the tungsten at the smelter. This ore could be opened up very easily from the three levels in the main shaft which would add many thousands of tons to the present supply.

In my estimation, the cost of retimbering the collar of the shaft and dewater same at about $3,000, not including the price of the compressor and pumps. There is ample water for more than a 100-ton plant. There is a very good road to the mine.

A five ton lot sample taken by Mr. Langley from the surface and shipped to Tucson gave tungsten returns of 1½ per cent, plus the gold and silver. The new crosscut on the No. 9 vein shows 2½ feet of very nice tungsten ore and the new workings a quarter of a mile north of the present workings show very nice ore in tungsten, gold and silver.

Trusting this information is satisfactory,,

Very truly,
(Signed) WALTER MEYER.

5 February 1941

Mr. Walter N. Meyer,
Box 150,
Kingman, Arizona.

My dear Mr. Meyer:

I thank you for your letter of February 4, and I am enclosing herewith a copy of mine owners report covering the VALLEY VIEW MINE for your records.

I note that this property is under a 90 day option, and I shall appreciate your advices in the matter when you have definite information on it.

I shall also keep the Telluride Chief Mine in mind, and I shall be glad to present it to anyone making inquiry for such a property.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

NOTICE:—WALAPAI MOUNTAIN MINING COMPANY is a trust created by and operated under a Declaration of Trust made and dated July 28, A. D. 1933, and recorded and filed in the office of the County Clerk and ex-Officio Register of Deeds for the County of Mohave, Arizona. Neither any trustee nor any beneficiary is personally responsible for its obligations, the trust estate itself being solely liable therefor.

TRUSTEES
WM. P. JENKINS, PRESIDENT
E. E. COATE, VICE-PRESIDENT
WM. S. SEGAR, SECRETARY-TREASURER

MINE SUPERINTENDENT
WALTER MEYER

WALAPAI MOUNTAIN MINING COMPANY

KINGMAN, ARIZONA

February 4. I94I

Department of Mineral Resources
Capitol Building
Phoenix Arizona.

Dear Mr. Coupal:

Enclosed you will fined report on our Vermiculite property, it is a very large deposit with almost no over burden, no roads to build, at the present time, this, and the Columbus deposit, which belongs to Mr. Walker, are under 90 day option. Will keep you informed as to the progress of this option.

Have you any one in view for the Telluride Chief, that property should be operating now, as a Tungsten and Molybdenite mine, I have a repoert from the Engineer made in I9I7 in regards to the values in the old Shaft and size of Veins, Molybdenite values as high as 35%, the avarage of all the ore bodys I.I0% Mo.s, 2. plus $I0.00 Gold and Silver, 4to 6 feet wide. MO-3, in your letter of January 20. is looking for Molybdenite.

Very truly yours, Walter

Walter Meyer

Walter Meyer
P.O. Box I50
Kingman Arizona

3 December 1940

Honorable L. V.Root,
Kingman,
Arizona.

My dear Judge:

I thank you for your letter of November 25 regarding the item on the eastern corporation looking for molybdenum. I have heard from the engineer and he is now taking up his report with the company and advises me that I will hear from him shortly regarding it. When I hear from him the Telluride Chief will be one of the properties submitted.

From the surface showings and the workings that are accessible on the Telluride Chief, I believe it would warrant an R. F. C. loan, and I should suggest that you get Holt's assistance, if necessary, in preparing the application. In such a loan they might make provision for rehabilitating the collar of the vertical shaft, whereas under ordinary loans they do not carry out such work, but the surface showings seem to warrant it.

I believe both the Board of Governors and you are to be congratulated upon the appointment made by Governor Jones.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

27 November 1940

Honorable L. V. Root,
Kingman,
Arizona.

My dear Judge Root:

In the absence of Mr. J. S. Coupal, I am taking the liberty of acknowledging receipt of your letter of November 25.

I shall be glad to call this letter to Mr. Coupal's attention at the first opportunity. In the meantime, I am placing the date which you enclosed in the files with the TELLURIDE CHIEF reports.

Yours very truly,

Jess R. Fickas
Secretary to Mr. Coupal

jrf

Mohave County Miner Quality Printing :-: Advertising :-: Office Supplies

Established 1882 ▼ Covers Mohave County Like Its Well Known Sunshine ▼ M. O. Ream, Publisher

Published Every Thursday at KINGMAN, ARIZONA

November 25, 1940.

Mr. J. S. Coupal, Director,
Department of Mineral Resources,
Capitol Building,
Phoenix, Arizona.

Dear Mr. Coupal:-

Some time ago Walter Meyer filed with the department owners report on the Telluride Chief mine, which I think you and I visited. Noting in the Pay Dirt that an eastern corporation is looking for molybdenum properties, I am asking that the enclosed information be filed with the report you now have of the Telluride Chief. Mr. Meyer and one of his associates have just taken out a membership in the ASMOA.

I note also that the Pay Dirt announces my appointment to the board of governors of the department. I don't know whether I am to be congratulated or the board, anyway, I am receiving a number of congratulations from local people.

What would you think of the Telluride Chief as a property entitled to an RFC loan? I am taking it up with Mr. Holt as soon as he returns to Kingman.

Yours very truly,

L. V. ROOT.

TELLURIDE CHIEF MINES

* * * *

Brief Resume of History and Operations:

The property was originally developed during the first World War for its molybdenum contents. A flotation mill was installed and proved inefficient. In 1818 flotation was largely experimental. The "Armistice" followed and the callapse of the market resulted. The property was abandoned by the owners. Later the property was located by Walter Meyer and associates. They have shipped a considerable tonnage of selected ores from superficial workings near the surface, the values being in gold and silver, they knowing nothing about molybdenum and tungsten contents until quite recently. Mr. meyer was mine foreman during the operations of the war time period and superintendended the work. The property has 400-foot shaft now filled with water to about the 100-foot level. The shaft is in good condition except the collar whch has caved because it was raised above the solid ground and filled around with waste from the mine, A crosscut driven from the 200-level extends about 75 feet and assays of 1 per cent molybdenum were obtained. On the 400 the vein was 14 feet wide and assayed 1 per cent molybdenum, 1 per cent copper,.41 to.20unces gold and 6 ounces silver. No tungsten tests were made at that time but dump tests made since show the presence of tungsten.

ASSAYS--50 Pound Samples--MAP.

No. Sample	Au	Ag	Pb	Mo	WO	Cu	Width
141	.04	2.35			.84		28 3"
143	.60	76.3	1.75	.68	1.01		2' 6"
145	.46	7.7			1.25		3' 6"
161	.26	3.85	0.55	.25	.85		2' 3"
162	.21	.85	0.1	.22	.05	.10	3' 5"
163	.23	3.45	1.5	.74	.04	.20	2' 8"
164	.04	3.55	1.7	.61	.04	.30	2' 6"
165	.08	11.8		.20	.05		2' 6"
166	.03	1.40		.18	.29		1' 6"
167	.14	7.10	1.2	.27	.23		2' 9"
168	.03	2.25	.1	.35	4.40		2' 6"
169	.02	1.20		.22	.10		4'
170	.01	.80			.05		5'
171	.01	.35		.10	.03		3' 5"
172	.01	.56			.35		10"
173	tr	.30			.10		1' 6"
174	.14	7.55			.90		1' 1"
175	.01	1.05	.01	.23	.05		2' 6"
176	.21	1.60	.2	.25	.04		2' 9"
177	.01	1.05		.10	.03		2'
178	.27	18.90	.6	.63	1.00	4.5	3'
144	.03	.15		.19	.11		Dump Sample
179	tr	2.20		.81	tr		Dump Sample

March 23, 1942

Mr. Walter Meyer
Kingman, Arizona

Dear Mr. Meyer:

I am enclosing herewith a copy of mine owner's report which has been corrected and filed with this department covering the TELLURIDE CHIEF MINE in Mohave County.

I shall be glad to submit a copy of this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal

JSC:LP
Enc.

Nyal Niemuth

From: Luis Vega [vega@npgcable.com]
Sent: Wednesday, October 22, 2008 9:00 AM
To: Nyal Niemuth
Subject: Re: More data

There appears to be an error in the file Telluride Chief Mohave__B. This file has data on mines located in the Cerbat Mtns, Prince George, DeLafontane, etc., and not the Hualapais in the TR&S stated.

----- Original Message -----

From: Nyal Niemuth
To: 'Luis Vega'
Sent: Monday, September 29, 2008 4:55 PM
Subject: RE: More data

Here you go.
Nyal

From: Luis Vega [mailto:vega@npgcable.com]
Sent: Monday, September 29, 2008 4:49 PM
To: Nyal Niemuth
Subject: More data

Nyal,
Could I bother you for 3 more files? I'm interested in the area of T20N, R15W, Secs. 12, 13 & 23.
The file names are AZ Telluriam, Telluride Chief and King David.

Can these be e-mailed (one at a time if they're large files) rather than putting them on a disc?

Thanks,
Louie

TELLURIDE CHIEF MINE MOHAVE

Edwin White, Kingman, came in with a magnetometer, a geochemical map of his claims he had leased to Norandex last year. These claims were once drilled by Bear Creek and adjoin Hanna's moly prospect on the west. They are in Sec. 13, 14, T20N, R15W, SE of Kingman. Mr. White is probably 70 or more years old and wanted an interpretation of the map information which was explained. He also wished to apply for an OME loan which is out of the question, at this time. GW WR 2/10/75

RH

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: Telluride Chief Mine — Date: May 11, 1953.

District: ~~Cerbat (Wallapai)~~ Maynard (Hualpai) — Engineer: Geo. F. Reed

Subject: General Description & Present Status

Location and General Conditions:-

The Telluride Chief property is reached from Kingman by about 20 miles of graded road starting South-East on Highway 93, about 17 miles to the Jordan Ranch & Gold Standard Road, thence on this about 3 miles to a road to the right to the mine workings, visible about ½ mile up a canyon.

The two claims, called Telluride #1 & #2, are staked about end to end trending North-Westerly and the common end lines are centered almost on the common corner of four sections. These are Sec. 13 & 24, Twp. 20 N., and Range 15 W, and Sec. 18 & 19, Twp. 20 N, Range 14 W. They are in Mohave County. Elevation is about 5000 feet at the main workings.

Ownership:

The two claims, Telluride Chief #1 & #2, are held by location by Mrs. Evelyn Myers, widow of Walter Myers. She gets mail at Kingman, Arizona. No one is operating the claims at present. Edwin White, Kingman, just completed work to hold the claims for Mrs. ~~Myers~~ Meyers. P.O.Box 150, is Mrs. Meyers.

Geology & Topography:

The mine is in fairly rugged hills at an average elevation of about 5000 feet. The country rock appears to be an altered granite, somewhat gneissic, with some dikes and Pre-Cambrian? Schists. Branching, linked veins of quartz trend North-West and dip South-West at all angles from 45 degrees to vertical. Ore widths vary from a few inches to several feet. In the accessable workings, the iron is all oxidised and iron oxides and quartz are the principal minerals seen. Occassional brown Tungsten, probably Ferberite. Some places show green and blue copper carbonates. Ore from below water level shows a sprinkling of sulphides. Primary ore shows the following minerals in the quartz gangue: Scheelite, Ferberite, pyrite, sphalerite, galena, chalcopyrite, and molybdenite.

Ore:

All ore shipped from the property has been paid for as gold-silver ore. About seven carloads were shipped before World War II by Meyer and Associates. This is said to have averaged about $42.50 in gold and silver. The proportion of gold to Silver is not known. The above ore was estimated to run about 1.% WO3. A series of samples said to have been cut by an examining engineer for St. Anthony Min. & Devel. Co. showed from 0.25 to over 4.% WO3 on one surface vein over widths of about 3 feet and about 100 feet long. Generally speaking, the values are irregular. A surface showing to the North-West of the main workings showed Scheelite and a sample cut by me in 1950 assayed 0.05 oz. gold, 3.00 oz. silver and 1.51% WO3 across about 1½ feet. This has since been dug out. Another sample, unknown location, by me ran 0.02 oz. gold and 1.80 oz. silver, width 2½ feet. A sampling and assaying program would be necessary to determine how much ore shows.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Telluride Chief Date May 11, 1953

District Engineer

Subject:

Mine Workings:-

A vertical shaft, said to be 450 feet deep, is caved into a crater like hole at surface. The hole is full down about 25 feet from surface. Two 3 inch pipes protrude from the muck. Through one of these pipes some recent operators lowered a pump cylinder and pumped water for a small gravity mill. Meyers used to say the mine could produce enough water for a 100 ton mill. Workings off this shaft are said to be levels at 200, 300 and 400 feet. On the 200, there is said to be 800 feet of X-Cut to the South-West. This is said to have cut two main veins and some smaller ones. There is supposed to be about 100 feet of drifting. A cross-cut to the North-East 100 feet, more or less, from the 200 level would cut the veins opened in the adits on the surface. There are three short adits on the surface whose branching drifts and cross-cuts open the veins to less than fifty feet deep. There is a winze down about 30 feet in one adit. This shows a sprinkling of scheelite with ultra violet lamp.

History:

During World War I, I believe, a mill was built to recover Molybdenum, but all that remains is the concrete foundation. During the 1930s, Meyer and Co. mined and shipped 7 carloads of good gold-silver ore. In 1950 and 51, some Kingman people built a small gravity mill for Tungsten, but only ran a short time. At present, there is no equipment on the property.

For Sale:

Mrs. Meyer would like to sell or lease the property.

George F. Reed

*

Contact S. G. Hubbard
Kingman, Arizona

HISTORY OF TELLURIDE CHIEF BETWEEN THE FIRST REPORT IN 1917 AND THE LAST ENGINEER'S REPORT WHICH WAS IN 1940

January 13, 1949.

Mr. Wade
1770 W. 4th St.
San Bernardino,
California

Dear Mr. Wade:

I am enclosing two Engineer's reports on the property. One of these reports was made about the end of the First World War, the second report was made just before the second world war. First report was made when Molybdenite was high, and the mining was done with this in mind. The second report was made to obtain a $20,000. Government loan for a Tunsten property. The present owners turned down the loan of $20,000. as one of the stipulations was that the ore be hawled to the Boreana Tungsten Mill about 70 miles distance, and would have eaten up most of the profit.

The present owners have absolute confidence in the property, and are willing to give, with no down payment, an option for three months or more, to a resposible party, for engineer to examine the property. To further show the confidence they have, all payments for the mine are to be made solely from the royalties from the ore. Total price to be $100,000.

The following information is given to me by the owner, and covers the work done and results between the time of the first report and the second report; In 1917, The Company continued the shaft to 430 feet, and continued the crosscut on the 200 foot level to 600 feet with the following results:

600 FOOT CROSSCUT ON THE 200 FOOT LEVEL; They cut 9 seperate and distinct veins. Three of these being major veins of 4 ft wide or wider. The three main veins cut were called the Bernice (Discribed in the 1917 report. The second was the Josephine which carried gold silver and molybdenum. The third major vein was the "Number Nine" and was from 4 to 7 feet wide, heavy with lead.(Owner judged about 10%) and some zinc. All veins carried gold and silver. East of the station on this level, when they cut the station, they cut thru a vein of solid galena (Sulphide of lead) 18 to 20 inches wide. No attention was paid to this ore as lead was worth about 3 ¢ a lb.

300 FOOT LEVEL; Crosscut west and took out and milled 2000 tons of country rock which was impregnated with Molybdenum- ran 1⅓%.

400 FOOT LEVEL: Started crosscut west and struck large vein 14 ft. wide which ran .25 oz in gold; 8 oz in silver; 1⅓% tungsten; and 2 to 3 % in copper.

The mine was disbanded after the First world war, but water was pumped out for a year or so, and during that time, representatives from the Krupp Works in Germany examined the mine and offered $500,000. for the mine with a down payment of $125,000. The Company held out for a down payment of $250,000 and the deal fell thru.

In 1939, the present owners shipped 7 car loads of ore from workings close to the surface. Ore was shipped to Smelter and they were payed an average of $42.50 per ton for the Gold, silver & copper. (I have seen the Smelter returns on these shipments). The ore ran about 2% lead, but the Smelter did not pay for the lead. The Smelter was very anxious to get this ore and was willing to pay half the freight.

There are maps and assays available which may be used by your engineer, should you decide to examine the property. The upper workings and dumps can easily be examined. However, some one removed the top set of timbers and the ground has caved and the timbers closed the entrance to the shaft.

To rebuild the top of shaft and pump out the water and examine the mine will take some time and expense. I would judge it would take in the neighborhood of $5000. to get the mine ready for to produce ore.

I have endeavored to give you an accurate picture of the property to the best of my ability, and almost all of the facts given you in this letter, were given me by the owner, I believe them to be accurate. I do know that the 7 car loads they shipped averaged $42.50 per ton.

There is a good road to the property, but KINGMAN HAS HAD UNUSUAL WEATHER like the rest of the country, and it would be advisable to wait at least two weeks before coming to see the property. If you have any questions will be glad to try to answer them. If not interested in this mine would appreciate your reason, so that it will help me in locating something you are interested in.

Very truly yours

Si Hubbard

March 7, 1943

TELLURIDE CHIEF MINE
Walter Meyer -------
$5000 RFC Loan.

MEMORANDUM

To: J. S. Coupal

From: Elgin B. Holt

Last week Walter Meyer was in to see me and I assisted him in setting up his application for a $5000 preliminary Development loan. He has just called me on the phone and said he will mail this application to Gohring Monday, March 8th.

As you know the property, and as you have my old report concerning it, will merely suggest that the said application be given due consideration.

Elgin B. Holt.

Elgin B. Holt.

MT-1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Report by
A. Brodie Campbell

Date June 9, 1942

1. Mine Telluride Chief
2. Mining District & County Maynard Dist., Mojave Co.
3. Former name
4. Location 18 miles E of Kingman on E flank of Hualapai Mts.
5. Owner Walt. Meyer and associates
6. Address (Owner) P.O. Box 150, Kingman.
7. Operator " " "
8. Address (Operator) " "
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Wolframite, scheelite, copper gold, silver.
14. Men Employed
15. Production Rate None for tungsten
16. Mill: Type & Cap. None
17. Power: Amt. & Type None
18. Operations: Present Hi grading for copper gold and silver ore.
19. Operations Planned Develop for tungsten
20. Number Claims, Title, etc. 11 claims held by location.
21. Description: Topography & Geography Fairly rugged mountainous. Little timber. Elevation 5000'. Fair precipitation.
22. Mine Workings: Amt. & Condition Mine developed down to 450' by shaft that is caved. Several hundred feet of drifts and x-cuts at surface, 100', 200' and 300' levels. Only surface work is open.

(over)

23. Geology & Mineralization Quartz veins from seams to 16" wide throush granite country rock. Veins strike N-35-W and dip 80 SW. Another less prominent set strikes NE and dips W. Mineralization is principally scheelite with some wolframite copper oxides pyrite and molybdenite. Not very strong on tungsten minerals. Some gold and silver with copper ores.

24. Ore: Positive & Probable, Ore Dumps, Tailings None

24-A Vein Width, Length, Value, etc. Veins are tradeable for about 700'. Considerable faulting is evident.

25. Mine, Mill Equipment & Flow Sheet None

26. Road Conditions, Route Go 22 miles on road to Odle Ranch from Kingman. Mine is about ½ mile off road to west. Large old concrete foundations can be seen from the road. Good road.

27. Water Supply Fair amount of water could be obtained from old caved workings.

28. Brief History Started in 1915 as a molybdenum mine. Had 100 ton treatment plant on property, since removed, at end of war in 1918. Not operated except by high graders for copper gold and silver.

29. Special Problems, Reports Filed Wilson, Tungsten deposits of Arizona.

30. Remarks This property might make a small producer of tuhgsten . If the property is worked it would be advisable to start the new work on the NW. outcrops of the veins away from the old workings. The tungsten values seem to be stronger there.

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

32. Signed.....

33. Use additional sheets if necessary.

January 20, 1942

Honorable L. V. Root
Kingman, Arizona

Dear Judge:

Many thanks for your note of January 15 with the copy of the letter signed by Walter Meyer on the Telluride Chief. I will submit this to Mr. Culver and will also place it in the files as information on the Telluride Chief.

The premium prices being paid on copper, lead and zinc after February 1 should stimulate a lot of activity in your district. I made the trip to Los Angeles over the week-end of the 10th and talked with Mr. Salmon regarding the lead-zinc project. He expects to get preliminary money arranged for this week so that he can get off dead center and go to work on the plans with Washington which we have been working on for the past two years without any tangible results.

Very truly yours,

J. S. Coupal

JSC:LP

1/15-42

Dear Sam:

Herewith copy of letter Neeper has just sent me from Hawaii. Not quite complete but I forward you as is.

Sincerely,

Judge

C O P Y

Kingman, Arizona, January 10, 1942.

Mr. J. S. Coupal,
Arizona Dept. Mineral Resources,
Phoenix, Arizona.

Dear Mr. Coupal:-

As per your request I am giving you all the information to the best of my ability as to the size of the ore bodies so far developed, the values, and the amount of work in the main shaft of the Telluride Chief mine. All this work was done prior to January 1, 1919.

The vertical shaft is 450 feet deep, with the first station cut on the 200-level, from this station a crosscut 600 feet long extends to the west, showing nine different veins, three of them major veins, known as the Bernice, Josephine and the No. 9. Both the Bernice and the No. 9 had some drifting on them showing very good molybdenite, gold, silver and copper. At that time the management did not know of the tungsten content of the different veins on the 200, 300 and 400 foot levels. They were trying to operate the property only for molybdenum and at the present metal values from $10 to $12 gold and silver. The Bernice vein has a width of six feet in the face of the drift; the No. 9 from four to seven feet. This is plus the tungsten content; the dumps show up very satisfactorily under the violet ray lamp.

On the 300-foot level the old company drifted and stoped about 2,000 tons of molybdenum ore from a width of around eight feet and milled it in their 100-ton plant. The milling operations were begun just about one month before the close of the world war No. 1, after which the price of molybdenum decreased to such extent that the company had to close the mine, but kept the water pumped out for more than a year after that.

On the 400-foot level they opened quite a large vein assaying 1½% molybdenum, .12 to .20 ounces gold and 8 ounces silver and about 1% copper. The dump on the surface from this vein shows very mice scheelite under the lamp.

The new ore bodies the present owners have opened and todate have shipped seven carloads of highgrade gold, silver and copper ore, have never been opened from any of the levels of the main shaft and this ore body so far developed shows much better tungsten values than the veins to the west of the shaft. The tungsten content in present shipping ore will average 2 per cent. Of course we do not get pay for the tungsten at the smelter. This ore could be opened up very easily from the three levels in the main shaft which would add many thousands of tons to the present supply.

In my estimation, the cost of retimbering the collar of the shaft and dewater same at about $3,000, not including the price of the compressor and pumps. There is ample water for more than a 100-ton plant. There is a very good road to the mine.

A five ton lot sample taken by Mr. Langley from the surface and shipped to Tucson gave tungsten returns of 1½ per cent, plus the gold and silver. The new crosscut on the No. 9 vein shows 2½ feet of very nice tungsten ore and the new workings a quarter of a mile north of the present workings show very nice ore in tungsten, gold and silver.

trusting this information is satisfactory,,

Very truly,
(Signed) WALTER MEYER.

5 February 1941

Mr. Walter N. Meyer,
Box 150,
Kingman, Arizona.

My dear Mr. Meyer:

I thank you for your letter of February 4, and I am enclosing herewith a copy of mine owners report covering the VALLEY VIEW MINE for your records.

I note that this property is under a 90 day option, and I shall appreciate your advices in the matter when you have definite information on it.

I shall also keep the Telluride Chief Mine in mind, and I shall be glad to present it to anyone making inquiry for such a property.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

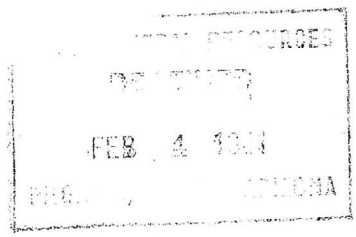
NOTICE:—WALAPAI MOUNTAIN MINING COMPANY is a trust created by and operated under a Declaration of Trust made and dated July 28, A. D. 1933, and recorded and filed in the office of the County Clerk and ex-Officio Register of Deeds for the County of Mohave, Arizona. Neither any trustee nor any beneficiary is personally responsible for its obligations, the trust estate itself being solely liable therefor.

TRUSTEES
WM. P. JENKINS, PRESIDENT
E. E. COATE, VICE-PRESIDENT
WM. S. SEGAR, SECRETARY-TREASURER
MINE SUPERINTENDENT
WALTER MEYER

~~WALAPAI MOUNTAIN MINING COMPANY~~

KINGMAN, ARIZONA

February 4. I94I



Department of Mineral Resources
Capitol Building
Phoenix Arizona.

Dear Mr. Coupal:

Enclosed you will fined report on our Vermiculite property, it is a very large deposit with almost no over burden, no roads to build, at the present time, this, and the Columbus deposit, which belongs to Mr. Walker, are under 90 day option. Will keep you informed as to the progress of this option.

Have you any one in view for the Telluride Chief, that property should be operating now, as a Tungsten and Molybdenite mine, I have a repoert from the Engineer made in I9I7 in regards to the values in the old Shaft and size of Veins, Molybdenite values as high as 35%, the avarage ofall the ore bodys I.I6% Mo.s, 2. plus $I0.00 Gold and Silver, 4to 6 feet wide. MO-3, in your letter of January 20. is looking for Molybdenite.

Very truly yours,

Walter Meyer

Walter Meyer
P.O. Box I50
Kingman Arizona

TELLURIDE CHIEF MINE
JUNE 1940

LOCATION: This mining property is located on the east slope of the Haulapai mountains in the Maynard Mining District, Mohave County, Arizona, and is about 20 miles from Kingman.

GEOLOGY: Mr. Schraeder, of the U.S. Geology Survey states that the Haulapai range consists of an east-tilted uplift of a pre-cambrian complex traversed by numerous dikes of varying composition.

In the area comprising and surrounding the Telluride Chief property for some distance to the north, west and south, the country rock, granite, has been subjected to movements which have given rise to a gneissoid structure, with a resulting alteration manifesting itself in a relative greater amount of feldspar and mica both biotite and sericite. To the east the granite exhibits a well defined micro-pegmatic structure.

CLAIMS: The property consists of eleven unpatented claims, having an area of about 220 acres. The claims are named Telluride Chief, Telluride Chief 1 to 9 and the Gold Mountain and is reached over a good country road.

This is a rolling hill country with no rough topography; the gulches are not deep, but narrow and rather steep and the outcrops are easily distinguishable. There are no buildings or equipment on the property, but several good places for campsites and both domestic and mill water may be secured from a deep shaft on the property. The shaft was reported as making 23,500 gallons of water a day.

MINERALIZATION & VEINS: There are two principal vein systems; one stiking east and west, dipping south at about 50 degrees from the horizontal; the other strikes northwest and southeast with a dip to the southwest of from 50 to 70 degrees. The latter vein system has most of the work done on it. This work has been, so far as tungsten is concerned confined to what will be termed the "East & West Vein". These veins are shown upon the accompanying map and outline a strong and well defined shear zone, varying in width from 20 to 50 feet or more. On the north end of the East vein there has been exposed by means of several open cuts, a shoot of quartz ore running from .84% to 4.4% $W.O_3$ (Tungstic acid) that averages 2.5 feet in width and at least 100 feet in length. This ore could be mined through an adit tunnel that is on the west side of, and parallel to this vein. By extending a crosscut from this adit tunnel a distance of about 30 feet, it will be possible to raise on this shoot of ore. It would appear that another shoot of tungsten ore lies to the south of the one discribed above. The owner has developed more good grade ore on the north end of this ~~xkak~~ vein about 2 claims length further northwest, another shoot of tunsten ore is indicated in an open cut.

CONCLUSION: The accompanying map was drawn by the writer who also cut the samples. The WO_3 results were made by E.A.Jacobs of Tucson, while all the others were done in a Company laboratory. I consider the Telluride Chief a good Tungsten prospect that justifies development.

Seth Langley, Field Engineer
for Mammoth Saint Anthony.

3 December 1940

Honorable L. V.Root,
Kingman,
Arizona.

My dear Judge:

I thank you for your letter of November 25 regarding the item on the eastern corporation looking for molybdenum. I have heard from the engineer and he is now taking up his report with the company and advises me that I will hear from him shortly regarding it. When I hear from him the Telluride Chief will be one of the properties submitted.

From the surface showings and the workings that are accessible on the Telluride Chief, I believe it would warrant an R. F. C. loan, and I should suggest that you get Holt's assistance, if necessary, in preparing the application. In such a loan they might make provision for rehabilitating the collar of the vertical shaft, whereas under ordinary loans they do not carry out such work, but the surface showings seem to warrant it.

I believe both the Board of Governors and you are to be congratulated upon the appointment made by Governor Jones.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf

27 November 1940

Honorable L. V. Root,
Kingman,
Arizona.

My dear Judge Root:

In the absence of Mr. J. S. Coupal, I am taking the liberty of acknowledging receipt of your letter of November 25.

I shall be glad to call this letter to Mr. Coupal's attention at the first opportunity. In the meantime, I am placing the date which you enclosed in the files with the TELLURIDE CHIEF reports.

Yours very truly,

Jess R. Fickas
Secretary to Mr. Coupal

jrf

Mohave County Miner

Quality Printing :-: Advertising :-: Office Supplies

Established 1882 ▼ Covers Mohave County Like Its Well Known Sunshine ▼ M. O. Ream, Publisher

Published Every Thursday at KINGMAN, ARIZONA

November 25, 1940.

Mr. J. S. Coupal, Director,
Department of Mineral Resources,
Capitol Building,
Phoenix, Arizona.

Dear Mr. Coupal:-

Some time ago Walter Meyer filed with the department owners report on the Telluride Chief mine, which I think you and I visited. Noting in the Pay Dirt that an eastern corporation is looking for molybdenum properties, I am asking that the enclosed information be filed with the report you now have of the Telluride Chief. Mr. Meyer and one of his associates have just taken out a membership in the ASMOA.

I note also that the Pay Dirt announces my appointment to the board of governors of the department. I don't know whether I am to be congratulated or the board, anyway, I am receiving a number of congratulations from local people.

What would you think of the Telluride Chief as a property entitled to an RFC loan? I am taking it up with Mr. Holt as soon as he returns to Kingman.

Yours very truly,

L. V. ROOT.

TELLURIDE CHIEF MINES

* * * *

Brief Resume of History and Operations:

The property was originally developed during the first world War for its molybdenum contents. A flotation mill was installed and proved inefficient. In 1818 flotation was largely experimental. The "Armistice" followed and the callapse of the market resulted. The property was abandoned by the owners. Later the property was located by Walter Meyer and associates. They have shipped a considerable tonnage of selected ores from superficial workings near the surface, the values being in gold and silver, they knowing nothing about molybdenum and tungsten contents until quite recently. Mr. meyer was mine foreman during the operations of the war time period and superintendended the work. The property has 400-foot shaft now filled with water to about the 100-foot level. The shaft is in good condition except the collar whch has caved because it was raised above the solid ground and filled around with waste from the mine, A crosscut driven from the 200-level extends about 75 feet and assays of 1 per cent molybdenum were obtained. On the 400 the vein was 14 feet wide and assayed 1 per cent molybdenum, 1 per cent copper,.41 to.20unces gold and 6 ounces silver. No tungsten tests were made at that time but dump tests made since show the presence of tungsten.

MT-1

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Mine Owner's Report

Date: June 22, 1939

1. Mine: TELLURIDE CHIEF MINE

2. Location: 20 miles southeast of Kingman, Arizona.

3. Mining District & County: Maynard Mining District, Mohave County, Arizona.

4. Former Name: Standa d Minerals Co.

5. Owners: Walter Meyer, F. C. Walker, J. M. Cochrane & Mrs. O.W.Little

6. Address (Owners): Kingman,Arizona.

7. Operator:

8. Address (Operator):

9. President, Owning Co:

9A. President, Operating Co:

10. Gen. Mgr:

14. Principal Minerals: Gold, Silver, Molybdenum and Tungsten.

11. Mine Supt:

15. Production Rate:

12. Mill Supt:

16. Mill - Type & Cap:

13. Men Employed:

17. Power - Amt. & Type:

18. Operations - Present:

19. Operations - Planned:

20. Number Claims, Title, etc: 11 claims, clear title.

21. Description - Topography & Geography:

22. Mine Workings - Amt. & Condition: Surface workings, about 750 ft.
Shaft 450 feet vertical
800 feet of crosscutting on 200 ft. level
Crosscut on 300 ft. level
Station and short crosscut on 400 ft.level
Collar of shaft caved.

(Over)

23. Geology & Mineralization:

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

24A. Dimensions and Value of Ore body:

25. Mine, Mill Equipment & Flow-Sheet:

26. Road Conditions, Route: Very good road.

27. Water Supply: Ample water for 100 ton mill.

28. Brief History: Property was operated during the World War for molybdenum. Present owners have shipped 7 carloads of $40.00 gold and silver ore, plus about 1% wolframite and some molybdenite. These veins were not opened from shaft by crosscuts.

29. Special Problems, Reports Filed:

30. Remarks: Owners have underground and assay map of new workings.

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

For sale - For price and terms, write
Mr. Walter Meyer, Kingman, Arizona

32. Signature: (Signed) WALTER MEYER

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date June 22. 1939.

Mine Telluride Chief.

District Maynard,

Location Mohave County

Former name Standerd Minerals,Co.

Owner Walter Meyer, F.C. Walker,J. M. Cochrane Address Kingman, Arizona.
Mrs O. W. Little,

Operator Address

President Gen. Mgr.

Mine Supt. Mill Supt.

Principal Metals Gold, Silver,Molybdenum, Men Employed
Tungsten.

Production Rate Mill: Type & Cap.

Power: Amt. & Type

Operations: Present

Operations Planned

Number Claims, Title, etc. II claims, clear title.

Description: Topog. & Geog.

Mine Workings: Amt. & Condition surface workings,about 750 feet,Shaft 450 feet vertical,800 feet of crosscuting on 200 foot level crosscut on 300 foot level, station and short crosscut on 400 foot level,colar of Shaft caved.

(over)

MT-1

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
FIELD ENGINEERS REPORT

Date: November 11, 1939.

Mine: TELLURIDE CHIEF MINE - 11 claims

District: MAYNARD MINING DISTRICT Engineer: Elgin B. Holt.

Subject: Synopsis Report.

TELLURIDE CHIEF MINE - SYNOPSIS REPORT

LOCATED in Maynard Mining District, 20 miles southeast of Kingman, Arizona, in Mohave County.

OWNER: Walter Meyer & Co., P. O. Box 150, Kingman, Arizona.

DEV. WORK: One timbered vertical shaft 450 feet deep, caved at collar. Levels at 200, 300 and 400 feet depth. On 200 ft. level there is 800 ft. of crosscutting, intersecting 2 major veins and 7 veinlets, with 100 feet of drifts on 2 major veins.

CHARACTER OF ORE: Molybdenite, tungsten, gold, copper, silver, lead.

MILL: A mill was erected at property by Standard Minerals Company of Anaheim, California, having capacity of 100 tons daily, to recover molybdenite from the ore by flotation. Plant was of poor design and did not get good results. However, this plant milled considerable molybdenite ore found in country rock removed from veins; but no attempt was made to work the veins in order to recover other values mentioned. Mill operated from Jan. 1916 to Nov. 1918.

VEINS: Two major East-West veins 50 feet apart; strike N.W. - S.E. Dip 65 deg. SW. Formation - pre-Cambrian granite complex.

ORE SHIPPED FROM VEINS: Seven cars of ore were shipped from surface working assaying around $42.50 per ton in gold and silver, plus about 1% Wolframite and some Molybdenite. These veins were not opened from shaft by crosscuts, as all crosscuts from shaft were driven southwest away from the said surface veins. A 75 ft. crosscut on 200 ft. level of shaft would cut the West vein.

Property has all the earmarks of a mine that would supply a 100-ton mill for a number of years; and I believe a great deal of money can be made in operating this property, providing the same can be adequately financed, equipped and managed. Mainly, it will be necessary to work out a process whereby all metallic values can be recovered in marketable form.

WATER: Mr. Meyers states that there is ample water in shaft to supply a 100-ton flotation mill. Excellent graded dirt road leads to property from Kingman. Climatic conditions excellent the year round.

REPORT ON PROPERTY OF
TELLURIDE CHIEF MINING CO.
July 5 1917

LOCATION: The property owned by the Telluride Chief Mining Co. is located on the east slope of the Haulapai mountains, in the Maynard Mining district, Mohave County, Arizona, and is reached over a good automobile road from Kingman, the County seat, and supply point for the mining districts of the county, which is 20 miles distance from the property.

GEOLOGY: Mr. Schraeder, of the U.S. Geological Survey, states that the Hualapai range consists of an east tilted uplift of the pre-cambrian complex treversed by numerous dikes of varying composition.

In the area comprising and surrounding the Telluride Chief property for some distance to the North, west and south, the country rock, granite, has been subject to movements which have given rise to shearing and faulting that has resulted in the development of a gneissoid structure, with resulting alteration, this alteration manifesting itself in the relative greater amount of feldspar & micas, both biotite & sericite

To the west of the area the granite becomes more coarsely feldspathic, while to the east they exhibit a well defined micropegmatic structure.

There are, so far as known, only three dikes on the property, all lamprophyric, two striking nearly east and west and the other having a northwestly & southwesterly strike. Not enough work has been done on this property to be able to determine whether or not the dikes bear any relationship to the ore bodies or not.

CLAIMS: The property consists of eleven unpatented claims a net area of about 220 acres. The claims are the Telluride 1 to 9, Gold Mountain Garnier No.1 Silver Hill, Helen, Madoline & Margaret. The Garnier, Garnier No.1 and Silver Hill were obtained by purchase from the origanal locators, while the last three were located and transferred to the Company without cost for the purpose of protecting the boundaries of the origanal claims. The title to the claims rests in the company by virtue of location & possession in accord with federal statutes.

VEINS AND VEIN SYSTEMS: The veins on the Telluride Chief property group themselves into three well defined systems which will be designated as the Garnier system, Number Nine system and Silver Hill system. The Garnier system has a general northwesterly & southeasterly strike and dipping to the southwesterly at from 50 to 70 degrees from the horizontal. The number nine system has a strike of from south 5 degrees east to south 9 degrees west dipping from about 60 to 65 degrees to the west. The veins of the Silver Hill system have a strike of nearly due east and west and dip flatly to the north.

The Garnier system is made up of the Garnier vein, the Big Swede vein, about 45 feet to the west of the Garnier vein, and two unnamed veins to the east of the Garnier. Up to the time the property had been acquired by this company, most of the work done had been performed on the Garnier vein, and consisted of numerous open cuts, a 75 foot incline shaft, two 75 foot drifts. The Silver Hill vein system had been exposed by two shallow shafts and about 50 feet of stripping on the Silver Hill vein and an open cut on the vein on the Helen claim. No work had been done on the veins on the north and south vein system and as these veins do not outcrop prominently, little attention has been paid to them and it was not until crosscutting from the 200 foot point in the shaft was undertaken that their importance was recognized.

DEVELOPMENT WORK: Since the acquisition of the property by this Company all work has been confined to the sinking of a working shaft on the Garnier vein. This shaft was started on the outcrop of the Garnier vein and was sunk vertically to a depth of a little more than 200 feet where a station was cut, a crosscut bearing south 40 degrees west was started and continued to a point 365 feet from the shaft. During the sinking of the shaft a number of small veins & stringers were cut, all of which dipped to the west. At the 70 foot point the secondary sulphides were first encountered, assays as high as $70. in gold, silver & copper being obtained. At the 110 foot point the first water was encountered and at about the same point the first molybdenite was found. At the 130 foot point it appeared that another vein was coming into the shaft from the east but as the sinking progressed the vein straightened, and the dip changing from the west to the east receeding from the shaft into the country rock on the east of the shaft, indicating that the veins in the Garnier system might show a corresponding change of dip from the west to the east. At the west end of the station on the 200 ft. level a vein having a dip of 45 degrees to the east and a strike identical with that of the Garnier on the surface was encountered and it is possible that the vein is the Garnier. This same vein was cut in the opening of the sump and at that point was two feet wide and was sampled across that width with results of $24.50 per ton.

In cutting a station for a pump in the west end of the station a small footwall stringer from the vein last mentioned was found which gave selected samples assaying 35% molybdenite. From the shaft to a point 150 feet to the west the granite is much broken and altered locally by kaolinization and sericitization and a removal of a portion of the biotite. In this distance a number of minor slips having a north south strike were cut, three of which show a molybdenite content over a sufficient width to allow of profitable mining and milling.

At the 150 foot point a vein was cut and named the Bernice. This vein occurs along a north south fault plane in which the relative movement as evidenced by the displacement of a lamprophyric dike amounts to 30 feet. Where cut by crosscut, the Bernice was sampled across 4 feet with results of $23.22. Drifting was done on this vein and at a point 12 feet from the crosscut it was sampled across four feet with returns of $41.28 per ton, while a selected sample taken from the 30 foot point gave a return of 20.2% molybdenite. The drift on the Bernice was carried to a point 68 feet from the crosscut and is still in ore, there being a considerable amount of high grade molybdenite for the last 20 feet along the drift.

From the Bernice westerly the granite becomes less altered and harder showing more nearly its normal structure and composition, at a point 290 feet westerly from the shaft a strong north south vein designated the Josephine was encountered.

EQUIPMENT: The property is equipped with necessary mess house, bunk house, office and other buildings comprising the camp equipment, a 12 h.p. hoist, with buckets, trucks, ore cars, valve bucket for handling water which is making at the rate of about 13,500 gallons per day, blacksmith shop with proper tools for all ordinary work required , etc.

METALLURGICAL TREATMENT: Exhaustive tests have been made by the writer relative to the treatment of the ores from this property and by the use of the oil flotation process assured that the recovery of at least 85% of the molybdenite content can be had, and at the same time making a

concentrate that will be extremely desirable to the purchasers in as much as a complete removal of the copper has been accomplished.

One sample af about 200 lbs was taken as being representative of the ores in the various veins opened on the 200 ft. level. This sample showed a molybenite content of 1.10% and the various tests made upon it showed actual recoveries of from 86 to 90.26% with the copper content in the concentrates less than .055.

A second marketable product recovering the gold, silver and copper values in the ore will also result from the use of the flotation process.

MINERALOGY: In the upper zones of the various veins, the various primary minerals are totally lacking, having been oxidized by atmospheric agencies and the various secondary minerals having been formed. As was mentioned earlier in this report, the first sulphides in the shaft were found at the depth of about 70 feet. These consisted of the secondary copper sulphides, also iron pyrite. Molybdenite is a primary mineral and has its origin in granites, and the occurence of this mineral together with the occurence of the other primary sulphides of copper, lead and zinc, may be considered as pointing to the deep-seated origin of the ores.

RECOMMENDATIONS: In view of the number of veins that have been discovered by the work on the 200 foot level, with their values over width that will permit the use of economical mining methods, their continuity vertically and along their strike, it is recommended that machinery be installed for the more economical carrying out of further work.

The further work as planned will include sinking of the present shaft to lower levels in order to permit of the exploration of the veins opened on the 200 foot level, and the continuation of drifting and crosscutting on the 200 foot level together with the driving of the necessary raises. The mechanical equipment for this work should include an air compressor of about 500 cu. ft. capacity together with drills, a station and sinking pump.

With the prosecution of the work of exploring the lower levels should be carried on the erection of a plant for the treatment of the ores. There are now on the dump approximately 2,000 tons of millable ore and the erection of a mill at this time would be amply justified. An oil flotation plant capable of treating 50 tons per day of the ore can, at present prices of machinery and supplies, be erected at a cost of about $20,000.

The proper design of the first unit of such a plant will allow the doubling of its capacity at a cost of about $10,000.

Respectfully submitted,

(Signed) Roy L. Cornell

COPY

ASSAYS -- 50 Pound Samples -- MAP.

No. Sample	Au.	Ag.	Pb.	Mo.	WO	Cu.	Width
141	.04	2.35			.84		2' 3"
143	.60	76.3	1.75	.68	1.01		2' 6"
145	.46	7.7			1.25		3' 6"
161	.26	3.85	0.55	.25	.85		2' 3"
162	.21	.85	0.1	.22	.05	.10	3' 5"
163	.23	3.45	1.5	.74	.04	.20	2' 8"
164	.04	3.55	1.7	.61	.04	.30	2' 6"
165	.08	11.8		.20	.05		2' 6"
166	.03	1.40		.18	.29	.	1' 6"
167	.14	7.10	1.2	.27	.23		2' 9"
168	.03	2.25	.1	.33	4.40		2' 6"
169	.02	1.20		.22	.10		4'
170	.01	.80			.05		5'
171	.01	.35		.10	003		3' 5"
172	.01	.56			.35		10"
173	Tr.	.30			.10		1' 6"
174	.14	7.55			.90		1' 1"
175	.01	1.05	.01	.23	.05		2' 6"
176	.21	1.60	.2	.25	.04		2' 9"
177	.01	1.05		.10	.03		2'
178	.27	18.90	.6	.63	1.00	4.5	3'
144	.03	.13		.19	.11		Dump Sample
179	Tr.	2.20		.81	Tr.		Dump Sample

*

MT-1 TELLURIDE CHIEF, Victor Meyer, Kingman, Arizona

Your name and address has been furnished to -

Edward Smith, Box 1923, Phoenix, Arizona

who has made inquiry for the same with reference to mining property listed with the Department of Mineral Resources

DEPARTMENT OF MINERAL RESOURCES

J. P. Coupal, Director

MT-1 TELLURIDE CHIEF MI[illegible] - Walter Meyer,Kingman,Arizona

Copy of Mine Owners Report co[illegible]ing property listed with the Department of Mineral Resource[illegible] has been furnished to -

Samuel H. Smith,
736 No. Orange Grove Ave., Los Angeles (Hollywood)Calif.

DEPARTMENT OF MINERAL RESOURCES
J. S. Cou[illegible]al, Director

COPY

TELLURIDE CHIEF MINES

****

Brief Resume of History and Operations:

The property was originally developed during the first world war for its molybdenum contents. A flotation mill was installed and proved inefficient. In 1918 flotation was largely experimental. The "Armistice" followed and the callapse of the market resulted. The property was abandoned by the owners. Later the property was located by Walter Meyer and associates. They have shipped a considerable tonnage of selected ores from superficial workings near the surface, the values being in gold and silver, they knowing nothing about molybdenum and tungsten contents until quite recently. Mr. Meyer was mine foreman during the operations of the war time period and superintendended the work. The property has 400-foot shaft now filled withwater to about the 100-foot level. The shaft is in good condition except the collar which has caved because it was raised above the solid ground and filled around with waste from the mine, A crosscut driven from the 200-level extends about 75 feet and assays of 1 per cent molybdenum were obtained. On the 400 the vein was 14 feet wide and assayed 1 per cent molybdenum, 1 per cent copper, .41 to 2 ounces gold and 6 ounces silver. No tungsten tests were made at that time but dump tests made since show the presence of tungsten.

*

EXHIBIT "B".

The Garnier, Garnier No. 1 and SILver Hill claims, located in the Maynard Mining District, Wallapai Mountains, 19 miles south and east of Kingman, were deeded to the Company free and clear of all incumbrance, in consideration of 500,000 shares of its stock.

The Garnier vein on the Garnier claim had been opened and proven for a distance of 1500 feet by open cuts, one 40 foot crosscut with 76 feet of drifting on the vein, one 75 foot adit tunnel, one 75 foot shaft, a 15 foot winze in the 75 foot adit tunnel and numerous shallow shafts and open cuts. These workings exposed the vein for approximately 1500 feet and showed it to be 3.13 feet average width with values running from a trace to as high as $154., the general average over a length of some ~~$12.37~~ 540 feet ~~to b~~ being a little better than $12.

$50,000. cash was offered for the property just prior to its purchase by the Company, the owners taking $50,000. worth of stock in lieu of the cash payments, which extended over a period of months.

C C Randall
Sec. & Treas

WALAPAI MTN. MINING Co ??
KINGMAN - AR.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: Telluride Chief Mine — Date: May 11, 1953.

District: ~~Cerbat (Hualapai)~~ Maynard (Hualpai) — Engineer: Geo. F. Reed

Subject: General Description & Present Status

Location and General Conditions:-

The Telluride Chief property is reached from Kingman by about 20 miles of graded road starting South-East on Highway 93, about 17 miles to the Jordan Ranch & Gold Standard Road, thence on this about 3 miles to a road to the right to the mine workings, visible about ½ mile up a canyon.

The two claims, called Telluride #1 & #2, are staked about end to end trending North-Westerly and the common end lines are centered almost on the common corner of four sections. These are Sec. 13 & 24, Twp. 20 N., and Range 15 W, and Sec. 18 & 19, Twp. 20 N, Range 14 W. They are in Mohave County. Elevation is about 5000 feet at the main workings.

Ownership:

The two claims, Telluride Chief #1 & #2, are held by location by Mrs. Evelyn Myers, widow of Walter Myers. She gets mail at Kingman, Arizona. No one is operating the claims at present. Edwin White, Kingman, just completed work to hold the claims for Mrs. ~~Myers~~ Meyers. P.O.Box 150, is Mrs. Meyers.

Geology & Topography:

The mine is in fairly rugged hills at an average elevation of about 5000 feet. The country rock appears to be an altered granite, somewhat gneissic, with some dikes and Pre-Cambrian? Schists. Branching, linked veins of quartz trend North-West and dip South-West at all angles from 45 degrees to vertical. Ore widths vary from a few inches to several feet. In the accessable workings, the iron is all oxidised and iron oxides and quartz are the pricipal minerals seen. Occassional brown Tungsten, probably Ferberite. Some places show green and blue copper carbonates. Ore from below water level shows a sprinkling of sulphides. Primary ore shows the following minerals in the quartz gangue: Scheelite, Ferberite, pyrite, sphalerite, galena, chalcopyrite, and molybdenite.

Ore:

All ore shipped from the property has been paid for as gold-silver ore. About seven carloads were shipped before World War II by Meyer and Associates. This is said to have averaged about $42.50 in gold and silver. The proportion of gold to Silver is not known. The above ore was estimated to run about 1.% WO3. A series of samples said to have been cut by an examining engineer for St. Anthony Min. & Devel. Co. showed from 0.25 to over 4.% WO3 on one surface vein over widths of about 3 feet and about 100 feet long. Generally speaking, the values are irregular. A surface showing to the North-West of the main workings showed Scheelite and a sample cut by me in 1950 assayed 0.05 oz. gold, 3.00 oz. silver and 1.51% WO3 across about 1½ feet. This has since been dug out. Another sample, unknown location, by me ran 0.02 oz. gold and 1.80 oz. silver, width 2½ feet. A sampling and assaying program would be necessary to determine how much ore shows.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Telluride Chief Date May 11, 1953

District Engineer

Subject:

Mine Workings:-

A vertical shaft, said to be 450 feet deep, is caved into a crater like hole at surface. The hole is full down about 25 feet from surface. Two 3 inch pipes protrude from the muck. Through one of these pipes some recent operators lowered a pump cylinder and pumped water for a small gravity mill. Meyers used to say the mine could produce enough water for a 100 ton mill. Workings off this shaft are said to be levels at 200, 300 and 400 feet. On the 200, there is said to be 800 feet of X-Cut to the South-West. This is said to have cut two main veins and some smaller ones. There is supposed to be about 100 feet of drifting. A cross-cut to the North-East 100 feet, more or less, from the 200 level would cut the veins opened in the adits on the surface. There are three short adits on the surface whose branching drifts and cross-cuts open the veins to less than fifty feet deep. There is a winze down about 30 feet in one adit. This shows a sprinkling of scheelite with ultra violet lamp.

History:

During World War I, I believe, a mill was built to recover Molybdenum, but all that remains is the concrete foundation. During the 1930s, Meyer and Co. mined and shipped 7 carloads of good gold-silver ore. In 1950 and 51, some Kingman people built a small gravity mill for Tungsten, but only ran a short time. At present, there is no equipment on the property.

For Sale:

Mrs. Meyer would like to sell or lease the property.

George F. Reed

*

Contact S. G. Hubbard
Kingman, Arizona.

HISTORY OF TELLURIDE CHIEF BETWEEN THE
FIRST REPORT IN 1917 AND THE LAST ENGINEER'S
REPORT WHICH WAS IN 1942

January 13, 1949.

~~Mr. R. H. Wade~~
~~1770 W. 4th St.,~~
~~San Bernardino,~~
~~California~~

~~Dear Mr. Wade:~~

I am enclosing two Engineer's reports on the property. One of these reports was made about the end of the First World War, the second report was made just before the second world war. First report was made when Molybdenite was high, and the mining was done with this in mind. The second report was made to obtain a $20,000. Government loan for a Tunsten property. The present owners turned down the loan of $20,000. as one of the stipulations was that the ore be hauled to the Boreana Tungsten Mill about 70 miles distance, and would have eaten up most of the profit.

The present owners have absolute confidence in the property, and are willing to give, with no down payment, an option for three months or more, to a resposible party, for engineer to examine the property. To further show the confidence they have, all payments for the mine are to be made solely from the royalties from the ore. Total price to be $100,000.

The following information is given to me by the owner, and covers the work done and results between the time of the first report and the second report; In 1917, The Company continued the shaft to 430 feet, and continued the crosscut on the 200 foot level to 600 feet with the following results:

600 FOOT CROSSCUT ON THE 200 FOOT LEVEL; They cut 9 seperate and distinct veins. Three of these being major veins of 4 ft wide or wider. The three main veins cut were called the Bernice (Discribed in the 1917 report. The second was the Josephine which carried gold silver and molybdenum. The third major vein was the "Number Nine" and was from 4 to 7 feet wide, heavy with lead.(Owner judged about 10%) and some zinc. All veins carried gold and silver. East of the station on this level, when they cut the station, they cut thru a vein of solid galena (Sulphide of lead) 18 to 20 inches wide. No attention was paid to this ore as lead was worth about 3 ¢ a lb.

300 FOOT LEVEL; Crosscut west and took out and milled 2000 tons of country rock which was impregnated with Molybdenum- ran 1½%.

400 FOOT LEVEL: Started crosscut west and struck large vein 14 ft. wide which ran .25 oz in gold; 8 oz in silver; 1½% tungsten; and 2 to 3 % in copper.

The mine was disbanded after the First world war, but water was pumped out for a year or so, and during that time, representatives from the Krupp Works in Germany examined the mine and offered $500,000. for the mine with a down payment of $125,000. The Company held out for a down payment of $250,000 and the deal fell thru.

In 1939, the present owners shipped 7 car loads of ore from workings close to the surface. Ore was shipped to Smelter and they were payed an average of $42.50 per ton for the Gold, silver & copper. (I have seen the Smelter returns on these shipments). The ore ran about 2% lead, but the Smelter did not pay for the lead. The Smelter was very anxious to get this ore and was willing to pay half the freight.

There are maps and assays available which may be used by your engineer, should you decide to examine the property. The upper workings and dumps can easily be examined. However, some one removed the top set of timbers and the ground has caved and the timbers closed the entrance to the shaft.

To rebuild the top of shaft and pump out the water and examine the mine will take some time and expense. I would judge it would take in the neighborhood of $5000. to get the mine ready for to produce ore.

I have endeavored to give you an accurate picture of the property to the best of my ability, and almost all of the facts given you in this letter, were given me by the owner, I believe them to be accurate. I do know that the 7 car loads they shipped averaged $42.50 per ton.

There is a good road to the property, but KINGMAN HAS HAD UNUSUAL WEATHER like the rest of the country, and it would be advisable to wait at least two weeks before coming to see the property. If you have any questions will be glad to try to answer them. If not interested in this mine would appreciate your reason, so that it will help me in locating something you are interested in.

Very truly yours

Si Hubbard

MT-1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Report by
A. Brodie Campbell

Date June 9, 1942

1. Mine Telluride Chief
2. Mining District & County Maynard Dist., Mojave Co.
3. Former name
4. Location 18 miles E of Kingman on E flank of Hualapai Mts.
5. Owner Walt. Meyer and associates
6. Address (Owner) P.O. Box 150, Kingman.
7. Operator " " "
8. Address (Operator) " "
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Wolframite, scheelite, copper gold, silver.
14. Men Employed
15. Production Rate None for tungsten
16. Mill: Type & Cap. None
17. Power: Amt. & Type None
18. Operations: Present Hi grading for copper gold and silver ore.
19. Operations Planned Develop for tungsten
20. Number Claims, Title, etc. 11 claims held by location.
21. Description: Topography & Geography Fairly rugged mountainous. Little timber. Elevation 5000'. Fair precipitation.
22. Mine Workings: Amt. & Condition Mine developed down to 450' by shaft that is caved. Several hundred feet of drifts and x-cuts at surface, 100', 200' and 300' levels. Only surface work is open.

(over)

23. Geology & Mineralization — Quartz veins from seams to 16" wide cutting throush granite country rock. Veins strike N-35-W and dip 80 SW. Another less prominent set strikes NE and dips W. Mineralization is principally scheelite with some wolframite copper oxides pyrite and molybdenite. Not very strong on tungsten minerals. Some gold and silver with copper ores.

24. Ore: Positive & Probable, Ore Dumps, Tailings — None

24-A Vein Width, Length, Value, etc. — Veins are tradeable for about 700'. Considerable faulting is evident.

25. Mine, Mill Equipment & Flow Sheet — None

26. Road Conditions, Route — Go 22 miles on road to Odle Ranch from Kingman. Mine is about ½ mile off road to west. Large old concrete foundations can be seen from the road. Good road.

27. Water Supply — Fair amount of water could be obtained from old caved workings.

28. Brief History — Started in 1915 as a molybdenum mine. Had 100 ton treatment plant on property, since removed, at end of war in 1918. Not operated except by high graders for copper gold and silver.

29. Special Problems, Reports Filed — Wilson, Tungsten deposits of Arizona.

30. Remarks — This property might make a small producer of tungsten . If the property is worked it would be advisable to start the new work on the NW. outcrops of the veins away from the old workings. The tungsten values seem to be stronger there.

31. If property for sale: Price, terms and address to negotiate. — See Walt. Meyer.

32. Signed.....

33. Use additional sheets if necessary.

MT-1

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
FIELD ENGINEERS REPORT

Date: November 11, 1939.

Mine: TELLURIDE CHIEF MINE - 11 claims

District: MAYNARD MINING DISTRICT Engineer: Elgin B. Holt.

Subject: Synopsis Report.

TELLURIDE CHIEF MINE - SYNOPSIS REPORT

LOCATED in Maynard Mining District, 20 miles southeast of Kingman, Arizona, in Mohave County.

OWNER: Walter Meyer & Co., P. O. Box 150, Kingman, Arizona.

DEV. WORK: One timbered vertical shaft 450 feet deep, caved at collar. Levels at 200, 300 and 400 feet depth. On 200 ft. level there is 800 ft. of crosscutting, intersecting 2 major veins and 7 veinlets, with 100 feet of drifts on 2 major veins.

CHARACTER OF ORE: Molybdenite, tungsten, gold, copper, silver, lead.

MILL: A mill was erected at property by Standard Minerals Company of Anaheim, California, having capacity of 100 tons daily, to recover molybdenite from the ore by flotation. Plant was of poor design and did not get good results. However, this plant milled considerable molybdenite ore found in country rock removed from veins; but no attempt was made to work the veins in order to recover other values mentioned. Mill operated from Jan. 1916 to Nov. 1918.

VEINS: Two major East-West veins 50 feet apart; strike N.W. - S.E. Dip 65 deg. SW. Formation - pre-Cambrian granite complex.

ORE SHIPPED FROM VEINS: Seven cars of ore were shipped from surface working assaying around $42.50 per ton in gold and silver, plus about 1% Wolframite and some Molybdenite. These veins were not opened from shaft by crosscuts, as all crosscuts from shaft were driven southwest away from the said surface veins. A 75 ft. crosscut on 200 ft. level of shaft would cut the West vein.

Property has all the earmarks of a mine that would supply a 100-ton mill for a number of years; and I believe a great deal of money can be made in operating this property, providing the same can be adequately financed, equipped and managed. Mainly, it will be necessary to work out a process whereby all metallic values can be recovered in marketable form.

WATER: Mr. Meyers states that there is ample water in shaft to supply a 100-ton flotation mill. Excellent graded dirt road leads to property from Kingman. Climatic conditions excellent the year round.

MT-1

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Mine Owner's Report

Date: June 22, 1939

1. Mine: TELLURIDE CHIEF MINE

2. Location: 20 miles southeast of Kingman, Arizona.

3. Mining District & County: Maynard Mining District, Mohave County, Arizona.

4. Former Name: Standa d Minerals Co.

5. Owners: Walter Meyer, F. C. Walker, J. M. Cochrane & Mrs. O.W.Little

6. Address (Owners): Kingman,Arizona.

7. Operator:

8. Address (Operator):

9. President, Owning Co:

9A. President, Operating Co:

10. Gen. Mgr:

14. Principal Minerals: Gold, Silver, Molybdenum and Tungsten.

11. Mine Supt:

15. Production Rate:

12. Mill Supt:

16. Mill - Type & Cap:

13. Men Employed:

17. Power - Amt. & Type:

18. Operations - Present:

19. Operations - Planned:

20. Number Claims, Title, etc: 11 claims, clear title.

21. Description - Topography & Geography:

22. Mine Workings - Amt. & Condition: Surface workings, about 750 ft.
Shaft 450 feet vertical
800 feet of crosscutting on 200 ft. level
Crosscut on 300 ft. level
Station and short crosscut on 400 ft.level
Collar of shaft caved.

(Over)

23. Geology & Mineralization:

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

24A. Dimensions and Value of Ore body:

25. Mine, Mill Equipment & Flow-Sheet:

26. Road Conditions, Route: Very good road.

27. Water Supply: Ample water for 100 ton mill.

28. Brief History: Property was operated during the World War for molybdenum. Present owners have shipped 7 carloads of $40.00 gold and silver ore, plus about 1% wolframite and some molybdenite. These veins were not opened from shaft by crosscuts.

29. Special Problems, Reports Filed:

30. Remarks: Owners have underground and assay map of new workings.

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

For sale - For price and terms, write
Mr. Walter Meyer, Kingman, Arizona

32. Signature: (Signed) WALTER MEYER

COPY

Kingman, Arizona, January 10, 1942

Mr. J. S. Coupal,
Arizona Department of Mineral Resources,
Phoenix, Arizona.

Dear Mr. Coupal:

As per your request, I am giving you all the information to the best of my ability as to the size of the ore bodies so far developed, the values and the amount of work in the main shaft of the Telluride Chief Mine. All this work was done prior to January 1, 1919.

The vertical shaft is 450 feet deep, with the first station cut on the 200-level; from this station a crosscut 600 feet long extends to the west, showing nine different veins, three of them major veins, known as the Bernice, Josephine and the No. 9. Both the Bernice and the No. 9 had some drifting on them showing very good molybdenite, gold, silver and copper. At that time the management did not know of the tungsten content of the different veins on the 200, 300 and 400 foot levels. They were trying to operate the property only for molybdenum and at the present metal values from $10 to $12 gold and silver. The Bernice vein has a width of six feet in the face of the drift; the No. 9 from four to seven feet. This is plus the tungsten content; the dumps show up very satisfactorily under the violet ray lamp.

On the 300-foot level the old company drifted and stoped about 2,000 tons of molybdenum ore from a width of around eight feet and milled it in their 100-ton plant. The milling operations were begun just about one month before the close of the World War No. 1, after which the price of molybdenum decreased to such extent that the company had to close the mine,but kept the water pumped out for more than a year after that.

On the 400-foot level they opened quite a large vein assaying 1½% molybdenum, .12 to .20 ounces gold and 8 ounces silver and about 1% copper. The dump on the surface from this vein shows very nice scheelite under the lamp.

The new ore bodies the present owners have opened and to date have shipped seven carloads of high-grade gold, silver and copper ore, have never been opened from any of the levels of the meain shaft and this ore body so far developed shows much better tungsten values than the vein to the west of the shaft. The tungsten content in present shipping ore will average 2 per cent. Of course we do not get pay for the tungsten at the smelter. This ore could be opened up very easily from the three levels in the main shaft which would add many thousands of tons to the present supply.

In my estimation, the cost of retimbering the collar of the shaft and dewater same at about $3,000, not including the price of the compressor and pumps. There is ample water for more than a 100-ton plant. There is a very good road to the mine.

A five ton lot sample taken by Mr. Langley from the surface and shipped to Tucson gave tungsten returns of 1½ per cent, plus the gold and silver. The new crosscut on the No. 9 vein shows 2½ feet of very nice tungsten ore and the new workings a quarter of a mile north of the present workings show very nice ore in tungsten, gold and silver.

Trusting this information is satisfactory,

Very truly,

(Signed) WALTER MEYER

MT-1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Report by
A. Brodie Campbell

Date June 9, 1942

1. Mine Telluride Chief

2. Mining District & County Maynard Dist., Mojave Co.

3. Former name

4. Location 18 miles E of Kingman on E flank of Hualapai Mts.

5. Owner Walt. Meyer and associates

6. Address (Owner) P.O. Box 150, Kingman.

7. Operator " " "

8. Address (Operator) " "

9. President

10. Gen. Mgr.

11. Mine Supt.

12. Mill Supt.

13. Principal Metals Wolframite, scheelite, copper gold, silver.

14. Men Employed

15. Production Rate None for tungsten

16. Mill: Type & Cap. None

17. Power: Amt. & Type None

18. Operations: Present Hi grading for copper gold and silver ore.

19. Operations Planned Develop for tungsten

20. Number Claims, Title, etc. 11 claims held by location.

21. Description: Topography & Geography Fairly rugged mountainous. Little timber. Elevation 5000'. Fair precipitation.

22. Mine Workings: Amt. & Condition Mine developed down to 450' by shaft that is caved. Several hundred feet of drifts and x-cuts at surface, 100', 200' and 300' levels. Only surface work is open.

(over)

23. Geology & Mineralization Quartz veins from seams to 16" wide cutting through granite country rock. Veins strike N-35-W and dip 80 SW. Another less prominent set strikes NE and dips W. Mineralization is principally scheelite with some wolframite copper oxides pyrite and molybdenite. Not very strong on tungsten minerals. Some gold and silver with copper ores.

24. Ore: Positive & Probable, Ore Dumps, Tailings None

24-A Vein Width, Length, Value, etc. Veins are tradeable for about 700'. Considerable faulting is evident.

25. Mine, Mill Equipment & Flow Sheet None

26. Road Conditions, Route Go 22 miles on road to Odle Ranch from Kingman. Mine is about ½ mile off road to west. Large old concrete foundations can be seen from the road. Good road.

27. Water Supply Fair amount of water could be obtained from old caved workings.

28. Brief History Started in 1915 as a molybdenum mine. Had 100 ton treatment plant on property, since removed, at end of war in 1918. Not operated except by high graders for copper gold and silver.

29. Special Problems, Reports Filed Wilson, Tungsten deposits of Arizona.

30. Remarks This property might make a small producer of tuhgsten . If the property is worked it would be advisable to start the new work on the NW. outcrops of the veins away from the old workings. The tungsten values seem to be stronger there.

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

32. Signed.....

33. Use additional sheets if necessary.

MR-1

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

OWNERS MINE REPORT

Report by
A. Brodie Campbell

Date June 9, 1942

1. Mine Telluride Chief

2. Mining District & County Maynard Dist., Mojave Co.

3. Former name

4. Location 18 miles E of Kingman on E flank of Hualapai Mts.

5. Owner Walt. Meyer and associates

6. Address (Owner) P.O. Box 150, Kingman.

7. Operator " " "

8. Address (Operator) " "

9. President

10. Gen. Mgr.

11. Mine Supt.

12. Mill Supt.

13. Principal Metals Wolframite, scheelite, copper gold, silver.

14. Men Employed

15. Production Rate None for tungsten

16. Mill: Type & Cap. None

17. Power: Amt. & Type None

18. Operations: Present Mi grading for copper gold and silver ore.

19. Operations Planned Develop for tungsten

20. Number Claims, Title, etc. 11 claims held by location.

21. Description: Topography & Geography Fairly rugged mountainous. Little timber. Elevation 5000', Fair precipitation.

22. Mine Workings: Amt. & Condition Mine developed down to 400' by shaft that is caved. Several hundred feet of drifts and x-cuts at surface, 100', 300' and 500' levels. Only surface work is open.

(over)

23. Geology & Mineralization Quartz veins from seams to 16" wide cutting through granite country rock. Veins strike N-35-W and dip 60 SW. Another less prominent set strikes NE and dips W. Mineralization is principally scheelite with some wolframite copper oxides pyrite and molybdenite. Not very strong on tungsten minerals. Some gold and silver with copper ores.

24. Ore: Positive & Probable, Ore Dumps, Tailings None

24-A Vein Width, Length, Value, etc. Veins are tradeable for about 700'. Considerable faulting is evident.

25. Mine, Mill Equipment & Flow Sheet None

26. Road Conditions, Route Go 22 miles on road to Odle Ranch from Kingman. Mine is about ½ mile off road to west. Large old concrete foundations can be seen from the road. Good road.

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33. Use additional sheets if necessary.

COPY

ASSAYS -- 50 Pound Samples -- MAP.

No. Sample	Au.	Ag.	Pb.	Mo.	WO	Cu.	Width
141	.04	2.35			.84		2' 3"
143	.60	76.3	1.75	.68	1.01		2' 6"
145	.46	7.7			1.25		3' 6"
161	.26	3.85	0.55	.25	.85		2' 3"
162	.21	.85	0.1	.22	.05	.10	3' 5"
163	.23	3.45	1.5	.74	.04	.20	2' 8"
164	.04	3.55	1.7	.61	.04	.30	2' 6"
165	.08	11.8		.20	.05		2' 6"
166	.03	1.40		.18	.29	.	1' 6"
167	.14	7.10	1.2	.27	.23		2' 9"
168	.03	2.25	.1	.33	4.40		2' 6"
169	.02	1.20		.22	.10		4'
170	.01	.80			.05		5'
171	.01	.35		.10	003		3' 5"
172	.01	.56			.35		10"
173	Tr.	.30			.10		1' 6"
174	.14	7.55			.90		1' 1"
175	.01	1.05	.01	.235	.05		2' 6"
176	.21	1.60	.2	.25	.04		2' 9"
177	.01	1.05		.10	.03		2'
178	.27	18.90	.6	.63	1.00	4.5	3'
144	.03	.13		.19	.11		Dump Sample
179	Tr.	2.20		.81	Tr.		Dump Sample

*

MT-1 TELLURIDE CHIEF, [illegible]ter Meyer, Kingman, Arizona

Your name and address has been furnished to -

Edward Smith, Box 1923, Phoenix, Arizona

who has made inquiry for the same with reference to mining property listed with the Department of Mineral Resources

DEPARTMENT OF MINERAL RESOURCES

J. [illegible]. Coupal, Director

MT-1 TELLURIDE CHIEF MINE - Walter Meyer, Kingman, Arizona

Copy of Mine Owners Report covering property listed with the Department of Mineral Resources has been furnished to -

Samuel H. Smith,
736 No. Orange Grove Ave., Los Angeles (Hollywood) Calif.

DEPARTMENT OF MINERAL RESOURCES
J. S. Coupal, Director

COPY

TELLURIDE CHIEF MINES

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Brief Resume of History and Operations:

The property was originally developed during the first world war for its molybdenum contents. A flotation mill was installed and proved inefficient. In 1918 flotation was largely experimental. The "Armistice" followed and the callapse of the market resulted. The property was abandoned by the owners. Later the property was located by Walter Meyer and associates. They have shipped a considerable tonnage of selected ores from superficial workings near the surface, the values being in gold and silver, they knowing nothing about molybdenum and tungsten contents until quite recently. Mr. Meyer was mine foreman during the operations of the war time period and superintendended the work. The property has 400-foot shaft now filled withwater to about the 100-foot level. The shaft is in good condition except the collar which has caved because it was raised above the solid ground and filled around with waste from the mine, A crosscut driven from the 200-level extends about 75 feet and assays of 1 per cent molybdenum were obtained. On the 400 the vein was 14 feet wide and assayed 1 per cent molybdenum, 1 per cent copper, .41 to 2 ounces gold and 6 ounces silver. No tungsten tests were made at that time but dump tests made since show the presence of tungsten.

*

concentrate that will be extremely desirable to the purchasers in as much as a complete removal of the copper has been accomplished.

One sample af about 200 lbs was taken as being representative of the ores in the various veins opened on the 200 ft. level. This sample showed a molybenite content of 1.10% and the various tests made upon it showed actual recoveries of from 86 to 90.26% with the copper content in the concentrates less than .055.

A second marketable product recovering the gold, silver and copper values in the ore will also result from the use of the flotation process.

MINERALOGY: In the upper zones of the various veins, the various primary minerals are totally lacking, having been oxidized by atmospheric agencies and the various secondary minerals having been formed. As was mentioned earlier in this report, the first sulphides in the shaft were found at the depth of about 70 feet. These consisted of the secondary copper sulphides, also iron pyrite. Molybdenite is a primary mineral and has its origin in granites, and the occurence of this mineral together with the occurence of the other primary sulphides of copper, lead and zinc, may be considered as pointing to the deep-seated origin of the ores.

RECOMMENDATIONS: In view of the number of veins that have been discovered by the work on the 200 foot level, with their values over width that will permit the use of economical mining methods, their continuity vertically and along their strike, it is recommended that machinery be installed for the more economical carrying out of further work.

The further work as planned will include sinking of the present shaft to lower levels in order to permit of the exploration of the veins opened on the 200 foot level, and the continuation of drifting and crosscutting on the 200 foot level together with the driving of the necessary raises. The mechanical equipment for this work should include an air compressor of about 500 cu. ft. capacity together with drills, a station and sinking pump.

With the prosecution of the work of exploring the lower levels should be carried on the erection of a plant for the treatment of the ores. There are now on the dump approximately 2,000 tons of millable ore and the erection of a mill at this time would be amply justified. An oil flotation plant capable of treating 50 tons per day of the ore can, at present prices of machinery and supplies, be erected at a cost of about $20,000.

The proper design of the first unit of such a plant will allow the doubling of its capacity at a cost of about $10,000.

Respectfully submitted,

(Signed) Roy L. Cornell