



## **CONTACT INFORMATION**

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Arizona Department of Mines and Mineral Resources Mining Collection

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The following information is on the **Gold Belt** section of the Morenci mine, approximately 4 miles west of Morenci, Arizona.

Covers 1940 – 1958.

NAME OF MINE: GOLD BELT  
OWNER:

COUNTY: Greenlee  
DISTRICT:  
METALS: Au

OPERATOR AND ADDRESS

MINE STATUS

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
2/47	Mike Miscati, Clifton	2/47	Shipping

DEPARTMENT OF MINERAL RESOURCES

News Items

Date August 3, 1939.

Mine Gold Belt

Location 4 Miles West of Morenci

Owner James Horton

Address ? Tennessee

Leased to Mike Moscatto & G.I. Pace

Operating Co. Clifton, Arizona.

Address \_\_\_\_\_

Pres. \_\_\_\_\_

Genl. Mgr. \_\_\_\_\_

Mine Supt. \_\_\_\_\_

Mill Supt. \_\_\_\_\_

Principal Metals Gold and silver

Men Employed 4

Production Rate \_\_\_\_\_

Mill, Type & Capacity \_\_\_\_\_

Power, Amt. & Type \_\_\_\_\_

Signed Wendell [Signature]

(Over)



Present Operations: Have already shipped some ore, and are continuing to mine for further shipments.

Date August 3, 1933

New Work Planned

Misc. Notes

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

~~December-10,-1957~~

February 18, 1958

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

GOLD BELT  
(Property)

GOLD SILVER COPPER  
(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report



REASON  
 Unpaid  
 U  
 In  
 Mr. d. Left no  
 No such office  
 Do not remain  
 POSTAGE DUE 2 CENTS

Mr. James M. Horton  
 Henderson, Tenn.

By: Lewis A. Smith

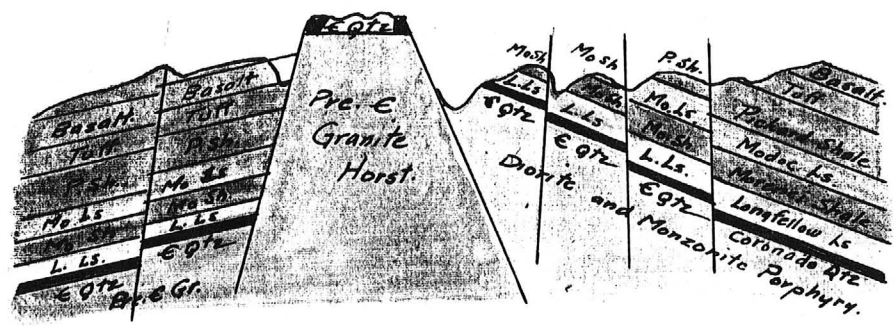
Herewith is a preliminary report on the Horton property  
five miles west of Morenci, Arizona:

LOCATION

This property comprises a group of 20 mining claims located  
approximately five miles west of Morenci, Arizona. It lies adjacent  
to the properties of the Phelps Dodge Corporation and Dover Copper  
Company. The accompanying <sup>Map</sup> plan (I) shows the <sup>Location</sup> layout of the claims.  
(See Dover Cu Co. Claim Map file)

GENERAL GEOLOGY

The geology of the area comprises a series of sedimentary  
formations pitching to the southwest and overlying Monzonite Porphyry  
bordering a large granite Horst on the north. (See typical section  
below).



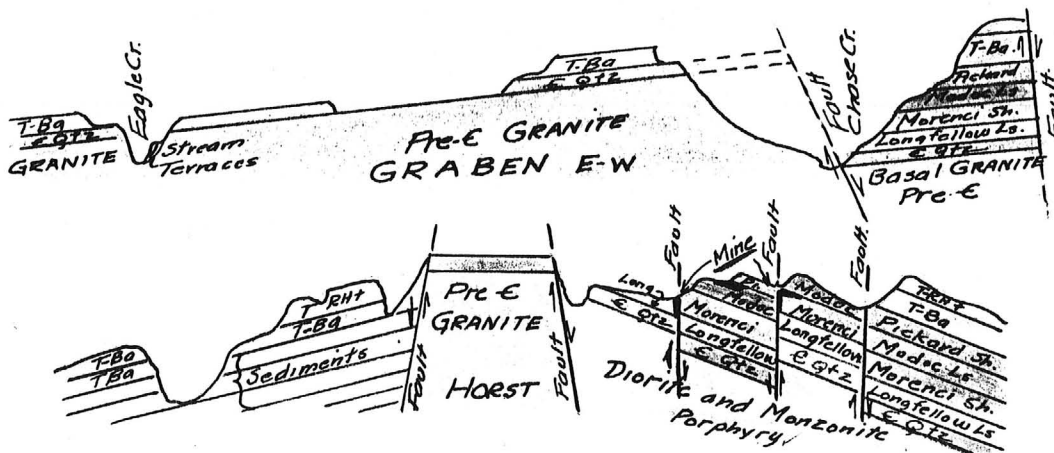
The Horst is paralleled by a series of well developed step faults  
stepping off to the south and to the north away from the Horst. The  
series of formation in the area comprise the following: (From bottom  
to top).

1. Monzonite and Diorite Porphyrys
2. Cambrian Quartzite(Coronado Quartzite)
3. Ordovician Limestone(Longfellow Limestone)
4. Devonian(Morenci Shale)
5. Carboniferous Limestone and Shale(Modoc Formation)
6. Cretaceous Shale(Pickard Shale)
7. Tertiary Lavas(Basalt and Rhyolitic Tuff)
8. Quaternary (Stream Terraces and Weathered Detrital Material)

The se formations are badly disrupted by faulting but ,in general,may be considered a continuation of the Morenci Sedimentary Series,which extend from Bunkers nearly to Eagle Creek, on the south border of the Horst.They occupy an area of approximately six miles in length and more than a mile in width.

STRUCTURAL GEOLOGY

The central geologic feature in the area is an enormous Horst,which is a wedge(in a large Graben) thrust up through the porphyrys and sedimentaries with a maximum throw of about 1500 feet.Erosion has removed all of the sedimentary series from the Horst with the exception of from 0 to 40 feet of Cambrian Quartzite (See accompanying sections which follow)



Page 3  
Report on Horton Group of Claims

From these sections the general structure can be seen. It is to be noted in Section I that the sedimentary series pitches about  $35^{\circ}$  to the southwest and strikes approximately  $N 45^{\circ} W$ , and disappears to the southwest under the Eagle Creek Volcanic Series. Nearly all of the faults shown above are vertical and parallel to the faults bordering the Horst, and are characterized by strong walls. These faults contain quartz veins replacing the limestone. The veins contain hematite, limonite and manganese dioxide, and run as high as \$30.00 per ton in gold over a three foot width. In a few cases narrower veins run considerably higher. Lead and zinc are found replacing favorable limestone beds. In one place in the center of the area, relatively extensive replacement deposits in limestone and shale contain copper-bearing Wad. Considerable profitable mining was done in 1917 and 1918 when the price of copper was high. The Wad carries about 20% manganese <sup>6-8% Cu as Melanconite</sup> and very low silica. The reserves of this material are approximately 40,000 tons. In case of serious need, such as might arise during a war, this low-grade manganese ore might be of some value as an iron flux. It is too low-grade to be of use in batteries or in the manufacture of ferro-manganese. In places this Wad ore contains considerable amounts of Chrysocolla and possibly some Melanconite, but thus far sulphides of copper have not been recognized. Due to the fact that the sediments in this section are relatively thin the replaceable area for future development is necessarily limited. Epidotization and Kaolinization accompany the other mineralization.

Report on Horton Group of Claims

However, in the eastern part of the area the sediments become more widespread and considerably thicker, offering more chance for future development. Here, only relatively minor development has occurred on the quartz veins along the large faults which parallel the Horst and cut vertically through the sedimentaries. The prospecting of favorable replaceable limestone beds has not been done thus far. It is to be recommended that this be done.

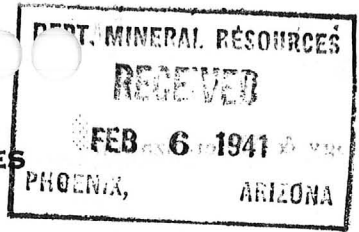
Due to the limited time spent in the area, it was not possible to properly work out the north-south series of faults, which probably would act as dams to the mineralizing solutions across the larger east-west faults, causing local concentrations. Another favorable prospecting locality would be on the contact between the porphyry and the sedimentary series.

CONCLUSION

It is recommended that more detailed work be done in order to more definitely establish existing possibilities in this area. The present examination was necessarily cursory. It is to be noted that there will be a market for the siliceous gold ores at the new Phelps Dodge smelter at Morenci in the near future.

*Later (1957) Claims were examined by Phelps Dodge Geologists and reported favorably. Whether the option was exercised is not known.*

46-66



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

Date Oct 17, 1940

- 1. Mine *Gold Belt*
- 2. Location *4 miles west of*
- 3. Mining District & County *Clifton-Moencoc Moencoc*
- 4. Former name *Gold Belt Greenlee County*
- 5. Owner *James M. Horton*
- 6. Address (Owner) *Benderson Ten*
- 7. Operator *G. L. Pace*
- 8. Address (Operator) *Moencoc Ariz*
- 9. President, Owing Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals *Gold Silver Cop*
- 15. Production Rate *2500 30 tons per*
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Men Employed *3 sub-leasers*
- 18. Operations: Present

19. Operations: Planned *modern compressor in use will make several shipment from new tunnel on vein. all veins continue for another 10 feet, now will start sinking to another level.*

20. Number Claims, Title, etc. *19, Gold Belt 1-2-3-4-5-6-7-8-9-10-11-12  
Comstock 2-3-4-5-11-12  
Elcapitan - Bonanza - Sarah A Terry*

21. Description: Topography & Geography

22. Mine Workings: Amt. & Condition *Some 3000 feet of shafts tunnel drifts and stops, some of old working in bad working condition. No headframe at present at*



24. Ore: Positive & Probable, Ore Dumps, Tailings *one at old stamp mill \$14 value*  
*Small dump at west Elcapitan 19.30*  
*22% copper in old digging - pocket, -*

24A. Dimensions and Value of Ore body *at present wears ship amount 100000*  
*th's more range from 18 in to 4 ft. and requires some sorting*  
*possible 10% other digging larger veins but lower*  
*value.*

25. Mine, Mill Equipment & Flow-Sheet *remains of old stamp mill*  
*on premises*

26. Road Conditions, Route *private road used only by light*  
*trucks and cars. 3 1/2 miles north west of county*  
*road.*

27. Water Supply *Spring not developed but*  
*year around water for domestic use and*  
*primary mining purposes.*

28. Brief History *second burmese find at Clifton but*  
*property has produced better than half*  
*million dollars in profit*

29. Special Problems, Reports Filed *roads - distance from smelter*  
*haulage expense. - water for milling*

30. Remarks *all patented claims - not one place to find*  
*shipping one but dozens. with new custom smelter*  
*at Morenci I am safe in saying 30 places will be*  
*profitable*

31. If property for sale: Price, terms and address to negotiate. *asking one hundred thousand do*  
*James M. Houston*  
*Henderson Tenn. will make terms of sale*

32. Signature *G. H. Peck*

33. Use additional sheets if necessary. *Morse*  
*Ariz*

MG-66

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

Arizona Department of Mineral Resources

Date Oct. 10, 1940

1. Mine **Gold Belt** 2. Location **4 miles West of Morenci, Arizona**

3. Mining District & County **Clifton Morenci**

4. Former name **Gold Belt**

5. Owner **James M. Horton** 6. Address (Owner) **Henderson, Tenn.**

7. Operator **G. I. Pace** 8. Address (Operator) **Morenci, Arizona**

9. President, Owing Co. 9A. President, Operating Co.

10. Gen. Mgr. 14. Principal Minerals **Gold, Silver, Copper**

11. Mine Supt. 15. Production Rate **25 or 30 ton per month.**

12. Mill Supt. 16. Mill: Type & Cap.

13. Men Employed **3 sub lessers.** 17. Power: Amt. & Type

18. Operations: **Present**

19. Operations: **Planned** Modern compressor in use. Will make several shipments from new tunnel on vein. If values continue for another 100 feet. We will start sinking to another level.

20. Number Claims, Title, etc. **19-Gold Belt 1-2-3-4-5-6-7-8-9-10**  
**Comstock-2-3-4-5-11-12**  
**Elcapeton-Bonanza-Sarah A. Terry.**

21. Description: **Topography & Geography**

22. Mine Workings: Amt. & Condition **Some 3000 feet of shafts, tunnels, drifts, and stopes. Some of old working in bad working condition. No head-frame at present at shafts--most tunnels and drifts in good condition. The mines are dry and can be examined in short order.**

Ore: Positive & Probable, Ore Dumps, Tailings  
Ore at old stamp mill \$14 value.  
Small dump at West Elcapeton-\$9.30  
22% copper in old digging--pockety.--

A. Dimensions and Value of Ore body  
At present we are shipping around 1 oz. of Gold ore-  
The vein ranges from 18 inches to 4 feet, and  
requires some sorting-possibly 10%. Other diggings,  
larger veins, but lower values.

B. Mine, Mill Equipment & Flow-Sheet  
Remains of Old Stamp Mill on premises.

C. Road Conditions, Route  
Private road used only by light trucks and cars. 3 1/2 miles  
Northwest of county road.

D. Water Supply  
Spring not developed but year around water for domestic use, and  
primary mining purposes.

E. Brief History  
Record burned in fire at Clifton, but property has produced better  
than half million dollars in past.

F. Special Problems, Reports Filed  
Roads--distance from Smelter--handling expense--water for  
milling.

G. Remarks  
All patented claims--not one place to find shipping ore, but dozens. With  
new custom smelter at Morenci, I am safe in saying 50 places will be  
profitable.

H. If property for sale: Price, terms and address to negotiate.  
Asking \$100,000 James M. Horton, Henderson Term.  
Will make terms for sale.  
Signature... (Signed) G. I. Pace  
Morenci, Arizona

I. Use additional sheets if necessary.

The following information is on the **New York and Arizona** section of the Morenci mine, approximately 3 miles west of Morenci, Arizona.

Covers 1939 – 1980.

June 5, 1980

Mr. David Kinsman  
9961 Warshire Drive  
St. Louis, Missouri 63132

Dear Mr. Kensman:

Enclosed are copies of reports, etc. from the New York and Arizona Gold and Copper Company file that is in our office.

I have also enclosed copies of pages from the Copper Handbook and the Mines Handbook which list information concerning the same company.

If there is any other help that we can give you please do not hesitate to let me know.

Sincerely,

Ann Turney  
Administrative Assistant

Enclosures

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine New York & Arizona Group

Date July 9, 1956

District Gold Mt. District, Greenlee Co.

Engineer Axel L. Johnson

Subject: Present Status.

Location 3 miles west of Morenci.

Number of Claims 26 ~~unpatented~~ claims. Some reported to be patented.

Owner Harry Cansler, Silver City, N. Mex. (D. M. Cansler, Morenci, Ariz., former partner, is now deceased.)

Operator None. Mine is idle.

Principal Minerals Gold, Silver, Lead, Copper.



January 18, 1944

Mr. M. F. Graupner  
155 South Grand Avenue  
Los Angeles (12), California

Dear Mr. Graupner:

Many thanks for your letter of January 13.

I read your letter with interest and am sorry that you were disappointed in your examination of the Cansler Mine. Your letter will be placed in the file regarding that mine and if anyone asks confidential information I will see that they get it.

Properties are oft-times misrepresented in order to create interest and this has a very bad effect on the whole mining industry.

Most of the properties that are idle call for additional development work and it is very seldom that you find a property of blocked ore of commercial grade ready for mining.

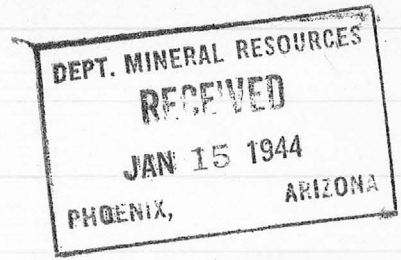
Very truly yours,

J. S. Coupal  
Director

JSC:JES

115 So. Grand Ave., Los Angeles 12,  
Calif. Jan. 13th 1944.

Mr. E. Coupal.  
413 Home Builders Bldg.  
Phoenix, Ariz.



Dear Sir:

I think you will be interested to learn what I found, when I went to Morenci recently, to see what old man D. M. Casler has in his mining claims 4 mi east of town.

He thought 30 days would be required to make an examination. He had claimed and a photostatic reproduction of a newspaper article of 40 years ago, stated, that about 800 feet in a tunnel from the portal, that there was a 10 foot vein of \$100<sup>00</sup> gold ore. On another claim there was a 4 ft vein of 15% copper ore in a shaft.

When I was taken out in Mr. G. A. Pace's auto to have a look at the tunnel, said to be 1200 in length and no ore mined out.



2) Mr. G. I. Pace has leased this property for several years and stated that he can ship \$20.00 at a profit.

I found about 5,000 feet of tunnel cross drifts, raised and wyes, one wing down about 100' but no ladder down into it, merely a hole.

Mr. Pace showed me several places where he sampled and he got \$4. and \$5. assays.

I took no samples, because I learned out there that 40 yrs ago they had a mill and four cam shafts still stand as evidence.

Naturally, all ores of \$6 or \$8. per ton were mined and milled and having gutted the mine they abandoned it.

Hence: sampling - for me - was useless, because, now much money must be spent to try to find more milling grade ore; by sinking shafts etc; and constructing a mill etc.

There should be a law to prosecute such liars as Casler.

Mr. G. I. Pace works as a painter

#3) for Phelps Dodge Co.  
address: P. O. Box 278, Morenci

Very truly yours,  
M. F. Graupner

P.S. D. M. Casler now lives at 129  
N. 3rd Ave, Tucson, Ariz.

P.S. Instead of the M. F. G.  
4" of 15% copper ore in the shaft  
Mr. Pace said there were only a  
few stringers of ore.

30 December 1941

Mr. D. M. Cansler,  
Box 344,  
Morenci, Arizona.

My dear Mr. Cansler:

Our records show that on August 20, 1940, we wrote you advising that letter and assay sheets sent for our information were being returned to you.

I find that we still have such papers in our files and that copies were made and attached to mine owners report covering the NEW YORK & ARIZONA GROUP. We may have returned one set of these to you, but thinking that perhaps the return was never made, I am enclosing herewith the set found in our files.

With best wishes for the New Year, I am

Yours very truly,

J. S. Coupal

JSC-jrf  
encls.

Registered Mail  
Return Receipt Requested.



August 20, 1940

Mr. D. M. Cansler,  
Box 344,  
Morenci, Arizona.

Dear Mr. Cansler:

I am returning herewith letter and assay sheets which you sent for our information. Copies of these have been attached to mine owners report covering the New York and Arizona Group.

I am also enclosing a copy of a report of Newt Wolcott's on this property and I am today mailing copy to Mr. M. F. Graufner, 115 South Grand Avenue, Los Angeles, California.

Assuring you of my desire to be helpful,

I am

Yours very truly,

J. S. Coupal,  
Director.

JSC-aam

Enclosures.

I R A L. W R I G H T

Mining Engineer

P. O. Box 774

Engineering and Assay Office 108 W. Yankie St.

Mr. H. M. Cansler

CITY

Your samples were assayed with the following results:

Gold oz.	silver oz.	copper %		
.78	1.92	.2	G	27.30
			S	<u>1.47</u>
				28.77

Date 1-22-37

/sd/ IRA L. WRIGHT  
PJC Chemist

PHELPS DODGE CORPORATION

(REDUCTION WORKS)

ASSAY AND ANALYSIS CERTIFICATE

Douglas, Arizona Feb. 24, 1937

NAME D.M.Cansler, Box 344, Morenci, Arizona

---

Smelter Lot	Gold ozs.	Silver ozs.	Copper %	Zn. %	
H 42	0.750	1.61	0.04	G	26.25
				S	<u>1.23</u>
					27.48

/sd/ Lush  
Chemist

HAWLEY & HAWLEY

W. E. Hawley, Mgr.

Douglas, Arizona  
537 12th Street,  
Box 151

We hereby certify that the following were obtained from samples of Mr. D. M. Cansler

Office No.	Gold ozs.	Silver ozs.	Gold value	Silver value	Total value
126554	.70	1.8	\$24.50	1.39	25.89

Metal Quotations -

Gold \$35.00 per oz.  
Silver .77 per oz.

Charges: \$1.00 paid

HAWLEY & HAWLEY

per /sd/ W. E. HAWLEY Assayer

M. A. R A N D A L L

ASSAYER and CHEMIST

EL PASO, TEXAS

Feb. 24, 1937

ASSAY CERTIFICATE

FOR: El Paso Smelting Works,

MARKED: Mr. D. M. Consler (Consler)

<u>My No.</u>	<u>Gold</u> <u>ozs. per ton</u>	<u>Silver</u> <u>ozs. per ton</u>	<u>Copper</u>	<u>Insol</u>	<u>Approximate</u> <u>value per ton</u>
160-C 799	0.65	1.9	Trace	80.4	24.28

/sd/ M. A. RANDALL ASSAYER



I R A L. W R I G H T

MINING ENGINEER

\*

P. O. Box 774

Engineering and Assay Office 108 W. Yankee Street

SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

H. M. CANSLER

City

Your samples were assayed with the following results:

---

DESCRIPTION OF SAMPLE	Gold Oz.	Silver Oz.	
	.84	1.78	
Gold	30.40		
Silver	<u>1.24</u>		31.64
	\$31.64		

---

DATE 2-18-37

/sd/ IRA L. WRIGHT  
P.J.C. Chemist

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona, 3-5-37

---

DESCRIPTION	Oz.	Oz.				
	Gold per T.	Silver per T.	G	S		
2/23 D. M. Cansler	0.81	3.2	28.35	2.46	30	80

Charges: \$1.00

/sd/ W.W. McMillen

LESLIE K. GOFORTH  
ASSAYING AND SURVEYING  
Office 602 N. Bullard Phone 47  
SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

Mr. Harry Cawler,

City.

YOUR SAMPLES WERE ASSAYED WITH THE FOLLOWING RESULTS:

DESCRIPTION OF SAMPLE	Values per ton						
	GOLD Oz.	SILVER OZ.	COPPER %	LEAD %	AU	AG	PB
	0.48	11.13	N11	1.00	\$16.80	\$8.60	\$1.05

Gold at \$35.00 per oz  
Silver at .77 per oz.  
Lead at .0525 per lb.

TOTAL \$26.45

Thank you

DATE: 12/10/36

/sd/ LESLIE K. GOFORTH  
Chemist

HAWLEY & HAWLEY

W. E. Hawley, Manager

Douglas, Arizona  
537 12th Street  
Box 151

We hereby certify that the following results were obtained from samples of

MR. D. M. Cansler

Office No.	Marked	Gold ozs	Silver ozs.	Gold Value	Silver Value
120448		.69	0.2	\$24.15	0.15

CORRECTION

Gold \$35.00 per oz.  
Silver .774 per oz.

Charges: \$ 1.00 Paid

Date: 5/11/36

HAWLEY & HAWLEY

per /sd/ W.E.Hawley, Assayer

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona 1-4-36

DESCRIPTION	Sample No.	Oz.	Oz.	
		Gold	Silver	
D. M. Cansler	11	1.43	2.0	G 50.05
				S <u>1.54</u>
				51.59

Charges: \$1.00

/sd/ W. W. McMillen

Morenci July 8-1940

Mr. Joseph

Thorn -

Dear Sir -

I am sending as per your request. Some Switzer & Assay reports, I have had quite a few reports with much better showings, but were sent out, and never found "their way home"

When have a customer purchase right at home working, this will be a valuable property.

Gold. Silver. Lead. And some manganese has been found

Yours Very Truly  
D. M. Coe

Box 344

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date July 19, 1940.

Mine New York & Arizona Group

Engineer Newton Wolcott

District Greenlee-Gold Mountain Mining District

Location 3 Miles west of Morenci.

Former name

(Greenlee County)

Owners D. M. Cansler  
Harry Cansler

Address Morenci, Arizona.  
Silver City, New Mexico.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, silver, lead, copper

Men Employed

Production Rate

Power: Amt. & Type

NEW YORK & ARIZONA ✓

Operations: Present

Au, Ag, Pb, Cu

No activity at present

Greenlee

6 -

T 4 S, R 29 E

D. M. Cansler & Harry Cansler, Morenci

Operations Planned

Further development when able to finance.

Number Claims, Title, etc.

26 Unpatented lode claims on public domain.

Description: Topog. & Geog.

Steep, rugged and fairly high hills lying on the north side of Gold Gulch and the east slope of Eagle Creek, at an elevation of slightly under 5000 feet above sea level. The claims are situated a short distance north of the Morenci-Eagle road, approximately 3 miles west from the town of Morenci. The only vegetation consists of low brush and cactus.

Mine Workings: Amt. & Condition

Development is mostly by tunnels, several hundred feet of which were seen and inspected. Lack of time prevented complete coverage of property, and owner states that total footage of tunnels is close to 3000 feet. There are several shallow shafts, the deepest one being in the neighborhood of 100 feet in depth. This is open, but without timber. Also some small stopes and pits.

(over)



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date July 19, 1940.

Mine New York & Arizona Group Engineer Newton Wolcott

District Greenlee-Gold Mountain Mining District Location 3 Miles west of Morenci.  
(Greenlee County)

Former name

Owners D. M. Cansler  
Harry Cansler

Operator

President

Mine Supt.

Principal Metals Gold, silver, lead, copper

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Water Supply

Operations: Present

No activity at present other than assessment work.

Operations Planned

Further development when able to finance.

Number Claims, Title, etc.

26 Unpatented lode claims on public domain.

Description: Topog. & Geog.

Steep, rugged and fairly high hills lying on the north side of Gold Gulch and the east slope of Eagle Creek, at an elevation of slightly under 5000 feet above sea level. The claims are situated a short distance north of the Morenci-Eagle road, approximately 3 miles west from the town of Morenci. The only vegetation consists of low brush and cactus.

Mine Workings: Amt. & Condition

Development is mostly by tunnels, several hundred feet of which were seen and inspected. Lack of time prevented complete coverage of property, and owner states that total footage of tunnels is close to 3000 feet. There are several shallow shafts, the deepest one being in the neighborhood of 100 feet in depth. This is open, but without timber. Also some small stopes and pits.

(over)



The predominating country rocks in that portion of the property which was visited are quartzite and gneiss; both of which are extensively cut and broken by intrusions of granitic porphyry. This condition has resulted in the formation of fissure veins in the sedimentaries as well as some contact metamorphic replacements along the margin of the intrusives. The veins observed showed a width of from 18 inches to 3 feet, while the old stopes appear to indicate that mineralization in the replacement zones along the contacts does not extend out to any great distance into the sedimentaries. The vein ores are highly silicious, with the metallic values Ore: Positive & Probable, Ore Dumps, Tailings appearing as sulphides. Gold occurs free, as well as combined in the copper and iron sulphides.

There is no estimable tonnage of blocked-out ore, and the grade of material on various dumps is not known.

Mine, Mill Equipment & Flow Sheet  
 Owners: D. M. Gardner, Harry Gardner  
 Address: Silver City, New Mexico

No equipment of any sort on the property.

Road Conditions, Route  
 Mine Subst. Mill Subst.

The Morenci-Eagle road runs along one edge of the property; but the main workings are reached by approximately half a mile of trail.

Water Supply  
 Power: Amt. & Type

Domestic water is obtainable, but no other supply has been developed.

**Brief History**

The present owners have held this property for a good many years and have made some shipments of ore. Leasers have also worked here at various times; but no records as to tonnage or grade of ore shipped are available. The owners state that some of the ores shipped have run as high as \$50 per ton in value. The remains of an old 5 stamp mill are still visible on the ground; but no records exist as to the results of its operation. Special Problems, Reports Filed

Lack of development, and transportation facilities are the most evident problems to be solved.

**Remarks**

Due to the large area covered by this property, and the character of the topography, as well as to lack of time, it was impossible to cover the ground completely or thoroughly. Important features may therefore have been overlooked or missed.

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

The property is for sale or lease. Communicate with owners for price and terms.

Development is mostly by tunnels, several hundred feet of which were seen and inspected. Lack of time prevented complete coverage of property, and owner states that there are 1000 feet of tunnel in the neighborhood of 100 feet.

Signed: *Newton Wolcott*

Use additional sheets if necessary. Separate sheets on each problem.

DEPARTMENT OF MINERAL RESOURCES

News Items

Date August 3, 1939.

Mine New York & Arizona

Location 3 Miles West of Morenci

Owner D.M. and Harry Cansler

Address Morenci, Arizona.

Operating Co.

Address

Pres.

Genl. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold and silver

Men Employed 2

Production Rate Getting out ore for shipment.

Mill, Type & Capacity

Power, Amt. & Type

Signed *Newton C. ...*

(Over)

ORE SETTLEMENT  
 PHELPS DODGE CORPORATION  
 Copper Queen Branch  
 Reduction works, Douglas, Arizona

June 6, 1937

BOUGHT OF D. C. Cansler  
 Morenci, Arizona

MATERIAL	Siliceous gold, silver ore		SHIPPED FROM Clifton	
	CAR	WEIGHT		
Date received	Initial	Number	Wet	Moisture
4/5/37	SP	92527	74240	1.67
				Dry
				73000
				Smelter Lot No. 846 - June
				Shipper's Lot No. 1
				Date Sampled 4/12/37
				E & M Journal Quotation: Cu
				Average for Week Ending 4/7/37
				N. Y. Copper 16.44
				Deduction 2.5
				U. S. Silver 77.00
				U.S. Gold Price 34.9125
				Deduction 8% or 2.7930

FINAL SETTLEMENT

PER TON OF 2000 LBS.			PAYMENTS		AMOUNTS	
Assay	Deduct	Pay for		Per Ton	Total	
Gold .430 oz.		% = .430	oz. @ \$32.1195 per oz.	13.8114		
Silver 5.57 oz.		% = 5.57	oz. @ 77.00 c per oz.	4.29		
Copper .06 %	10 lbs. & % of balance	% =				
			Total Payments			18.1014
			CHARGES			

Treatment increase a/c Xs value; 10% of 3.1014	Treatment base	3.50
	.31	3.81
Copper 10#	1.2#	8.8#
	13.94	c per unit
	1.23	
	Total treatment	5.04
	Net Treatment	5.04
	Net Price per ton	f.o.b. Douglas
	13.0614	13.0614 per ton

Gross Proceeds	36.500	Dry Tons	@ \$ 13.0614 per ton
Less Freight From Clifton	On 37.120	Gross Tons	@ \$ Prepaid per ton
			476.74
Less 10% of \$156.58 payment for silver			15.66
Less amount previously paid			15.66
			461.08
			282.18

Balance Due	D. M. Cansler	178.90
Correct	Checked	Approved
H:L	F	H. A. Clarke
.....	.....	...../sd/B
Inv. Clerk		Manager

AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brant N. Rickard, Manager

El Paso, Texas

March 3, 1937

Mr. D. M. Consler,  
P.O. Box 344,  
Morenci, Arizona.

Dear Sir:

The sample received with your letter of February 17th has now been assayed and we are pleased to send you herewith copy of the assay certificate, and copy of our Schedule "D", under which we would be glad to receive this type of ore. At present metal prices you would receive approximately the following:

Gold	\$21.00
Silver	<u>1.06</u>
Total	\$22.06

Deductions:

Base Charge	\$3.50
Copper Def.	<u>.97</u> <u>4.47</u>
	\$17.59

Freight to El Paso	<u>2.30</u>
Net FOB shipping point	\$15.29

If you are able to accumulate enough of this ore to make a shipment we will be glad to receive it, and would thank you to fill out and return the attached release form in making shipment.

Yours very truly,

/sd/ H.P.Hill  
Harry P. Hill.

MAGMA COPPER CO.

Box 74

MINE ASSAY CERTIFICATE

DATE 3/9/37

Box 344, Morenci

ag. Oz.	Au. oz.	REMARKS
1.40	0.60	49.40

/sd/ W. H. SIMON

Assayer



PHELPS DODGE CORPORATION

Copper Queen Branch, Smelter Division  
DOUGLAS, ARIZONA

December 9, 1935

Mr. D. M. Cansler,  
Morenci, Arizona.

Dear Sir:

Enclosed herewith find silver affidavit covering contents of silver contained in your shipment of ore. Please fill in the necessary blank spaces signing and having your signature acknowledged before a Notary Public, returning to me the original, duplicate and triplicate and retaining the quadruplicate for your file.

Reference this affidavit, first blank space "title of officer" if you are owner of the claims, type in the word "owner", above the title of officer in blank space over the name of mine owner, type in D. M. Cansler, the blank space following owner of "mine known as" show name of claim and if situated in the Morenci Mining District, so state. In the center of affidavit, reading "that the said blank has delivered" type in D. M. Cansler, owner. This is assumed that you are the exclusive owner of this claim and that same is not held under bond and lease by you from some other party. In case the claim is held by you under bond and lease from some other party, then so state in the affidavit.

I am enclosing also a copy of the provisional settlement on your car of ore SP 92536 and wish to advise that you will receive from our Bisbee cashier a check for \$367.92 within a few days. On or about January 8, 1936 you will receive an additional settlement amounting to \$245.65 covering the additional amount due you on gold as called for under the provisions of the treatment agreement which I am mailing you today for your acceptance and signature.

Yours very truly,

/sd/ C.D.Beddow

Chief Clerk

EWB:T  
Encls.

*Attach  
New York + wire  
Gump*

ORE SETTLEMENT  
 PHELPS DODGE CORPORATION  
 Copper Queen Branch  
 Reduction works, Douglas, Arizona

Dec. 9, 1935.

BOUGHT OF D. M. Cansler  
 Clifton, Arizona  
 MATERIAL Silicious gold and silver ore

Shipped from Bisbee, Arizona

Date received	CAR	W EIGHT	Smelter Lot No. 1842 - Nov. 1935
Nov. 25	Initial SP	Number 92536 Wet 66880 Moisture 3.28	Dry Shipper's Lot No. 1
			Date Sampled 11/27/35
			E & M Journal Quotation: Copper Average for Week Ending 11/20/35
			N. Y. Copper 9.02

PROVISIONAL SETTLEMENT

Deduction 2.5  
 U. S. Silver 77.00

PER TON OF 2000 LBS.

	<u>Assay</u>		<u>Deduct</u>	<u>Pay for</u>	PAYMENTS	<u>Per Ton</u>	AMOUNTS	<u>Total</u>
Gold	.696 oz.			% = .696 oz. @ \$20.00 per oz 13.92				
Silver	2.71 oz.			% = 2.71 oz. @ 77.00c per oz. 2.09				
Copper	.08 %	10 lbs. & %						
					Total Payments			16.01

<u>Analysis</u>	<u>Deduct</u>	<u>Charge for</u>	<u>Charges</u>	
-----------------	---------------	-------------------	----------------	--

Increase a/c excess value - 10% of \$1.01 =

Treatment Base 3.50  
.10 3.60

Cu	10#	1.6#	8.4#	6.52 c per unit	.55
				Total Treatment	<u>4.15</u>

Net Treatment			4.15
Net price per ton			
f.o.b. Douglas			11.86
Gross Proceeds	32.343	Dry Tons @ \$11.86 per ton	383.59
Less Freight From Clifton	on 33.44	Gross Tons @ 2.30 per ton	76.91
		Freight Prepaid to Apply	<u>68.00</u>
			8.91
		Less 10% of \$67.60 payment for silver	<u>6.76</u> 15.67

Balance Due	D. M. Cansler		367.92
Correct		Checked	
..JM/W.....		....H.....	
	Inv. Clerk		
		Approved	
		..H..A..Clarke../sd/.B.....	
		Manager	

ORE SETTLEMENT  
 PHELPS DODGE CORPORATION  
 Copper Queen Branch  
 Reduction works, Douglas, Arizona

June 6, 1937

BOUGHT OF D. C. Cansler  
 Morenci, Arizona

MATERIAL	Siliceous gold, silver ore			SHIPPED FROM Clifton	
	CAR	Number	Wet	WEIGHT Moisture	
Date received 4/5/37	Initial SP	92527	74240	1.67	Dry 73000
					Smelter Lot No. 846 - June
					Shipper's Lot No. 1
					Date Sampled 4/12/37
					E & M Journal Quotation: Cu
					Average for Week Ending 4/7/37
					N. Y. Copper 16.44
					Deduction 2.5
					U. S. Silver 77.00
					U.S. Gold Price 34.9125
					Deduction 8% or 2.7930

FINAL SETTLEMENT

PER TON OF 2000 LBS.			PAYMENTS		AMOUNTS	
Assay	Deduct	Pay for		Per Ton	Total	
Gold .430 oz.		% = .430	oz. @ \$32.1195 per oz.	13.8114		
Silver 5.57 oz.		% = 5.57	oz. @ 77.00 c per oz.	4.29		
Copper .06 %	10 lbs. & % of balance	% =				
Analysis	Deduct	Charge for	Total Payments			18.1014

Treatment increase a/c Xs value; 10% of 3.1014	Treatment base	3.50		
		.31	3.81	
Copper 10#	1.2#	8.8#	13.94 c per unit	1.23
			Total treatment	5.04

Net Treatment 5.04

Net Price per ton  
 f.o.b. Douglas 13.0614

Gross Proceeds	36.500	Dry Tons	@ \$ 13.0614 per ton	476.74
Less Freight From Clifton	On 37.120	Gross Tons	@ \$ Prepaid per ton	
Less 10% of \$156.58 payment for silver				15.66
Less amount previously paid				461.08
				<u>282.18</u>

Balance Due D. M. Cansler 178.90

Correct H:L Checked F Approved  
 ..... Inv. Clerk ..... H. A. Clarke  
 ..... Manager ...../sd/B



AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brant N. Rickard, Manager

El Paso, Texas

March 3, 1937

Mr. D. M. Consler,  
P.O. Box 344,  
Morenci, Arizona.

Dear Sir:

The sample received with your letter of February 17th has now been assayed and we are pleased to send you herewith copy of the assay certificate, and copy of our Schedule "D", under which we would be glad to receive this type of ore. At present metal prices you would receive approximately the following:

Gold	\$21.00
Silver	<u>1.06</u>
Total	\$22.06

Deductions:

Base Charge	\$3.50
Copper Def.	<u>.97 4.47</u>
	\$17.59

Freight to El Paso	<u>2.30</u>
Net FOB shipping point	\$15.29

If you are able to accumulate enough of this ore to make a shipment we will be glad to receive it, and would thank you to fill out and return the attached release form in making shipment.

Yours very truly,

/sd/ H.P.Hill  
Harry P. Hill.

AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brent N. Rickard, Manager

El Paso, Texas

July 26, 1935.

Mr. D. M. Consler,  
Morenci, Arizona.

Dear Sir:

Enclosed please find assay certificate giving results on the sample sent us July 22nd.

Paying for metals as per attached schedule you have a total metal value of approximately \$56.51, treatment on this type of ore amounts to \$6.20, plus a possible copper deficiency of 40¢, and freight of \$3.20, netting you \$46.71 per ton.

Trusting this will give you the desired information, I remain

Yours very truly,

/sd/ Robt. C. Stryker  
ROBT. C. STRYKER.

MAGMA COPPER CO.

Box 74

MINE ASSAY CERTIFICATE

DATE 3/9/37

Box 344, Morenci

sg. Oz.	Au. oz.	REMARKS
1.40	0.60	49.40

/sd/ W. H. SIMON

Assayer

I R A L. W R I G H T

Mining Engineer

P. O. Box 774

Engineering and Assay Office 108 W. Yankee St.

Mr. H. M. Cansler

CITY

Your samples were assayed with the following results:

Gold oz.	silver oz.	copper %		
.78	1.92	.2	G	27.30
			S	<u>1.47</u>
				28.77

Date 1-22-37

/sd/ IRA L. WRIGHT  
PJC Chemist

PHELPS DODGE CORPORATION

(REDUCTION WORKS)

ASSAY AND ANALYSIS CERTIFICATE

Douglas, Arizona Feb. 24, 1937

NAME D.M.Cansler, Box 344, Morenci, Arizona

---

Smelter Lot	Gold ozs.	Silver ozs.	Copper %	Zn. %
H 42	0.750	1.61	0.04	G 26.25 S <u>1.23</u> <u>27.48</u>

/sd/ Lush  
Chemist

HAWLEY & HAWLEY

W. E. Hawley, Mgr.

Douglas, Arizona  
537 12th Street,  
Box 151

We hereby certify that the following were obtained from samples of Mr. D. M. Cansler

Office No.	Gold ozs.	Silver ozs.	Gold value	Silver value	Total value
126554	.70	1.8	\$24.50	1.39	25.89

Metal Quotations -

Gold \$35.00 per oz.  
Silver .77 per oz.

Charges: \$1.00 paid

HAWLEY & HAWLEY

per /sd/ W. E. HAWLEY Assayer

M. A. R A N D A L L

ASSAYER and CHEMIST

EL PASO, TEXAS

Feb. 24, 1937

ASSAY CERTIFICATE

FOR: El Paso Smelting Works,

MARKED: Mr. D. M. Consler (Consler)

<u>My No.</u>	<u>Gold ozs. per ton</u>	<u>Silver ozs. per ton</u>	<u>Copper</u>	<u>Insol</u>	<u>Approximate value per ton</u>
160-C 799	0.65	1.9	Trace	80.4	24.28

/sd/ M. A. RANDALL ASSAYER

LESLIE K. GOFORTH  
ASSAYING AND SURVEYING  
Office 602 N. Bullard Phone 47  
SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

Mr. Harry Causler,

City.

YOUR SAMPLES WERE ASSAYED WITH THE FOLLOWING RESULTS:

DESCRIPTION OF SAMPLE	Values per ton						
	GOLD Oz.	SILVER OZ.	COPPER %	LEAD %	AU	AG	PB
	0.48	11.13	N11	1.00	\$16.80	\$8.60	\$1.05

Gold at \$35.00 per oz  
Silver at .77 per oz.  
Lead at .0525 per lb.

TOTAL \$26.45

Thank you

DATE: 12/10/36

/sd/ LESLIE K. GOFORTH  
Chemist



I R A L. W R I G H T

MINING ENGINEER

\*

P. O. Box 774

Engineering and Assay Office 108 W. Yankee Street

SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

H. M. CANSLER

City

Your samples were assayed with the following results:

DESCRIPTION OF SAMPLE	Gold Oz.	Silver Oz.
	.84	1.78
Gold	30.40	
Silver	<u>1.24</u>	31.64
	\$31.64	

DATE 2-18-37

/sd/ IRA L. WRIGHT  
P.J.C.

Chemist

HAWLEY & HAWLEY

W. E. Hawley, Manager

Douglas, Arizona  
537 12th Street  
Box 151

We hereby certify that the following results were obtained from samples of

MR. D. M. Cansler

Office No.	Marked	Gold ozs	Silver ozs.	Gold Value	Silver Value
120448		.69	0.2	\$24.15	0.15

CORRECTION

Gold \$35.00 per oz.

Silver .77¢ per oz.

Charges: \$ 1.00 Paid

Date: 5/11/36

HAWLEY & HAWLEY

per /sd/ W.E.Hawley, Assayer

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona 1-4-36

DESCRIPTION	Sample No.	Oz. Gold	Oz. Silver	
D. M. Cansler	11	1.43	2.0	G 50.05
				S <u>1.54</u>
				51.59

Charges: \$1.00

/sd/ W. W. McMillen

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona, 3-5-37

---

DESCRIPTION	Oz.	Oz.				
	Gold	Silver				
	<u>per T.</u>	<u>per T.</u>				
2/23 D. M. Cansler	0.81	3.2	G 28.35	S 2.46	30	80

Charges: \$1.00

/sd/ W.W. McMillen

*attach  
+ wing  
N.Y.*

PHELPS DODGE CORPORATION

Copper Queen Branch, Smelter Division  
DOUGLAS, ARIZONA

December 9, 1935

Mr. D. M. Cansler,  
Morenci, Arizona.

Dear Sir:

Enclosed herewith find silver affidavit covering contents of silver contained in your shipment of ore. Please fill in the necessary blank spaces signing and having your signature acknowledged before a Notary Public, returning to me the original, duplicate and triplicate and retaining the quadruplicate for your file.

Reference this affidavit, first blank space "title of officer" if you are owner of the claims, type in the word "owner", above the title of officer in blank space over the name of mine owner, type in D. M. Cansler, the blank space following owner of "mine known as" show name of claim and if situated in the Morenci Mining District, so state. In the center of affidavit, reading "that the said blank has delivered" type in D. M. Cansler, owner. This is assumed that you are the exclusive owner of this claim and that same is not held under bond and lease by you from some other party. In case the claim is held by you under bond and lease from some other party, then so state in the affidavit.

I am enclosing also a copy of the provisional settlement on your car of ore SP 92536 and wish to advise that you will receive from our Bisbee cashier a check for \$367.92 within a few days. On or about January 8, 1936 you will receive an additional settlement amounting to \$245.65 covering the additional amount due you on gold as called for under the provisions of the treatment agreement which I am mailing you today for your acceptance and signature.

Yours very truly,

/sd/ C.D.Beddow

Chief Clerk

EWB:T  
Encls.

ORE SETTLEMENT  
 PHELPS DODGE CORPORATION  
 Copper Queen Branch  
 Reduction works, Douglas, Arizona

Dec. 9, 1935.

BOUGHT OF D. M. Cansler  
 Clifton, Arizona  
 MATERIAL Silicious gold and silver ore

Shipped from Bisbee, Arizona  
 Smelter Lot No. 1842 - Nov. 1935  
 Dry Shipper's Lot No. 1  
 Date Sampled 11/27/35  
 E & M Journal Quotation: Copper  
 Average for Week Ending 11/20/35  
 N. Y. Copper 9.02

Date received	Initial	Number	Wet	Moisture
Nov. 25	SP	92536	66880	3.28

PROVISIONAL SETTLEMENT

Deduction 2.5  
 U. S. Silver 77.00

PER TON OF 2000 LBS.

	Assay	Deduct	Pay for	PAYMENTS	AMOUNTS	Total
Gold	.696 oz.		% = .696	oz. @ \$20.00 per oz	13.92	
Silver	2.71 oz.		% = 2.71	oz. @ 77.00c per oz.	2.09	
Copper	.08 %	10 lbs. & %				

Total Payments

16.01

Analysis	Deduct	Charge for	Charges
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Increase a/c excess value - 10% of \$1.01 =

Treatment Base 3.50  
 .10 3.60

Cu	10#	1.6#	8.4#	6.52 c per unit	.55
				Total Treatment	4.15

Net Treatment 4.15

Net price per ton f.o.b. Douglas 11.86

Gross Proceeds	32.343	Dry Tons	@ \$11.86 per ton	383.59
Less Freight From Clifton	on 33.44	Gross Tons	@ 2.30 per ton	76.91

Freight Prepaid to Apply 68.00

Less 10% of \$67.60 payment for silver 8.91  
 6.76 15.67

Balance Due	D. M. Cansler	Checked	Approved	367.92
-------------	---------------	---------	----------	--------

Correct ..JM/W.....  
 Inv. Clerk

.....H.....  
 ..H..A..Clarke../sd/.B.....  
 Manager



ORE SETTLEMENT  
PHELPS DODGE CORPORATION  
Copper Queen Branch  
Reduction works, Douglas, Arizona

June 6, 1937

BOUGHT OF D. C. Cansler  
Morenci, Arizona

MATERIAL	Siliceous gold, silver ore		SHIPPED FROM		Clifton
Date received	Initial	CAR Number	Wet	WEIGHT Moisture	Smelter Lot No. 846 - June
4/5/37	SP	92527	74240	1.67	Shipper's Lot No. 1
					Date Sampled 4/12/37
					E & M Journal Quotation: Cu
					Average for Week Ending 4/7/37
					N. Y. Copper 16.44
					Deduction 2.5
					U. S. Silver 77.00
					U.S. Gold Price 34.9125
					Deduction 8% or 2.7930

FINAL SETTLEMENT

PER TON OF 2000 LBS.				PAYMENTS		AMOUNTS	
	Assay	Deduct		Pay for		Per Ton	Total
Gold	.430 oz.			% = .430	oz. @ \$32.1195 per oz.	13.8114	
Silver	5.57 oz.			% = 5.57	oz. @ 77.00 c per oz.	4.29	
Copper	.06 %	10 lbs. &	% of balance	% =			
					Total Payments		18.1014

Analysis	Deduct	Charge for	CHARGES
----------	--------	------------	---------

Treatment increase a/c Xs value; 10% of 3.1014      Treatment base 3.50  
.31      3.81

Copper 10#      1.2#      8.8#      13.94 c per unit      1.23  
Total treatment      5.04

Net Treatment      5.04  
Net Price per ton f.o.b. Douglas      13.0614

Gross Proceeds	36.500	Dry Tons	@ \$ 13.0614 per ton	476.74
Less Freight From Clifton	On 37.120	Gross Tons	@ \$ Prepaid per ton	
Less 10% of \$156.58 payment for silver				15.66      15.66
Less amount previously paid				461.08
				<u>282.18</u>

Balance Due D. M. Cansler 178.90  
Correct

..... Checked ..... Approved  
H:L F H. A. Clarke  
..... /sd/B  
Inv. Clerk ..... Manager

AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brant N. Rickard, Manager

El Paso, Texas

March 3, 1937

Mr. D. M. Consler,  
P.O. Box 344,  
Morenci, Arizona.

Dear Sir:

The sample received with your letter of February 17th has now been assayed and we are pleased to send you herewith copy of the assay certificate, and copy of our Schedule "D", under which we would be glad to receive this type of ore. At present metal prices you would receive approximately the following:

Gold	\$21.00
Silver	1.06
Total	<u>\$22.06</u>

Deductions:

Base Charge	\$3.50
Copper Def.	<u>.97 4.47</u>
	\$17.59

Freight to El Paso	2.30
Net FOB shipping point	<u>\$15.29</u>

If you are able to accumulate enough of this ore to make a shipment we will be glad to receive it, and would thank you to fill out and return the attached release form in making shipment.

Yours very truly,

/sd/ H.P.Hill  
Harry P. Hill.

AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brent N. Rickard, Manager

El Paso, Texas

July 26, 1935.

Mr. D. M. Consler,  
Morenci, Arizona.

Dear Sir:

Enclosed please find assay certificate giving results on the sample sent us July 22nd.

Paying for metals as per attached schedule you have a total metal value of approximately \$56.51, treatment on this type of ore amounts to \$6.20, plus a possible copper deficiency of 40¢, and freight of \$3.20, netting you \$46.71 per ton.

Trusting this will give you the desired information, I remain

Yours very truly,

/sd/ Robt. C. Stryker  
ROBT. C. STRYKER.

MAGMA COPPER CO.

Box 74

MINE ASSAY CERTIFICATE

DATE 3/9/37

Box 344, Morenci

ag. Oz.	Au. oz.	REMARKS
1.40	0.60	49.40

/sd/ W. H. SIMON

Assayer

I R A L. W R I G H T

Mining Engineer

P. O. Box 774

Engineering and Assay Office 108 W. Yankie St.

Mr. H. M. Cansler

CITY

Your samples were assayed with the following results:

Gold oz.	silver oz.	copper %		
.78	1.92	.2	G	27.30
			S	<u>1.47</u>
				28.77

Date 1-22-37

/sd/ IRA L. WRIGHT  
PJC Chemist

PHELPS DODGE CORPORATION

(REDUCTION WORKS)

ASSAY AND ANALYSIS CERTIFICATE

Douglas, Arizona Feb. 24, 1937

NAME D.M.Cansler, Box 344, Morenci, Arizona

---

Smelter Lot	Gold ozs.	Silver ozs.	Copper %	Zn. %
H 42	0.750	1.61	0.04	G 26.25 S <u>1.23</u> 27.48

/sd/ Lush  
Chemist



HAWLEY & HAWLEY

W. E. Hawley, Mgr.

Douglas, Arizona  
537 12th Street,  
Box 151

We hereby certify that the following were obtained from samples of Mr. D. M. Cansler

---

Office No.	Gold ozs.	Silver ozs.	Gold value	Silver value	Total value
126554	.70	1.8	\$24.50	1.39	25.89

Metal Quotations -

Gold \$35.00 per oz.

Silver .77 per oz.

Charges: \$1.00 paid

HAWLEY & HAWLEY

per /sd/ W.E.HAWLEY Assayer

M. A. R A N D A L L

ASSAYER and CHEMIST

EL PASO, TEXAS

Feb. 24, 1937

ASSAY CERTIFICATE

FOR: El Paso Smelting Works,

MARKED: Mr. D. M. Consler (Consler)

My No.	Gold ozs. per ton	Silver ozs. per ton	Copper	Insol	Approximate value per ton
160-C 799	0.65	1.9	Trace	80.4	24.28

/sd/ M. A. RANDALL ASSAYER

LESLIE K. GOFORTH  
ASSAYING AND SURVEYING  
Office 602 N. Bullard Phone 47  
SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

Mr. Harry Causler,

City.

YOUR SAMPLES WERE ASSAYED WITH THE FOLLOWING RESULTS:

DESCRIPTION OF SAMPLE	Values per ton						
	GOLD Oz.	SILVER OZ.	COPPER %	LEAD %	AU	AG	PB
	0.48	11.13	N11	1.00	\$16.80	\$8.60	\$1.05

Gold at \$35.00 per oz  
Silver at .77 per oz.  
Lead at .0525 per lb.

TOTAL \$26.45

Thank you

DATE: 12/10/36

/sd/ LESLIE K. GOFORTH  
Chemist

I R A L. W R I G H T

MINING ENGINEER

\*

P. O. Box 774

Engineering and Assay Office 108 W. Yankee Street

SILVER CITY, NEW MEXICO

ASSAY CERTIFICATE

H. M. CANSLER

City

Your samples were assayed with the following results:

---

DESCRIPTION OF SAMPLE	Gold Oz.	Silver Oz.
	.84	1.78
Gold 30.40		
Silver <u>1.24</u>		31.64
\$31.64		

---

DATE 2-18-37

/sd/ IRA L. WRIGHT  
P.J.C.

Chemist

HAWLEY & HAWLEY

W. E. Hawley, Manager

Douglas, Arizona  
537 12th Street  
Box 151

We hereby certify that the following results were obtained from samples of

MR. D. M. Cansler

---

Office No.	Marked	Gold ozs	Silver ozs.	Gold Value	Silver Value
120448		.69	0.2	\$24.15	0.15

CORRECTION

Gold \$35.00 per oz.

Charges: \$ 1.00 Paid

Silver .77¢ per oz.

Date: 5/11/36

HAWLEY & HAWLEY

per /sd/ W.E.Hawley, Assayer

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona 1-4-36

DESCRIPTION	Sample No.	Oz. Gold	Oz. Silver		
D. M. Cansler	11	1.43	2.0	G	50.05
				S	<u>1.54</u>
					51.59

Charges: \$1.00

/sd/ W. W. McMillen

ASSAY CERTIFICATE

W. W. McMILLEN CUSTOM ASSAYER

Clifton, Arizona, 3-5-37

---

DESCRIPTION	Oz. Gold <u>per T.</u>	Oz. Silver <u>per T.</u>					
2/23 D. M. Cansler	0.81	3.2	G	28.35	S	2.46	30 80

Charges: \$1.00

/sd/ W.W. McMillen



AMERICAN SMELTING & REFINING CO.  
El Paso Smelting Works

Brent N. Rickard, Manager

El Paso, Texas

July 26, 1935.

Mr. D. M. Consler,  
Morenci, Arizona.

Dear Sir:

Enclosed please find assay certificate giving results on the sample sent us July 22nd.

Paying for metals as per attached schedule you have a total metal value of approximately \$56.51, treatment on this type of ore amounts to \$6.20, plus a possible copper deficiency of 40¢, and freight of \$3.20, netting you \$46.71 per ton.

Trusting this will give you the desired information, I remain

Yours very truly,

/sd/ Robt. C. Stryker  
ROBT. C. STRYKER.

Post Office Department  
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300



Return to *Dept. of Mineral Resources*

Street and Number,  
or Post Office Box,

(NAME OF SENDER)

*Capital Bldg.*

REGISTERED ARTICLE

**13617**

No.

INSURED PARCEL

No.

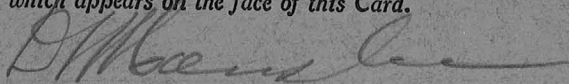
**PHOENIX,**

**ARIZONA.**

# RETURN RECEIPT

Received from the Postmaster the Registered or Insured Article, the original number of which appears on the face of this Card.

1



(Signature or name of addressee)

2

(Signature of addressee's agent—Agent should enter addressee's name on line ONE above)

Date of delivery JAN 5 - 1942, 194

MN-9

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date Feb 15 - 1940

Mine New York + Arizona

District Copper Mining Dist

Location 3 miles west of Morenci

Former name New York & Ariz Gold & Copper Co

Owner D M Bonshon Harry M. Bonshon

Address Box 344 - Morenci

Operator Property is leased at present

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold - Silver - Lead - Copper

Men Employed

Production Rate Very small.

Mill: Type & Cap.

Power: Amt. & Type No equipment.

Operations: Present

Operations Planned None - no funds only hope is to sell. I am just old and physically not able to look after operations -

Number Claims, Title, etc. 26 -

Description: Topog. & Geog.

Mine Workings: Amt. & Condition about three thousand ft. tunneling several shallow shafts -



Geology & Mineralization *None engineers report made (1908 - would like reputable engineers report on this dist. we are just west of the large work being done on the clay ore body - by O'Donoghue*  
Ore: Positive & Probable, Ore Dumps, Tailings

Mine, Mill Equipment & Flow Sheet *None*

Road Conditions, Route *Very good to property - no road across property*

Water Supply *can be developed at small cost in Gold Gulch - between this and the Latexan. Property - the Latexan. have a smelter mill - not operating*

Brief History *we think the two properties with some money to spend would make a wonderful property - for local treatment - I have been*

Special Problems, Reports Filed *told the large smelter being erected here by the O'Donoghue is to have one*

Remarks *Construction of furnace - this district has large bodies of low grade ores to feed a local plant*

If property for sale: Price, terms and address to negotiate. - *Twenty five thousand - full price - Ten thousand cash. payment - Terms for balance - I am quite old - as I have left almost - work up since 1916. and am positively broke*

Signed *O'Donoghue*

Use additional sheets if necessary. *Box 3544 - morenci*



MN-9

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date Feb. 15, 1940

Mine New York & Arizona

District Copper Mining District

Location 3 miles west of Morenci

Former name New York & Arizona Gold & Copper Co.

Owner D. M. Consler & Harry M. Consler

Address Box 344 - Morenci

Operator Property is leased at present

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold, silver, lead, copper

Men Employed

Production Rate Very small

Mill: Type & Cap.

Power: Amt. & Type No equipment

Operations: Present

Operations Planned None -- no funds - only hope is to sell. I am quite old and physically not able to look after operations

Number Claims, Title, etc. 26

Description: Topog. & Geog.

Mine Workings: Amt. & Condition About three thousand feet tunneling - several shallow shafts

(over)

DEPARTMENT OF MINERAL RESOURCES  
Geology & Mineralization Have engineer's report made 1908 - would like reputable engineer's report on this district. We are just west of the large work being done on the Clay ore body by P. D. Corporation.

Ore: Positive & Probable, Ore Dumps, Tailings

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route Very good to property - no road across property.

Water Supply Can be developed at small cost in Gold Gulch, between this and the Laknan Group - the Laknan has a small mill, not operating.

Brief History We think the two properties with some money to spend would make a wonderful property for local treatment. I have been told the large smelter being erected here by the P. D. Corporation is to have one custom furnace - this district has large bodies of low grade ores to feed a local plant.

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate. Twenty-five Thousand Dollars (\$25,000) full price. Ten Thousand cash payment - terms for balance. I am quite old and I have kept assessment work up since 1916. I am positively broke.

Signed..... D. M. Consler - Manager  
Box 344, Morenci, Ariz.

Use additional sheets if necessary.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date Feb. 15, 1940

1. Mine New York and Arizona
2. Mining District & County Copper Mining District
3. Former name New York & Arizona Gold & Copper Co.
4. Location 3 miles west of Morenci
5. Owner D.M. Consler & Harry M. Consler
6. Address (Owner) Box 344, Morenci, Ariz.
7. Operator Property is leased at present
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Gold, silver, lead, copper
14. Men Employed
15. Production Rate Very small
16. Mill: Type & Cap.
17. Power: Amt. & Type No equipment
18. Operations: Present
19. Operations Planned None-no funds-only hope is to sell. I am quite old and physically not able to look after operations.
20. Number Claims, Title, etc. 26
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition About 3,000 feet tunneling - several shallow shafts

23. Geology & Mineralization Have engineer's report made 1908 - would like reputable engineer's report on this district. We are just west of the large work being done on the Clay ore body by P.D. Corporation

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

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

25. Mine, Mill Equipment & Flow Sheet **None**

26. Road Conditions, Route **Very good to property - no road across property**

27. Water Supply Can be developed at small cost in Gold Gulch, between this and the Laknan Group - the Laknan has a small mill, not operating.

28. Brief History We think the two properties with some money to spend would make a wonderful property for local treatment. I have been told the large smelter being erected here by the P.D. Corporation is to have one custom furnace - this district has large bodies of low grade ores to feed a local plant.

29. Special Problems, Reports Filed

30. Remarks

31. If property for sale: Price, terms and address to negotiate. **Twenty-five Thousand Dollars (\$25,000) full price. Ten thousand cash payment - terms for balance. I am quite old and I have kept assessment work up since 1916. I am positively broke.**

32. Signed..... **D. M. Consler - Manager**  
**Box 344, Morenci, Ariz.**

33. Use additional sheets if necessary.