

Ca 1935

COCHITI MNG DIST  
Condensed report

**LOCATION:** The district is located in Sandoval County, New Mexico, near Bland, which now consists only the postoffice and ranger station. The city of Santa Fe is about 35 miles east of the property and Albuquerque about 60 miles S.E

**PROPERTY:** The Cochiti Mng District contains about 56 claims of which 17 are patented and all claims are contiguous and well located on vein systems with side claims for protection. They represent about 1100 acres. There is a four acre patented water site from which a pipe line  $4\frac{1}{2}$  miles long supplies the present mill.

**REPORTS:** We have reports covering this group of claims from the following engineers and geologists made at the request of the various companies operating in the district in the past. These reports were made at various dates on different claims from 1899 to Jan 1935.

H.C. HEFFREN	Mng Engineer
S.A. RAND	Geologist
F.M. JOHNSON	Mng Eng
T.H. JENKS	" and Geologist
DUNCAN MacVACHIE	Mng Eng
P.E. BARBOUR 11/5/34	"
A.B. HERRELL 11/7/35	"

**TOPOGRAPHY:** Domingo station, about 2000 in population, is located on the main line of the Santa Fe is the nearest railroad station, being about 25 miles from the property. There is a very good road from Domingo to the property that is passable all the year round. The country around Domingo is a flat level plain. The total rise for these 25 miles is about 500 feet. There is a series of nearly parallel canyons running from the NE to the SE towards the Rio Grande River, which are from 1000 feet deep and very narrow. They were eroded from a mesa formed by successive flows of lava, volcanic ash and volcanic tuff, superimposed which made a broad nearly level tableland. The canyons are separated by narrow mesas about  $\frac{1}{2}$  mile wide and very well timbered.

**GEOLOGY:** The geologic age of this country is not great. The volcanic flows are said to be of the late tertiary age, the dykes are more recent, so that geologically they are quite young. It is a volcanic country and has been recently been the scene of active volcanoes, evidenced by flows of pure lava, now existing in black porous sheets, volcanic ash, cinder and pumice. A wide variety of both crystalline and non crystalline rocks occur. There are no sedimentary rocks in the district. A series of porphyry dykes have intruded the overlying volcanic flows and in Pine Canyon, 3 miles below Bland are first seen where they outcrop in the roadbed. They become more noticeable up the canyon. On reaching the townsite of Bland the west mesa is entirely dyke mass, the overlying tuff having been removed by erosion. On the crest of this outcrop is a U.S. Mineral Monument. The east mesa just above the townsite has been forced into an anticline with a very thin capping of tuff still existing over the main dyke. The dyke has a general North and South strike and a vertical dip, which seems to be the eastern boundary of the mineral bearing zone of the district.

This system of parallel dykes has been examined for hundreds of feet at right angles to the dyke strike, across the property. The dyke rocks are various forms of diorite, varying from the coarse grained granitoid texture, of the green speckled white variety, to the compact fine grained dark greenish gray variety.

**VEINS:** The entire district is traversed by numerous well defined fissure veins, running generally north and south. There are four well defined major veins independent of one another that are practically parallel. Beginning on the east they are the WASHINGTON, IRON KING, LONE STAR, and the CROWN POINT. Each vein has been opened up more or less by a mine of the same name and from each considerable quantities of ore has been taken out. The Washington vein dips west 70°; The Lone Star dips east 60 to 70° while the Iron King is vertical. The Crown Point dips west. P.E. Barbour says the Lone Star vein on the 'C' level is 70 feet wide all in ore and will average throughout 25 feet. A.B. Herrell says the Iron King vein at the 1000 foot level is 63 feet average width all in ore.

**ORE:** On the extension of the large tunnel on the Lone Star and Iron King, Herrell estimates about 1,400,000 tons of ore blocked and/or partially blocked. He also estimates several millions of tons of possible ore on the undeveloped part of the Iron King vein. There is ample evidence in the workings that the vein has pockets of very high grade ore. While there is but little blocked ore on the other claims, there is plenty of evidence that tremendous quantities may be developed and there are thousands of tons of ore on the various dumps on the Washington, Crown Point, Lone and North Star claims with some 10,000 tons on the Iron King. This ore would not stand the heavy shipping charges to the El Paso smelter, however it will mill very profitably. All the workings are open and may be inspected with the possible exception of the four claims in the Albemarle group, which was dynamited some years ago to hide the very high grade ore discovered.

**WATER:** There is a four acre patented water site in Media Dia Canyon from which spring water was piped to the present mill. The pipe line was 4½ miles long and is usable at the present time. The springs need to be cleaned out and then they will furnish ample water for the four inch line. There is a 300 foot winze bottomed in ore on the main tunnel level which the records show furnished ample water for the operation of a mill. I understand that the pumps delivered 486 tons of water per day from this winze without depleting the supply.

**POWER:** Power can be had from the Albuquerque Power & Light Company by an extension of their present line 15 miles at a total cost of about \$20,000. This sum to be amortized over a period of time and returned to the builder of the line from the monthly service charges. The Min-monthly charges at which this arrangement can be secured has been quoted at \$200.00 while the rate per kwh is 1.33 cents max- and scales down of course depending upon quantity used.

**ASSAYS & SMELTER REPORTS:** 1149 cars of ore from different claims shipped to the El Paso Smelter Works and American S & R Co show an average return of \$38.65 and 281 samples gave an average assay value of \$21.13. These samples included rejected ore and surface samples, old price.

**EQUIPMENT:** There is a complete 100 ton cyanide plant, a 20 stamp mill, some 15 or 20 buildings, crushers, rod mill and lots of miscellaneous equipment, such as belting, cranes, pulleys, etc. All buildings are in very good shape and most of the equipment is usable. Complete inventory is included in the report by Herrell.

**UNDERGROUND WORKINGS:** There is some two or three miles of underground workings in the entire 58 claims. Most of the timber underground has been or is now being repaired and replaced with the exception of the four claims in the Albemarle group. Due to the fact that the property has been in litigation so long little or no up to date data relative to past operations is available.

**TITLE:** The original owners of most of these claims became involved in litigation some 25 to 30 years ago, while development work was carried on little or no ore was shipped or milled from the most of the property. Some two years ago the various cases were consolidated and the present title was cleared by a U.S. Supreme Court decision. The titles are therefore clear and good with the Supreme Court records and decision behind them and on file in one of the banks of Albuquerque, N.M. and guaranteed. Taxes on the patented lands have been paid and assessment work done.

**PAST PRODUCTION:** Rumor, records and engineers reports show that in the past more than \$1,000,000.00 in gold and silver has been taken from these properties, while the Albemarle is reputed to have produced alone over \$8,000,000.00. Values are about 60% gold and 40% silver. Old recovery methods, now vastly improved, account for large losses. Records show that from Oct 1914 to June 1915 one of the mines shipped to the mint in Denver 2,999.52 ounces of gold and 62,007.34 ounces of silver for which was credited and paid \$92,586.73 according to mint assay of bullion. It is of record that during this time but a 54.6% saving was made, entailing a loss of \$73,385.00. New methods will bring the savings to 95% and the ore is susceptible of oil flotation. The Pan American Corp of San Francisco under date of May 2nd 1933 made two tests on the ore for oil flotation showing a good grade of concentrates and a good recovery of both gold and silver.

**CONCLUSION:** I wish to impress upon the reader that all reports with the exception of the one by HERRELL were made many years ago, prior to the consolidation of all the claims in the Cochiti district. Much work has been done since and being done to this day, March, 1935. Complete reports by engineers, assay certificates, smelter returns, some pictures showing outcroppings are on file.

SIGNED BY PRESENT OWNER

Very truly yours,  
Jerome Craite.

Cockle May - 1818

A. A.

*[Handwritten signature]*

Georg Bräute

The Gold Range Mng. Co., N.M. } 2 miles  
 } 10 miles

" Nat. Finance & Bond Co. Co. } main.  
XVIII

Navajo 94 Reg. Co. 1018

Exampt by Arthur B. Kernal, Jan 17, '35.

17. paid, + 28 unpaid claims

4 Trunks at 250, 400, 700, & 1000

Last has 300' wings full water (suff. ly.) in or —

Upper part of account

Claim 1, 2 & 300 T Lkd.

total rise may face 65'

Case 251 sample #2113

exp. = \$10.00

Equip. incl. mill; crane, etc.

Now when I see those all hand-craft around

Term 5: \$1,500,000; 10% down & 10% p/yr. (div. 6 mo)

(Debit: \$800,000 payable to Fed. court at \$50,000/6 mo.  
next payment is Oct.)

all lost  
45 claims withdrawn  
May 17, 35.

January 31, 1936.

Mr. H. A. Johnson, Supt.,  
The Tonopah Mining Co. of Nevada,  
Tonopah, Nevada.

Dear Mr. Johnson:

I am enclosing data on the Sandoval Mines,  
in the Cochita Mining District, Bland, New Mexico.

This property was first submitted to us last year by Jerome Craite, who sent us a report by Arthur B. Herroll, dated January 17, 1935. This report included claims of 1,400,000 tons of blocked out ore; average 231 samples \$21.13; width of vein near one face 65'; mill and complete equipment including compressor, etc. The debt was stated about \$800,000, payable at the rate of \$50,000 every six months to a Federal Court. We turned the proposition down.

It was more recently submitted by R. W. Evans, who states a reasonable deal can be made. This is problematical as they still owe \$125,000. This amount is apparently a property payment, and I suppose some sort of a deal could be made with the owners, if the matter is of interest.

I have not been able to get much from the various reports. You will note that some of the old maps are by J. Gordon Hardy. I have not seen any recent assay maps or any assay map of the lowest "tunnel" level, which seems to be the most extensive. The workings are now said to be open for examination, however, and I thought it might be worth some investigation the next time we have a man in the district. Mr. R. W. Evans suggests that we contact J. C. Evans or Jos. Schaffhausen at the Y. M. C. A. Building, Albuquerque, New Mexico.

Very truly yours,

THE TONOPAH MINING COMPANY OF NEVADA

L. H. Bregy  
Exploration Department.

LHB-h.  
Encl.

Albuquerque, N. M.

January 24, 1936.

Mr. L. B. Bregy,  
Exploration Department,  
Tonopah Mining Co.,  
Philadelphia, Pa.

Dear Sir:

Referring to your letter of recent date, I'm not surprised that the Sherman Mine which Mr. Sharp examined is rather small for a company of your size. The Sandoval properties, I wished to show him particularly. I think that I am the only person who has attempted to make a report on the entire property which consists of fifth-eight claims, Some of them which had not been much explored, I did not include in my report. This property has very large possibilities and is opened up sufficiently as you can see from my report, to admit of a definite examination.

I find that it will be necessary for me to remain in Albuquerque, until the third of February. If you can possibly arrange it, I think it would be very much worth while to have one of your competent engineers meet me here and look at the property.

Kindly let me know at your earliest convenience your reactions to this suggestion. If you find it at all convenient to have someone meet me here, please notify me.

Very truly yours,

*J. B. Evans*

*By L. M. Johnson*

P. KIRBY HUNT  
MANAGER



KING EDWARD HOTEL  
TORONTO - CANADA

8/24/35

~~London Mining Co. of Canada.~~  
570 Bullitt Bldg  
Philadelphia Pa

Dear Sirs...

Will you please send me a  
copy of your annual statement, I did not  
get a copy. My firm is inactive now  
so you better put it on the record  
as Box 376 Grand Central Army  
Station New York City. You can mail  
the present one to me here in Toronto.

Regarding the property I wrote about  
It consists of 1200 acres in the  
Socorro Mining District New Mexico.  
It has 9 openings plenty of tunnel work  
Vein exposed 63 feet wide for 350 feet  
smaller veins converging into it -  
149 tons analyzed 28. gold and quite a  
bit of silver. This is a big proposition  
is open. Has a 100 ton mill on it  
The party needs money to carry on

will sell a half interest or a  
full interest its a big proposition  
1,400,000 tons of ore flooded out  
now and about 75000 tons on the  
dump. The ore runs about 60% zinc  
at 40% silver.

Let your confidence yourself entirely to  
Silver. If you are interested in  
acquiring any properties here I  
can probably assist you as I  
have very good connections.

The proposition in New Mexico is  
a matter of negotiation. My brother  
J.C. Evans who is a ~~geologist~~ geologist  
has just returned from New Mexico  
and has this matter in hand. He  
says its one of the best looking  
propositions he has seen. He will  
be glad to meet your engineer and  
discuss it.

Yours truly  
R W Evans



Los Angeles, Cal., May 13th, 1935

My Dear Sir:-

I am sitting with the owner of the 55 claims in N.M., known as the Cochiti Mining District and by some as the Crown King. He has entered into contract with an equipment company, and same has been approved by the court in Albuquerque, N.M. where they have deposited \$125,000.00 as faith of their ability to carry on. The owner has sold them 10 claims, being the Lone Star, North Star, Iron King, Dry Monopole, Uncle Joe, Denver Girl, Blue Eagle, Red Fox, Narrow Gauge, and Bull of the Woods, for \$81,000.00 cash, they assuming \$700,000.00 of the indebtedness to the satisfaction of the court and making payment of \$50,000.00 every 6 months, they also building for the owner a 100 ton flotation plant, free and clear of all debts and to be ready for operation by Sept 15th, he also keeping all the ores on different dumps amounting to over 200,000 tons with an assay value of not less than \$9.00 per ton and some as high as \$820.00, but figure it out as an average of \$2,000,000.00 on the dumps alone. The new owner to build and construct from the Albuquerque Water and Power Co a power line and supply power to the owner at a maximum of not over One and one-third cents per kilowatt hour, and also to retain 50% of the 4 acre water site, and if the water is not sufficient to operate his 100 ton plant and the 250 ton plant that they will build for themselves, they agree and promise to develop sufficient to keep his 100 ton plant going. He also retains the other claims of 45 with an indebtedness of \$100,000.00 payable to the court at the rate of 10% royalty until paid; no stipulated amount to be paid monthly but just 10% of the gross receipts. The 100 ton plant to guarantee 96% efficiency of recovery.

Now there are only 45 claims left for you but it will be equipped with a 100 ton plant, newly built and ready to grind out the \$20 balls by Sept 15th, a power plant, all the water needed, 200000 tons already mined and on the dumps with a guaranteed assay value of over \$2,000,000.00 and a guaranteed recovery of \$1,962,000.00 at the least, all for the sum of \$399,000.00, with a cash payment of \$100,000 and the balance at 15% royalty until paid. What more do you want for nothing?

Now mind you that this 45 claims includes the Albemarle Group of 4 claims which has produced over \$8,000,000.00 in the past and which has a shoot of ore, known to exist, of ore 3 feet wide assaying from \$12,000.00 to \$15,000.00 per ton and which can be reached by cleaning out 650 feet of the 700 foot shaft or by continuing a certain tunnel, through ore, around 4500 feet in length. An examination will prove what is best to be done. The equipment company has accepted the deal. The court is satisfied with them and the bank has their \$125000.00 to fulfill their agreement and the owner has the \$81,000.00 in his bank, so there is no ifs, buts or maybe about it. If you are looking for a mine here is one for you but you'll have to step on the gas, because when the mill is completed the owner will not sell, as all he has to do is mill the dumps and make plenty of money without developing any more or if he does not want to, but a good operators will continue developing new ore bodies, which the property contains plenty of it. You have no time to lose if you want some of the pickings. The mine is open and clear for examination and dry. The owner has cleaned it all up and shipped over 3500 tons in cleaning it up that has netted him over \$70,000.00 and is still shipping. The owner will meet any one you suggest at Albuquerque, N.M. upon 48 hours notice to me at 612 West Imperial Highway, Los Angeles, Calif.

Very truly yours,

*Jermine Craite*

Los Angeles, Calif 4/11/35

Wm. H. Pugh  
Philadelphia, Pa.

Dear Mr. Pugh: Had a long talk with owner of Aschile yesterday and he  
are now cleaned up, except Albemarle 4 claims, and has shipped about  
3500 tons from the cleanings, 80% assayed, netting him better than  
\$20 per ton, balance of 20% is on dump, price around \$10. They  
went by truck to Domingo, then by rail to El Paso to the Am S & R  
and after paying for the running it comes over \$20 per ton clear, net.  
The Albemarle of 4 claims has a shaft down 700 ft and filled up  
for about 650 ft. years ago a rich pocket of 3 ft ore going from  
\$12000 - \$15000 per ton was uncovered and the president of the  
Company ordered the mine Supt to dynamite the shaft  
from top to bottom, which he did. President caused some  
litigation, stating that he would be able to buy out the  
stockholders for a song, but died before accomplishing  
his nefarious work. The son of the Supt is in Albuquerque  
and his father is still alive. You will note in the  
report that the Albemarle shipped millions of dollars of  
ore. The present owner expects, if he does not sell  
out, to continue the lower tunnel along the different veins  
until he comes below Albemarle about 300 ft  
and then slope up to present 700 ft shaft, thereby  
choosing the shaft and opening up this rich strike.  
He has been offered by an Equipment Mfg Co  
the following: - They will assume 1/2 of his obligations  
on the mine, which by the way is \$800,000, payable to  
the Federal Trust at the rate of \$50000 every 6 mos,  
next payment being in Oct. They also to receive from  
the owner 21 claims of the 55 and erect a 250 ton  
mill for him <sup>all paid</sup> and a 500 ton mill for themselves  
and guarantee sufficient water for both mills, owner  
to also retain all the Dumps besides 34 claims  
the Albemarle going to Equipment Co. This offer

is standing in abeyance awaiting decisions  
of prospective buyers, including Monopoh Mfg Co  
of Philadelphia. In the report you will note  
that some body says he could state some  
very interesting facts about S & S,  
which refers to the dynamiting of the Albemarle  
I guess I've told you about all that is  
interesting and worth while knowing. If  
you wish to examine the property write  
me for an option and owner will meet  
you in Albuquerque and show  
you all and all information he has  
at his command. Mind you the Am S & R  
Company, through a certain Chicago doctor  
has an offer to take property on L & B  
and erect a 500 ton mill and pay  
him 7% on royalty, but thus far he  
has not accepted.

Yours  
Jerome Crute  
612 W. Imperial St  
Los Angeles

Los Angeles, Calif. March 22<sup>nd</sup> 1935

Doniphan Mining Co. of New  
Philadelphia Penna.

Dear Mr. Breyer: Under separate cover I am mailing  
you a complete report with maps on the  
55 claims in the Echite Mining district of N. M. by several  
experts. All litigations have been settled through  
U.S. Court decisions and were broken by same.  
Owner now working 9 men and more will be put on  
later if property is not sold. The property is capable  
of complete examination now, excepting the  
Albemarle, the bottom of which was denominated  
Foss ago where very high grade ore was found.  
Present owner intends to run tunnel to get  
under said ore body later I am informed  
by both owner & my friend Howell that  
a bona fide buyer looking same over  
will take the same as the one is there and  
the making of several valuable mines.  
The Crown Point is 10 claims. Not much  
is said of late about this group because  
same was not to be included in the sale  
but I got owner to consent to put all in  
for same price of \$1,500,000 or 10% upon  
assessments and 10% per year payable  
every 6 months. Would suggest that you  
return report & maps if not interested as  
you are getting the last one owner has.

There is much activity in mining hereabouts  
and if you want to go ahead would  
suggest quick action and will  
get you an option long enough  
to get to Albuquerque, N.M. — 60 miles  
from property, where owner will meet  
you and take you to property where  
he has good accommodations. Then  
option long enough to complete  
exam action will be granted you.  
With best wishes, I am

Very truly yours

Jerome Crute  
612 W. Superior Sty  
Los Angeles, Calif.

To Angeles. Caly Mch 11<sup>th</sup> 1935. 612 W. Imperial Hy  
Tropick Sm Co  
Philadelphia Pa.

Dear Mr. Breyer:- I am enclosing a Condensed  
report on 56 Claims in the Cochiti  
Mining District of N.M. In fact it takes in the  
Cochiti district. The Complete report with maps  
by the several engineers mentioned Comprise  
around 100 pages, and if this interests you will  
be pleased to forward Complete report on request.  
The owner is now working 9 men hauling the ore  
to Domingo - 25 miles, then by R.R. to El Paso,  
paying \$2.75 freight and shipping nothing less  
than \$25 ore. I had 2 hours Conference  
yesterday with owner and the last engineer  
who examined the district - A.B. Herrell -  
and am reliably informed that any one looking  
for a mine, for themselves or incorporate, will  
find exactly what they are looking for.  
The property will stand right now a 500 or  
1000 ton plant that should net around  
\$2,000,000 per year. The price is \$1,500,000  
upon the following terms:- 10% upon acceptance  
and 10% yearly payable every 6 months. I have  
no hesitancy in offering you the same and trust  
you'll give me an early reply. Thanks.

Jerome Crute  
612 W. Imperial Hy  
Los Angeles.

Los Angeles, Calif 2/11/35- 612 W. Imperial St

Dear Mr. Bregg: So far I have not heard from owner of Midos  
camp with answer to your questions. If I ever hear from him  
will let you know. Today I rec'd a very voluminous report  
by 9 Mining Engineers on a property of Gruppe of  
16 Patented Claims & 28 unpatented, in Sandoval County,  
New Mexico, Cochiti Mng District near Bland, 50 mi  
NW of Albuquerque. Over 7000 ft underground working  
of which 1500 are drifts & X cuts. Many veins running  
from 5 to 75 ft wide. On Santa Fe R.R. It is  
a Cyanide proposition and with 120 mesh can cone 98%  
gold & 9% silver. Hone smelter returns of 246 tons \$62 per  
ton, old price & 1053 tons \$17.50 old price. 75% gold  
balance silver. There are 3 pages of inventory,  
including 14 Bldgs & saw mill. Locomotive Boiler,  
3000 ft inch pipe, one cylinder piston, Marsh Compressor,  
G.E. Transformer, Solution tank, Triple pump,  
Solution pump, 6 tanks and God knows what else.  
The last engineer is Arthur B. Herrell who took  
281 samples averaging \$21.13, Jan 17-1935  
Assayer Bonerstock & Payne.  
1,400,000 tons blocked & partially blocked  
I have until Feb 22 to get refusal or ac-  
ceptance for examination. If the above sounds  
good I will send you this complete report &  
hope for approval. The U.S. Smelting Co have  
offered to take same & erect a 500 ton  
plant at once, but same is temporarily

shelved until I hear from Jan. The price is  
\$1,500,000 with 10% Cash, balance 10% royalty  
but royalty must not fall below \$150,000 per year.

Can you swing it if report backs up?

Quick action necessary and Cash  
tolls.

Very truly yours

Jerome Craste  
612 W. Superior St  
Los Angeles.

75% is gold.

340 A in timber  
Pure water. Hot water  
rights

Here are some of the engineers  
Austin - Patter - Lockhart -  
Barbour - Johnson - McVickie -  
Heppner - Jenks -  
Herrill