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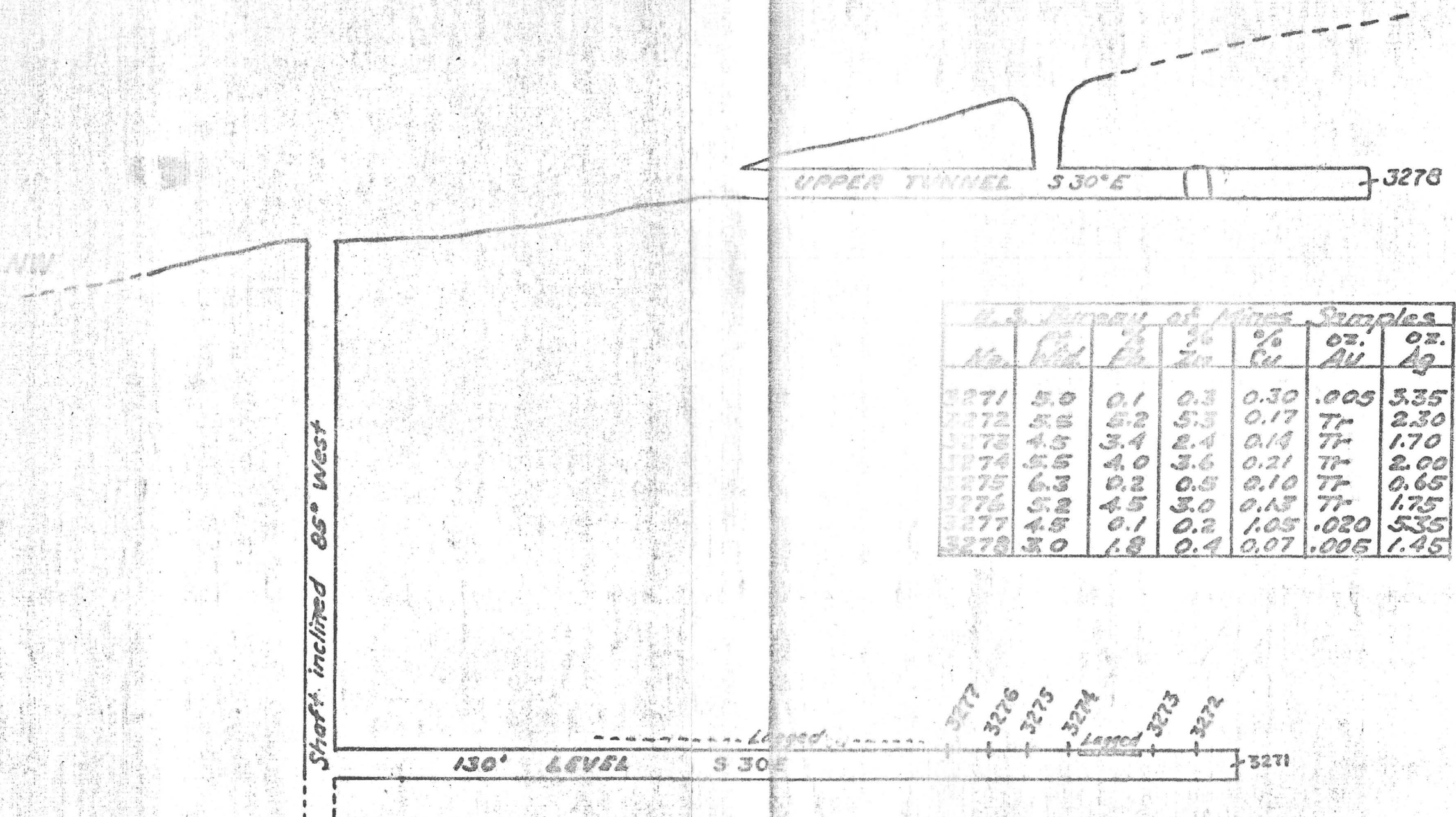
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Summary of Mine Samples

No.	Dist	% Pb	% Zn	% Cu	oz. Au	oz. Ag
3271	5.0	0.1	0.3	0.30	.005	3.35
3272	5.5	5.2	5.3	0.17	Tr	2.30
3273	4.5	3.4	2.4	0.19	Tr	1.70
3274	5.5	4.0	3.6	0.21	Tr	2.00
3275	6.3	0.2	0.5	0.10	Tr	0.65
3276	5.2	4.5	3.0	0.13	Tr	1.75
3277	4.5	0.1	0.2	1.05	.020	5.35
3278	3.0	1.8	0.4	0.07	.005	1.45

*Examined in September, 1943
when all workings as shown were accessible*

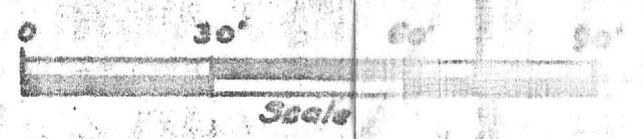


FIG. 6-LONE JACK MINE, SECTION IN PLANE OF THE VEIN

74
c
Box 115,
Chloride, Ariz.,
Feb. 18, 1943.

Mr. Earl Hastings,
Ass't Director,
Dept. of Mineral Resources,
Title & Trust Bldg.,
Phoenix, Arizona.

Dear Earl:-

Yesterday I sent Mr. W. B. Gohring my application for a mining loan on the combined Blackfoot and Goldback or Lone Jack Mining claims - the former which I own and the latter Mrs. Louise E. Hughes, mother of Dave Hughes. You remember Dave as he worked for you at the Producers while you were Supt. and he is now western representative for the Ingersoll-Rand Company. Our properties end-line and we have formed a syndicate to mutually work the properties. I have copper and lead and zinc and the Lone Jack is zinc and lead. The Lone Jack is a big ledge and mining men who have seen it think that it is a sure-fire thing. My Blackfoot is a good claim and all the ore shipped while I have owned it has paid. I am sure you remember where the claims are located and the adjoining property is producing a car of lead ore every week. This Manzanita side-lines my Blackfoot. I am sure you will give this your earnest consideration should it be turned over to you for perusal. Thanking you for any consideration you may give me, and with kind personal regards to you, I am

Sincerely

Harry C. J. Lennett

Secretary Chloride Branch,
Arizona Small Mine Oper. Assoc.

DEPARTMENT OF MINERAL RESOURCES
 State of Arizona
 MINE OWNER'S REPORT

RECEIVED
 MAR 28 1958
 DEPT. MINERAL RESOURCES
 PHOENIX, ARIZONA

Date 3/26/58

1. Mine: Lone Jack - Blackfoot
2. Location: Sec..... Twp..... Range..... Nearest Town: Chloride Distance: 1 1/2 miles
 Direction..... Nearest R.R.: Kingman Distance: 20 miles
 Road Conditions: Excellent
3. Mining District and County: Wallapai
4. Former Name of Mine: Goldback
5. Owner: Harry C. J. Lennox
 Address: Box 467, Kingman, Ariz
6. Operator:
 Address:
7. Principal Minerals: Lead, Zinc, Copper, Gold, Silver
8. Number of Claims: Lode..... Patented..... Unpatented.
 Placer..... Patented..... Unpatented.....
9. Type of Surrounding Terrain: Easy grade
10. Geology and Mineralization:
11. Dimension and Value of Ore Body: Vein 4 feet wide

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

12. Ore "Blocked Out" or "In Sight":

Ore Probable: Below 140' level, shaft must be sunk and drift run under 325'. Ore above 140' shipped by me 1941-44

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts.....	140	
Raises.....		
Tunnels.....	135'	
Crosscuts.....	1-15'	
Stopes.....	65' length	

14. Water Supply:

Plenty for mining

15. Brief History:

Mined ore 1941-44 shipped to mill in Mineral Park about 4400 tons

16. Remarks:

Ore is low grade on Lone Jack
Higher grade copper-silver on Blackfoot

17. If Property for Sale, List Approximate Price and Terms:

Only after adequate examination by any interested parties.

18. Signature:

Harry C. J. Fennoy

DEPARTMENT OF MINERAL RESOURCES

TO ALL PRODUCERS OF COPPER, LEAD and ZINC IN ARIZONA:

This department and others are making strenuous efforts to bring about legislation which will help ameliorate the restrictions and difficulties faced by the producers of copper, lead and zinc, and other strategic minerals.

To assist in these efforts it is advisable that we have an authentic survey of the results of the President's veto of the Allen Bill, and the results that would take place if a new bill, such as the Russell Bill, were passed by Congress. The Russell Bill includes all strategic minerals.

While we have all learned to love questionnaires just as we love stomach ulcers, will you please give the answers in your best judgment to the following questions:

1. What was your approximate production in pounds per month for the period preceding the President's veto of the Allen Bill?

(Copper 270 Lbs.) (Lead 4000 Lbs.) (Zinc 4000 Lbs.)

2. What has been your average production per month since that veto has affected your price?

(Copper 0 Lbs.) (Lead 0 Lbs.) (Zinc 0 Lbs.)

3. What is your estimate of your production per month for the first few months of 1948 if prices remain as they are now and no premiums are in effect?

(Copper 0 Lbs.) (Lead 0 Lbs.) (Zinc 0 Lbs.)

4. What is your estimate of production per month if some incentive plan such as the Russell Bill were in effect?

(Copper _____ Lbs.) (Lead _____ Lbs.) (Zinc _____ Lbs.)

5. General remarks:

Could go ahead with fine body of ore if premiums are restored. I was operating in good shape and repaying R.F. C until

An addressed envelope is enclosed for your convenience, but you will have to help with the stamp.

veto of premium price plan

Yours very truly,

CHD:mh

*Harry C. J. Lennox, Mgr
Lennox-Hughes Syndicate
Chloide, Arizona*

Chas. H. Dunning
Director

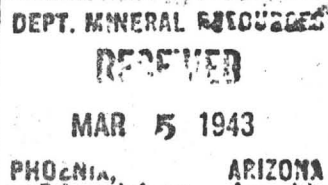
Lone Jack - Black but mine

March 4, 1943

Harry Lennox
Goldback-Blackfoot Group,
Chloride, Ariz.

MEMORANDUM

To: J. S. Coupal
From: Elgin B. Holt



Your attention is called to an application, in the sum of \$20,000, which was mailed by Harry Lennox, of Chloride, Arizona, some two weeks ago, with which to develop the GOLDBACK-BLACKFOOT GROUP, located about two miles southeast of Chloride, and belonging to Lennox.

On November 16, 1942, I visited this property with Mr. Lennox and looked it over carefully, inasmuch as he was then arranging to make an application to RFC for a \$5000 preliminary development loan, with the assistance of R. A. Thurstin, Mining Engineer, of Chloride. At the time of my visit, I did not collect enough data to warrant writing a report; but I intended to do so later; but did not get around to it.

This property, however, in my opinion covers the N. W. extension of the COPPER AGE MINE, which has been developed by a tunnel 1,700 feet in length and by a shaft 350 feet deep; both workings being on a vein from 2.5 to 3 feet wide, and exposing 100,000 tons, per Oscar H. Hershey, assaying 0.02 oz. gold, 6.6 ozs. silver, 2.1% lead. 0.10% copper and 4.7% zinc.

Work on the Goldback-Blackfoot group, consists of one tunnel, on a 4-foot vein, 237 feet in length; the Goldback Shaft, which is 150 feet deep, with 150 feet of drifting on vein at bottom; the Blackfoot Shaft, 200 feet deep, with considerable lateral workings on vein. Lennox has shipped several car loads of ore from the Blackfoot workings; but I have not in my possession the results of these shipments. This property, however, appeals to me as a "good bet", and I believe if it is further developed, it will make a mine.

On the other hand, the main workings of this property are not accessible for sampling by RFC engineers. Hence, I believe the application should have called for \$5000 instead of \$20,000. However, Mr. Thurstin, I understand, wrote into the said application a request for certain funds with which to make the mine accessible for sampling, as, when he wrote the said application, he was of the opinion the \$5000 preliminary development loans had been done away with. I would be pleased to know if it is quite all right to make a mixed application, calling for funds with which to make a mine accessible for sampling, as well as for funds with which to carry out development work in the same application. Kindly let me know about this.

As Mr. Lennox has been one of our most active workers for ASMOA in Chloride, I am, of course, sure you will do what you can in having his application given due consideration by RFC. Lennox tells me that he has received a letter from Mr. Gohring stating that Mr. Lane will soon examine his property.

Elgin B. Holt
Elgin B. Holt.

DEPT. MINERAL RESOURCES
 RECEIVED
 DEC 9 1946
 PHOENIX, ARIZONA

NAME OF COMPANY Lennox-Hughes Syndicate

NAME OF MINE Lone Jack - Blackfoot

(1) Production - January 1st to June 30, 1946, inclusive.

Producers shipping ore direct to smelters or to custom mills use Column No. 1; producers operating their own mill use Column No. 2.

COLUMN NO. 1				COLUMN NO. 2					
	Tons	% Cu	% Pb	% Zn		Tons	% Cu	% Pb	% Zn
Crude Ore	1600	.30	4.50	5.00	Copper Conc.				
					Lead Conc.				
					Zinc Conc.				

(2) Average Price Received for Metals in Above Production

This to be the total of the ceiling price plus premiums.

Copper	-	¢/lb. Conn. Valley as base
Lead	12.00	¢/lb. N.Y. as base
Zinc	16.5	¢/lb. East St. Louis as base

(3) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal price had been:

Cu 14 3/8¢/lb. Conn. Valley; Lead 8.25¢/lb. N.Y.; Zinc 8.25¢/lb East St. Louis (with no premiums)

COLUMN NO. 1			COLUMN NO. 2		
Crude Ore	None	Tons	Copper Conc.		Tons
			Lead Conc.		Tons
			Zinc Conc.		Tons

(4) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal prices had been:

Cu 16¢/lb. Conn. Valley; Lead 11¢/lb. N.Y.; Zinc 9.50¢/lb. East St. Louis (with no premiums)

COLUMN NO. 1			COLUMN NO. 2		
Crude Ore	None - mill settlement would bring only about \$4.50 to cover cost of mining and trucking	Tons	Copper Conc.		Tons
			Lead Conc.		Tons
			Zinc Conc.		Tons

(5) If a metal Conservation Price Plan, similar to the present Premium Price Plan, were made permanent for at least five years,

- (a) What would your yearly production of ore or concentrates be: 4800 tons
- (b) Would such a plan cause you to expand your exploration-development program? If so, how much? Sink shaft deeper
- (c) What effect would such a plan have in increasing your ore reserves? 75 ton/ft
- (d) In view of low tariffs, how would such a plan promote a healthy mining industry? Would enable Lone Jack mine to be developed at depth with good probability of bringing in a large producer.

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
FIELD ENGINEER'S REPORT

Mine: Lone Jack-Blackfoot Mines Date: July 18, 1943
District: Wallapai, Mohave Co., Arizona. Engineer: Elgin B. Holt
Subject: B R I E F R E P O R T

OWNERS: Harry C. J. Lennox & Mrs. Louise E. Hughes, Box 115, Chloride, Arizona.

METALS: Zinc, Lead, copper, gold and silver. Character of ore is complex sulphide material, suitable for treatment by selective flotation.

LOCATION:

Property, consisting of the Lone Jack and Blackfoot mining claims, is located 3 miles southeast of Chloride, Arizona, with which it is connected by a good truck road.

VEINS:

The main vein, 5 feet in width, strikes north 35 degrees west, and dips 74 degrees southwest. Also, there is an unexplored intersecting vein striking north 10° west.

LONE JACK WORKINGS:

A vertical timbered shaft has been sunk to a depth of 150 feet on the main vein mentioned. On the 150-foot level, a drift was run 250 feet southeast on vein; but on this level, no drift was run to the northwest. The said 250-foot drift has exposed an ore shoot 100 feet in length, in back end of drift, the face of which is in ore.

LONE JACK ORE RESERVES:

Mr. Lennox estimates the probable ore reserves in the Lone Jack workings at 7,500 tons, averaging per samples cut by RFC engineers and other engineers as follows:

<u>Zn-%</u>	<u>Pb-%</u>	<u>Cu-%</u>	<u>Au-oz</u>	<u>Ag-ozs.</u>
5.30	5.50	0.30	0.05	5.07

BLACKFOOT WORKINGS:

An inclined shaft is sunk 200 feet deep on vein, which is 3 feet in width, with a pay streak from 12 inches to 22 inches wide, per Lennox. On the 50-foot level of this shaft, a drift was run on vein, 2.5 feet wide, southeast 70 feet. Also, a drift was run on vein, northwest on this level, 25 feet. On the 100-foot level, a drift was run 8 feet southeast on vein, 3 feet wide, and northwest 25 feet on the same vein. On the said 100-foot level, there is an ore shoot 33 feet in length by 3 feet in width, assaying as follows:

<u>Zn-%</u>	<u>Pb-%</u>	<u>Cu-%</u>	<u>Au-oz</u>	<u>Ag-ozs.</u>
4.80	1.90	3.20	0.12	31.45

On the 150-foot level of the Blackfoot shaft, per Lennox, a drift was run southeast 40 feet and northwest 50 feet, on an ore vein 2.5 feet wide. In the southeast drift in this level there is an old stope (1909) from which 10 car loads of

LONE JACK-BLACKFOOT LINES

ore were shipped averaging about \$100 per ton in copper, gold and silver; but smelter returns of these shipments are not now available. Also, 3 car loads of ore were shipped from the said 50-foot level (1938-1940), of which one smelter settlement sheet is available, in the hands of Mr. Lennox, the assay returns of which follow:

Gold -----	0.12 oz.
Silver-----	21.30 ozs.
Copper-----	1.90%

Said shipment was made to the Hayden smelter during January, 1941; zinc and lead values not being reported.

BLACKFOOT ORE RESERVES:

Mr. Lennox estimates the probable ore reserves in the Blackfoot workings at 2,499 tons, roughly averaging as follows:

<u>Zn-%</u>	<u>Pb-%</u>	<u>Cu-%</u>	<u>Au-oz</u>	<u>Ag-ozs</u>
3.50	1.50	2.00	0.12	20.00

RFC LOAN:

On April 15, 1943, Lennox was granted an RFC loan in the sum of \$2,500, with which he has cleaned out and rehabilitated all of the workings herein described. Also, he has recently applied to RFC for a loan amounting to \$12,500 with which to carry out new development work on this property, with the prime end in view of exposing a considerable tonnage of new reserves of milling ores, which should run higher in zinc, as depth is attained, than the assays on this metal above quoted.

ESTIMATED DAILY PRODUCTION:

When and if the said \$12,500 loan is granted by RFC, it is believed this property could be put in shape within 90 days to produce 25 tons of milling ore daily, assaying more or less as follows:

<u>Zn-%</u>	<u>Pb-%</u>	<u>Cu-%</u>	<u>Au-oz</u>	<u>Ag-ozs</u>
4.40	3.50	1.05	0.08	12.53

Also, in the event this property could be financed in a large way, with a view to carrying out extensive exploratory work in the same, it is believed it could be put in shape within a period of one year to produce at least 75 tons of milling ore daily, assaying equal to or even in excess of the last assays quoted above.

/s/ Elgin B. Holt
 Elgin B. Holt
 Field Engineer

NAME OF MINE: LONE JACK
OWNER:

COUNTY: Mohave
DISTRICT:
METALS: Pb, Zn, Ag

OPERATOR AND ADDRESS

Date:

2/46

Harry Lennox & Mrs. Louise
E. Hughes, Chloride

MINE STATUS

Date:

2/46

Shipping

2/46 Shipping 75 tons weekly pb, zn, ag ore
to Mineral Park Milling Co. Developed
by 240' tunnel, 150' shaft with 400'
drifting on 150' level. Length of present
stoping ore 150', vein 5- $\frac{1}{2}$ ' wide.

LENNOX, Harry, Box 115
Chloride, Ariz.

3-4-43

LONE JACK-

See ~~COLDWATER~~-BLACKFOOT GROUP
Re - memorandum by field engineer

See TWENTIETH CENTURY
Re indium property

4-10-43

See LONE JACK - BLACK FOOT

3-24-44

See LONE JACK-BLACK FOOT - re gas application

11-3-44

2th Century Mine
See Mohave Co
Spotlight
Vol. II, No. 2
Dec. 1982

BLACKFOOT GROUP HAS BEEN RELOCATED

The Blackfoot and adjoining claim have been relocated by Mr. Brooks on the ground that the annual assessment work was not completed, and that the company did not pay for the work done. The property has a 225-foot shaft and a gas line hoist.

In regard to this matter, Postmaster Russell says he did the work for the Blackfoot company for 1914, and on their failure to settle, filed his lien, secured judgment and bid in the property, and will receive his deed very shortly.

Pending the time for redemption he performed the work for 1915 at his own expense in order to protect his rights.

As this is presumably a valuable property it seems a great pity that it should be involved in litigation when times are picking up and a sale might be made.

Can't - ~~Blackfoot~~
The Blackfoot mine near Chloride, has opened a nice body of commercial ore, according to Harry Lennox, who is operating the property, and he expects that they will soon be sending out ore to the mills of the county. 11-14-31

According to [redacted]
[redacted]
[redacted]
[redacted]
[redacted]

[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]

Handwritten signature

Lennox in the operation. 4-15-44



Year	Mine	Black East					Short Tons
	cu Lbs Ag	As Ag	Al Pb	Pb Ag	Zn Ag	Cl	
1900							
1901							
1902							
1903							
1904							
1905							
1906							41
1907	8560 950	4312 519	103 113	0 1413	0 3066		31
1908							
1909							
1910	2130	511 789	4	0	0		31
1911							
1912							
1913							
1914	0	84414 79124	168	627913	0		18025
1915	162	4121	18	4094	4372		56
1916							
1917							
1918							
1919							
1920							
1921							
1922							
1923							
1924							
1925							

Mine Blackfoot

Year	Cu (Lb) At	As At oz	Ag (oz)	Pb Lb At	Zn Lb At	Short Tons
1931						
1932						
1933						
1934						
1935						
1936						
1937	827	1435	10	0	0	97
1938	460					
1939						
1940						
1941	480	496	3	10	0	23
1942						
1943						
1944						
1945	5400					
1946	5400	3191	18	97400	106000	1740
1947	163	105	1	2028	3337	54
1948						
1949						
1950						
1951						
1952						
1953						
1954						
1955						