

ANNUAL REPORT

OF THE

SALISBURY MINE

(1922)

Shipments.

The Bessemer stock-pile and most of the Clinton Silica pile were shipped. A small tonnage was shipped from the Clinton pile. There was a shortage in the Clinton Silica pile, which had accumulated over a period of fifteen years, but it is partly offset by an overrun in the Clinton and Bessemer piles.

Table I.

Stock-Pile Shipments.

Grade	Tons
Bessemer	254
Clinton	2,404
Clinton Silica	<u>22,066</u>
Total	24,724
Shortage	7,249

Table II.

Stock-Pile Balances, Dec. 31st, 1922.

Grade	1922 Tons	1921 Tons
Bessemer		918
Clinton	27,413	23,193
Clinton Silica	<u>1,627</u>	<u>36,902</u>
Total	29,040	61,013

Damascus
Home

Table III.

Estimate of Ore Reserves.Developed Ore.

Level	Bessemer Tons	Clinton Tons	Clinton Silica Tons	Total Tons
4th			4,000	4,000
5th			4,000	4,000
8th		3,500	16,500	20,000
9th		2,500	9,000	11,500
10th		5,500	14,500	20,000
11th		4,500	11,000	15,500
12th		7,000	7,000	14,000
13th		8,500		8,500
14th	5,000	22,500		27,500
16th	<u>3,000</u>	<u>11,000</u>	<u>9,000</u>	<u>23,000</u>
Total	8,000	65,000	75,000	148,000
Less 10% Rock and 10% Loss in Mining	<u>1,500</u>	<u>13,000</u>	<u>15,000</u>	<u>29,500</u>
Net Total	6,500	52,000	60,000	118,500

Factors used:- Bessemer and Clinton in place:- 12 cu. ft.

Silica:- 13 - 15 cu. ft. per ton. The estimate is the same as in 1921.

General.

The mine remained closed, but the pumps were kept running throughout the year, and such repairs to timbering in the drifts as were necessary were made.

Labor.

Wages were decreased 10% on June 1st and were increased 45¢ a day, or approximately 12% on September 1st. Up to the end of June the men worked half time. Thereafter changes in personnel were made whereby all hands worked full time.

Repairs to Shaft.

Late in September the shaft started to squeeze at the knuckle, and on October 1st repairs were started. The cage was first repaired and shortened, and then new sets were put in. Repairs were continued in the lower shaft until December 8th, and the timbering was put in good condition from the tenth level down to the fourteenth.

Location.

All the houses in the location were repaired and painted, and the appearance of the location has been much improved.

SALISBURY MINE

AVERAGE MINE ANALYSIS ON OUTPUT FOR YEAR 1922.

GRADE	IRON	PHOS.	SILICA
Salisbury Bessemer,	(No Production)		
Clinton,	(No Production)		
Clinton Silica,	(No Production)		

AVERAGE ANALYSIS ON STRAIGHT CARGOES FOR YEAR 1922

GRADE	Mine		Lake Erie	
	IRON	PHOS.	SILICA	IRON MOIST.
Salisbury Bessemer,	(All Mixed)			
Clinton,	(All Mixed)			
Clinton Silica,	(All Mixed)			

ORE STATEMENT - DECEMBER 31ST, 1922.

	SALISBURY		CLINTON		TOTAL
	BESSEMER	CLINTON	SILICA	TOTAL	LAST YEAR
On hand January 1, 1922,	918	23,193	36,902	61,013	61,779
Output for Year,	-	-	-	-	20,106
Transferred,	1,162	6,624	5,462	-	-
Stockpile Overrun and Shortage,	498	-	7,747	7,249	-
Total,	254	29,817	23,693	53,764	81,885
Shipments,	254	2,404	22,066	24,724	20,872
Balance on Hand,	-	27,413	1,627	29,040	61,013
Decrease in Output,				27,355	
Decrease in Ore on Hand,				31,973	
1922 -- Mine Idle.					
1921 -- 2-8 Hour Shifts Jan. 1st to March 6th, 1921. Mine closed March 5th, 1921.					

SALISBURY MINE
SHIPMENTS FOR YEAR-1922

GRADE	POCKET	STOCKPILE	TOTAL	TOTAL LAST YEAR
Salisbury Bessemer,	0	254	254	0
Clinton,	0	2,404	2,404	0
Clinton Silica,	0	22,066	22,066	20,872
Total,	0	24,724	24,724	20,872
Total Last Year,	0	20,872	20,872	
Increase,			3,852	

SALISBURY MINE

COMPARATIVE MINING COST FOR YEAR

	1 9 2 2	1 9 2 1	INCREASE	DECREASE
PRODUCT	7,249	20,106		
Underground Costs		2.120		
Surface Costs		.347		
General Mine Accounts		.170		
Cost of Production		2.637		
Plant Account		.014		
Equipment		.011		
Taxes		.067		
Central Office		.112		
Contingent Expense		.041		
Idle Expense		1.666		
Cost Adjustment		.058		
Cost on Stockpile		4.606		
Loading & Shipping		.047		
Total Cost on Cars		4.653		
No. Days Operating		53		
No. Shifts & Hours		2-8hr		
Avg. Daily Product		379		
<u>COST OF PRODUCTION</u>				
Labor		1.961		
Supplies		.676		
Total		2.637		

NOTE: Mine closed March 6, 1921. Not operated 1922.
7,249 tons shown is stock pile shortage.

SALISBURY MINE

COMPARATIVE WAGES AND PRODUCT

	1 9 2 2	1 9 2 1	INCREASE	DECREASE
PRODUCT	7,249	20,106		27,355
No.Shifts & Hours		2-8hr		
AVG. NO. MEN WORKING				
Surface	5	9		4
Underground	8	23		15
Total	13	32		9
AVG.WAGES PER DAY				
Surface	3.70	4.99		1.29-25%
Underground	4.27	5.68		1.41-24%
Total	4.05	5.49		1.44-26%
WAGES PER MO. OF 25 DAYS				
Surface	92.50	124.75		32.25
Underground	106.75	142.00		35.25
Total	101.50	137.25		35.75
PRODUCT PER MAN PER DAY				
Surface		8.05		
Underground		3.09		
Total		2.23		
LABOR COST PER TON				
Surface		.610		
Underground		1.839		
Total		2.459		
AVG.PRODUCT BRK'G & TRM'G		5.36		
" WAGES CONTRACT MINERS		6.20		
" " " TRAMMERS		4.90		
" " "		5.91		
TOTAL NO. OF DAYS				
Surface	1,282	2498 $\frac{1}{4}$		1216 $\frac{1}{4}$
Underground	2,008	6506 $\frac{3}{8}$		4498 $\frac{3}{8}$
Total	3,290	9004-3/4		5714-3/4
AMOUNT FOR LABOR				
Surface	4743.08	12457.72		7714.64
Underground	8567.48	36972.68		28405.20
Total	13310.56	49430.40		36119.84

Proportion Surface to Underground Men:

1922 - 1 to 1660
 1921 - 1 to 2.55
 1920 $\frac{1}{2}$ 1 to 3.7
 1919 - 1 to 3.23
 1918 - 1 to 3.13
 1917 - 1 to 2.68

2-8hr - 6 days a week to Mar.5th;
 Closed March 6, 1921.